APPENDIX G
LABORATORY ANALYTICAL REPORT

COMPILED

the IT Group

IT Corporation
2790 Mosside Blvd.
Monroeville, PA 15146-2792
(412)372-7701

CHAIN-OF-CUSTODY REC

PROJECT DATA MANAGER'S COPY

A 10673

FORM 0019 REV. 9-99

PHOTO ANOMALY AREA #4

IT'S LAB COORDINATOR: M CONCEPTION	LAB COORDINATOR'S PHONE: 949-660-7550	LAB COORDINATOR'S FAX: 949-660-5433	LABORATORY SERVICE ID: 00B013	LABORATORY CONTACT: E-MAX	MAIL REPORT (COMPANY NAME): IT GROUP
PROJECT NAME: EL TORO	PROJECT LOCATION: MCAS EL TORO	PROJECT NUMBER: 186009	LABORATORY PHONE: 30968-8889	LABORATORY FAX:	RECIPIENT NAME: D ISHIDA
PROJECT CONTACT: M CONCEPTION	PROJECT PHONE NUMBER: 949-451-1667	PROJECT FAX: 949-475-5433	LABORATORY ADDRESS: 620 MAPLE		ADDRESS: 3347 MICHELSON #200
PROJECT ADDRESS:	CITY, STATE AND ZIP CODE:	CLIENT: S.W. DIV	CITY, STATE AND ZIP CODE: TORRANCE CA		CITY, STATE AND ZIP CODE: IRVINE CA
PROJECT MANAGER: B SEDLAK	PROJECT MANAGER'S PHONE: 949-660-5433	PROJECT MANAGER'S FAX:			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	8260B	8260B	8081/8082	4461	1002-T METALS	TPH-GAS	TPH-DIESEL	CHAMPS	Comments
1	186009 2742	S	2/6/00	0815	4°C	8	3	5 Day	X	X	X	X	X	X	X	X	
2	186009-2743 ~~2743~~ ~~186009~~			0820			3										
3	186009-2744 ~~2744~~			0845			3										
4	186009-2745			0845			3										
5	186009-2746			0855			3										
6	186009-2747			0905			3										
7	186009-2748			0910			3										
8	186009-2749			0915			3										
9	186009-2750			0920			3										
10	186009-2751			0935			3										

SAMPLES COLLECTED BY: MCMAINS

COURIER AND AIR BILL NUMBER: COURIER

COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
		2-3-00	900	

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Manilla - Project Data Manager

Project Information Section For Project Personnel Only Do Not Submit to Laboratory

PHOTO ANOMALY AREA #4

Sample Point Location	Sample Type G	C	F	QC
1 PAA #4 SB-01 ~~5.0-5.5' bgs~~ 5.0'-5.5'	X			
2 - PAA #4 - SB-01 ~~9.5'-10.0' bgs~~ 10.0'-10.5'	X			
3 - PAA #4 SB-01 ~~14.5'-15.0' bgs~~ 15.0'-15.5'	X			
4 PAA #4 SB-01 ~~19.5'-20.0' bgs~~ 20.0'-20.5'	X			
5 PAA #4 SB-02 ~~4.5'-5.0' bgs~~ 5.0'-5.5'	X			
6 PAA #4 - SB-02 ~~9.5'-10.0' bgs~~ 10.0'-10.5'	X			
7 PA-4 - SB-02 ~~14.5'-15.0' bgs~~ 15.0'-15.5'	X			
8 PA-4 - SB-02 ~~19.5'-20.0' bgs~~ 20.0'-20.5'	X			
9 PA-4 - SB-03 ~~4.5'-5.0' bgs~~ 5.0'-5.5'	X			
10 PA-4 - SB-03 ~~9.5-10.0' bgs~~ 10.0'-10.5'	X			

Comments

# of samples were included in invoice but COC # was not. 4/6/00 MG

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

(~~was not included~~ 4759

the IT Group

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CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY

A 10674

FORM 0019 REV. 9-99

PHOTO ANOMALY AREA #4

IT'S LAB COORDINATOR	LAB COORDINATOR'S PHONE	LAB COORDINATOR'S FAX	LABORATORY SERVICE ID	LABORATORY CONTACT	MAIL REPORT (COMPANY NAME)
M CONCEPTION	949-660-7550	949-475-5433	00B015	E MAK	IT GROUP

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY PHONE	LABORATORY FAX	RECIPIENT NAME
EL TORO POTO	MCAS EL TORO	186009	310-618-8889		D ISHIDA

PROJECT CONTACT	PROJECT PHONE NUMBER	PROJECT FAX	LABORATORY ADDRESS	ADDRESS
M CONCEPTION	949-451-1667	949-475-5433	630 MAPLE	3347 MICHELSON DRIVE

PROJECT ADDRESS	CITY, STATE AND ZIP CODE	CLIENT	CITY, STATE AND ZIP CODE	CITY, STATE AND ZIP CODE
—	—	SW DIV	TORRANCE	IRVINE CA 92612

PROJECT MANAGER	PROJECT MANAGER'S PHONE	PROJECT MANAGER'S FAX
R SEDLAK	949-660-5433	—

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: 8260 A	EPA 8272 B	EPA 8020 / 4082	EPA 8151	EPA 1010 - T MEDIA	EPA - GAS	TPH	VESSEL CLEANING	Comments
1	18609-2752	S	2-2-00	0940	4°C	8	3	5day	X	X	X	X	X	X	X	X	
2	18609-2753	S		0935			4										
3	18609-2754	S		0945			3										
4	18609-2755			0955			3										
5	18609-2756			1000			3										
6	18609-2757			1020			3										
7	18609-2758			1055			3										
8	18609-2759			1125			3										
9	18609-2760			1115			3										
10	18609-2761	W		1130			3										

SAMPLES COLLECTED BY: M-MAINS

COURIER AND AIR BILL NUMBER: COURIER

COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
		2-3-00	960	

Distribution: White - Laboratory (To be returned with Analytical Report); Goldenrod - Project File; Manilla - Project Data Manager

Project Information Section
For Project Personnel Only
Do Not Submit to Laboratory

PHOTO ANOMALY AREA #4

Sample Point Location	G	C	F	QC
(1) PA-4-SB-03 ~~(W) 14.5-15.0 bgs~~ 15.0'-15.5' bgs	X			
(2) PA-4-SB-03 ~~(W) 19.5-20.0'~~ 15.5'-16.0' bgs (Dup)	X			X
(3) PA-4-SB-03 ~~19.5-20.0' bgs~~ 20.0'-20.5' bgs	X			
(4) PA-4-SB-04 ~~4.5'-5.0' bgs~~ 5.0'-5.5' bgs	X			
(5) PA-4-SB-04 ~~9.5-10.0' bgs~~ (W) 10.0'-10.5' bgs	X			
(6) PA-4-SB-04 ~~(W) 19.5-20.0' bgs~~ 20.5'	X			
(7) PA-4-SB-05 5.0'-5.5' bgs	X			
(8) PA-4-SB-05 10.0'-10.5' bgs	X			
(9) PA-4-SB-05 20.0'-20.5' bgs	X			
(10) ~~RINSATE (W)~~ Equipment Rinsate	X			X

Comments

Sample Type: G - Grab, C - Composite, F - Field Sample, QC - Quality Control Sample

AC

4759

EMAX
LABORATORIES, INC.
630 Maple Ave.
Torrance, CA 90503
Telephone: (310) 618-8889
Fax: (310) 618-0818

Date: 03-03-2000
EMAX Batch No.: 00B015

Attn: Dwayne Ishida

IT Corporation
3347 Michelson Dr. # 200
Irvine CA 92612

Subject: Laboratory Report
Project: MCAS El Toro/18609/D.O. 70

Enclosed is the Laboratory report for samples received on 02/03/00. The data reported include :

Sample ID	Control #	Col Date	Matrix	Analysis
18609-2742	B015-01	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Purge & Trap
				Modified 8015 by Extraction
				Total Cyanide: Distillation
18609-2743	B015-02	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation
18609-2744	B015-03	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation
18609-2745	B015-04	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation

Sample ID	Control #	Col Date	Matrix	Analysis
18609-2746	B015-05	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation
18609-2747	B015-06	02/02/00	Soil	Total Cyanide: Distillation
				Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
18609-2748	B015-07	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation
18609-2749	B015-08	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation
18609-2750	B015-09	02/02/00	Soil	Total Cyanide: Distillation
				Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
18609-2751	B015-10	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation
18609-2752	B015-11	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation
18609-2753	B015-12	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS

EMAX LABORATORIES, INC., 630 Maple Ave., Torrance, CA 90503 TEL: (310) 618-8889 FAX: (310) 618-0818

Sample ID	Control #	Col Date	Matrix	Analysis
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation
18609-2754	B015-13	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation
18609-2755	B015-14	02/02/00	Soil	Total Cyanide: Distillation
				Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
18609-2756	B015-15	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation
18609-2757	B015-16	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation
18609-2758	B015-17	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation
18609-2759	B015-18	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation
18609-2760	B015-19	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals

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Sample ID	Control #	Col Date	Matrix	Analysis
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation
18609-2761	B015-20	02/02/00	water	Modified 8015 by Purge & Trap
				Modified 8015 by Extraction
				Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Cyanide: Distillation
18609-2762	B015-21	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
18609-2766	B015-25	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation
18609-2763	B015-22	02/02/00	Soil	Total Cyanide: Distillation
				Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
18609-2764	B015-23	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation
18609-2765	B015-24	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation

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Sample ID	Control #	Col Date	Matrix	Analysis
				Total Cyanide: Distillation
18609-2767	B015-26	02/02/00	Soil	Total Cyanide: Distillation
				Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
18609-2768	B015-27	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation
18609-2769	B015-28	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation
18609-2770	B015-29	02/02/00	Soil	Total Cyanide: Distillation
				Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
18609-2771	B015-30	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation
18609-2772	B015-31	02/02/00	Soil	Volatile Organics by GC/MS
				Semi Volatile Organics by GC/MS
				Pesticides and PCBs by GC
				Chlorinated Herbicides
				CAM Metals
				Mercury
				Modified 8015 by Extraction
				Modified 8015 by Purge & Trap
				Total Cyanide: Distillation
18609-2773	B015-32	02/02/00	water	Volatile Organics by GC/MS

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

Kam Y. Pang, Ph.D.
Laboratory Director

FMAX

464C

CASE NARRATIVE

CLIENT: IT CORPORATION

PROJECT: EL TORO/18609/D.O. 70

SDG: 00B015

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Two (2) water samples and thirty (30) soil samples were received on 02/03/99 to be analyzed for volatile organic by method 8260A in accordance with "Test Methods for Evaluating Solid Waste, Physical/Chemical methods, SW 846, Third Edition method 8260A.

1. **Holding Time**

   Analytical holding time was met.

2. **Surrogate Recovery**

   All surrogate recoveries were within QC limits.

3. **Matrix Spike/Matrix Spike Duplicate**

   Sample 00B015-30 was spiked. All recoveries were within QC limits.

4. **Lab Control Sample/Lab Control Duplicate**

   All recoveries were within QC limits.

5. **Method Blank**

   A water method blank (MBLK1W) and one soil method (MBLW3S) had methylene chloride level above PQL. However, methylene chloride in all soil samples (00B015-13, 15 to 19, and 21) associated with the MBLK3S was below PQL. Methylene chloride in two water samples (00B015-20 and 32) associated with the MBLK1W was below PQL in 00B-15-20 but was slightly above PRL in 00B015-32. One preparative blank, MBLK4S (VPB005SB), was contaminated with methylene chloride and trichloroethene. However, alll samples associated with the MBLK4S (samples 00B015-16 to 19 and 21) had methylene chloride and trichloroethene below PQL.

6. **Tuning and Calibration**

   Tuning and calibration were carried out at 12-hour interval. All QC requirements were met.

7. **Sample Analysis**

   All analyses were performed within QC requirements except as aforementioned.

   Samples 00B015-01,02, 06 to 12, 14, 22 to 31 were reanalyzed due to failed QC criteria in initial analyses. Only the reanalysis results were reported.

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/03/00 20:00
Sample ID	: 18609-2742	Date Analyzed:	02/10/00 14:22
Lab Samp ID	: B015-01R	Dilution Factor:	1.2
Lab File ID	: RBQ206	Matrix	: SOIL
Prep Btch ID	: VOB1305	% Moisture	: 8.4
Calib. Ref.	: RBQ200	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	6.6	.43
1,1,2,2-TETRACHLOROETHANE	ND	6.6	.43
1,1,2-TRICHLOROETHANE	ND	6.6	.31
1,1-DICHLOROETHANE	ND	6.6	.4
1,1-DICHLOROETHENE	ND	6.6	.7
1,2-DICHLOROETHANE	ND	6.6	.43
1,2-DICHLOROPROPANE	ND	6.6	.49
2-BUTANONE	ND	66	6.7
2-CHLOROETHYLVINYLETHER	ND	66	.22
2-HEXANONE	ND	66	1.6
4-METHYL-2-PENTANONE	ND	66	1.5
ACETONE	55J	66	5.4
BENZENE	ND	6.6	.32
BROMODICHLOROMETHANE	ND	6.6	.34
BROMOFORM	ND	6.6	.37
BROMOMETHANE	ND	6.6	.84
CARBON DISULFIDE	ND	6.6	.17
CARBON TETRACHLORIDE	ND	6.6	1
CHLOROBENZENE	ND	6.6	.26
CHLOROETHANE	ND	6.6	2.3
CHLOROFORM	ND	6.6	.56
[illegible]ETHANE	ND	6.6	2.7
[illegible]-DICHLOROETHENE	ND	6.6	.38
CIS-1,3-DICHLOROPROPENE	ND	6.6	.29
DIBROMOCHLOROMETHANE	ND	6.6	.1
ETHYLBENZENE	ND	6.6	.51
MTBE	ND	13	.49
METHYLENE CHLORIDE	ND	6.6	.54
STYRENE	ND	6.6	.57
TETRACHLOROETHENE	ND	6.6	.32
TOLUENE	ND	6.6	.41
TRANS-1,2-DICHLOROETHENE	ND	6.6	.38
TRANS-1,3-DICHLOROPROPENE	ND	6.6	.87
TRICHLOROETHENE	ND	6.6	.33
VINYL ACETATE	ND	66	.94
VINYL CHLORIDE	ND	6.6	1.3
XYLENES	ND	6.6	1.4

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	105	52-149
TOLUENE-D8	99	65-135
BROMOFLUOROBENZENE	109	65-135

PRL: Project Reporting Limit
[illegible] : Out side of QC Limit
J : An estimated value between PRL and MDL
E : Value exceed the upper level of the initial calibration
[illegible] : Found in the associated blank
[illegible] : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 008015	Date Extracted:	02/03/00 20:00
Sample ID:	18609-2743	Date Analyzed:	02/10/00 14:59
Lab Samp ID:	B015-02R	Dilution Factor:	0.92
Lab File ID:	RBQ207	Matrix :	SOIL
Ext Btch ID:	VOB1305	% Moisture :	14.3
Calib. Ref.:	RBQ200	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5.4	.36
1,1,2,2-TETRACHLOROETHANE	ND	5.4	.36
1,1,2-TRICHLOROETHANE	ND	5.4	.25
1,1-DICHLOROETHANE	ND	5.4	.33
1,1-DICHLOROETHENE	ND	5.4	.58
1,2-DICHLOROETHANE	ND	5.4	.35
1,2-DICHLOROPROPANE	ND	5.4	.4
2-BUTANONE	ND	54	5.5
2-CHLOROETHYLVINYLETHER	ND	54	.18
2-HEXANONE	ND	54	1.3
4-METHYL-2-PENTANONE	ND	54	1.2
ACETONE	23J	54	4.4
BENZENE	ND	5.4	.27
BROMODICHLOROMETHANE	ND	5.4	.28
BROMOFORM	ND	5.4	.3
BROMOMETHANE	ND	5.4	.69
CARBON DISULFIDE	ND	5.4	.14
CARBON TETRACHLORIDE	ND	5.4	.85
CHLOROBENZENE	ND	5.4	.21
CHLOROETHANE	ND	5.4	1.9
CHLOROFORM	ND	5.4	.46
CHLOROMETHANE	ND	5.4	2.2
CIS-1,2-DICHLOROETHENE	ND	5.4	.31
CIS-1,3-DICHLOROPROPENE	ND	5.4	.24
DIBROMOCHLOROMETHANE	ND	5.4	.085
ETHYLBENZENE	ND	5.4	.42
MTBE	ND	11	.4
METHYLENE CHLORIDE	ND	5.4	.44
STYRENE	ND	5.4	.47
TETRACHLOROETHENE	ND	5.4	.26
TOLUENE	ND	5.4	.34
TRANS-1,2-DICHLOROETHENE	ND	5.4	.31
TRANS-1,3-DICHLOROPROPENE	ND	5.4	.71
TRICHLOROETHENE	ND	5.4	.27
VINYL ACETATE	ND	54	.77
VINYL CHLORIDE	ND	5.4	1.1
XYLENES	ND	5.4	1.2

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	100	52-149
TOLUENE-D8	100	65-135
BROMOFLUOROBENZENE	105	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
E : Value exceed the upper level of the initial calibration
B : Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/03/00 20:00
Sample ID:	18609-2744	Date Analyzed:	02/05/00 10:58
Lab Samp ID:	B015-03	Dilution Factor:	1
Lab File ID:	RBQ105	Matrix :	SOIL
Lkt Btch ID:	VOB0605	% Moisture :	4.2
Calib. Ref.:	RBQ096	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5.2	.35
1,1,2,2-TETRACHLOROETHANE	ND	5.2	.35
1,1,2-TRICHLOROETHANE	ND	5.2	.24
1,1-DICHLOROETHANE	ND	5.2	.32
1,1-DICHLOROETHENE	ND	5.2	.56
1,2-DICHLOROETHANE	ND	5.2	.34
1,2-DICHLOROPROPANE	ND	5.2	.39
2-BUTANONE	ND	52	5.3
2-CHLOROETHYLVINYLETHER	ND	52	.18
2-HEXANONE	ND	52	1.3
4-METHYL-2-PENTANONE	ND	52	1.2
ACETONE	ND	52	4.3
BENZENE	ND	5.2	.26
BROMODICHLOROMETHANE	ND	5.2	.27
BROMOFORM	ND	5.2	.29
BROMOMETHANE	ND	5.2	.67
CARBON DISULFIDE	ND	5.2	.13
CARBON TETRACHLORIDE	ND	5.2	.83
CHLOROBENZENE	ND	5.2	.21
CHLOROETHANE	ND	5.2	1.9
CHLOROFORM	ND	5.2	.44
CHLOROMETHANE	ND	5.2	2.1
CIS-1,2-DICHLOROETHENE	ND	5.2	.3
CIS-1,3-DICHLOROPROPENE	ND	5.2	.23
DIBROMOCHLOROMETHANE	ND	5.2	.082
ETHYLBENZENE	ND	5.2	.41
MTBE	ND	10	.39
METHYLENE CHLORIDE	3.2JB	5.2	.43
STYRENE	ND	5.2	.46
TETRACHLOROETHENE	ND	5.2	.25
TOLUENE	ND	5.2	.33
TRANS-1,2-DICHLOROETHENE	ND	5.2	.3
TRANS-1,3-DICHLOROPROPENE	ND	5.2	.7
TRICHLOROETHENE	ND	5.2	.27
VINYL ACETATE	ND	52	.75
VINYL CHLORIDE	ND	5.2	1.1
XYLENES	ND	5.2	1.1

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	95	52-149
TOLUENE-D8	96	65-135
BROMOFLUOROBENZENE	97	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
: Value exceed the upper level of the initial calibration
: Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/03/00 20:00
Sample ID:	18609-2745	Date Analyzed:	02/05/00 11:46
Lab Samp ID:	B015-04	Dilution Factor:	1.1
Lab File ID:	RBQ106	Matrix :	SOIL
Ext Btch ID:	VOB0605	% Moisture :	5.3
Calib. Ref.:	RBQ096	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5.8	.38
1,1,2,2-TETRACHLOROETHANE	ND	5.8	.38
1,1,2-TRICHLOROETHANE	ND	5.8	.27
1,1-DICHLOROETHANE	ND	5.8	.35
1,1-DICHLOROETHENE	ND	5.8	.62
1,2-DICHLOROETHANE	ND	5.8	.38
1,2-DICHLOROPROPANE	ND	5.8	.44
2-BUTANONE	ND	58	5.9
2-CHLOROETHYLVINYLETHER	ND	58	.2
2-HEXANONE	ND	58	1.4
4-METHYL-2-PENTANONE	ND	58	1.3
ACETONE	ND	58	4.7
BENZENE	ND	5.8	.29
BROMODICHLOROMETHANE	ND	5.8	.3
BROMOFORM	ND	5.8	.32
BROMOMETHANE	ND	5.8	.74
CARBON DISULFIDE	ND	5.8	.15
CARBON TETRACHLORIDE	ND	5.8	.92
CHLOROBENZENE	ND	5.8	.23
CHLOROETHANE	ND	5.8	2.1
CHLOROFORM	ND	5.8	.49
CHLOROMETHANE	ND	5.8	2.4
CIS-1,2-DICHLOROETHENE	ND	5.8	.34
CIS-1,3-DICHLOROPROPENE	ND	5.8	.26
DIBROMOCHLOROMETHANE	ND	5.8	.092
ETHYLBENZENE	ND	5.8	.46
MTBE	ND	12	.43
METHYLENE CHLORIDE	3.6JB	5.8	.48
STYRENE	ND	5.8	.51
TETRACHLOROETHENE	ND	5.8	.28
TOLUENE	.76J	5.8	.36
TRANS-1,2-DICHLOROETHENE	ND	5.8	.33
TRANS-1,3-DICHLOROPROPENE	ND	5.8	.77
TRICHLOROETHENE	ND	5.8	.3
VINYL ACETATE	ND	58	.83
VINYL CHLORIDE	ND	5.8	1.2
XYLENES	ND	5.8	1.3

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	59	52-149
TOLUENE-D8	93	65-135
BROMOFLUOROBENZENE	105	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
E : Value exceed the upper level of the initial calibration
B : Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/03/00 20:00
Sample ID:	18609-2746	Date Analyzed:	02/05/00 12:33
Lab Samp ID:	B015-05	Dilution Factor:	1
Lab File ID:	RBQ107	Matrix :	SOIL
Qkt Btch ID:	VOB0605	% Moisture :	7.4
Calib. Ref.:	RBQ096	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5.4	.36
1,1,2,2-TETRACHLOROETHANE	ND	5.4	.36
1,1,2-TRICHLOROETHANE	ND	5.4	.25
1,1-DICHLOROETHANE	ND	5.4	.33
1,1-DICHLOROETHENE	ND	5.4	.58
1,2-DICHLOROETHANE	ND	5.4	.35
1,2-DICHLOROPROPANE	ND	5.4	.41
2-BUTANONE	ND	54	5.5
2-CHLOROETHYLVINYLETHER	ND	54	.18
2-HEXANONE	ND	54	1.3
4-METHYL-2-PENTANONE	ND	54	1.2
ACETONE	32J	54	4.4
BENZENE	ND	5.4	.27
BROMODICHLOROMETHANE	ND	5.4	.28
BROMOFORM	ND	5.4	.3
BROMOMETHANE	ND	5.4	.69
CARBON DISULFIDE	ND	5.4	.14
CARBON TETRACHLORIDE	ND	5.4	.85
CHLOROBENZENE	ND	5.4	.21
CHLOROETHANE	ND	5.4	1.9
CHLOROFORM	ND	5.4	.46
CHLOROMETHANE	ND	5.4	2.2
CIS-1,2-DICHLOROETHENE	ND	5.4	.31
CIS-1,3-DICHLOROPROPENE	ND	5.4	.24
DIBROMOCHLOROMETHANE	ND	5.4	.085
ETHYLBENZENE	ND	5.4	.42
MTBE	ND	11	.4
METHYLENE CHLORIDE	4.3JB	5.4	.44
STYRENE	ND	5.4	.47
TETRACHLOROETHENE	ND	5.4	.26
TOLUENE	ND	5.4	.34
TRANS-1,2-DICHLOROETHENE	ND	5.4	.31
TRANS-1,3-DICHLOROPROPENE	ND	5.4	.72
TRICHLOROETHENE	ND	5.4	.28
VINYL ACETATE	ND	54	.77
VINYL CHLORIDE	ND	5.4	1.1
XYLENES	ND	5.4	1.2

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	98	52-149
TOLUENE-D8	112	65-135
BROMOFLUOROBENZENE	102	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
: Value exceed the upper level of the initial calibration
: Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/03/00 20:00
Sample ID:	18609-2747	Date Analyzed:	02/10/00 15:42
Lab Samp ID:	B015-06R	Dilution Factor:	1.1
Lab File ID:	RBQ208	Matrix :	SOIL
Ext Btch ID:	VOB1305	% Moisture :	17.9
Calib. Ref.:	RBQ200	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	6.7	.44
1,1,2,2-TETRACHLOROETHANE	ND	6.7	.44
1,1,2-TRICHLOROETHANE	ND	6.7	.31
1,1-DICHLOROETHANE	ND	6.7	.41
1,1-DICHLOROETHENE	ND	6.7	.72
1,2-DICHLOROETHANE	ND	6.7	.44
1,2-DICHLOROPROPANE	ND	6.7	.5
2-BUTANONE	ND	67	6.9
2-CHLOROETHYLVINYLETHER	ND	67	.23
2-HEXANONE	ND	67	1.7
4-METHYL-2-PENTANONE	ND	67	1.5
ACETONE	23J	67	5.5
BENZENE	ND	6.7	.33
BROMODICHLOROMETHANE	ND	6.7	.35
BROMOFORM	ND	6.7	.37
BROMOMETHANE	ND	6.7	.86
CARBON DISULFIDE	ND	6.7	.17
CARBON TETRACHLORIDE	ND	6.7	1.1
CHLOROBENZENE	ND	6.7	.26
CHLOROETHANE	ND	6.7	2.4
CHLOROFORM	ND	6.7	.57
CHLOROMETHANE	ND	6.7	2.8
CIS-1,2-DICHLOROETHENE	ND	6.7	.39
CIS-1,3-DICHLOROPROPENE	ND	6.7	.3
DIBROMOCHLOROMETHANE	ND	6.7	.11
ETHYLBENZENE	ND	6.7	.53
MTBE	ND	13	.5
METHYLENE CHLORIDE	ND	6.7	.55
STYRENE	ND	6.7	.59
TETRACHLOROETHENE	ND	6.7	.33
TOLUENE	ND	6.7	.42
TRANS-1,2-DICHLOROETHENE	ND	6.7	.39
TRANS-1,3-DICHLOROPROPENE	ND	6.7	.89
TRICHLOROETHENE	ND	6.7	.34
VINYL ACETATE	ND	67	.96
VINYL CHLORIDE	ND	6.7	1.4
XYLENES	ND	6.7	1.5

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	101	52-149
TOLUENE-D8	99	65-135
BROMOFLUOROBENZENE	105	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
E : Value exceed the upper level of the initial calibration
B : Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/03/00 20:00
Sample ID:	18609-2748	Date Analyzed:	02/10/00 16:19
Lab Samp ID:	B015-07R	Dilution Factor:	1
Lab File ID:	RBQ209	Matrix :	SOIL
Ext Btch ID:	VOB1305	% Moisture :	12.2
Calib. Ref.:	RBQ200	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5.7	.38
1,1,2,2-TETRACHLOROETHANE	ND	5.7	.38
1,1,2-TRICHLOROETHANE	ND	5.7	.27
1,1-DICHLOROETHANE	ND	5.7	.35
1,1-DICHLOROETHENE	ND	5.7	.61
1,2-DICHLOROETHANE	ND	5.7	.37
1,2-DICHLOROPROPANE	ND	5.7	.43
2-BUTANONE	ND	57	5.8
2-CHLOROETHYLVINYLETHER	ND	57	.19
2-HEXANONE	ND	57	1.4
4-METHYL-2-PENTANONE	ND	57	1.3
ACETONE	17J	57	4.7
BENZENE	ND	5.7	.28
BROMODICHLOROMETHANE	ND	5.7	.29
BROMOFORM	ND	5.7	.32
BROMOMETHANE	ND	5.7	.73
CARBON DISULFIDE	ND	5.7	.14
CARBON TETRACHLORIDE	ND	5.7	.9
CHLOROBENZENE	ND	5.7	.22
CHLOROETHANE	ND	5.7	2
CHLOROFORM	ND	5.7	.48
[illegible]ETHANE	ND	5.7	2.3
[illegible]-DICHLOROETHENE	ND	5.7	.33
CIS-1,3-DICHLOROPROPENE	ND	5.7	.25
DIBROMOCHLOROMETHANE	ND	5.7	.09
ETHYLBENZENE	ND	5.7	.45
MTBE	ND	11	.42
METHYLENE CHLORIDE	ND	5.7	.47
STYRENE	ND	5.7	.5
TETRACHLOROETHENE	ND	5.7	.28
TOLUENE	ND	5.7	.36
TRANS-1,2-DICHLOROETHENE	ND	5.7	.33
TRANS-1,3-DICHLOROPROPENE	ND	5.7	.76
TRICHLOROETHENE	ND	5.7	.29
VINYL ACETATE	ND	57	.82
VINYL CHLORIDE	ND	5.7	1.2
XYLENES	ND	5.7	1.2

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	100	52-149
TOLUENE-D8	100	65-135
BROMOFLUOROBENZENE	103	65-135

PRL: Project Reporting Limit
: Out side of QC Limit
J : An estimated value between PRL and MDL
E : Value exceed the upper level of the initial calibration
: Found in the associated blank
: Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/03/00 20:00
Sample ID:	18609-2749	Date Analyzed:	02/10/00 16:57
Lab Samp ID:	B015-08R	Dilution Factor:	1.3
Lab File ID:	RBQ210	Matrix :	SOIL
Ext Btch ID:	VOB1305	% Moisture :	4.2
Calib. Ref.:	RBQ200	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	6.8	.45
1,1,2,2-TETRACHLOROETHANE	ND	6.8	.45
1,1,2-TRICHLOROETHANE	ND	6.8	.32
1,1-DICHLOROETHANE	ND	6.8	.41
1,1-DICHLOROETHENE	ND	6.8	.73
1,2-DICHLOROETHANE	ND	6.8	.44
1,2-DICHLOROPROPANE	ND	6.8	.51
2-BUTANONE	ND	68	6.9
2-CHLOROETHYLVINYLETHER	ND	68	.23
2-HEXANONE	ND	68	1.7
4-METHYL-2-PENTANONE	ND	68	1.5
ACETONE	ND	68	5.5
BENZENE	ND	6.8	.34
BROMODICHLOROMETHANE	ND	6.8	.35
BROMOFORM	ND	6.8	.38
BROMOMETHANE	ND	6.8	.87
CARBON DISULFIDE	ND	6.8	.17
CARBON TETRACHLORIDE	ND	6.8	1.1
CHLOROBENZENE	ND	6.8	.27
CHLOROETHANE	ND	6.8	2.4
CHLOROFORM	ND	6.8	.58
CHLOROMETHANE	ND	6.8	2.8
CIS-1,2-DICHLOROETHENE	ND	6.8	.39
CIS-1,3-DICHLOROPROPENE	ND	6.8	.3
DIBROMOCHLOROMETHANE	ND	6.8	.11
ETHYLBENZENE	ND	6.8	.53
MTBE	ND	14	.5
METHYLENE CHLORIDE	ND	6.8	.56
STYRENE	ND	6.8	.59
TETRACHLOROETHENE	ND	6.8	.33
TOLUENE	ND	6.8	.43
TRANS-1,2-DICHLOROETHENE	ND	6.8	.39
TRANS-1,3-DICHLOROPROPENE	ND	6.8	.9
TRICHLOROETHENE	ND	6.8	.35
VINYL ACETATE	ND	68	.97
VINYL CHLORIDE	ND	6.8	1.4
XYLENES	ND	6.8	1.5

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	111	52-149
TOLUENE-D8	101	65-135
BROMOFLUOROBENZENE	99	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
E : Value exceed the upper level of the initial calibration
B : Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/03/00 20:00
Sample ID:	18609-2750	Date Analyzed:	02/10/00 17:35
Lab Samp ID:	B015-09R	Dilution Factor:	1.3
Lab File ID:	RBQ211	Matrix :	SOIL
Prkt Btch ID:	VOB1305	% Moisture :	7.9
Calib. Ref.:	RBQ200	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	7.1	.47
1,1,2,2-TETRACHLOROETHANE	ND	7.1	.47
1,1,2-TRICHLOROETHANE	ND	7.1	.33
1,1-DICHLOROETHANE	ND	7.1	.43
1,1-DICHLOROETHENE	ND	7.1	.76
1,2-DICHLOROETHANE	ND	7.1	.46
1,2-DICHLOROPROPANE	ND	7.1	.53
2-BUTANONE	ND	71	7.2
2-CHLOROETHYLVINYLETHER	ND	71	.24
2-HEXANONE	ND	71	1.8
4-METHYL-2-PENTANONE	ND	71	1.6
ACETONE	43J	71	5.8
BENZENE	ND	7.1	.35
BROMODICHLOROMETHANE	ND	7.1	.37
BROMOFORM	ND	7.1	.39
BROMOMETHANE	ND	7.1	.9
CARBON DISULFIDE	ND	7.1	.18
CARBON TETRACHLORIDE	ND	7.1	1.1
CHLOROBENZENE	ND	7.1	.28
CHLOROETHANE	ND	7.1	2.5
CHLOROFORM	ND	7.1	.6
CHLOROMETHANE	ND	7.1	2.9
CIS-1,2-DICHLOROETHENE	ND	7.1	.41
CIS-1,3-DICHLOROPROPENE	ND	7.1	.31
DIBROMOCHLOROMETHANE	ND	7.1	.11
ETHYLBENZENE	ND	7.1	.55
MTBE	ND	14	.52
METHYLENE CHLORIDE	ND	7.1	.58
STYRENE	ND	7.1	.62
TETRACHLOROETHENE	ND	7.1	.34
TOLUENE	ND	7.1	.44
TRANS-1,2-DICHLOROETHENE	ND	7.1	.41
TRANS-1,3-DICHLOROPROPENE	ND	7.1	.94
TRICHLOROETHENE	ND	7.1	.36
VINYL ACETATE	ND	71	1
VINYL CHLORIDE	ND	7.1	1.4
XYLENES	ND	7.1	1.5

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	109	52-149
TOLUENE-D8	102	65-135
BROMOFLUOROBENZENE	105	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
E : Value exceed the upper level of the initial calibration
B : Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/03/00 20:00
Sample ID:	18609-2751	Date Analyzed:	02/10/00 18:12
Lab Samp ID:	B015-10R	Dilution Factor:	1.1
Lab File ID:	RBQ212	Matrix :	SOIL
Ext Btch ID:	VOB1305	% Moisture :	17.8
Calib. Ref.:	RBQ200	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	6.7	.44
1,1,2,2-TETRACHLOROETHANE	ND	6.7	.44
1,1,2-TRICHLOROETHANE	ND	6.7	.31
1,1-DICHLOROETHANE	ND	6.7	.41
1,1-DICHLOROETHENE	ND	6.7	.72
1,2-DICHLOROETHANE	ND	6.7	.44
1,2-DICHLOROPROPANE	ND	6.7	.5
2-BUTANONE	ND	67	6.9
2-CHLOROETHYLVINYLETHER	ND	67	.23
2-HEXANONE	ND	67	1.7
4-METHYL-2-PENTANONE	ND	67	1.5
ACETONE	29J	67	5.5
BENZENE	ND	6.7	.33
BROMODICHLOROMETHANE	ND	6.7	.35
BROMOFORM	ND	6.7	.37
BROMOMETHANE	ND	6.7	.86
CARBON DISULFIDE	ND	6.7	.17
CARBON TETRACHLORIDE	ND	6.7	1.1
CHLOROBENZENE	ND	6.7	.26
CHLOROETHANE	ND	6.7	2.4
CHLOROFORM	ND	6.7	.57
CHLOROMETHANE	ND	6.7	2.8
CIS-1,2-DICHLOROETHENE	ND	6.7	.39
CIS-1,3-DICHLOROPROPENE	ND	6.7	.3
DIBROMOCHLOROMETHANE	ND	6.7	.11
ETHYLBENZENE	ND	6.7	.52
MTBE	ND	13	.5
METHYLENE CHLORIDE	ND	6.7	.55
STYRENE	ND	6.7	.59
TETRACHLOROETHENE	ND	6.7	.33
TOLUENE	ND	6.7	.42
TRANS-1,2-DICHLOROETHENE	ND	6.7	.39
TRANS-1,3-DICHLOROPROPENE	ND	6.7	.89
TRICHLOROETHENE	ND	6.7	.34
VINYL ACETATE	ND	67	.96
VINYL CHLORIDE	ND	6.7	1.4
XYLENES	ND	6.7	1.5

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	106	52-149
TOLUENE-D8	102	65-135
BROMOFLUOROBENZENE	102	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
E : Value exceed the upper level of the initial calibration
B : Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

[redacted]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[redacted]atch No.	: 00B015	Date Extracted:	02/03/00 20:00
[redacted]ample ID:	18609-2752	Date Analyzed:	02/10/00 18:49
[redacted]ab Samp ID:	B015-11R	Dilution Factor:	1
Lab File ID:	RBQ213	Matrix	: SOIL
Ext Btch ID:	VOB1305	% Moisture	: 8.9
[redacted]alib. Ref.:	RBQ200	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
[redacted]1,1-TRICHLOROETHANE	ND	5.5	.36
1,1,2,2-TETRACHLOROETHANE	ND	5.5	.36
1,1,2-TRICHLOROETHANE	ND	5.5	.26
[redacted]1-DICHLOROETHANE	ND	5.5	.33
[redacted]1-DICHLOROETHENE	ND	5.5	.59
[redacted]2-DICHLOROETHANE	ND	5.5	.36
1,2-DICHLOROPROPANE	ND	5.5	.41
2-BUTANONE	ND	55	5.6
[redacted]CHLOROETHYLVINYLETHER	ND	55	.19
[redacted]HEXANONE	ND	55	1.4
4-METHYL-2-PENTANONE	ND	55	1.2
ACETONE	11J	55	4.5
[redacted]NZENE	ND	5.5	.27
[redacted]OMODICHLOROMETHANE	ND	5.5	.28
[redacted]OMOFORM	ND	5.5	.31
BROMOMETHANE	ND	5.5	.7
CARBON DISULFIDE	ND	5.5	.14
[redacted]RBON TETRACHLORIDE	ND	5.5	.87
[redacted]LOROBENZENE	ND	5.5	.22
CHLOROETHANE	ND	5.5	1.9
CHLOROFORM	ND	5.5	.47
[redacted]ETHANE	ND	5.5	2.3
[redacted]DICHLOROETHENE	ND	5.5	.32
[redacted]-DICHLOROPROPENE	ND	5.5	.24
DIBROMOCHLOROMETHANE	ND	5.5	.087
ETHYLBENZENE	ND	5.5	.43
[redacted]BE	ND	11	.41
[redacted]THYLENE CHLORIDE	ND	5.5	.45
STYRENE	ND	5.5	.48
TETRACHLOROETHENE	ND	5.5	.27
[redacted]LUENE	ND	5.5	.34
[redacted]ANS-1,2-DICHLOROETHENE	ND	5.5	.32
[redacted]ANS-1,3-DICHLOROPROPENE	ND	5.5	.73
TRICHLOROETHENE	ND	5.5	.28
VINYL ACETATE	ND	55	.79
[redacted]NYL CHLORIDE	ND	5.5	1.1
[redacted]LENES	ND	5.5	1.2

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
[redacted]2-DICHLOROETHANE-D4	102	52-149
[redacted]LUENE-D8	100	65-135
BROMOFLUOROBENZENE	101	65-135

[redacted]L: Project Reporting Limit
[redacted] : Out side of QC Limit
J : An estimated value between PRL and MDL
E : Value exceed the upper level of the initial calibration
[redacted] : Found in the associated blank
[redacted] : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/03/00 20:00
Sample ID:	18609-2753	Date Analyzed:	02/10/00 19:27
Lab Samp ID:	B015-12R	Dilution Factor:	1.3
Lab File ID:	RBQ214	Matrix :	SOIL
Ext Btch ID:	VOB1305	% Moisture :	6.8
Calib. Ref.:	RBQ200	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	7	.46
1,1,2,2-TETRACHLOROETHANE	ND	7	.46
1,1,2-TRICHLOROETHANE	ND	7	.32
1,1-DICHLOROETHANE	ND	7	.42
1,1-DICHLOROETHENE	ND	7	.75
1,2-DICHLOROETHANE	ND	7	.45
1,2-DICHLOROPROPANE	ND	7	.52
2-BUTANONE	ND	70	7.1
2-CHLOROETHYLVINYLETHER	ND	70	.24
2-HEXANONE	ND	70	1.7
4-METHYL-2-PENTANONE	ND	70	1.6
ACETONE	16J	70	5.7
BENZENE	ND	7	.35
BROMODICHLOROMETHANE	ND	7	.36
BROMOFORM	ND	7	.39
BROMOMETHANE	ND	7	.89
CARBON DISULFIDE	ND	7	.18
CARBON TETRACHLORIDE	ND	7	1.1
CHLOROBENZENE	ND	7	.27
CHLOROETHANE	ND	7	2.5
CHLOROFORM	ND	7	.59
CHLOROMETHANE	ND	7	2.9
CIS-1,2-DICHLOROETHENE	ND	7	.41
CIS-1,3-DICHLOROPROPENE	ND	7	.31
DIBROMOCHLOROMETHANE	ND	7	.11
ETHYLBENZENE	ND	7	.55
MTBE	ND	14	.52
METHYLENE CHLORIDE	ND	7	.57
STYRENE	ND	7	.61
TETRACHLOROETHENE	ND	7	.34
TOLUENE	ND	7	.44
TRANS-1,2-DICHLOROETHENE	ND	7	.4
TRANS-1,3-DICHLOROPROPENE	ND	7	.93
TRICHLOROETHENE	ND	7	.36
VINYL ACETATE	ND	70	1.0
VINYL CHLORIDE	ND	7	1.4
XYLENES	ND	7	1.5

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	107	52-149
TOLUENE-D8	100	65-135
BROMOFLUOROBENZENE	100	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
E : Value exceed the upper level of the initial calibration
B : Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/03/00 20:00
Sample ID	: 18609-2754	Date Analyzed:	02/06/00 03:38
Lab Samp ID	: B015-13	Dilution Factor:	1.3
Lab File ID	: RBQ126	Matrix	: SOIL
Ext Btch ID	: VOB0805	% Moisture	: 7.6
Calib. Ref.	: RBQ118	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	7	.47
1,1,2,2-TETRACHLOROETHANE	ND	7	.47
1,1,2-TRICHLOROETHANE	ND	7	.33
1,1-DICHLOROETHANE	ND	7	.43
1,1-DICHLOROETHENE	ND	7	.76
1,2-DICHLOROETHANE	ND	7	.46
1,2-DICHLOROPROPANE	ND	7	.53
2-BUTANONE	ND	70	7.2
2-CHLOROETHYLVINYLETHER	ND	70	.24
2-HEXANONE	ND	70	1.8
4-METHYL-2-PENTANONE	ND	70	1.6
ACETONE	ND	70	5.8
BENZENE	ND	7	.35
BROMODICHLOROMETHANE	ND	7	.36
BROMOFORM	ND	7	.39
BROMOMETHANE	ND	7	.9
CARBON DISULFIDE	ND	7	.18
CARBON TETRACHLORIDE	ND	7	1.1
CHLOROBENZENE	ND	7	.28
CHLOROETHANE	ND	7	2.5
CHLOROFORM	ND	7	.6
CHLOROMETHANE	ND	7	2.9
CIS-1,2-DICHLOROETHENE	ND	7	.41
CIS-1,3-DICHLOROPROPENE	ND	7	.31
DIBROMOCHLOROMETHANE	ND	7	.11
ETHYLBENZENE	ND	7	.55
MTBE	ND	14	.52
METHYLENE CHLORIDE	4.3JB	7	.58
STYRENE	ND	7	.62
TETRACHLOROETHENE	ND	7	.34
TOLUENE	ND	7	.44
TRANS-1,2-DICHLOROETHENE	ND	7	.41
TRANS-1,3-DICHLOROPROPENE	ND	7	.94
TRICHLOROETHENE	ND	7	.36
VINYL ACETATE	ND	70	1
VINYL CHLORIDE	ND	7	1.4
XYLENES	ND	7	1.5

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	56	52-149
TOLUENE-D8	92	65-135
BROMOFLUOROBENZENE	99	65-135

PRL : Project Reporting Limit
QC : Out side of QC Limit
J : An estimated value between PRL and MDL
E : Value exceed the upper level of the initial calibration
B : Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/03/00 20:00
Sample ID:	18609-2755	Date Analyzed:	02/10/00 20:04
Lab Samp ID:	B015-14R	Dilution Factor:	1.1
Lab File ID:	RBQ215	Matrix :	SOIL
Ext Btch ID:	VOB1305	% Moisture :	8.9
Calib. Ref.:	RBQ200	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	6	.4
1,1,2,2-TETRACHLOROETHANE	ND	6	.4
1,1,2-TRICHLOROETHANE	ND	6	.28
1,1-DICHLOROETHANE	ND	6	.37
1,1-DICHLOROETHENE	ND	6	.65
1,2-DICHLOROETHANE	ND	6	.39
1,2-DICHLOROPROPANE	ND	6	.45
2-BUTANONE	15J	60	6.2
2-CHLOROETHYLVINYLETHER	ND	60	.21
2-HEXANONE	ND	60	1.5
4-METHYL-2-PENTANONE	ND	60	1.4
ACETONE	59J	60	4.9
BENZENE	ND	6	.3
BROMODICHLOROMETHANE	ND	6	.31
BROMOFORM	ND	6	.34
BROMOMETHANE	ND	6	.77
CARBON DISULFIDE	ND	6	.15
CARBON TETRACHLORIDE	ND	6	.96
CHLOROBENZENE	ND	6	.24
CHLOROETHANE	ND	6	2.1
CHLOROFORM	ND	6	.51
CHLOROMETHANE	ND	6	2.5
CIS-1,2-DICHLOROETHENE	ND	6	.35
CIS-1,3-DICHLOROPROPENE	ND	6	.27
DIBROMOCHLOROMETHANE	ND	6	.095
ETHYLBENZENE	ND	6	.47
MTBE	ND	12	.45
METHYLENE CHLORIDE	ND	6	.49
STYRENE	ND	6	.53
TETRACHLOROETHENE	ND	6	.29
TOLUENE	ND	6	.38
TRANS-1,2-DICHLOROETHENE	ND	6	.35
TRANS-1,3-DICHLOROPROPENE	ND	6	.8
TRICHLOROETHENE	ND	6	.31
VINYL ACETATE	ND	60	.86
VINYL CHLORIDE	ND	6	1.2
XYLENES	ND	6	1.3

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	111	52-149
TOLUENE-D8	99	65-135
BROMOFLUOROBENZENE	100	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
E : Value exceed the upper level of the initial calibration
B : Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/03/00 20:00
Sample ID:	18609-2756	Date Analyzed:	02/06/00 05:13
Lab Samp ID:	B015-15	Dilution Factor:	0.93
Lab File ID:	RBQ128	Matrix :	SOIL
Qt Btch ID:	VOB0805	% Moisture :	17.2
Calib. Ref.:	RBQ118	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5.6	.37
1,1,2,2-TETRACHLOROETHANE	ND	5.6	.37
1,1,2-TRICHLOROETHANE	ND	5.6	.26
1,1-DICHLOROETHANE	ND	5.6	.34
1,1-DICHLOROETHENE	ND	5.6	.6
1,2-DICHLOROETHANE	ND	5.6	.37
1,2-DICHLOROPROPANE	ND	5.6	.42
2-BUTANONE	ND	56	5.8
2-CHLOROETHYLVINYLETHER	ND	56	.19
2-HEXANONE	ND	56	1.4
4-METHYL-2-PENTANONE	ND	56	1.3
ACETONE	ND	56	4.6
BENZENE	ND	5.6	.28
BROMODICHLOROMETHANE	ND	5.6	.29
BROMOFORM	ND	5.6	.31
BROMOMETHANE	ND	5.6	.72
CARBON DISULFIDE	ND	5.6	.14
CARBON TETRACHLORIDE	ND	5.6	.89
CHLOROBENZENE	ND	5.6	.22
CHLOROETHANE	ND	5.6	2
CHLOROFORM	ND	5.6	.48
CHLOROMETHANE	ND	5.6	2.3
CIS-1,2-DICHLOROETHENE	ND	5.6	.33
CIS-1,3-DICHLOROPROPENE	ND	5.6	.25
DIBROMOCHLOROMETHANE	ND	5.6	.089
ETHYLBENZENE	ND	5.6	.44
MTBE	ND	11	.42
METHYLENE CHLORIDE	3.5JB	5.6	.46
STYRENE	ND	5.6	.49
TETRACHLOROETHENE	ND	5.6	.27
TOLUENE	ND	5.6	.35
TRANS-1,2-DICHLOROETHENE	ND	5.6	.32
TRANS-1,3-DICHLOROPROPENE	ND	5.6	.75
TRICHLOROETHENE	ND	5.6	.29
VINYL ACETATE	ND	56	.8
VINYL CHLORIDE	ND	5.6	1.1
XYLENES	ND	5.6	1.2

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	84	52-149
TOLUENE-D8 *	101	65-135
BROMOFLUOROBENZENE	100	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
[illegible] : Value exceed the upper level of the initial calibration
B : Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/03/00 21:00
Sample ID:	18609-2757	Date Analyzed:	02/06/00 06:01
Lab Samp ID:	B015-16	Dilution Factor:	1.1
Lab File ID:	RBQ129	Matrix :	SOIL
Ext Btch ID:	VOB0805	% Moisture :	28.1
Calib. Ref.:	RBQ118	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	7.6	.51
1,1,2,2-TETRACHLOROETHANE	ND	7.6	.51
1,1,2-TRICHLOROETHANE	ND	7.6	.36
1,1-DICHLOROETHANE	ND	7.6	.46
1,1-DICHLOROETHENE	ND	7.6	.82
1,2-DICHLOROETHANE	ND	7.6	.5
1,2-DICHLOROPROPANE	ND	7.6	.58
2-BUTANONE	ND	76	7.8
2-CHLOROETHYLVINYLETHER	ND	76	.26
2-HEXANONE	ND	76	1.9
4-METHYL-2-PENTANONE	ND	76	1.7
ACETONE	ND	76	6.3
BENZENE	ND	7.6	.38
BROMODICHLOROMETHANE	ND	7.6	.4
BROMOFORM	ND	7.6	.43
BROMOMETHANE	ND	7.6	.98
CARBON DISULFIDE	ND	7.6	.19
CARBON TETRACHLORIDE	ND	7.6	1.2
CHLOROBENZENE	ND	7.6	.3
CHLOROETHANE	ND	7.6	2.7
CHLOROFORM	ND	7.6	.65
CHLOROMETHANE	ND	7.6	3.1
CIS-1,2-DICHLOROETHENE	ND	7.6	.45
CIS-1,3-DICHLOROPROPENE	ND	7.6	.34
DIBROMOCHLOROMETHANE	ND	7.6	.12
ETHYLBENZENE	ND	7.6	.6
MTBE	ND	15	.57
METHYLENE CHLORIDE	5.1JB	7.6	.63
STYRENE	ND	7.6	.67
TETRACHLOROETHENE	ND	7.6	.37
TOLUENE	ND	7.6	.48
TRANS-1,2-DICHLOROETHENE	ND	7.6	.44
TRANS-1,3-DICHLOROPROPENE	ND	7.6	1
TRICHLOROETHENE	ND	7.6	.39
VINYL ACETATE	ND	76	1.1
VINYL CHLORIDE	ND	7.6	1.5
XYLENES	ND	7.6	1.7

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	60	52-149
TOLUENE-D8	99	65-135
BROMOFLUOROBENZENE	102	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
E : Value exceed the upper level of the initial calibration
B : Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/03/00 21:00
Sample ID:	18609-2758	Date Analyzed:	02/06/00 06:48
Lab Samp ID:	B015-17	Dilution Factor:	1
Lab File ID:	RBQ130	Matrix	: SOIL
Ext Btch ID:	VOB0805	% Moisture	: 6.5
Calib. Ref.:	RBQ118	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5.3	.35
1,1,2,2-TETRACHLOROETHANE	ND	5.3	.35
1,1,2-TRICHLOROETHANE	ND	5.3	.25
1,1-DICHLOROETHANE	ND	5.3	.32
1,1-DICHLOROETHENE	ND	5.3	.58
1,2-DICHLOROETHANE	ND	5.3	.35
1,2-DICHLOROPROPANE	ND	5.3	.4
2-BUTANONE	ND	53	5.5
2-CHLOROETHYLVINYLETHER	ND	53	.18
2-HEXANONE	ND	53	1.3
4-METHYL-2-PENTANONE	ND	53	1.2
ACETONE	ND	53	4.4
BENZENE	ND	5.3	.27
BROMODICHLOROMETHANE	ND	5.3	.28
BROMOFORM	ND	5.3	.3
BROMOMETHANE	ND	5.3	.68
CARBON DISULFIDE	ND	5.3	.13
CARBON TETRACHLORIDE	ND	5.3	.85
CHLOROBENZENE	ND	5.3	.21
CHLOROETHANE	ND	5.3	1.9
CHLOROFORM	ND	5.3	.45
CHLOROMETHANE	ND	5.3	2.2
CIS-1,2-DICHLOROETHENE	ND	5.3	.31
CIS-1,3-DICHLOROPROPENE	ND	5.3	.24
DIBROMOCHLOROMETHANE	ND	5.3	.084
ETHYLBENZENE	ND	5.3	.42
MTBE	ND	11	.4
METHYLENE CHLORIDE	5JB	5.3	.44
STYRENE	ND	5.3	.47
TETRACHLOROETHENE	ND	5.3	.26
TOLUENE	ND	5.3	.34
TRANS-1,2-DICHLOROETHENE	ND	5.3	.31
TRANS-1,3-DICHLOROPROPENE	ND	5.3	.71
TRICHLOROETHENE	ND	5.3	.27
VINYL ACETATE	ND	53	.77
VINYL CHLORIDE	ND	5.3	1.1
XYLENES	ND	5.3	1.2

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	87	52-149
TOLUENE-D8	103	65-135
BROMOFLUOROBENZENE	102	65-135

PRL : Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
E : Value exceed the upper level of the initial calibration
B : Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/03/00 21:00
Sample ID:	18609-2759	Date Analyzed:	02/06/00 07:36
Lab Samp ID:	B015-18	Dilution Factor:	1.2
Lab File ID:	RBQ131	Matrix :	SOIL
Ext Btch ID:	VOB0805	% Moisture :	1.8
Calib. Ref.:	RBQ118	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	6.1	.4
1,1,2,2-TETRACHLOROETHANE	ND	6.1	.4
1,1,2-TRICHLOROETHANE	ND	6.1	.28
1,1-DICHLOROETHANE	ND	6.1	.37
1,1-DICHLOROETHENE	ND	6.1	.66
1,2-DICHLOROETHANE	ND	6.1	.4
1,2-DICHLOROPROPANE	ND	6.1	.46
2-BUTANONE	ND	61	6.3
2-CHLOROETHYLVINYLETHER	ND	61	.21
2-HEXANONE	ND	61	1.5
4-METHYL-2-PENTANONE	ND	61	1.4
ACETONE	ND	61	5
BENZENE	ND	6.1	.3
BROMODICHLOROMETHANE	ND	6.1	.32
BROMOFORM	ND	6.1	.34
BROMOMETHANE	ND	6.1	.78
CARBON DISULFIDE	ND	6.1	.15
CARBON TETRACHLORIDE	ND	6.1	.97
CHLOROBENZENE	ND	6.1	.24
CHLOROETHANE	ND	6.1	2.2
CHLOROFORM	ND	6.1	.52
CHLOROMETHANE	ND	6.1	2.5
CIS-1,2-DICHLOROETHENE	ND	6.1	.36
CIS-1,3-DICHLOROPROPENE	ND	6.1	.27
DIBROMOCHLOROMETHANE	ND	6.1	.097
ETHYLBENZENE	ND	6.1	.48
MTBE	ND	12	.45
METHYLENE CHLORIDE	6.3B	6.1	.5
STYRENE	ND	6.1	.54
TETRACHLOROETHENE	ND	6.1	.3
TOLUENE	ND	6.1	.38
TRANS-1,2-DICHLOROETHENE	ND	6.1	.35
TRANS-1,3-DICHLOROPROPENE	ND	6.1	.81
TRICHLOROETHENE	ND	6.1	.31
VINYL ACETATE	ND	61	.87
VINYL CHLORIDE	ND	6.1	1.2
XYLENES	ND	6.1	1.3

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	87	52-149
TOLUENE-D8	101	65-135
BROMOFLUOROBENZENE	97	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
E : Value exceed the upper level of the initial calibration
B : Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/03/00 21:00
Sample ID:	18609-2760	Date Analyzed:	02/06/00 08:24
Lab Samp ID:	B015-19	Dilution Factor:	1.1
Lab File ID:	RBQ132	Matrix :	SOIL
Ext Btch ID:	VOB0805	% Moisture :	5.7
Calib. Ref.:	RBQ118	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5.8	.39
1,1,2,2-TETRACHLOROETHANE	ND	5.8	.39
1,1,2-TRICHLOROETHANE	ND	5.8	.27
1,1-DICHLOROETHANE	ND	5.8	.35
1,1-DICHLOROETHENE	ND	5.8	.63
1,2-DICHLOROETHANE	ND	5.8	.38
1,2-DICHLOROPROPANE	ND	5.8	.44
2-BUTANONE	ND	58	6
2-CHLOROETHYLVINYLETHER	ND	58	.2
2-HEXANONE	ND	58	1.5
4-METHYL-2-PENTANONE	ND	58	1.3
ACETONE	ND	58	4.8
BENZENE	ND	5.8	.29
BROMODICHLOROMETHANE	ND	5.8	.3
BROMOFORM	ND	5.8	.33
BROMOMETHANE	ND	5.8	.75
CARBON DISULFIDE	ND	5.8	.15
CARBON TETRACHLORIDE	ND	5.8	.92
CHLOROBENZENE	ND	5.8	.23
CHLOROETHANE	ND	5.8	2.1
[illegible]ORM	ND	5.8	.49
[illegible]THANE	ND	5.8	2.4
CIS-1,2-DICHLOROETHENE	ND	5.8	.34
CIS-1,3-DICHLOROPROPENE	ND	5.8	.26
DIBROMOCHLOROMETHANE	ND	5.8	.092
ETHYLBENZENE	ND	5.8	.46
MTBE	ND	12	.43
METHYLENE CHLORIDE	5.6JB	5.8	.48
STYRENE	ND	5.8	.51
TETRACHLOROETHENE	ND	5.8	.28
TOLUENE	ND	5.8	.37
TRANS-1,2-DICHLOROETHENE	ND	5.8	.34
TRANS-1,3-DICHLOROPROPENE	ND	5.8	.78
TRICHLOROETHENE	ND	5.8	.3
VINYL ACETATE	ND	58	.84
VINYL CHLORIDE	ND	5.8	1.2
XYLENES	ND	5.8	1.3

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	83	52-149
TOLUENE-D8	102	65-135
BROMOFLUOROBENZENE	102	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
[illegible] : Value exceed the upper level of the initial calibration
[illegible] : Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	NA
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/05/00
Batch No.	: 00B015	Date Extracted:	02/05/00 07:43
Sample ID:	MBLK1S	Date Analyzed:	02/05/00 07:43
Lab Samp ID:	VOB0605Q	Dilution Factor:	1
Lab File ID:	RBQ101	Matrix :	SOIL
Ext Btch ID:	VOB0605	% Moisture :	NA
Calib. Ref.:	RBQ096	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5	.33
1,1,2,2-TETRACHLOROETHANE	ND	5	.33
1,1,2-TRICHLOROETHANE	ND	5	.23
1,1-DICHLOROETHANE	ND	5	.3
1,1-DICHLOROETHENE	ND	5	.54
1,2-DICHLOROETHANE	ND	5	.33
1,2-DICHLOROPROPANE	ND	5	.38
2-BUTANONE	ND	50	5.1
2-CHLOROETHYLVINYLETHER	ND	50	.17
2-HEXANONE	ND	50	1.2
4-METHYL-2-PENTANONE	ND	50	1.1
ACETONE	ND	50	4.1
BENZENE	ND	5	.25
BROMODICHLOROMETHANE	ND	5	.26
BROMOFORM	ND	5	.28
BROMOMETHANE	ND	5	.64
CARBON DISULFIDE	ND	5	.13
CARBON TETRACHLORIDE	ND	5	.79
CHLOROBENZENE	ND	5	.2
CHLOROETHANE	ND	5	1.8
CHLOROFORM	ND	5	.42
CHLOROMETHANE	ND	5	2.1
CIS-1,2-DICHLOROETHENE	ND	5	.29
CIS-1,3-DICHLOROPROPENE	ND	5	.22
DIBROMOCHLOROMETHANE	ND	5	.079
ETHYLBENZENE	ND	5	.39
MTBE	ND	10	.37
METHYLENE CHLORIDE	2.5J	5	.41
STYRENE	ND	5	.44
TETRACHLOROETHENE	ND	5	.24
TOLUENE	ND	5	.31
TRANS-1,2-DICHLOROETHENE	ND	5	.29
TRANS-1,3-DICHLOROPROPENE	ND	5	.67
TRICHLOROETHENE	ND	5	.25
VINYL ACETATE	ND	50	.72
VINYL CHLORIDE	ND	5	1
XYLENES	ND	5	1.1

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	106	52-149
TOLUENE-D8	102	65-135
BROMOFLUOROBENZENE	99	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
E : Value exceed the upper level of the initial calibration
B : Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	NA
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/05/00
Batch No.	: 00B015	Date Extracted:	02/03/00 20:00
Sample ID	: MBLK2S	Date Analyzed:	02/05/00 08:35
Lab Samp ID	: VPB003SB	Dilution Factor:	1
Lab File ID	: RBQ102	Matrix	: SOIL
Ext Btch ID	: VOB0605	% Moisture	: NA
Calib. Ref.	: RBQ096	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5	.33
1,1,2,2-TETRACHLOROETHANE	ND	5	.33
1,1,2-TRICHLOROETHANE	ND	5	.23
1,1-DICHLOROETHANE	ND	5	.3
1,1-DICHLOROETHENE	ND	5	.54
1,2-DICHLOROETHANE	ND	5	.33
1,2-DICHLOROPROPANE	ND	5	.38
2-BUTANONE	ND	50	5.1
2-CHLOROETHYLVINYLETHER	ND	50	.17
2-HEXANONE	ND	50	1.2
4-METHYL-2-PENTANONE	ND	50	1.1
ACETONE	ND	50	4.1
BENZENE	ND	5	.25
BROMODICHLOROMETHANE	ND	5	.26
BROMOFORM	ND	5	.28
BROMOMETHANE	ND	5	.64
CARBON DISULFIDE	ND	5	.13
CARBON TETRACHLORIDE	ND	5	.79
CHLOROBENZENE	ND	5	.2
CHLOROETHANE	ND	5	1.8
CHLOROFORM	ND	5	.42
CHLOROMETHANE	ND	5	2.1
CIS-1,2-DICHLOROETHENE	ND	5	.29
CIS-1,3-DICHLOROPROPENE	ND	5	.22
DIBROMOCHLOROMETHANE	ND	5	.079
ETHYLBENZENE	ND	5	.39
MTBE	ND	10	.37
METHYLENE CHLORIDE	4.7J	5	.41
STYRENE	ND	5	.44
TETRACHLOROETHENE	ND	5	.24
TOLUENE	ND	5	.31
TRANS-1,2-DICHLOROETHENE	ND	5	.29
TRANS-1,3-DICHLOROPROPENE	ND	5	.67
TRICHLOROETHENE	ND	5	.25
VINYL ACETATE	ND	50	.72
VINYL CHLORIDE	ND	5	1
XYLENES	ND	5	1.1

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	65	52-149
TOLUENE-D8	93	65-135
BROMOFLUOROBENZENE	106	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
: Value exceed the upper level of the initial calibration
: Found in the associated blank
: Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client : IT CORPORATION	Date Collected: NA
Project : MCAS EL TORO/18609/D.O. 70	Date Received: 02/05/00
Batch No. : 00B015	Date Extracted: 02/05/00 23:40
Sample ID: MBLK3S	Date Analyzed: 02/05/00 23:40
Lab Samp ID: VOB0805B	Dilution Factor: 1
Lab File ID: RBQ121	Matrix : SOIL
Ext Btch ID: VOB0805	% Moisture : NA
Calib. Ref.: RBQ118	Instrument ID : T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5	.33
1,1,2,2-TETRACHLOROETHANE	ND	5	.33
1,1,2-TRICHLOROETHANE	ND	5	.23
1,1-DICHLOROETHANE	ND	5	.3
1,1-DICHLOROETHENE	ND	5	.54
1,2-DICHLOROETHANE	ND	5	.33
1,2-DICHLOROPROPANE	ND	5	.38
2-BUTANONE	ND	50	5.1
2-CHLOROETHYLVINYLETHER	ND	50	.17
2-HEXANONE	ND	50	1.2
4-METHYL-2-PENTANONE	ND	50	1.1
ACETONE	ND	50	4.1
BENZENE	ND	5	.25
BROMODICHLOROMETHANE	ND	5	.26
BROMOFORM	ND	5	.28
BROMOMETHANE	ND	5	.64
CARBON DISULFIDE	ND	5	.13
CARBON TETRACHLORIDE	ND	5	.79
CHLOROBENZENE	ND	5	.2
CHLOROETHANE	ND	5	1.8
CHLOROFORM	ND	5	.42
CHLOROMETHANE	ND	5	2.1
CIS-1,2-DICHLOROETHENE	ND	5	.29
CIS-1,3-DICHLOROPROPENE	ND	5	.22
DIBROMOCHLOROMETHANE	ND	5	.079
ETHYLBENZENE	ND	5	.39
MTBE	ND	10	.37
METHYLENE CHLORIDE	9.8	5	.41
STYRENE	ND	5	.44
TETRACHLOROETHENE	ND	5	.24
TOLUENE	ND	5	.31
TRANS-1,2-DICHLOROETHENE	ND	5	.29
TRANS-1,3-DICHLOROPROPENE	ND	5	.67
TRICHLOROETHENE	ND	5	.25
VINYL ACETATE	ND	50	.72
VINYL CHLORIDE	ND	5	1
XYLENES	ND	5	1.1

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	86	52-149
TOLUENE-D8	114	65-135
BROMOFLUOROBENZENE	97	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
E : Value exceed the upper level of the initial calibration
B : Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	NA
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/06/00
Batch No.	: 00B015	Date Extracted:	02/03/00 21:00
Sample ID	: MBLK4S	Date Analyzed:	02/06/00 01:15
Lab Samp ID	: VPB005SB	Dilution Factor:	1
Lab File ID	: RBQ123	Matrix	: SOIL
Ext Btch ID	: VOB0805	% Moisture	: NA
Calib. Ref.	: RBQ118	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5	.33
1,1,2,2-TETRACHLOROETHANE	ND	5	.33
1,1,2-TRICHLOROETHANE	ND	5	.23
1,1-DICHLOROETHANE	ND	5	.3
1,1-DICHLOROETHENE	ND	5	.54
1,2-DICHLOROETHANE	ND	5	.33
1,2-DICHLOROPROPANE	ND	5	.38
2-BUTANONE	ND	50	5.1
2-CHLOROETHYLVINYLETHER	ND	50	.17
2-HEXANONE	ND	50	1.2
4-METHYL-2-PENTANONE	ND	50	1.1
ACETONE	ND	50	4.1
BENZENE	ND	5	.25
BROMODICHLOROMETHANE	ND	5	.26
BROMOFORM	ND	5	.28
BROMOMETHANE	ND	5	.64
CARBON DISULFIDE	ND	5	.13
CARBON TETRACHLORIDE	ND	5	.79
CHLOROBENZENE	ND	5	.2
CHLOROETHANE	ND	5	1.8
[illegible]ORM	ND	5	.42
[illegible]ETHANE	ND	5	2.1
[illegible],2-DICHLOROETHENE	ND	5	.29
CIS-1,3-DICHLOROPROPENE	ND	5	.22
DIBROMOCHLOROMETHANE	ND	5	.079
ETHYLBENZENE	ND	5	.39
MTBE	ND	10	.37
METHYLENE CHLORIDE	6	5	.41
STYRENE	ND	5	.44
TETRACHLOROETHENE	ND	5	.24
TOLUENE	ND	5	.31
TRANS-1,2-DICHLOROETHENE	ND	5	.29
TRANS-1,3-DICHLOROPROPENE	ND	5	.67
TRICHLOROETHENE	34	5	.25
VINYL ACETATE	ND	50	.72
VINYL CHLORIDE	ND	5	1
XYLENES	ND	5	1.1

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	80	52-149
TOLUENE-D8	112	65-135
BROMOFLUOROBENZENE	101	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
: Value exceed the upper level of the initial calibration
: Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	NA
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/10/00
Batch No.	: 00B015	Date Extracted:	02/10/00 13:06
Sample ID:	MBLK5S	Date Analyzed:	02/10/00 13:06
Lab Samp ID:	VOB1305B	Dilution Factor:	1
Lab File ID:	RBQ204	Matrix :	SOIL
Ext Btch ID:	VOB1305	% Moisture :	NA
Calib. Ref.:	RBQ200	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5	.33
1,1,2,2-TETRACHLOROETHANE	ND	5	.33
1,1,2-TRICHLOROETHANE	ND	5	.23
1,1-DICHLOROETHANE	ND	5	.3
1,1-DICHLOROETHENE	ND	5	.54
1,2-DICHLOROETHANE	ND	5	.33
1,2-DICHLOROPROPANE	ND	5	.38
2-BUTANONE	ND	50	5.1
2-CHLOROETHYLVINYLETHER	ND	50	.17
2-HEXANONE	ND	50	1.2
4-METHYL-2-PENTANONE	ND	50	1.1
ACETONE	ND	50	4.1
BENZENE	ND	5	.25
BROMODICHLOROMETHANE	ND	5	.26
BROMOFORM	ND	5	.28
BROMOMETHANE	ND	5	.64
CARBON DISULFIDE	ND	5	.13
CARBON TETRACHLORIDE	ND	5	.79
CHLOROBENZENE	ND	5	.2
CHLOROETHANE	ND	5	1.8
CHLOROFORM	ND	5	.42
CHLOROMETHANE	ND	5	2.1
CIS-1,2-DICHLOROETHENE	ND	5	.29
CIS-1,3-DICHLOROPROPENE	ND	5	.22
DIBROMOCHLOROMETHANE	ND	5	.079
ETHYLBENZENE	ND	5	.39
MTBE	ND	10	.37
METHYLENE CHLORIDE	ND	5	.41
STYRENE	ND	5	.44
TETRACHLOROETHENE	ND	5	.24
TOLUENE	ND	5	.31
TRANS-1,2-DICHLOROETHENE	ND	5	.29
TRANS-1,3-DICHLOROPROPENE	ND	5	.67
TRICHLOROETHENE	ND	5	.25
VINYL ACETATE	ND	50	.72
VINYL CHLORIDE	ND	5	1
XYLENES	ND	5	1.1

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	95	52-149
TOLUENE-D8	101	65-135
BROMOFLUOROBENZENE	100	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
E : Value exceed the upper level of the initial calibration
B : Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	NA
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/10/00
Batch No.	: 00B015	Date Extracted:	02/10/00 13:44
Sample ID	: MBLK6S	Date Analyzed:	02/03/00 20:00
Lab Samp ID	: VPB004SB	Dilution Factor:	1
Lab File ID	: RBQ205	Matrix :	SOIL
Ext Btch ID	: VOB1305	% Moisture :	NA
Calib. Ref.	: RBQ200	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5	.33
1,1,2,2-TETRACHLOROETHANE	ND	5	.33
1,1,2-TRICHLOROETHANE	ND	5	.23
1,1-DICHLOROETHANE	ND	5	.3
1,1-DICHLOROETHENE	ND	5	.54
1,2-DICHLOROETHANE	ND	5	.33
1,2-DICHLOROPROPANE	ND	5	.38
2-BUTANONE	ND	50	5.1
2-CHLOROETHYLVINYLETHER	ND	50	.17
2-HEXANONE	ND	50	1.2
4-METHYL-2-PENTANONE	ND	50	1.1
ACETONE	ND	50	4.1
BENZENE	ND	5	.25
BROMODICHLOROMETHANE	ND	5	.26
BROMOFORM	ND	5	.28
BROMOMETHANE	ND	5	.64
CARBON DISULFIDE	ND	5	.13
CARBON TETRACHLORIDE	ND	5	.79
CHLOROBENZENE	ND	5	.2
CHLOROETHANE	ND	5	1.8
CHLOROFORM	ND	5	.42
CHLOROMETHANE	ND	5	2.1
CIS-1,2-DICHLOROETHENE	ND	5	.29
CIS-1,3-DICHLOROPROPENE	ND	5	.22
DIBROMOCHLOROMETHANE	ND	5	.079
ETHYLBENZENE	ND	5	.39
MTBE	ND	10	.37
METHYLENE CHLORIDE	ND	5	.41
STYRENE	ND	5	.44
TETRACHLOROETHENE	ND	5	.24
TOLUENE	ND	5	.31
TRANS-1,2-DICHLOROETHENE	ND	5	.29
TRANS-1,3-DICHLOROPROPENE	ND	5	.67
TRICHLOROETHENE	ND	5	.25
VINYL ACETATE	ND	50	.72
VINYL CHLORIDE	ND	5	1
XYLENES	ND	5	1.1

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	107	52-149
TOLUENE-D8	99	65-135
BROMOFLUOROBENZENE	103	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
E : Value exceed the upper level of the initial calibration
B : Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	NA
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/11/00
Batch No.	: 008015	Date Extracted:	02/11/00 00:27
Sample ID:	MBLK7S	Date Analyzed:	02/11/00 00:27
Lab Samp ID:	VOB1405B	Dilution Factor:	1
Lab File ID:	RBQ222	Matrix :	SOIL
Ext Btch ID:	VOB1405	% Moisture :	NA
Calib. Ref.:	RBQ218	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5	.33
1,1,2,2-TETRACHLOROETHANE	ND	5	.33
1,1,2-TRICHLOROETHANE	ND	5	.23
1,1-DICHLOROETHANE	ND	5	.3
1,1-DICHLOROETHENE	ND	5	.54
1,2-DICHLOROETHANE	ND	5	.33
1,2-DICHLOROPROPANE	ND	5	.38
2-BUTANONE	ND	50	5.1
2-CHLOROETHYLVINYLETHER	ND	50	.17
2-HEXANONE	ND	50	1.2
4-METHYL-2-PENTANONE	ND	50	1.1
ACETONE	ND	50	4.1
BENZENE	ND	5	.25
BROMODICHLOROMETHANE	ND	5	.26
BROMOFORM	ND	5	.28
BROMOMETHANE	ND	5	.64
CARBON DISULFIDE	ND	5	.13
CARBON TETRACHLORIDE	ND	5	.79
CHLOROBENZENE	ND	5	.2
CHLOROETHANE	ND	5	1.8
CHLOROFORM	ND	5	.42
CHLOROMETHANE	ND	5	2.1
CIS-1,2-DICHLOROETHENE	ND	5	.29
CIS-1,3-DICHLOROPROPENE	ND	5	.22
DIBROMOCHLOROMETHANE	ND	5	.079
ETHYLBENZENE	ND	5	.39
MTBE	ND	10	.37
METHYLENE CHLORIDE	ND	5	.41
STYRENE	ND	5	.44
TETRACHLOROETHENE	ND	5	.24
TOLUENE	ND	5	.31
TRANS-1,2-DICHLOROETHENE	ND	5	.29
TRANS-1,3-DICHLOROPROPENE	ND	5	.67
TRICHLOROETHENE	ND	5	.25
VINYL ACETATE	ND	50	.72
VINYL CHLORIDE	ND	5	1
XYLENES	ND	5	1.1

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	93	52-149
TOLUENE-D8	99	65-135
BROMOFLUOROBENZENE	98	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
E : Value exceed the upper level of the initial calibration
B : Found in the associated blank
D : Value from dilution analysis

METHOD 5030A/8260A
VOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	NA
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/10/00
Batch No.	: 00B015	Date Extracted:	02/03/00 21:00
Sample ID:	MBLK8S	Date Analyzed:	02/11/00 01:05
Lab Samp ID:	VPB006SB	Dilution Factor:	1
Lab File ID:	RBQ223	Matrix :	SOIL
Qct Btch ID:	VOB1405	% Moisture :	NA
Calib. Ref.:	RBQ218	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5	.33
1,1,2,2-TETRACHLOROETHANE	ND	5	.33
1,1,2-TRICHLOROETHANE	ND	5	.23
1,1-DICHLOROETHANE	ND	5	.3
1,1-DICHLOROETHENE	ND	5	.54
1,2-DICHLOROETHANE	ND	5	.33
1,2-DICHLOROPROPANE	ND	5	.38
2-BUTANONE	ND	50	5.1
2-CHLOROETHYLVINYLETHER	ND	50	.17
2-HEXANONE	ND	50	1.2
4-METHYL-2-PENTANONE	ND	50	1.1
ACETONE	ND	50	4.1
BENZENE	ND	5	.25
BROMODICHLOROMETHANE	ND	5	.26
BROMOFORM	ND	5	.28
BROMOMETHANE	ND	5	.64
CARBON DISULFIDE	ND	5	.13
CARBON TETRACHLORIDE	ND	5	.79
CHLOROBENZENE	ND	5	.2
CHLOROETHANE	ND	5	1.8
CHLOROFORM	ND	5	.42
CHLOROMETHANE	ND	5	2.1
CIS-1,2-DICHLOROETHENE	ND	5	.29
CIS-1,3-DICHLOROPROPENE	ND	5	.22
DIBROMOCHLOROMETHANE	ND	5	.079
ETHYLBENZENE	ND	5	.39
MTBE	ND	10	.37
METHYLENE CHLORIDE	ND	5	.41
STYRENE	ND	5	.44
TETRACHLOROETHENE	ND	5	.24
TOLUENE	ND	5	.31
TRANS-1,2-DICHLOROETHENE	ND	5	.29
TRANS-1,3-DICHLOROPROPENE	ND	5	.67
TRICHLOROETHENE	ND	5	.25
VINYL ACETATE	ND	50	.72
VINYL CHLORIDE	ND	5	1
XYLENES	ND	5	1.1

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	104	52-149
TOLUENE-D8	103	65-135
BROMOFLUOROBENZENE	94	65-135

PRL: Project Reporting Limit
* : Out side of QC Limit
J : An estimated value between PRL and MDL
E : Value exceed the upper level of the initial calibration
B : Found in the associated blank
D : Value from dilution analysis

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
METHOD: METHOD 5030A/8260A

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	VOB0805B	VOB0805L	VOB0805C		
LAB FILE ID:	RBQ121	RBQ119	RBQ120		
DATE EXTRACTED:	02/05/0023:40	02/05/0022:05	02/05/0022:51	DATE COLLECTED:	NA
DATE ANALYZED:	02/05/0023:40	02/05/0022:05	02/05/0022:51	DATE RECEIVED:	02/05/00
PREP. BATCH:	VOB0805	VOB0805	VOB0805		
CALIB. REF:	RBQ118	RBQ118	RBQ118		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	50	55	110	50	43.3	87	24*	75-125	20
Benzene	ND	50	47	94	50	45.7	91	3	75-125	20
Chlorobenzene	ND	50	50.5	101	50	49.6	99	2	75-125	20
Toluene	ND	50	55	110	50	44.5	89	21*	74-125	20
Trichloroethene	ND	50	49.5	99	50	49.4	99	0	71-125	20

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichlorethane-d4	50	38.3	77	50	33.2	66	62-139
Toluene-d8	50	56.5	113	50	47.8	96	75-125
Bromofluorobenzene	50	50	100	50	52.2	104	75-125

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

IT CORPORATION
MCAS EL TORO/18609/D.O. 70
BA[illegible]O.: 00B015
METHOD: METHOD 5030A/8260A

[illegible]TRIX:	SOIL			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1S				
[illegible]B SAMP ID:	VOB0605Q	VOB0605L	VOB0605C		
[illegible]B FILE ID:	RBQ101	RBQ098	RBQ099		
[illegible]TE EXTRACTED:	02/05/0007:43	02/05/0005:20	02/05/0006:08	DATE COLLECTED:	NA
DATE ANALYZED:	02/05/0007:43	02/05/0005:20	02/05/0006:08	DATE RECEIVED:	02/05/00
PREP. BATCH:	VOB1405	VOB1405	VOB1405		
[illegible]LIB. REF:	RBQ096	RBQ096	RBQ096		

ACCESSION:

[illegible]RAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	50	47.6	95	50	44.3	89	7	65-135	30
[illegible]enzene	ND	50	46.2	92	50	47.7	95	3	65-135	30
[illegible]lorobenzene	ND	50	50	100	50	50.4	101	1	65-135	30
[illegible]luene	ND	50	43.5	87	50	41.3	83	5	64-135	30
Trichloroethene	ND	50	51.2	102	50	50.7	101	1	61-135	30

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT (%)
[illegible]2-Dichlorethane-d4	50	35.5	71	50	33.7	67	52-149
Toluene-d8	50	46.4	93	50	45.5	91	65-135
Bromofluorobenzene	50	50.6	101	50	53.8	108	65-135

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 008015
METHOD: METHOD 5030A/8260A

MATRIX:	SOIL			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK3S				
LAB SAMP ID:	VOB0805B	VOB0805L	VOB0805C		
LAB FILE ID:	RBQ121	RBQ119	RBQ120		
DATE EXTRACTED:	02/05/0023:40	02/05/0022:05	02/05/0022:51	DATE COLLECTED:	NA
DATE ANALYZED:	02/05/0023:40	02/05/0022:05	02/05/0022:51	DATE RECEIVED:	02/05/00
PREP. BATCH:	VOB0805	VOB0805	VOB0805		
CALIB. REF:	RBQ118	RBQ118	RBQ118		

ACCESSION:

PARAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	50	55	110	50	43.3	87	24	65-135	30
Benzene	ND	50	47	94	50	45.7	91	3	65-135	30
Chlorobenzene	ND	50	50.5	101	50	49.6	99	2	65-135	30
Toluene	ND	50	55	110	50	44.5	89	21	64-135	30
Trichloroethene	ND	50	49.5	99	50	49.4	99	0	61-135	30

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT (%)
1,2-Dichlorethane-d4	50	38.3	77	50	33.2	66	52-149
Toluene-d8	50	56.5	113	50	47.8	96	65-135
Bromofluorobenzene	50	50	100	50	52.2	104	65-135

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

T: IT CORPORATION
T: MCAS EL TORO/18609/D.O. 70
NO.: 00B015
METHOD: METHOD 5030A/8260A

ATRIX: SOIL % MOISTURE: NA

DILUTION FACTOR:	1	1	1
SAMPLE ID:	MBLK5S		
AB SAMP ID:	VOB1305B	VOB1305L	VOB1305C
AB FILE ID:	RBQ204	RBQ201	RBQ202
DATE EXTRACTED:	02/10/0013:06	02/10/0011:14	02/10/0011:51
DATE ANALYZED:	02/10/0013:06	02/10/0011:14	02/10/0011:51
REP. BATCH:	VOB1305	VOB1305	VOB1305
ALIB. REF:	RBQ200	RBQ200	RBQ200

DATE COLLECTED: NA
DATE RECEIVED: 02/10/00

ACCESSION:

ARAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	50	48.1	96	50	49.7	99	3	65-135	30
enzene	ND	50	48	96	50	48.8	98	2	65-135	30
hlorobenzene	ND	50	46.9	94	50	48.5	97	3	65-135	30
oluene	ND	50	45.6	91	50	46.8	94	3	64-135	30
Trichloroethene	ND	50	50.2	100	50	50	100	0	61-135	30

URROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT (%)
,2-Dichlorethane-d4	50	48.8	98	50	47.4	95	52-149
Toluene-d8	50	49.6	99	50	50	100	65-135
Bromofluorobenzene	50	49.4	99	50	51.6	103	65-135

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
METHOD: METHOD 5030A/8260A

MATRIX: SOIL % MOISTURE: NA

DILUTION FACTOR:	1	1	1
SAMPLE ID:	MBLK7S		
LAB SAMP ID:	VOB1405B	VOB1405L	VOB1405C
LAB FILE ID:	RBQ222	RBQ219	RBQ220
DATE EXTRACTED:	02/11/0000:27	02/10/0022:34	02/10/0023:12
DATE ANALYZED:	02/11/0000:27	02/10/0022:34	02/10/0023:12
PREP. BATCH:	VOB1405	VOB1405	VOB1405
CALIB. REF:	RBQ218	RBQ218	RBQ218

DATE COLLECTED: NA
DATE RECEIVED: 02/10/00

ACCESSION:

PARAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	50	47	94	50	46.5	93	1	65-135	30
Benzene	ND	50	49.2	98	50	48.1	96	2	65-135	30
Chlorobenzene	ND	50	49.6	99	50	48.9	98	1	65-135	30
Toluene	ND	50	48.4	97	50	47.4	95	2	64-135	30
Trichloroethene	ND	50	49.6	99	50	48.1	96	3	61-135	30

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT (%)
1,2-Dichlorethane-d4	50	45.9	92	50	47.1	94	52-149
Toluene-d8	50	49.7	99	50	49.5	99	65-135
Bromofluorobenzene	50	47.8	96	50	48.3	97	65-135

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
PROJ. NO.: 00B015
METHOD: METHOD 5030A/8260A

MATRIX:	SOIL			% MOISTURE:	2.4
DILUTION FACTOR:	1	1	0.95		
SAMPLE ID:	18609-2771				
LAB SAMP ID:	B015-30R	B015-30M	B015-30S		
LAB FILE ID:	RBQ232	RBQ234	RBQ235		
DATE EXTRACTED:	02/03/0021:00	02/03/0021:00	02/03/0021:00	DATE COLLECTED:	02/02/00
DATE ANALYZED:	02/11/0006:44	02/11/0008:00	02/11/0008:38	DATE RECEIVED:	02/03/00
PREP. BATCH:	VOB1405	VOB1405	VOB1405		
CALIB. REF:	RBQ218	RBQ218	RBQ218		

ACCESSION:

PARAMETER	SMPL RSLT (ug/kg)	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	51.2	56.7	111	48.7	56.7	117	5	65-135	30
Benzene	ND	51.2	55.3	108	48.7	52.4	108	0	65-135	30
Chlorobenzene	ND	51.2	52.5	102	48.7	51.2	105	3	65-135	30
Toluene	ND	51.2	52	101	48.7	49.3	101	0	64-135	30
Trichloroethene	ND	51.2	51.3	100	48.7	48.8	100	0	61-135	30

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	QC LIMIT (%)
1,2-Dichlorethane-d4	51.2	58.3	114	48.7	52.9	109	52-149
Toluene-d8	51.2	52.5	102	48.7	49.6	102	65-135
Bromofluorobenzene	51.2	50.9	99	48.7	48.7	100	65-135

[illegible] side of QC Limit

4614C2

CASE NARRATIVE

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
SDG: 00B015

METHOD 8270B
SEMIVOLATILE ORGANICS BY GC/MS

Thirty (30) soil and one (1) water samples were received on 02/03/00 for Semivolatile Organics Analyses by Method 8270B in accordance with USEPA SW846, 3rd ed. (1997).

1. Holding Time: Analytical holding time was met.

2. Tuning and Calibration: Tuning and calibration were carried out at 12 hour interval. All QC requirements were met with the following exception:

Date	QC	Compound	Outlier	QC Limit
02/08/00	CCBX0342	Hexachloropentadiene	67%	50%

3. Method Blank: Method blanks were free of contamination at reporting limit.

4. Lab Control Sample/Lab Control Sample Duplicate: All recoveries were within QC limits.

5. Surrogate Recovery: Recoveries were within QC limits.

6. Matrix Spike/Matrix Spike Duplicate: Samples B015-06 and B015-26 were spiked. All recoveries were within QC limit. Some of the RPDs were out of QC limits in B015-26M/S.

7. Sample Analysis: Samples were analyzed according to the prescribed QC procedures. All requirements were met with the aforementioned exception.

METHOD 3550A/8270B
SEMIVOLATILE ORGANICS BY GC/MS

[redacted]	: IT CORPORATION	Date Collected:	02/02/00
[redacted]	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[redacted]	: 00B015	Date Extracted:	02/04/00 15:00
[redacted] ID:	18609-2742	Date Analyzed:	02/07/00 20:48
La[redacted]mp ID:	B015-01	Dilution Factor:	1
Lab File ID:	RBX021	Matrix :	SOIL
Ext Btch ID:	SVB003S	% Moisture :	8.4
[redacted]lib. Ref.:	RBX017	Instrument ID :	T-042

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
[redacted]2,4-TRICHLOROBENZENE	ND	360	150
[redacted]-DICHLOROBENZENE	ND	360	140
[redacted]-DICHLOROBENZENE	ND	360	140
1,4-DICHLOROBENZENE	ND	360	130
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	360	160
2,4,5-TRICHLOROPHENOL	ND	910	88
[redacted],6-TRICHLOROPHENOL	ND	360	130
[redacted]-DICHLOROPHENOL	ND	360	170
[redacted]-DIMETHYLPHENOL	ND	360	130
[redacted]-DINITROPHENOL	ND	910	180
2,4-DINITROTOLUENE	ND	360	65
2,6-DINITROTOLUENE	ND	360	81
[redacted]CHLORONAPHTHALENE	ND	360	150
[redacted]CHLOROPHENOL	ND	360	130
[redacted]METHYLNAPHTHALENE	ND	360	160
[redacted]-METHYLPHENOL	ND	360	150
2-NITROANILINE	ND	910	97
2-NITROPHENOL	ND	360	160
[redacted]'-DICHLOROBENZIDINE	ND	360	80
[redacted]NITROANILINE	ND	910	95
[redacted]-DINITRO-2-METHYLPHENOL	ND	910	120
[redacted]BROMOPHENYL-PHENYLETHER	ND	360	85
4-CHLORO-3-METHYLPHENOL	ND	360	120
4-CHLOROANILINE	ND	360	130
[redacted]CHLOROPHENYL-PHENYLETHER	ND	360	89
[redacted]METHYLPHENOL (2)	ND	360	150
[redacted]NITROANILINE	ND	910	77
[redacted]NITROPHENOL	ND	910	170
ACENAPHTHENE	ND	360	110
ACENAPHTHYLENE	ND	360	110
[redacted]NTHRACENE	ND	360	73
[redacted]NZO(A)ANTHRACENE	ND	360	75
[redacted]NZO(A)PYRENE	ND	270	40
[redacted]NZO(B)FLUORANTHENE	ND	360	70
BENZO(G,H,I)PERYLENE	ND	360	45
BENZO(K)FLUORANTHENE	ND	360	75
BIS([redacted]-CHLOROETHOXY)METHANE	ND	360	160
[redacted]LOROETHYL)ETHER	ND	360	150
[redacted]HYLHEXYL)PHTHALATE	ND	360	93
[redacted]ZYLPHTHALATE	ND	360	83
CHR[redacted]NE	ND	360	98
DI-N-BUTYLPHTHALATE	ND	360	87
DI-N-OCTYLPHTHALATE	ND	360	55
[redacted]BENZO(A,H)ANTHRACENE	ND	270	34
[redacted]BENZOFURAN	ND	360	110
[redacted]ETHYLPHTHALATE	ND	360	59
[redacted]IMETHYLPHTHALATE	ND	360	65
FLUORANTHENE	ND	360	84
FLUORENE	ND	360	81
[redacted]XACHLOROBENZENE	ND	360	99
[redacted]XACHLOROBUTADIENE	ND	360	150
[redacted]XACHLOROCYCLOPENTADIENE	ND	360	190
[redacted]EXACHLOROETHANE	ND	360	140
INDENO(1,2,3-CD)PYRENE	ND	360	45
N-NITROSO-DI-N-PROPYLAMINE	ND	270	150
[redacted]-NITROSODIPHENYLAMINE (1)	ND	360	78
[redacted]PHTHALENE	ND	360	150
[redacted]TROBENZENE	ND	360	150
[redacted]NTACHLOROPHENOL	ND	360	88
PHENANTHRENE	ND	360	73
PHENOL	ND	360	170
[redacted]RENE	ND	360	98

[redacted]RROGATE PARAMETERS	% RECOVERY	QC LIMIT
2-FLUOROPHENOL	49	25-135
PHENOL-D5	52	25-135
[redacted]ITROBENZENE-D5	58	25-135
[redacted]FLUOROBIPHENYL	54	34-135
[redacted]4,6-TRIBROMOPHENOL	42	25-144
[redacted]RPHENYL-D14	83	32-136

PRL : Project Reporting Limit
(1) : Cannot be separated from Diphenylamine
[redacted]) : Cannot be separated from 3-Methylphenol

METHOD 3550A/8270B
SEMIVOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/04/00 15:00
Sample ID:	18609-2743	Date Analyzed:	02/07/00 21:25
Lab Samp ID:	B015-02	Dilution Factor:	1
Lab File ID:	RBX022	Matrix	: SOIL
Ext Btch ID:	SVB003S	% Moisture	: 14.3
Calib. Ref.:	RBX017	Instrument ID	: T-042

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,2,4-TRICHLOROBENZENE	ND	390	160
1,2-DICHLOROBENZENE	ND	390	150
1,3-DICHLOROBENZENE	ND	390	150
1,4-DICHLOROBENZENE	ND	390	140
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	390	170
2,4,5-TRICHLOROPHENOL	ND	970	95
2,4,6-TRICHLOROPHENOL	ND	390	140
2,4-DICHLOROPHENOL	ND	390	180
2,4-DIMETHYLPHENOL	ND	390	130
2,4-DINITROPHENOL	ND	970	190
2,4-DINITROTOLUENE	ND	390	70
2,6-DINITROTOLUENE	ND	390	86
2-CHLORONAPHTHALENE	ND	390	160
2-CHLOROPHENOL	ND	390	140
2-METHYLNAPHTHALENE	ND	390	170
2-METHYLPHENOL	ND	390	160
2-NITROANILINE	ND	970	100
2-NITROPHENOL	ND	390	180
3,3'-DICHLOROBENZIDINE	ND	390	86
3-NITROANILINE	ND	970	100
4,6-DINITRO-2-METHYLPHENOL	ND	970	130
4-BROMOPHENYL-PHENYLETHER	ND	390	91
4-CHLORO-3-METHYLPHENOL	ND	390	130
4-CHLOROANILINE	ND	390	140
4-CHLOROPHENYL-PHENYLETHER	ND	390	96
4-METHYLPHENOL (2)	ND	390	160
4-NITROANILINE	ND	970	82
4-NITROPHENOL	ND	970	180
ACENAPHTHENE	ND	390	120
ACENAPHTHYLENE	ND	390	120
ANTHRACENE	ND	390	78
BENZO(A)ANTHRACENE	ND	390	80
BENZO(A)PYRENE	ND	290	43
BENZO(B)FLUORANTHENE	ND	390	74
BENZO(G,H,I)PERYLENE	ND	390	48
BENZO(K)FLUORANTHENE	ND	390	80
BIS(2-CHLOROETHOXY)METHANE	ND	390	170
BIS(2-CHLOROETHYL)ETHER	ND	390	160
BIS(2-ETHYLHEXYL)PHTHALATE	ND	390	100
BUTYLBENZYLPHTHALATE	ND	390	88
CHRYSENE	ND	390	110
DI-N-BUTYLPHTHALATE	ND	390	93
DI-N-OCTYLPHTHALATE	ND	390	58
DIBENZO(A,H)ANTHRACENE	ND	290	37
DIBENZOFURAN	ND	390	120
DIETHYLPHTHALATE	ND	390	64
DIMETHYLPHTHALATE	ND	390	70
FLUORANTHENE	ND	390	90
FLUORENE	ND	390	86
HEXACHLOROBENZENE	ND	390	110
HEXACHLOROBUTADIENE	ND	390	160
HEXACHLOROCYCLOPENTADIENE	ND	390	210
HEXACHLOROETHANE	ND	390	150
INDENO(1,2,3-CD)PYRENE	ND	390	48
N-NITROSO-DI-N-PROPYLAMINE	ND	290	160
N-NITROSODIPHENYLAMINE (1)	ND	390	84
NAPHTHALENE	ND	390	160
NITROBENZENE	ND	390	160
PENTACHLOROPHENOL	ND	390	94
PHENANTHRENE	ND	390	78
PHENOL	ND	390	190
PYRENE	ND	390	110

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2-FLUOROPHENOL	61	25-135
PHENOL-D5	63	25-135
NITROBENZENE-D5	70	25-135
2-FLUOROBIPHENYL	65	34-135
2,4,6-TRIBROMOPHENOL	47	25-144
TERPHENYL-D14	80	32-136

PRL : Project Reporting Limit
(1) : Cannot be separated from Diphenylamine
(2) : Cannot be separated from 3-Methylphenol

METHOD 3550A/8270B
SEMIVOLATILE ORGANICS BY GC/MS

[redacted]	: IT CORPORATION	Date Collected:	02/02/00
[redacted]	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[redacted]	: 008015	Date Extracted:	02/04/00 15:00
[redacted] ID:	18609-2744	Date Analyzed:	02/07/00 22:02
Lab Samp ID:	B015-03	Dilution Factor:	1
Lab File ID:	RBX023	Matrix :	SOIL
Ext Btch ID:	SVB003S	% Moisture :	4.2
[redacted]lib. Ref.:	RBX017	Instrument ID :	T-042

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
[redacted]2,4-TRICHLOROBENZENE	ND	340	140
[redacted]2-DICHLOROBENZENE	ND	340	130
[redacted]3-DICHLOROBENZENE	ND	340	130
1,4-DICHLOROBENZENE	ND	340	120
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	340	160
2,4,5-TRICHLOROPHENOL	ND	870	85
[redacted],6-TRICHLOROPHENOL	ND	340	120
[redacted]-DICHLOROPHENOL	ND	340	160
[redacted]-DIMETHYLPHENOL	ND	340	120
2,4-DINITROPHENOL	ND	870	170
2,4-DINITROTOLUENE	ND	340	62
2,6-DINITROTOLUENE	ND	340	77
[redacted]CHLORONAPHTHALENE	ND	340	140
[redacted]CHLOROPHENOL	ND	340	130
[redacted]METHYLNAPHTHALENE	ND	340	150
2-METHYLPHENOL	ND	340	140
2-NITROANILINE	ND	870	93
2-NITROPHENOL	ND	340	160
[redacted]3'-DICHLOROBENZIDINE	ND	340	77
[redacted]NITROANILINE	ND	870	91
[redacted]6-DINITRO-2-METHYLPHENOL	ND	870	120
[redacted]-BROMOPHENYL-PHENYLETHER	ND	340	81
4-CHLORO-3-METHYLPHENOL	ND	340	110
4-CHLOROANILINE	ND	340	130
[redacted]-CHLOROPHENYL-PHENYLETHER	ND	340	85
[redacted]METHYLPHENOL (2)	ND	340	150
[redacted]NITROANILINE	ND	870	73
[redacted]NITROPHENOL	ND	870	160
ACENAPHTHENE	ND	340	110
ACENAPHTHYLENE	ND	340	110
[redacted]NTHRACENE	ND	340	70
[redacted]NZO(A)ANTHRACENE	ND	340	72
[redacted]NZO(A)PYRENE	ND	260	39
[redacted]NZO(B)FLUORANTHENE	ND	340	67
BENZO(G,H,I)PERYLENE	ND	340	43
BENZO(K)FLUORANTHENE	ND	340	71
BIS([redacted]CHLOROETHOXY)METHANE	ND	340	160
[redacted]LOROETHYL)ETHER	ND	340	140
[redacted]HYLHEXYL)PHTHALATE	ND	340	89
[redacted]ZYLPHTHALATE	ND	340	79
CHR[redacted]NE	ND	340	94
DI-N-BUTYLPHTHALATE	ND	340	83
DI-N-OCTYLPHTHALATE	ND	340	52
[redacted]BENZO(A,H)ANTHRACENE	ND	260	33
[redacted]BENZOFURAN	ND	340	110
[redacted]ETHYLPHTHALATE	ND	340	57
DIMETHYLPHTHALATE	ND	340	63
FLUORANTHENE	ND	340	81
FLUORENE	ND	340	77
[redacted]XACHLOROBENZENE	ND	340	94
[redacted]XACHLOROBUTADIENE	ND	340	150
[redacted]XACHLOROCYCLOPENTADIENE	ND	340	190
HEXACHLOROETHANE	ND	340	130
INDENO(1,2,3-CD)PYRENE	ND	340	43
N-NITROSO-DI-N-PROPYLAMINE	ND	260	150
[redacted]NITROSODIPHENYLAMINE (1)	ND	340	75
[redacted]PHTHALENE	ND	340	140
[redacted]TROBENZENE	ND	340	140
PENTACHLOROPHENOL	ND	340	84
PHENANTHRENE	ND	340	69
PHENOL	ND	340	170
[redacted]YRENE	ND	340	94

[redacted]RROGATE PARAMETERS	% RECOVERY	QC LIMIT
2-FLUOROPHENOL	61	25-135
PHENOL-D5	65	25-135
NITROBENZENE-D5	72	25-135
[redacted]FLUOROBIPHENYL	72	34-135
[redacted]4,6-TRIBROMOPHENOL	49	25-144
[redacted]RPHENYL-D14	82	32-136

PRL : Project Reporting Limit
(1) : Cannot be separated from Diphenylamine
[redacted]) : Cannot be separated from 3-Methylphenol

METHOD 3550A/8270B
SEMIVOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/04/00 15:00
Sample ID:	18609-2745	Date Analyzed:	02/07/00 22:40
Lab Samp ID:	B015-04	Dilution Factor:	1
Lab File ID:	RBX024	Matrix :	SOIL
Ext Btch ID:	SVB003S	% Moisture :	5.3
Calib. Ref.:	RBX017	Instrument ID :	T-042

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,2,4-TRICHLOROBENZENE	ND	350	140
1,2-DICHLOROBENZENE	ND	350	140
1,3-DICHLOROBENZENE	ND	350	130
1,4-DICHLOROBENZENE	ND	350	120
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	350	160
2,4,5-TRICHLOROPHENOL	ND	880	86
2,4,6-TRICHLOROPHENOL	ND	350	120
2,4-DICHLOROPHENOL	ND	350	160
2,4-DIMETHYLPHENOL	ND	350	120
2,4-DINITROPHENOL	ND	880	170
2,4-DINITROTOLUENE	ND	350	63
2,6-DINITROTOLUENE	ND	350	78
2-CHLORONAPHTHALENE	ND	350	140
2-CHLOROPHENOL	ND	350	130
2-METHYLNAPHTHALENE	ND	350	150
2-METHYLPHENOL	ND	350	150
2-NITROANILINE	ND	880	94
2-NITROPHENOL	ND	350	160
3,3'-DICHLOROBENZIDINE	ND	350	78
3-NITROANILINE	ND	880	92
4,6-DINITRO-2-METHYLPHENOL	ND	880	120
4-BROMOPHENYL-PHENYLETHER	ND	350	82
4-CHLORO-3-METHYLPHENOL	ND	350	120
4-CHLOROANILINE	ND	350	130
4-CHLOROPHENYL-PHENYLETHER	ND	350	86
4-METHYLPHENOL (2)	ND	350	150
4-NITROANILINE	ND	880	74
4-NITROPHENOL	ND	880	160
ACENAPHTHENE	ND	350	110
ACENAPHTHYLENE	ND	350	110
ANTHRACENE	ND	350	71
BENZO(A)ANTHRACENE	ND	350	72
BENZO(A)PYRENE	ND	260	39
BENZO(B)FLUORANTHENE	ND	350	67
BENZO(G,H,I)PERYLENE	ND	350	44
BENZO(K)FLUORANTHENE	ND	350	72
BIS(2-CHLOROETHOXY)METHANE	ND	350	160
BIS(2-CHLOROETHYL)ETHER	ND	350	140
BIS(2-ETHYLHEXYL)PHTHALATE	ND	350	90
BUTYLBENZYLPHTHALATE	ND	350	80
CHRYSENE	ND	350	95
DI-N-BUTYLPHTHALATE	ND	350	84
DI-N-OCTYLPHTHALATE	ND	350	53
DIBENZO(A,H)ANTHRACENE	ND	260	33
DIBENZOFURAN	ND	350	110
DIETHYLPHTHALATE	ND	350	58
DIMETHYLPHTHALATE	ND	350	63
FLUORANTHENE	ND	350	82
FLUORENE	ND	350	78
HEXACHLOROBENZENE	ND	350	96
HEXACHLOROBUTADIENE	ND	350	150
HEXACHLOROCYCLOPENTADIENE	ND	350	190
HEXACHLOROETHANE	ND	350	130
INDENO(1,2,3-CD)PYRENE	ND	350	44
N-NITROSO-DI-N-PROPYLAMINE	ND	260	150
N-NITROSODIPHENYLAMINE (1)	ND	350	76
NAPHTHALENE	ND	350	140
NITROBENZENE	ND	350	140
PENTACHLOROPHENOL	ND	350	85
PHENANTHRENE	ND	350	70
PHENOL	ND	350	170
PYRENE	ND	350	95

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2-FLUOROPHENOL	61	25-135
PHENOL-D5	64	25-135
NITROBENZENE-D5	68	25-135
2-FLUOROBIPHENYL	66	34-135
2,4,6-TRIBROMOPHENOL	44	25-144
TERPHENYL-D14	81	32-136

PRL : Project Reporting Limit
(1) : Cannot be separated from Diphenylamine
(2) : Cannot be separated from 3-Methylphenol

METHOD 3550A/8270B
SEMIVOLATILE ORGANICS BY GC/MS

[redacted]	: IT CORPORATION	Date Collected:	02/02/00
[redacted]	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[redacted]	: 008015	Date Extracted:	02/04/00 15:00
[redacted] ID:	18609-2746	Date Analyzed:	02/07/00 23:17
Lab [redacted]mp ID:	B015-05	Dilution Factor:	1
Lab File ID:	RBX025	Matrix	: SOIL
[redacted] Btch ID:	SVB003S	% Moisture	: 7.4
[redacted]ib. Ref.:	RBX017	Instrument ID	: T-042

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
[redacted],4-TRICHLOROBENZENE	ND	360	150
[redacted]-DICHLOROBENZENE	ND	360	140
[redacted]-DICHLOROBENZENE	ND	360	130
1,4-DICHLOROBENZENE	ND	360	130
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	360	160
2,4,5-TRICHLOROPHENOL	ND	900	87
[redacted],6-TRICHLOROPHENOL	ND	360	130
[redacted]-DICHLOROPHENOL	ND	360	170
[redacted]-DIMETHYLPHENOL	ND	360	120
[redacted],4-DINITROPHENOL	ND	900	170
2,4-DINITROTOLUENE	ND	360	65
2,6-DINITROTOLUENE	ND	360	80
[redacted]HLORONAPHTHALENE	ND	360	140
[redacted]HLOROPHENOL	ND	360	130
[redacted]ETHYLNAPHTHALENE	ND	360	160
[redacted]METHYLPHENOL	ND	360	150
2-NITROANILINE	ND	900	96
2-NITROPHENOL	ND	360	160
[redacted]'-DICHLOROBENZIDINE	ND	360	79
[redacted]ITROANILINE	ND	900	94
[redacted]-DINITRO-2-METHYLPHENOL	ND	900	120
[redacted]ROMOPHENYL-PHENYLETHER	ND	360	84
4-CHLORO-3-METHYLPHENOL	ND	360	120
4-CHLOROANILINE	ND	360	130
[redacted]HLOROPHENYL-PHENYLETHER	ND	360	88
[redacted]ETHYLPHENOL (2)	ND	360	150
[redacted]ITROANILINE	ND	900	76
[redacted]ITROPHENOL	ND	900	160
ACENAPHTHENE	ND	360	110
ACENAPHTHYLENE	ND	360	110
[redacted]THRACENE	ND	360	72
[redacted]ZO(A)ANTHRACENE	ND	360	74
[redacted]ZO(A)PYRENE	ND	270	40
[redacted]ZO(B)FLUORANTHENE	ND	360	69
BENZO(G,H,I)PERYLENE	ND	360	45
BENZO(K)FLUORANTHENE	ND	360	74
BIS([redacted]CHLOROETHOXY)METHANE	ND	360	160
[redacted]LOROETHYL)ETHER	ND	360	150
[redacted]HYLHEXYL)PHTHALATE	ND	360	92
[redacted]ZYLPHTHALATE	ND	360	82
CHR[redacted]NE	ND	360	97
DI-N-BUTYLPHTHALATE	ND	360	86
DI-N-OCTYLPHTHALATE	ND	360	54
[redacted]BENZO(A,H)ANTHRACENE	ND	270	34
[redacted]BENZOFURAN	ND	360	110
[redacted]ETHYLPHTHALATE	ND	360	59
[redacted]METHYLPHTHALATE	ND	360	65
FLUORANTHENE	ND	360	84
FLUORENE	ND	360	80
[redacted]XACHLOROBENZENE	ND	360	98
[redacted]XACHLOROBUTADIENE	ND	360	150
[redacted]XACHLOROCYCLOPENTADIENE	ND	360	190
[redacted]XACHLOROETHANE	ND	360	140
INDENO(1,2,3-CD)PYRENE	ND	360	45
N-NITROSO-DI-N-PROPYLAMINE	ND	270	150
[redacted]NITROSODIPHENYLAMINE (1)	ND	360	78
[redacted]PHTHALENE	ND	360	150
[redacted]TROBENZENE	ND	360	140
[redacted]NTACHLOROPHENOL	ND	360	87
PHENANTHRENE	ND	360	72
PHENOL	ND	360	170
[redacted]YRENE	ND	360	97

[redacted]RROGATE PARAMETERS	% RECOVERY	QC LIMIT
2-FLUOROPHENOL	46	25-135
PHENOL-D5	50	25-135
[redacted]ITROBENZENE-D5	54	25-135
[redacted]FLUOROBIPHENYL	52	34-135
[redacted]4,6-TRIBROMOPHENOL	41	25-144
[redacted]RPHENYL-D14	85	32-136

PRL : Project Reporting Limit
(1) : Cannot be separated from Diphenylamine
[redacted]) : Cannot be separated from 3-Methylphenol

METHOD 3550A/8270B
SEMIVOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 008015	Date Extracted:	02/04/00 15:00
Sample ID:	18609-2747	Date Analyzed:	02/07/00 23:54
Lab Samp ID:	B015-06	Dilution Factor:	1
Lab File ID:	RBX026	Matrix	: SOIL
Ext Btch ID:	SVB003S	% Moisture	: 17.9
Calib. Ref.:	RBX017	Instrument ID	: T-042

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,2,4-TRICHLOROBENZENE	ND	400	170
1,2-DICHLOROBENZENE	ND	400	160
1,3-DICHLOROBENZENE	ND	400	150
1,4-DICHLOROBENZENE	ND	400	140
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	400	180
2,4,5-TRICHLOROPHENOL	ND	1000	99
2,4,6-TRICHLOROPHENOL	ND	400	140
2,4-DICHLOROPHENOL	ND	400	190
2,4-DIMETHYLPHENOL	ND	400	140
2,4-DINITROPHENOL	ND	1000	200
2,4-DINITROTOLUENE	ND	400	73
2,6-DINITROTOLUENE	ND	400	90
2-CHLORONAPHTHALENE	ND	400	160
2-CHLOROPHENOL	ND	400	150
2-METHYLNAPHTHALENE	ND	400	180
2-METHYLPHENOL	ND	400	170
2-NITROANILINE	ND	1000	110
2-NITROPHENOL	ND	400	180
3,3'-DICHLOROBENZIDINE	ND	400	89
3-NITROANILINE	ND	1000	110
4,6-DINITRO-2-METHYLPHENOL	ND	1000	140
4-BROMOPHENYL-PHENYLETHER	ND	400	95
4-CHLORO-3-METHYLPHENOL	ND	400	130
4-CHLOROANILINE	ND	400	150
4-CHLOROPHENYL-PHENYLETHER	ND	400	100
4-METHYLPHENOL (2)	ND	400	170
4-NITROANILINE	ND	1000	85
4-NITROPHENOL	ND	1000	190
ACENAPHTHENE	ND	400	130
ACENAPHTHYLENE	ND	400	130
ANTHRACENE	ND	400	81
BENZO(A)ANTHRACENE	ND	400	84
BENZO(A)PYRENE	ND	300	45
BENZO(B)FLUORANTHENE	ND	400	78
BENZO(G,H,I)PERYLENE	ND	400	51
BENZO(K)FLUORANTHENE	ND	400	83
BIS(2-CHLOROETHOXY)METHANE	ND	400	180
BIS(2-CHLOROETHYL)ETHER	ND	400	170
BIS(2-ETHYLHEXYL)PHTHALATE	ND	400	100
BUTYLBENZYLPHTHALATE	ND	400	92
CHRYSENE	ND	400	110
DI-N-BUTYLPHTHALATE	ND	400	97
DI-N-OCTYLPHTHALATE	ND	400	61
DIBENZO(A,H)ANTHRACENE	ND	300	38
DIBENZOFURAN	ND	400	130
DIETHYLPHTHALATE	ND	400	66
DIMETHYLPHTHALATE	ND	400	73
FLUORANTHENE	ND	400	94
FLUORENE	ND	400	90
HEXACHLOROBENZENE	ND	400	110
HEXACHLOROBUTADIENE	ND	400	170
HEXACHLOROCYCLOPENTADIENE	ND	400	220
HEXACHLOROETHANE	ND	400	150
INDENO(1,2,3-CD)PYRENE	ND	400	51
N-NITROSO-DI-N-PROPYLAMINE	ND	300	170
N-NITROSODIPHENYLAMINE (1)	ND	400	88
NAPHTHALENE	ND	400	160
NITROBENZENE	ND	400	160
PENTACHLOROPHENOL	ND	400	98
PHENANTHRENE	ND	400	81
PHENOL	ND	400	190
PYRENE	ND	400	110

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2-FLUOROPHENOL	49	25-135
PHENOL-D5	51	25-135
NITROBENZENE-D5	56	25-135
2-FLUOROBIPHENYL	49	34-135
2,4,6-TRIBROMOPHENOL	36	25-144
TERPHENYL-D14	81	32-136

PRL : Project Reporting Limit
(1) : Cannot be separated from Diphenylamine
(2) : Cannot be separated from 3-Methylphenol

METHOD 3550A/8270B
SEMIVOLATILE ORGANICS BY GC/MS

[redacted]nt	: IT CORPORATION	Date Collected:	02/02/00
[redacted]	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[redacted]o.	: 00B015	Date Extracted:	02/04/00 15:00
[redacted] ID:	18609-2748	Date Analyzed:	02/08/00 00:31
La[redacted]mp ID:	B015-07	Dilution Factor:	1
Lab File ID:	RBX027	Matrix :	SOIL
[redacted]t Btch ID:	SVB003S	% Moisture :	12.2
[redacted]lib. Ref.:	RBX017	Instrument ID :	T-042

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
[redacted]2,4-TRICHLOROBENZENE	ND	380	150
[redacted]2-DICHLOROBENZENE	ND	380	150
[redacted]3-DICHLOROBENZENE	ND	380	140
1,4-DICHLOROBENZENE	ND	380	130
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	380	170
2,4,5-TRICHLOROPHENOL	ND	950	92
[redacted],6-TRICHLOROPHENOL	ND	380	130
[redacted]-DICHLOROPHENOL	ND	380	180
[redacted]-DIMETHYLPHENOL	ND	380	130
2,4-DINITROPHENOL	ND	950	180
2,4-DINITROTOLUENE	ND	380	68
2,6-DINITROTOLUENE	ND	380	84
[redacted]CHLORONAPHTHALENE	ND	380	150
[redacted]CHLOROPHENOL	ND	380	140
[redacted]METHYLNAPHTHALENE	ND	380	160
2-METHYLPHENOL	ND	380	160
2-NITROANILINE	ND	950	100
2-NITROPHENOL	ND	380	170
3,3'-DICHLOROBENZIDINE	ND	380	84
[redacted]NITROANILINE	ND	950	99
[redacted]6-DINITRO-2-METHYLPHENOL	ND	950	130
4-BROMOPHENYL-PHENYLETHER	ND	380	88
4-CHLORO-3-METHYLPHENOL	ND	380	120
4-CHLOROANILINE	ND	380	140
4-CHLOROPHENYL-PHENYLETHER	ND	380	93
[redacted]METHYLPHENOL (2)	ND	380	160
[redacted]NITROANILINE	ND	950	80
[redacted]NITROPHENOL	ND	950	170
ACENAPHTHENE	ND	380	120
ACENAPHTHYLENE	ND	380	120
[redacted]NTHRACENE	ND	380	76
[redacted]NZO(A)ANTHRACENE	ND	380	78
[redacted]NZO(A)PYRENE	ND	280	42
[redacted]NZO(B)FLUORANTHENE	ND	380	73
BENZO(G,H,I)PERYLENE	ND	380	47
BENZO(K)FLUORANTHENE	ND	380	78
BIS([redacted]-CHLOROETHOXY)METHANE	ND	380	170
[redacted]YL-2-CHLOROETHYL)ETHER	ND	380	160
[redacted]HYLHEXYL)PHTHALATE	ND	380	97
[redacted]ZYLPHTHALATE	ND	380	86
CHR[redacted]NE	ND	380	100
DI-N-BUTYLPHTHALATE	ND	380	91
DI-N-OCTYLPHTHALATE	ND	380	57
[redacted]BENZO(A,H)ANTHRACENE	ND	280	36
[redacted]BENZOFURAN	ND	380	120
[redacted]ETHYLPHTHALATE	ND	380	62
[redacted]IMETHYLPHTHALATE	ND	380	68
FLUORANTHENE	ND	380	88
FLUORENE	ND	380	84
[redacted]XACHLOROBENZENE	ND	380	100
[redacted]XACHLOROBUTADIENE	ND	380	160
[redacted]XACHLOROCYCLOPENTADIENE	ND	380	200
[redacted]XACHLOROETHANE	ND	380	140
INDENO(1,2,3-CD)PYRENE	ND	380	47
N-NITROSO-DI-N-PROPYLAMINE	ND	280	160
N-NITROSODIPHENYLAMINE (1)	ND	380	82
[redacted]PHTHALENE	ND	380	150
[redacted]TROBENZENE	ND	380	150
[redacted]NTACHLOROPHENOL	ND	380	92
PHENANTHRENE	ND	380	76
PHENOL	ND	380	180
[redacted]RENE	ND	380	100

[redacted]RROGATE PARAMETERS	% RECOVERY	QC LIMIT
2-FLUOROPHENOL	60	25-135
PHENOL-D5	61	25-135
[redacted]ITROBENZENE-D5	65	25-135
[redacted]FLUOROBIPHENYL	59	34-135
[redacted]4,6-TRIBROMOPHENOL	31	25-144
[redacted]RPHENYL-D14	80	32-136

PRL : Project Reporting Limit
(1) : Cannot be separated from Diphenylamine
[redacted]) : Cannot be separated from 3-Methylphenol

METHOD 3550A/8270B
SEMIVOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/04/00 15:00
Sample ID:	18609-2749	Date Analyzed:	02/08/00 01:09
Lab Samp ID:	B015-08	Dilution Factor:	1
Lab File ID:	RBX028	Matrix	: SOIL
Ext Btch ID:	SVB003S	% Moisture	: 4.2
Calib. Ref.:	RBX017	Instrument ID	: T-042

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,2,4-TRICHLOROBENZENE	ND	340	140
1,2-DICHLOROBENZENE	ND	340	130
1,3-DICHLOROBENZENE	ND	340	130
1,4-DICHLOROBENZENE	ND	340	120
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	340	160
2,4,5-TRICHLOROPHENOL	ND	870	85
2,4,6-TRICHLOROPHENOL	ND	340	120
2,4-DICHLOROPHENOL	ND	340	160
2,4-DIMETHYLPHENOL	ND	340	120
2,4-DINITROPHENOL	ND	870	170
2,4-DINITROTOLUENE	ND	340	62
2,6-DINITROTOLUENE	ND	340	77
2-CHLORONAPHTHALENE	ND	340	140
2-CHLOROPHENOL	ND	340	130
2-METHYLNAPHTHALENE	ND	340	150
2-METHYLPHENOL	ND	340	140
2-NITROANILINE	ND	870	93
2-NITROPHENOL	ND	340	160
3,3'-DICHLOROBENZIDINE	ND	340	77
3-NITROANILINE	ND	870	91
4,6-DINITRO-2-METHYLPHENOL	ND	870	120
4-BROMOPHENYL-PHENYLETHER	ND	340	81
4-CHLORO-3-METHYLPHENOL	ND	340	110
4-CHLOROANILINE	ND	340	130
4-CHLOROPHENYL-PHENYLETHER	ND	340	85
4-METHYLPHENOL (2)	ND	340	150
4-NITROANILINE	ND	870	73
4-NITROPHENOL	ND	870	160
ACENAPHTHENE	ND	340	110
ACENAPHTHYLENE	ND	340	110
ANTHRACENE	ND	340	70
BENZO(A)ANTHRACENE	ND	340	72
BENZO(A)PYRENE	ND	260	39
BENZO(B)FLUORANTHENE	ND	340	67
BENZO(G,H,I)PERYLENE	ND	340	43
BENZO(K)FLUORANTHENE	ND	340	71
BIS(2-CHLOROETHOXY)METHANE	ND	340	160
BIS(2-CHLOROETHYL)ETHER	ND	340	140
BIS(2-ETHYLHEXYL)PHTHALATE	ND	340	89
BUTYLBENZYLPHTHALATE	ND	340	79
CHRYSENE	ND	340	94
DI-N-BUTYLPHTHALATE	ND	340	83
DI-N-OCTYLPHTHALATE	ND	340	52
DIBENZO(A,H)ANTHRACENE	ND	260	33
DIBENZOFURAN	ND	340	110
DIETHYLPHTHALATE	ND	340	57
DIMETHYLPHTHALATE	ND	340	63
FLUORANTHENE	ND	340	81
FLUORENE	ND	340	77
HEXACHLOROBENZENE	ND	340	94
HEXACHLOROBUTADIENE	ND	340	150
HEXACHLOROCYCLOPENTADIENE	ND	340	190
HEXACHLOROETHANE	ND	340	130
INDENO(1,2,3-CD)PYRENE	ND	340	43
N-NITROSO-DI-N-PROPYLAMINE	ND	260	150
N-NITROSODIPHENYLAMINE (1)	ND	340	75
NAPHTHALENE	ND	340	140
NITROBENZENE	ND	340	140
PENTACHLOROPHENOL	ND	340	84
PHENANTHRENE	ND	340	69
PHENOL	ND	340	170
PYRENE	ND	340	94

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2-FLUOROPHENOL	66	25-135
PHENOL-D5	67	25-135
NITROBENZENE-D5	73	25-135
2-FLUOROBIPHENYL	70	34-135
2,4,6-TRIBROMOPHENOL	35	25-144
TERPHENYL-D14	82	32-136

PRL : Project Reporting Limit
(1) : Cannot be separated from Diphenylamine
(2) : Cannot be separated from 3-Methylphenol

METHOD 3550A/8270B
SEMIVOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG No.	: 00B015	Date Extracted:	02/04/00 15:00
Client ID:	18609-2750	Date Analyzed:	02/08/00 01:46
Lab Samp ID:	B015-09	Dilution Factor:	1
Lab File ID:	RBX029	Matrix	: SOIL
Ext Btch ID:	SVB003S	% Moisture	: 7.9
Calib. Ref.:	RBX017	Instrument ID	: T-042

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,2,4-TRICHLOROBENZENE	ND	360	150
1,2-DICHLOROBENZENE	ND	360	140
1,3-DICHLOROBENZENE	ND	360	140
1,4-DICHLOROBENZENE	ND	360	130
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	360	160
2,4,5-TRICHLOROPHENOL	ND	900	88
2,4,6-TRICHLOROPHENOL	ND	360	130
2,4-DICHLOROPHENOL	ND	360	170
2,4-DIMETHYLPHENOL	ND	360	120
2,4-DINITROPHENOL	ND	900	180
2,4-DINITROTOLUENE	ND	360	65
2,6-DINITROTOLUENE	ND	360	80
2-CHLORONAPHTHALENE	ND	360	140
2-CHLOROPHENOL	ND	360	130
2-METHYLNAPHTHALENE	ND	360	160
2-METHYLPHENOL	ND	360	150
2-NITROANILINE	ND	900	96
2-NITROPHENOL	ND	360	160
3,3'-DICHLOROBENZIDINE	ND	360	80
3-NITROANILINE	ND	900	95
4,6-DINITRO-2-METHYLPHENOL	ND	900	120
4-BROMOPHENYL-PHENYLETHER	ND	360	84
4-CHLORO-3-METHYLPHENOL	ND	360	120
4-CHLOROANILINE	ND	360	130
4-CHLOROPHENYL-PHENYLETHER	ND	360	89
4-METHYLPHENOL (2)	ND	360	150
4-NITROANILINE	ND	900	76
4-NITROPHENOL	ND	900	170
ACENAPHTHENE	ND	360	110
ACENAPHTHYLENE	ND	360	110
ANTHRACENE	ND	360	73
BENZO(A)ANTHRACENE	ND	360	74
BENZO(A)PYRENE	ND	270	40
BENZO(B)FLUORANTHENE	ND	360	69
BENZO(G,H,I)PERYLENE	ND	360	45
BENZO(K)FLUORANTHENE	ND	360	74
BIS(2-CHLOROETHOXY)METHANE	ND	360	160
BIS(2-CHLOROETHYL)ETHER	ND	360	150
BIS(2-ETHYLHEXYL)PHTHALATE	ND	360	93
BUTYLBENZYLPHTHALATE	ND	360	82
CHRYSENE	ND	360	98
DI-N-BUTYLPHTHALATE	ND	360	87
DI-N-OCTYLPHTHALATE	ND	360	54
DIBENZO(A,H)ANTHRACENE	ND	270	34
DIBENZOFURAN	ND	360	110
DIETHYLPHTHALATE	ND	360	59
DIMETHYLPHTHALATE	ND	360	65
FLUORANTHENE	ND	360	84
FLUORENE	ND	360	80
HEXACHLOROBENZENE	ND	360	98
HEXACHLOROBUTADIENE	ND	360	150
HEXACHLOROCYCLOPENTADIENE	ND	360	190
HEXACHLOROETHANE	ND	360	140
INDENO(1,2,3-CD)PYRENE	ND	360	45
N-NITROSO-DI-N-PROPYLAMINE	ND	270	150
N-NITROSODIPHENYLAMINE (1)	ND	360	78
NAPHTHALENE	ND	360	150
NITROBENZENE	ND	360	150
PENTACHLOROPHENOL	ND	360	87
PHENANTHRENE	ND	360	72
PHENOL	ND	360	170
PYRENE	ND	360	98

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2-FLUOROPHENOL	50	25-135
PHENOL-D5	52	25-135
NITROBENZENE-D5	58	25-135
2-FLUOROBIPHENYL	54	34-135
2,4,6-TRIBROMOPHENOL	30	25-144
TERPHENYL-D14	84	32-136

PRL : Project Reporting Limit
(1) : Cannot be separated from Diphenylamine
(2) : Cannot be separated from 3-Methylphenol

METHOD 3550A/8270B
SEMIVOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/04/00 15:00
Sample ID:	18609-2751	Date Analyzed:	02/08/00 02:23
Lab Samp ID:	B015-10	Dilution Factor:	1
Lab File ID:	RBX030	Matrix :	SOIL
Ext Btch ID:	SVB003S	% Moisture :	17.8
Calib. Ref.:	RBX017	Instrument ID :	T-042

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,2,4-TRICHLOROBENZENE	ND	400	170
1,2-DICHLOROBENZENE	ND	400	160
1,3-DICHLOROBENZENE	ND	400	150
1,4-DICHLOROBENZENE	ND	400	140
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	400	180
2,4,5-TRICHLOROPHENOL	ND	1000	99
2,4,6-TRICHLOROPHENOL	ND	400	140
2,4-DICHLOROPHENOL	ND	400	190
2,4-DIMETHYLPHENOL	ND	400	140
2,4-DINITROPHENOL	ND	1000	200
2,4-DINITROTOLUENE	ND	400	73
2,6-DINITROTOLUENE	ND	400	90
2-CHLORONAPHTHALENE	ND	400	160
2-CHLOROPHENOL	ND	400	150
2-METHYLNAPHTHALENE	ND	400	180
2-METHYLPHENOL	ND	400	170
2-NITROANILINE	ND	1000	110
2-NITROPHENOL	ND	400	180
3,3'-DICHLOROBENZIDINE	ND	400	89
3-NITROANILINE	ND	1000	110
4,6-DINITRO-2-METHYLPHENOL	ND	1000	140
4-BROMOPHENYL-PHENYLETHER	ND	400	94
4-CHLORO-3-METHYLPHENOL	ND	400	130
4-CHLOROANILINE	ND	400	150
4-CHLOROPHENYL-PHENYLETHER	ND	400	100
4-METHYLPHENOL (2)	ND	400	170
4-NITROANILINE	ND	1000	85
4-NITROPHENOL	ND	1000	190
ACENAPHTHENE	ND	400	130
ACENAPHTHYLENE	ND	400	130
ANTHRACENE	ND	400	81
BENZO(A)ANTHRACENE	ND	400	83
BENZO(A)PYRENE	ND	300	45
BENZO(B)FLUORANTHENE	ND	400	78
BENZO(G,H,I)PERYLENE	ND	400	50
BENZO(K)FLUORANTHENE	ND	400	83
BIS(2-CHLOROETHOXY)METHANE	ND	400	180
BIS(2-CHLOROETHYL)ETHER	ND	400	170
BIS(2-ETHYLHEXYL)PHTHALATE	ND	400	100
BUTYLBENZYLPHTHALATE	ND	400	92
CHRYSENE	ND	400	110
DI-N-BUTYLPHTHALATE	ND	400	97
DI-N-OCTYLPHTHALATE	ND	400	61
DIBENZO(A,H)ANTHRACENE	ND	300	38
DIBENZOFURAN	ND	400	130
DIETHYLPHTHALATE	ND	400	66
DIMETHYLPHTHALATE	ND	400	73
FLUORANTHENE	ND	400	94
FLUORENE	ND	400	90
HEXACHLOROBENZENE	ND	400	110
HEXACHLOROBUTADIENE	ND	400	170
HEXACHLOROCYCLOPENTADIENE	ND	400	220
HEXACHLOROETHANE	ND	400	150
INDENO(1,2,3-CD)PYRENE	ND	400	50
N-NITROSO-DI-N-PROPYLAMINE	ND	300	170
N-NITROSODIPHENYLAMINE (1)	ND	400	87
NAPHTHALENE	ND	400	160
NITROBENZENE	ND	400	160
PENTACHLOROPHENOL	ND	400	98
PHENANTHRENE	ND	400	81
PHENOL	ND	400	190
PYRENE	ND	400	110

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2-FLUOROPHENOL	60	25-135
PHENOL-D5	63	25-135
NITROBENZENE-D5	73	25-135
2-FLUOROBIPHENYL	65	34-135
2,4,6-TRIBROMOPHENOL	32	25-144
TERPHENYL-D14	83	32-136

PRL : Project Reporting Limit
(1) : Cannot be separated from Diphenylamine
(2) : Cannot be separated from 3-Methylphenol

METHOD 3550A/8270B
SEMIVOLATILE ORGANICS BY GC/MS

[redacted]	: IT CORPORATION	Date Collected:	02/02/00
[redacted]	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[redacted]	: 00B015	Date Extracted:	02/04/00 15:00
[redacted] ID:	18609-2752	Date Analyzed:	02/09/00 00:26
Lab Samp ID:	B015-11	Dilution Factor:	1
Lab File ID:	RBX045	Matrix :	SOIL
[redacted] Btch ID:	SVB003S	% Moisture :	8.9
[redacted]ib. Ref.:	RBX036	Instrument ID :	T-042

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
[redacted],4-TRICHLOROBENZENE	ND	360	150
[redacted]-DICHLOROBENZENE	ND	360	140
[redacted]-DICHLOROBENZENE	ND	360	140
1,4-DICHLOROBENZENE	ND	360	130
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	360	160
2,4,5-TRICHLOROPHENOL	ND	910	89
2,4,6-TRICHLOROPHENOL	ND	360	130
[redacted]-DICHLOROPHENOL	ND	360	170
[redacted]-DIMETHYLPHENOL	ND	360	130
2,4-DINITROPHENOL	ND	910	180
2,4-DINITROTOLUENE	ND	360	66
2,6-DINITROTOLUENE	ND	360	81
[redacted]HLORONAPHTHALENE	ND	360	150
[redacted]HLOROPHENOL	ND	360	130
[redacted]ETHYLNAPHTHALENE	ND	360	160
2-METHYLPHENOL	ND	360	150
2-NITROANILINE	ND	910	97
2-NITROPHENOL	ND	360	160
[redacted]'-DICHLOROBENZIDINE	ND	360	81
[redacted]ITROANILINE	ND	910	96
[redacted]-DINITRO-2-METHYLPHENOL	ND	910	120
4-BROMOPHENYL-PHENYLETHER	ND	360	85
4-CHLORO-3-METHYLPHENOL	ND	360	120
4-CHLOROANILINE	ND	360	130
[redacted]HLOROPHENYL-PHENYLETHER	ND	360	90
[redacted]ETHYLPHENOL (2)	ND	360	150
[redacted]ITROANILINE	ND	910	77
[redacted]ITROPHENOL	ND	910	170
ACENAPHTHENE	ND	360	110
ACENAPHTHYLENE	ND	360	110
[redacted]THRACENE	ND	360	73
[redacted]ZO(A)ANTHRACENE	ND	360	75
[redacted]ZO(A)PYRENE	ND	270	41
[redacted]ZO(B)FLUORANTHENE	ND	360	70
BENZO(G,H,I)PERYLENE	ND	360	46
BENZO(K)FLUORANTHENE	ND	360	75
[redacted]HLOROETHOXY)METHANE	ND	360	160
[redacted]LOROETHYL)ETHER	ND	360	150
[redacted]HYLHEXYL)PHTHALATE	ND	360	94
[redacted]ZYLPHTHALATE	ND	360	83
CHRYSENE	ND	360	99
DI-N-BUTYLPHTHALATE	ND	360	87
DI-N-OCTYLPHTHALATE	ND	360	55
[redacted]ENZO(A,H)ANTHRACENE	ND	270	35
[redacted]ENZOFURAN	ND	360	110
[redacted]ETHYLPHTHALATE	ND	360	60
DIMETHYLPHTHALATE	ND	360	66
FLUORANTHENE	ND	360	85
FLUORENE	ND	360	81
[redacted]XACHLOROBENZENE	ND	360	99
[redacted]XACHLOROBUTADIENE	ND	360	150
[redacted]XACHLOROCYCLOPENTADIENE	ND	360	200
HEXACHLOROETHANE	ND	360	140
INDENO(1,2,3-CD)PYRENE	ND	360	46
N-NITROSO-DI-N-PROPYLAMINE	ND	270	150
[redacted]ITROSODIPHENYLAMINE (1)	ND	360	79
[redacted]PHTHALENE	ND	360	150
[redacted]TROBENZENE	ND	360	150
PENTACHLOROPHENOL	ND	360	88
PHENANTHRENE	ND	360	73
PHENOL	ND	360	180
[redacted]RENE	ND	360	99

[redacted]RROGATE PARAMETERS	% RECOVERY	QC LIMIT
2-FLUOROPHENOL	50	25-135
PHENOL-D5	55	25-135
[redacted]TROBENZENE-D5	56	25-135
[redacted]FLUOROBIPHENYL	63	34-135
[redacted]4,6-TRIBROMOPHENOL	77	25-144
[redacted]RPHENYL-D14	78	32-136

PRL : Project Reporting Limit
(1) : Cannot be separated from Diphenylamine
[redacted] : Cannot be separated from 3-Methylphenol

METHOD 3550A/8270B
SEMIVOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/04/00 15:00
Sample ID:	18609-2753	Date Analyzed:	02/09/00 01:03
Lab Samp ID:	B015-12	Dilution Factor:	1
Lab File ID:	RBX046	Matrix	: SOIL
Ext Btch ID:	SVB003S	% Moisture	: 6.8
Calib. Ref.:	RBX036	Instrument ID	: T-042

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,2,4-TRICHLOROBENZENE	ND	350	150
1,2-DICHLOROBENZENE	ND	350	140
1,3-DICHLOROBENZENE	ND	350	130
1,4-DICHLOROBENZENE	ND	350	130
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	350	160
2,4,5-TRICHLOROPHENOL	ND	890	87
2,4,6-TRICHLOROPHENOL	ND	350	130
2,4-DICHLOROPHENOL	ND	350	170
2,4-DIMETHYLPHENOL	ND	350	120
2,4-DINITROPHENOL	ND	890	170
2,4-DINITROTOLUENE	ND	350	64
2,6-DINITROTOLUENE	ND	350	79
2-CHLORONAPHTHALENE	ND	350	140
2-CHLOROPHENOL	ND	350	130
2-METHYLNAPHTHALENE	ND	350	150
2-METHYLPHENOL	ND	350	150
2-NITROANILINE	ND	890	95
2-NITROPHENOL	ND	350	160
3,3'-DICHLOROBENZIDINE	ND	350	79
3-NITROANILINE	ND	890	93
4,6-DINITRO-2-METHYLPHENOL	ND	890	120
4-BROMOPHENYL-PHENYLETHER	ND	350	83
4-CHLORO-3-METHYLPHENOL	ND	350	120
4-CHLOROANILINE	ND	350	130
4-CHLOROPHENYL-PHENYLETHER	ND	350	88
4-METHYLPHENOL (2)	ND	350	150
4-NITROANILINE	ND	890	75
4-NITROPHENOL	ND	890	160
ACENAPHTHENE	ND	350	110
ACENAPHTHYLENE	ND	350	110
ANTHRACENE	ND	350	72
BENZO(A)ANTHRACENE	ND	350	74
BENZO(A)PYRENE	ND	270	40
BENZO(B)FLUORANTHENE	ND	350	68
BENZO(G,H,I)PERYLENE	ND	350	45
BENZO(K)FLUORANTHENE	ND	350	73
BIS(2-CHLOROETHOXY)METHANE	ND	350	160
BIS(2-CHLOROETHYL)ETHER	ND	350	150
BIS(2-ETHYLHEXYL)PHTHALATE	ND	350	92
BUTYLBENZYLPHTHALATE	ND	350	81
CHRYSENE	ND	350	97
DI-N-BUTYLPHTHALATE	ND	350	86
DI-N-OCTYLPHTHALATE	ND	350	54
DIBENZO(A,H)ANTHRACENE	ND	270	34
DIBENZOFURAN	ND	350	110
DIETHYLPHTHALATE	ND	350	58
DIMETHYLPHTHALATE	ND	350	64
FLUORANTHENE	ND	350	83
FLUORENE	ND	350	79
HEXACHLOROBENZENE	ND	350	97
HEXACHLOROBUTADIENE	ND	350	150
HEXACHLOROCYCLOPENTADIENE	ND	350	190
HEXACHLOROETHANE	ND	350	140
INDENO(1,2,3-CD)PYRENE	ND	350	45
N-NITROSO-DI-N-PROPYLAMINE	ND	270	150
N-NITROSODIPHENYLAMINE (1)	ND	350	77
NAPHTHALENE	ND	350	140
NITROBENZENE	ND	350	140
PENTACHLOROPHENOL	ND	350	86
PHENANTHRENE	ND	350	71
PHENOL	ND	350	170
PYRENE	ND	350	97

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2-FLUOROPHENOL	45	25-135
PHENOL-D5	49	25-135
NITROBENZENE-D5	50	25-135
2-FLUOROBIPHENYL	55	34-135
2,4,6-TRIBROMOPHENOL	60	25-144
TERPHENYL-D14	77	32-136

PRL : Project Reporting Limit
(1) : Cannot be separated from Diphenylamine
(2) : Cannot be separated from 3-Methylphenol

METHOD 3550A/8270B
SEMIVOLATILE ORGANICS BY GC/MS

[redacted]t	: IT CORPORATION	Date Collected:	02/02/00
[redacted]t	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[redacted]o.	: 00B015	Date Extracted:	02/04/00 15:00
[redacted] ID	: 18609-2754	Date Analyzed:	02/09/00 01:40
Lab Samp ID	: B015-13	Dilution Factor:	1
Lab File ID	: RBX047	Matrix	: SOIL
[redacted]t Btch ID	: SVB003S	% Moisture	: 7.6
[redacted]lib. Ref.	: RBX036	Instrument ID	: T-042

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
[redacted]2,4-TRICHLOROBENZENE	ND	360	150
[redacted]2-DICHLOROBENZENE	ND	360	140
[redacted]3-DICHLOROBENZENE	ND	360	140
1,4-DICHLOROBENZENE	ND	360	130
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	360	160
2,4,5-TRICHLOROPHENOL	ND	900	88
[redacted]4,6-TRICHLOROPHENOL	ND	360	130
[redacted]4-DICHLOROPHENOL	ND	360	170
[redacted]4-DIMETHYLPHENOL	ND	360	120
2,4-DINITROPHENOL	ND	900	180
2,4-DINITROTOLUENE	ND	360	65
2,6-DINITROTOLUENE	ND	360	80
[redacted]CHLORONAPHTHALENE	ND	360	140
[redacted]CHLOROPHENOL	ND	360	130
[redacted]METHYLNAPHTHALENE	ND	360	160
2-METHYLPHENOL	ND	360	150
2-NITROANILINE	ND	900	96
2-NITROPHENOL	ND	360	160
[redacted]3'-DICHLOROBENZIDINE	ND	360	79
[redacted]NITROANILINE	ND	900	94
[redacted]6-DINITRO-2-METHYLPHENOL	ND	900	120
4-BROMOPHENYL-PHENYLETHER	ND	360	84
4-CHLORO-3-METHYLPHENOL	ND	360	120
4-CHLOROANILINE	ND	360	130
[redacted]CHLOROPHENYL-PHENYLETHER	ND	360	89
[redacted]METHYLPHENOL (2)	ND	360	150
[redacted]NITROANILINE	ND	900	76
[redacted]NITROPHENOL	ND	900	160
ACENAPHTHENE	ND	360	110
ACENAPHTHYLENE	ND	360	110
[redacted]NTHRACENE	ND	360	72
[redacted]ENZO(A)ANTHRACENE	ND	360	74
[redacted]ENZO(A)PYRENE	ND	270	40
[redacted]ENZO(B)FLUORANTHENE	ND	360	69
BENZO(G,H,I)PERYLENE	ND	360	45
BENZO(K)FLUORANTHENE	ND	360	74
B[redacted]CHLOROETHOXY)METHANE	ND	360	160
[redacted]HLOROETHYL)ETHER	ND	360	150
[redacted]THYLHEXYL)PHTHALATE	ND	360	93
[redacted]ENZYLPHTHALATE	ND	360	82
CHRYSENE	ND	360	98
DI-N-BUTYLPHTHALATE	ND	360	86
DI-N-OCTYLPHTHALATE	ND	360	54
[redacted]BENZO(A,H)ANTHRACENE	ND	270	34
[redacted]BENZOFURAN	ND	360	110
[redacted]ETHYLPHTHALATE	ND	360	59
DIMETHYLPHTHALATE	ND	360	65
FLUORANTHENE	ND	360	84
FLUORENE	ND	360	80
[redacted]EXACHLOROBENZENE	ND	360	98
[redacted]EXACHLOROBUTADIENE	ND	360	150
[redacted]EXACHLOROCYCLOPENTADIENE	ND	360	190
HEXACHLOROETHANE	ND	360	140
INDENO(1,2,3-CD)PYRENE	ND	360	45
N-NITROSO-DI-N-PROPYLAMINE	ND	270	150
[redacted]-NITROSODIPHENYLAMINE (1)	ND	360	78
[redacted]APHTHALENE	ND	360	150
[redacted]ITROBENZENE	ND	360	140
[redacted]ENTACHLOROPHENOL	ND	360	87
PHENANTHRENE	ND	360	72
PHENOL	ND	360	170
[redacted]YRENE	ND	360	98

[redacted]URROGATE PARAMETERS	% RECOVERY	QC LIMIT
2-FLUOROPHENOL	50	25-135
PHENOL-D5	54	25-135
[redacted]ITROBENZENE-D5	57	25-135
[redacted]-FLUOROBIPHENYL	64	34-135
[redacted],4,6-TRIBROMOPHENOL	66	25-144
[redacted]ERPHENYL-D14	75	32-136

PRL : Project Reporting Limit
[redacted](1) : Cannot be separated from Diphenylamine
[redacted](2) : Cannot be separated from 3-Methylphenol

METHOD 3550A/8270B
SEMIVOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/04/00 15:00
Sample ID:	18609-2755	Date Analyzed:	02/09/00 02:17
Lab Samp ID:	B015-14	Dilution Factor:	1
Lab File ID:	RBX048	Matrix :	SOIL
Ext Btch ID:	SVB003S	% Moisture :	8.9
Calib. Ref.:	RBX036	Instrument ID :	T-042

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,2,4-TRICHLOROBENZENE	ND	360	150
1,2-DICHLOROBENZENE	ND	360	140
1,3-DICHLOROBENZENE	ND	360	140
1,4-DICHLOROBENZENE	ND	360	130
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	360	160
2,4,5-TRICHLOROPHENOL	ND	910	89
2,4,6-TRICHLOROPHENOL	ND	360	130
2,4-DICHLOROPHENOL	ND	360	170
2,4-DIMETHYLPHENOL	ND	360	130
2,4-DINITROPHENOL	ND	910	180
2,4-DINITROTOLUENE	ND	360	66
2,6-DINITROTOLUENE	ND	360	81
2-CHLORONAPHTHALENE	ND	360	150
2-CHLOROPHENOL	ND	360	130
2-METHYLNAPHTHALENE	ND	360	160
2-METHYLPHENOL	ND	360	150
2-NITROANILINE	ND	910	97
2-NITROPHENOL	ND	360	160
3,3'-DICHLOROBENZIDINE	ND	360	81
3-NITROANILINE	ND	910	96
4,6-DINITRO-2-METHYLPHENOL	ND	910	120
4-BROMOPHENYL-PHENYLETHER	ND	360	85
4-CHLORO-3-METHYLPHENOL	ND	360	120
4-CHLOROANILINE	ND	360	130
4-CHLOROPHENYL-PHENYLETHER	ND	360	90
4-METHYLPHENOL (2)	ND	360	150
4-NITROANILINE	ND	910	77
4-NITROPHENOL	ND	910	170
ACENAPHTHENE	ND	360	110
ACENAPHTHYLENE	ND	360	110
ANTHRACENE	ND	360	73
BENZO(A)ANTHRACENE	ND	360	75
BENZO(A)PYRENE	ND	270	41
BENZO(B)FLUORANTHENE	ND	360	70
BENZO(G,H,I)PERYLENE	ND	360	46
BENZO(K)FLUORANTHENE	ND	360	75
BIS(2-CHLOROETHOXY)METHANE	ND	360	160
BIS(2-CHLOROETHYL)ETHER	ND	360	150
BIS(2-ETHYLHEXYL)PHTHALATE	ND	360	94
BUTYLBENZYLPHTHALATE	ND	360	83
CHRYSENE	ND	360	99
DI-N-BUTYLPHTHALATE	ND	360	87
DI-N-OCTYLPHTHALATE	ND	360	55
DIBENZO(A,H)ANTHRACENE	ND	270	35
DIBENZOFURAN	ND	360	110
DIETHYLPHTHALATE	ND	360	60
DIMETHYLPHTHALATE	ND	360	66
FLUORANTHENE	ND	360	85
FLUORENE	ND	360	81
HEXACHLOROBENZENE	ND	360	99
HEXACHLOROBUTADIENE	ND	360	150
HEXACHLOROCYCLOPENTADIENE	ND	360	200
HEXACHLOROETHANE	ND	360	140
INDENO(1,2,3-CD)PYRENE	ND	360	46
N-NITROSO-DI-N-PROPYLAMINE	ND	270	150
N-NITROSODIPHENYLAMINE (1)	ND	360	79
NAPHTHALENE	ND	360	150
NITROBENZENE	ND	360	150
PENTACHLOROPHENOL	ND	360	88
PHENANTHRENE	ND	360	73
PHENOL	ND	360	180
PYRENE	ND	360	99

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2-FLUOROPHENOL	54	25-135
PHENOL-D5	57	25-135
NITROBENZENE-D5	60	25-135
2-FLUOROBIPHENYL	66	34-135
2,4,6-TRIBROMOPHENOL	68	25-144
TERPHENYL-D14	82	32-136

PRL : Project Reporting Limit
(1) : Cannot be separated from Diphenylamine
(2) : Cannot be separated from 3-Methylphenol

METHOD 3550A/8270B
SEMIVOLATILE ORGANICS BY GC/MS

[redacted]	: IT CORPORATION	Date Collected:	02/02/00
[redacted]	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[redacted]	: 008015	Date Extracted:	02/04/00 15:00
[redacted] ID:	18609-2756	Date Analyzed:	02/09/00 02:54
Lab Samp ID:	B015-15	Dilution Factor:	1
Lab File ID:	RBX049	Matrix :	SOIL
[redacted]t Btch ID:	SVB003S	% Moisture :	17.2
[redacted]lib. Ref.:	RBX036	Instrument ID :	T-042

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
[redacted]2,4-TRICHLOROBENZENE	ND	400	160
[redacted]2-DICHLOROBENZENE	ND	400	160
[redacted]3-DICHLOROBENZENE	ND	400	150
[redacted]4-DICHLOROBENZENE	ND	400	140
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	400	180
2,4,5-TRICHLOROPHENOL	ND	1000	98
[redacted]4,6-TRICHLOROPHENOL	ND	400	140
[redacted]4-DICHLOROPHENOL	ND	400	190
[redacted]4-DIMETHYLPHENOL	ND	400	140
2,4-DINITROPHENOL	ND	1000	200
2,4-DINITROTOLUENE	ND	400	72
2,6-DINITROTOLUENE	ND	400	89
[redacted]CHLORONAPHTHALENE	ND	400	160
[redacted]CHLOROPHENOL	ND	400	150
[redacted]METHYLNAPHTHALENE	ND	400	170
2-METHYLPHENOL	ND	400	170
2-NITROANILINE	ND	1000	110
2-NITROPHENOL	ND	400	180
[redacted]3'-DICHLOROBENZIDINE	ND	400	89
[redacted]NITROANILINE	ND	1000	110
[redacted]6-DINITRO-2-METHYLPHENOL	ND	1000	140
4-BROMOPHENYL-PHENYLETHER	ND	400	94
4-CHLORO-3-METHYLPHENOL	ND	400	130
4-CHLOROANILINE	ND	400	150
[redacted]CHLOROPHENYL-PHENYLETHER	ND	400	99
[redacted]METHYLPHENOL (2)	ND	400	170
[redacted]NITROANILINE	ND	1000	85
[redacted]NITROPHENOL	ND	1000	180
ACENAPHTHENE	ND	400	130
ACENAPHTHYLENE	ND	400	120
[redacted]NTHRACENE	ND	400	81
[redacted]NZO(A)ANTHRACENE	ND	400	83
[redacted]NZO(A)PYRENE	ND	300	45
[redacted]NZO(B)FLUORANTHENE	ND	400	77
BENZO(G,H,I)PERYLENE	ND	400	50
BENZO(K)FLUORANTHENE	ND	400	82
BI[redacted]CHLOROETHOXY)METHANE	ND	400	180
[redacted]HLOROETHYL)ETHER	ND	400	160
[redacted]THYLHEXYL)PHTHALATE	ND	400	100
[redacted]NZYLPHTHALATE	ND	400	91
CHRYSENE	ND	400	110
DI-N-BUTYLPHTHALATE	ND	400	96
DI-N-OCTYLPHTHALATE	ND	400	60
[redacted]BENZO(A,H)ANTHRACENE	ND	300	38
[redacted]BENZOFURAN	ND	400	130
[redacted]ETHYLPHTHALATE	ND	400	66
DIMETHYLPHTHALATE	ND	400	72
FLUORANTHENE	ND	400	93
FLUORENE	ND	400	89
[redacted]EXACHLOROBENZENE	ND	400	110
[redacted]EXACHLOROBUTADIENE	ND	400	170
[redacted]EXACHLOROCYCLOPENTADIENE	ND	400	210
HEXACHLOROETHANE	ND	400	150
INDENO(1,2,3-CD)PYRENE	ND	400	50
N-NITROSO-DI-N-PROPYLAMINE	ND	300	170
[redacted]NITROSODIPHENYLAMINE (1)	ND	400	87
[redacted]APHTHALENE	ND	400	160
[redacted]TROBENZENE	ND	400	160
[redacted]ENTACHLOROPHENOL	ND	400	97
PHENANTHRENE	ND	400	80
PHENOL	ND	400	190
[redacted]RENE	ND	400	110

[redacted]URROGATE PARAMETERS	% RECOVERY	QC LIMIT
2-FLUOROPHENOL	59	25-135
PHENOL-D5	60	25-135
[redacted]ITROBENZENE-D5	62	25-135
[redacted]-FLUOROBIPHENYL	66	34-135
[redacted]4,6-TRIBROMOPHENOL	66	25-144
[redacted]ERPHENYL-D14	77	32-136

PRL : Project Reporting Limit
[redacted]1) : Cannot be separated from Diphenylamine
[redacted]2) : Cannot be separated from 3-Methylphenol

METHOD 3550A/8270B
SEMIVOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2757	Date Analyzed:	02/08/00 23:56
Lab Samp ID:	B015-16	Dilution Factor:	1
Lab File ID:	RBZ218	Matrix	: SOIL
Ext Btch ID:	SVB004S	% Moisture	: 28.1
Calib. Ref.:	RBZ211	Instrument ID	: T-048

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,2,4-TRICHLOROBENZENE	ND	460	190
1,2-DICHLOROBENZENE	ND	460	180
1,3-DICHLOROBENZENE	ND	460	170
1,4-DICHLOROBENZENE	ND	460	160
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	460	210
2,4,5-TRICHLOROPHENOL	ND	1200	110
2,4,6-TRICHLOROPHENOL	ND	460	160
2,4-DICHLOROPHENOL	ND	460	210
2,4-DIMETHYLPHENOL	ND	460	160
2,4-DINITROPHENOL	ND	1200	230
2,4-DINITROTOLUENE	ND	460	83
2,6-DINITROTOLUENE	ND	460	100
2-CHLORONAPHTHALENE	ND	460	180
2-CHLOROPHENOL	ND	460	170
2-METHYLNAPHTHALENE	ND	460	200
2-METHYLPHENOL	ND	460	190
2-NITROANILINE	ND	1200	120
2-NITROPHENOL	ND	460	210
3,3'-DICHLOROBENZIDINE	ND	460	100
3-NITROANILINE	ND	1200	120
4,6-DINITRO-2-METHYLPHENOL	ND	1200	160
4-BROMOPHENYL-PHENYLETHER	ND	460	110
4-CHLORO-3-METHYLPHENOL	ND	460	150
4-CHLOROANILINE	ND	460	170
4-CHLOROPHENYL-PHENYLETHER	ND	460	110
4-METHYLPHENOL (2)	ND	460	190
4-NITROANILINE	ND	1200	97
4-NITROPHENOL	ND	1200	210
ACENAPHTHENE	ND	460	140
ACENAPHTHYLENE	ND	460	140
ANTHRACENE	ND	460	93
BENZO(A)ANTHRACENE	ND	460	95
BENZO(A)PYRENE	ND	350	51
BENZO(B)FLUORANTHENE	ND	460	89
BENZO(G,H,I)PERYLENE	ND	460	58
BENZO(K)FLUORANTHENE	ND	460	95
BIS(2-CHLOROETHOXY)METHANE	ND	460	210
BIS(2-CHLOROETHYL)ETHER	ND	460	190
BIS(2-ETHYLHEXYL)PHTHALATE	ND	460	120
BUTYLBENZYLPHTHALATE	ND	460	110
CHRYSENE	ND	460	130
DI-N-BUTYLPHTHALATE	ND	460	110
DI-N-OCTYLPHTHALATE	ND	460	70
DIBENZO(A,H)ANTHRACENE	ND	350	44
DIBENZOFURAN	ND	460	140
DIETHYLPHTHALATE	ND	460	76
DIMETHYLPHTHALATE	ND	460	83
FLUORANTHENE	ND	460	110
FLUORENE	ND	460	100
HEXACHLOROBENZENE	ND	460	130
HEXACHLOROBUTADIENE	ND	460	200
HEXACHLOROCYCLOPENTADIENE	ND	460	250
HEXACHLOROETHANE	ND	460	180
INDENO(1,2,3-CD)PYRENE	ND	460	58
N-NITROSO-DI-N-PROPYLAMINE	ND	350	200
N-NITROSODIPHENYLAMINE (1)	ND	460	100
NAPHTHALENE	ND	460	190
NITROBENZENE	ND	460	190
PENTACHLOROPHENOL	ND	460	110
PHENANTHRENE	ND	460	92
PHENOL	ND	460	220
PYRENE	ND	460	130

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2-FLUOROPHENOL	48	25-135
PHENOL-D5	48	25-135
NITROBENZENE-D5	53	25-135
2-FLUOROBIPHENYL	49	34-135
2,4,6-TRIBROMOPHENOL	58	25-144
TERPHENYL-D14	93	32-136

PRL : Project Reporting Limit
(1) : Cannot be separated from Diphenylamine
(2) : Cannot be separated from 3-Methylphenol

METHOD 3550A/8270B
SEMIVOLATILE ORGANICS BY GC/MS

[redacted]t	: IT CORPORATION	Date Collected:	02/02/00
[redacted]	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[redacted]o.	: 008015	Date Extracted:	02/04/00 18:00
[redacted] ID:	18609-2758	Date Analyzed:	02/09/00 00:36
Lab Samp ID:	B015-17	Dilution Factor:	1
Lab File ID:	RBZ219	Matrix :	SOIL
[redacted]t Btch ID:	SVB004S	% Moisture :	6.5
[redacted]lib. Ref.:	RBZ211	Instrument ID :	T-048

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
[redacted]2,4-TRICHLOROBENZENE	ND	350	150
[redacted]2-DICHLOROBENZENE	ND	350	140
[redacted]3-DICHLOROBENZENE	ND	350	130
[redacted],4-DICHLOROBENZENE	ND	350	120
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	350	160
2,4,5-TRICHLOROPHENOL	ND	890	87
[redacted]4,6-TRICHLOROPHENOL	ND	350	130
[redacted]4-DICHLOROPHENOL	ND	350	160
[redacted]4-DIMETHYLPHENOL	ND	350	120
2,4-DINITROPHENOL	ND	890	170
2,4-DINITROTOLUENE	ND	350	64
2,6-DINITROTOLUENE	ND	350	79
[redacted]CHLORONAPHTHALENE	ND	350	140
[redacted]CHLOROPHENOL	ND	350	130
[redacted]METHYLNAPHTHALENE	ND	350	150
2-METHYLPHENOL	ND	350	150
2-NITROANILINE	ND	890	95
2-NITROPHENOL	ND	350	160
[redacted]3'-DICHLOROBENZIDINE	ND	350	79
[redacted]NITROANILINE	ND	890	93
[redacted]6-DINITRO-2-METHYLPHENOL	ND	890	120
[redacted]-BROMOPHENYL-PHENYLETHER	ND	350	83
4-CHLORO-3-METHYLPHENOL	ND	350	120
4-CHLOROANILINE	ND	350	130
[redacted]CHLOROPHENYL-PHENYLETHER	ND	350	88
[redacted]METHYLPHENOL (2)	ND	350	150
[redacted]NITROANILINE	ND	890	75
[redacted]NITROPHENOL	ND	890	160
ACENAPHTHENE	ND	350	110
ACENAPHTHYLENE	ND	350	110
[redacted]NTHRACENE	ND	350	72
[redacted]NZO(A)ANTHRACENE	ND	350	73
[redacted]NZO(A)PYRENE	ND	270	40
[redacted]NZO(B)FLUORANTHENE	ND	350	68
BENZO(G,H,I)PERYLENE	ND	350	44
BENZO(K)FLUORANTHENE	ND	350	73
BIS([redacted]CHLOROETHOXY)METHANE	ND	350	160
[redacted]LOROETHYL)ETHER	ND	350	150
[redacted]HYLHEXYL)PHTHALATE	ND	350	91
[redacted]NZYLPHTHALATE	ND	350	81
[redacted]NE	ND	350	96
DI-N-BUTYLPHTHALATE	ND	350	85
DI-N-OCTYLPHTHALATE	ND	350	53
[redacted]BENZO(A,H)ANTHRACENE	ND	270	34
[redacted]BENZOFURAN	ND	350	110
[redacted]ETHYLPHTHALATE	ND	350	58
DIMETHYLPHTHALATE	ND	350	64
FLUORANTHENE	ND	350	83
FLUORENE	ND	350	79
[redacted]XACHLOROBENZENE	ND	350	97
[redacted]XACHLOROBUTADIENE	ND	350	150
[redacted]XACHLOROCYCLOPENTADIENE	ND	350	190
[redacted]XACHLOROETHANE	ND	350	130
INDENO(1,2,3-CD)PYRENE	ND	350	44
N-NITROSO-DI-N-PROPYLAMINE	ND	270	150
[redacted]NITROSODIPHENYLAMINE (1)	ND	350	77
[redacted]PHTHALENE	ND	350	140
[redacted]TROBENZENE	ND	350	140
[redacted]NTACHLOROPHENOL	ND	350	86
PHENANTHRENE	ND	350	71
PHENOL	ND	350	170
[redacted]RENE	ND	350	96

[redacted]RROGATE PARAMETERS	% RECOVERY	QC LIMIT
2-FLUOROPHENOL	52	25-135
PHENOL-D5	53	25-135
[redacted]ITROBENZENE-D5	60	25-135
[redacted]FLUOROBIPHENYL	56	34-135
[redacted]4,6-TRIBROMOPHENOL	63	25-144
[redacted]RPHENYL-D14	99	32-136

PRL : Project Reporting Limit
(1) : Cannot be separated from Diphenylamine
[redacted]) : Cannot be separated from 3-Methylphenol

METHOD 3550A/8270B
SEMIVOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2759	Date Analyzed:	02/09/00 01:16
Lab Samp ID:	B015-18	Dilution Factor:	1
Lab File ID:	RBZ220	Matrix :	SOIL
Ext Btch ID:	SVB004S	% Moisture :	1.8
Calib. Ref.:	RBZ211	Instrument ID :	T-048

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,2,4-TRICHLOROBENZENE	ND	340	140
1,2-DICHLOROBENZENE	ND	340	130
1,3-DICHLOROBENZENE	ND	340	130
1,4-DICHLOROBENZENE	ND	340	120
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	340	150
2,4,5-TRICHLOROPHENOL	ND	850	82
2,4,6-TRICHLOROPHENOL	ND	340	120
2,4-DICHLOROPHENOL	ND	340	160
2,4-DIMETHYLPHENOL	ND	340	120
2,4-DINITROPHENOL	ND	850	160
2,4-DINITROTOLUENE	ND	340	61
2,6-DINITROTOLUENE	ND	340	75
2-CHLORONAPHTHALENE	ND	340	140
2-CHLOROPHENOL	ND	340	120
2-METHYLNAPHTHALENE	ND	340	150
2-METHYLPHENOL	ND	340	140
2-NITROANILINE	ND	850	90
2-NITROPHENOL	ND	340	150
3,3'-DICHLOROBENZIDINE	ND	340	75
3-NITROANILINE	ND	850	89
4,6-DINITRO-2-METHYLPHENOL	ND	850	110
4-BROMOPHENYL-PHENYLETHER	ND	340	79
4-CHLORO-3-METHYLPHENOL	ND	340	110
4-CHLOROANILINE	ND	340	120
4-CHLOROPHENYL-PHENYLETHER	ND	340	83
4-METHYLPHENOL (2)	ND	340	140
4-NITROANILINE	ND	850	71
4-NITROPHENOL	ND	850	150
ACENAPHTHENE	ND	340	110
ACENAPHTHYLENE	ND	340	100
ANTHRACENE	ND	340	68
BENZO(A)ANTHRACENE	ND	340	70
BENZO(A)PYRENE	ND	250	38
BENZO(B)FLUORANTHENE	ND	340	65
BENZO(G,H,I)PERYLENE	ND	340	42
BENZO(K)FLUORANTHENE	ND	340	70
BIS(2-CHLOROETHOXY)METHANE	ND	340	150
BIS(2-CHLOROETHYL)ETHER	ND	340	140
BIS(2-ETHYLHEXYL)PHTHALATE	ND	340	87
BUTYLBENZYLPHTHALATE	ND	340	77
CHRYSENE	ND	340	92
DI-N-BUTYLPHTHALATE	ND	340	81
DI-N-OCTYLPHTHALATE	ND	340	51
DIBENZO(A,H)ANTHRACENE	ND	250	32
DIBENZOFURAN	ND	340	110
DIETHYLPHTHALATE	ND	340	55
DIMETHYLPHTHALATE	ND	340	61
FLUORANTHENE	ND	340	79
FLUORENE	ND	340	75
HEXACHLOROBENZENE	ND	340	92
HEXACHLOROBUTADIENE	ND	340	140
HEXACHLOROCYCLOPENTADIENE	ND	340	180
HEXACHLOROETHANE	ND	340	130
INDENO(1,2,3-CD)PYRENE	ND	340	42
N-NITROSO-DI-N-PROPYLAMINE	ND	250	140
N-NITROSODIPHENYLAMINE (1)	ND	340	73
NAPHTHALENE	ND	340	140
NITROBENZENE	ND	340	140
PENTACHLOROPHENOL	ND	340	82
PHENANTHRENE	ND	340	68
PHENOL	ND	340	160
PYRENE	ND	340	92

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2-FLUOROPHENOL	53	25-135
PHENOL-D5	52	25-135
NITROBENZENE-D5	59	25-135
2-FLUOROBIPHENYL	53	34-135
2,4,6-TRIBROMOPHENOL	67	25-144
TERPHENYL-D14	113	32-136

PRL : Project Reporting Limit
(1) : Cannot be separated from Diphenylamine
(2) : Cannot be separated from 3-Methylphenol

METHOD 3550A/8270B
SEMIVOLATILE ORGANICS BY GC/MS

[redacted]t	: IT CORPORATION	Date Collected:	02/02/00
[redacted]	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[redacted]o.	: 008015	Date Extracted:	02/04/00 18:00
[redacted] ID:	18609-2760	Date Analyzed:	02/09/00 01:56
Lab [redacted]amp ID:	B015-19	Dilution Factor:	1
Lab File ID:	RBZ221	Matrix :	SOIL
[redacted]t Btch ID:	SVB004S	% Moisture :	5.7
[redacted]lib. Ref.:	RBZ211	Instrument ID :	T-048

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
[redacted]2,4-TRICHLOROBENZENE	ND	350	140
[redacted]2-DICHLOROBENZENE	ND	350	140
[redacted]3-DICHLOROBENZENE	ND	350	130
1,4-DICHLOROBENZENE	ND	350	120
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	350	160
2,4,5-TRICHLOROPHENOL	ND	880	86
[redacted]4,6-TRICHLOROPHENOL	ND	350	130
[redacted]-DICHLOROPHENOL	ND	350	160
[redacted]4-DIMETHYLPHENOL	ND	350	120
[redacted]4-DINITROPHENOL	ND	880	170
2,4-DINITROTOLUENE	ND	350	63
2,6-DINITROTOLUENE	ND	350	78
[redacted]CHLORONAPHTHALENE	ND	350	140
[redacted]CHLOROPHENOL	ND	350	130
[redacted]METHYLNAPHTHALENE	ND	350	150
[redacted]METHYLPHENOL	ND	350	150
2-NITROANILINE	ND	880	94
2-NITROPHENOL	ND	350	160
[redacted]3'-DICHLOROBENZIDINE	ND	350	78
[redacted]NITROANILINE	ND	880	92
[redacted]6-DINITRO-2-METHYLPHENOL	ND	880	120
[redacted]BROMOPHENYL-PHENYLETHER	ND	350	82
4-CHLORO-3-METHYLPHENOL	ND	350	120
4-CHLOROANILINE	ND	350	130
[redacted]CHLOROPHENYL-PHENYLETHER	ND	350	87
[redacted]METHYLPHENOL (2)	ND	350	150
[redacted]NITROANILINE	ND	880	74
[redacted]NITROPHENOL	ND	880	160
ACENAPHTHENE	ND	350	110
ACENAPHTHYLENE	ND	350	110
[redacted]NTHRACENE	ND	350	71
[redacted]NZO(A)ANTHRACENE	ND	350	73
[redacted]NZO(A)PYRENE	ND	270	39
[redacted]NZO(B)FLUORANTHENE	ND	350	68
BENZO(G,H,I)PERYLENE	ND	350	44
BENZO(K)FLUORANTHENE	ND	350	72
BIS([redacted]CHLOROETHOXY)METHANE	ND	350	160
[redacted]LOROETHYL)ETHER	ND	350	140
[redacted]HYLHEXYL)PHTHALATE	ND	350	91
[redacted]ZYLPHTHALATE	ND	350	80
[redacted]NE	ND	350	96
DI-N-BUTYLPHTHALATE	ND	350	85
DI-N-OCTYLPHTHALATE	ND	350	53
[redacted]BENZO(A,H)ANTHRACENE	ND	270	33
[redacted]BENZOFURAN	ND	350	110
[redacted]ETHYLPHTHALATE	ND	350	58
[redacted]IMETHYLPHTHALATE	ND	350	64
FLUORANTHENE	ND	350	82
FLUORENE	ND	350	78
[redacted]XACHLOROBENZENE	ND	350	96
[redacted]XACHLOROBUTADIENE	ND	350	150
[redacted]XACHLOROCYCLOPENTADIENE	ND	350	190
[redacted]XACHLOROETHANE	ND	350	130
INDENO(1,2,3-CD)PYRENE	ND	350	44
N-NITROSO-DI-N-PROPYLAMINE	ND	270	150
[redacted]-NITROSODIPHENYLAMINE (1)	ND	350	76
[redacted]PHTHALENE	ND	350	140
[redacted]TROBENZENE	ND	350	140
[redacted]NTACHLOROPHENOL	ND	350	85
PHENANTHRENE	ND	350	71
PHENOL	ND	350	170
[redacted]RENE	ND	350	96

[redacted]RROGATE PARAMETERS	% RECOVERY	QC LIMIT
2-FLUOROPHENOL	55	25-135
PHENOL-D5	56	25-135
NITROBENZENE-D5	61	25-135
[redacted]FLUOROBIPHENYL	57	34-135
[redacted]4,6-TRIBROMOPHENOL	68	25-144
[redacted]RPHENYL-D14	114	32-136

PRL : Project Reporting Limit
(1) : Cannot be separated from Diphenylamine
[redacted]) : Cannot be separated from 3-Methylphenol

METHOD 3550A/8270B
SEMIVOLATILE ORGANICS BY GC/MS

Client	: IT CORPORATION	Date Collected:	NA
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	NA
Batch No.	: 00B015	Date Extracted:	02/04/00 15:00
Sample ID:	MBLK1S	Date Analyzed:	02/07/00 18:56
Lab Samp ID:	SVB003SB	Dilution Factor:	1
Lab File ID:	RBX018	Matrix :	SOIL
Ext Btch ID:	SVB003S	% Moisture :	NA
Calib. Ref.:	RBX017	Instrument ID :	T-042

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,2,4-TRICHLOROBENZENE	ND	330	140
1,2-DICHLOROBENZENE	ND	330	130
1,3-DICHLOROBENZENE	ND	330	120
1,4-DICHLOROBENZENE	ND	330	120
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	330	150
2,4,5-TRICHLOROPHENOL	ND	830	81
2,4,6-TRICHLOROPHENOL	ND	330	120
2,4-DICHLOROPHENOL	ND	330	150
2,4-DIMETHYLPHENOL	ND	330	110
2,4-DINITROPHENOL	ND	830	160
2,4-DINITROTOLUENE	ND	330	60
2,6-DINITROTOLUENE	ND	330	74
2-CHLORONAPHTHALENE	ND	330	130
2-CHLOROPHENOL	ND	330	120
2-METHYLNAPHTHALENE	ND	330	140
2-METHYLPHENOL	ND	330	140
2-NITROANILINE	ND	830	89
2-NITROPHENOL	ND	330	150
3,3'-DICHLOROBENZIDINE	ND	330	73
3-NITROANILINE	ND	830	87
4,6-DINITRO-2-METHYLPHENOL	ND	830	110
4-BROMOPHENYL-PHENYLETHER	ND	330	78
4-CHLORO-3-METHYLPHENOL	ND	330	110
4-CHLOROANILINE	ND	330	120
4-CHLOROPHENYL-PHENYLETHER	ND	330	82
4-METHYLPHENOL (2)	ND	330	140
4-NITROANILINE	ND	830	70
4-NITROPHENOL	ND	830	150
ACENAPHTHENE	ND	330	100
ACENAPHTHYLENE	ND	330	100
ANTHRACENE	ND	330	67
BENZO(A)ANTHRACENE	ND	330	69
BENZO(A)PYRENE	ND	250	37
BENZO(B)FLUORANTHENE	ND	330	64
BENZO(G,H,I)PERYLENE	ND	330	41
BENZO(K)FLUORANTHENE	ND	330	68
BIS(2-CHLOROETHOXY)METHANE	ND	330	150
BIS(2-CHLOROETHYL)ETHER	ND	330	140
BIS(2-ETHYLHEXYL)PHTHALATE	ND	330	85
BUTYLBENZYLPHTHALATE	ND	330	76
CHRYSENE	ND	330	90
DI-N-BUTYLPHTHALATE	ND	330	80
DI-N-OCTYLPHTHALATE	ND	330	50
DIBENZO(A,H)ANTHRACENE	ND	250	32
DIBENZOFURAN	ND	330	100
DIETHYLPHTHALATE	ND	330	54
DIMETHYLPHTHALATE	ND	330	60
FLUORANTHENE	ND	330	77
FLUORENE	ND	330	74
HEXACHLOROBENZENE	ND	330	91
HEXACHLOROBUTADIENE	ND	330	140
HEXACHLOROCYCLOPENTADIENE	ND	330	180
HEXACHLOROETHANE	ND	330	130
INDENO(1,2,3-CD)PYRENE	ND	330	41
N-NITROSO-DI-N-PROPYLAMINE	ND	250	140
N-NITROSODIPHENYLAMINE (1)	ND	330	72
NAPHTHALENE	ND	330	130
NITROBENZENE	ND	330	130
PENTACHLOROPHENOL	ND	330	80
PHENANTHRENE	ND	330	66
PHENOL	ND	330	160
PYRENE	ND	330	90

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2-FLUOROPHENOL	69	25-135
PHENOL-D5	71	25-135
NITROBENZENE-D5	78	25-135
2-FLUOROBIPHENYL	76	34-135
2,4,6-TRIBROMOPHENOL	56	25-144
TERPHENYL-D14	85	32-136

PRL : Project Reporting Limit
(1) : Cannot be separated from Diphenylamine
(2) : Cannot be separated from 3-Methylphenol

METHOD 3550A/8270B
SEMIVOLATILE ORGANICS BY GC/MS

[redacted]t	: IT CORPORATION	Date Collected:	NA
[redacted]t	: MCAS EL TORO/18609/D.O. 70	Date Received:	NA
[redacted]o.	: 00B015	Date Extracted:	02/04/00 18:00
[redacted] ID:	MBLK2S	Date Analyzed:	02/08/00 22:35
Lab Samp ID:	SVB004SB	Dilution Factor:	1
Lab File ID:	RBZ216	Matrix :	SOIL
[redacted]t Btch ID:	SVB004S	% Moisture :	NA
[redacted]lib. Ref.:	RBZ211	Instrument ID :	T-048

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
[redacted]2,4-TRICHLOROBENZENE	ND	330	140
[redacted]2-DICHLOROBENZENE	ND	330	130
[redacted]3-DICHLOROBENZENE	ND	330	120
1,4-DICHLOROBENZENE	ND	330	120
2,2'-OXYBIS(1-CHLOROPROPANE)	ND	330	150
2,4,5-TRICHLOROPHENOL	ND	830	81
[redacted]4,6-TRICHLOROPHENOL	ND	330	120
[redacted]4-DICHLOROPHENOL	ND	330	150
[redacted]4-DIMETHYLPHENOL	ND	330	110
[redacted],4-DINITROPHENOL	ND	830	160
2,4-DINITROTOLUENE	ND	330	60
2,6-DINITROTOLUENE	ND	330	74
[redacted]CHLORONAPHTHALENE	ND	330	130
[redacted]CHLOROPHENOL	ND	330	120
[redacted]METHYLNAPHTHALENE	ND	330	140
2-METHYLPHENOL	ND	330	140
2-NITROANILINE	ND	830	89
2-NITROPHENOL	ND	330	150
[redacted]3'-DICHLOROBENZIDINE	ND	330	73
[redacted]NITROANILINE	ND	830	87
[redacted]6-DINITRO-2-METHYLPHENOL	ND	830	110
[redacted]-BROMOPHENYL-PHENYLETHER	ND	330	78
4-CHLORO-3-METHYLPHENOL	ND	330	110
4-CHLOROANILINE	ND	330	120
[redacted]CHLOROPHENYL-PHENYLETHER	ND	330	82
[redacted]METHYLPHENOL (2)	ND	330	140
[redacted]NITROANILINE	ND	830	70
[redacted]NITROPHENOL	ND	830	150
ACENAPHTHENE	ND	330	100
ACENAPHTHYLENE	ND	330	100
[redacted]THRACENE	ND	330	67
[redacted]NZO(A)ANTHRACENE	ND	330	69
[redacted]NZO(A)PYRENE	ND	250	37
[redacted]NZO(B)FLUORANTHENE	ND	330	64
BENZO(G,H,I)PERYLENE	ND	330	41
BENZO(K)FLUORANTHENE	ND	330	68
[redacted]CHLOROETHOXY)METHANE	ND	330	150
[redacted]HLOROETHYL)ETHER	ND	330	140
[redacted]THYLHEXYL)PHTHALATE	ND	330	85
[redacted]NZYLPHTHALATE	ND	330	76
[redacted]ENE	ND	330	90
DI-N-BUTYLPHTHALATE	ND	330	80
DI-N-OCTYLPHTHALATE	ND	330	50
[redacted]BENZO(A,H)ANTHRACENE	ND	250	32
[redacted]BENZOFURAN	ND	330	100
[redacted]ETHYLPHTHALATE	ND	330	54
DIMETHYLPHTHALATE	ND	330	60
FLUORANTHENE	ND	330	77
FLUORENE	ND	330	74
[redacted]EXACHLOROBENZENE	ND	330	91
[redacted]EXACHLOROBUTADIENE	ND	330	140
[redacted]EXACHLOROCYCLOPENTADIENE	ND	330	180
HEXACHLOROETHANE	ND	330	130
INDENO(1,2,3-CD)PYRENE	ND	330	41
N-NITROSO-DI-N-PROPYLAMINE	ND	250	140
[redacted]-NITROSODIPHENYLAMINE (1)	ND	330	72
[redacted]APHTHALENE	ND	330	130
[redacted]ITROBENZENE	ND	330	130
[redacted]ENTACHLOROPHENOL	ND	330	80
PHENANTHRENE	ND	330	66
PHENOL	ND	330	160
[redacted]YRENE	ND	330	90

[redacted]URROGATE PARAMETERS	% RECOVERY	QC LIMIT
2-FLUOROPHENOL	61	25-135
PHENOL-D5	60	25-135
[redacted]ITROBENZENE-D5	67	25-135
[redacted]-FLUOROBIPHENYL	62	34-135
[redacted]4,6-TRIBROMOPHENOL	68	25-144
[redacted]ERPHENYL-D14	97	32-136

PRL : Project Reporting Limit
[redacted]1) : Cannot be separated from Diphenylamine
[redacted]2) : Cannot be separated from 3-Methylphenol

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
METHOD: METHOD 3550A/8270B

MATRIX:	SOIL			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1S				
LAB SAMP ID:	SVB003SB	SVB003SL	SVB003SC		
LAB FILE ID:	RBX018	RBX019	RBX020		
DATE EXTRACTED:	02/04/0015:00	02/04/0015:00	02/04/0015:00	DATE COLLECTED:	NA
DATE ANALYZED:	02/07/0018:56	02/07/0019:33	02/07/0020:11	DATE RECEIVED:	NA
PREP. BATCH:	SVB003S	SVB003S	SVB003S		
CALIB. REF:	RBX017	RBX017	RBX017		

ACCESSION:

PARAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,2,4-Trichlorobenzene	ND	3330	2350	71	3330	2210	66	6	34-152	30
1,4-Dichlorobenzene	ND	3330	2460	74	3330	2320	70	6	25-135	30
2,4-Dinitrotoluene	ND	3330	2750	83	3330	2590	78	6	29-149	30
2-Chlorophenol	ND	5000	3520	70	5000	3320	66	6	31-135	30
4-Chloro-3-Methylphenol	ND	5000	3430	69	5000	3190	64	7	34-135	30
4-Nitrophenol	ND	5000	3360	67	5000	3250	65	3	25-141	30
Acenaphthene	ND	3330	2590	78	3330	2470	74	5	39-135	30
N-Nitroso-di-n-propyl.	ND	3330	2550	77	3330	2460	74	3	27-135	30
Pentachlorophenol	ND	5000	3220	64	5000	3040	61	6	38-146	30
Phenol	ND	5000	3330	67	5000	3240	65	3	25-135	30
Pyrene	ND	3330	2860	86	3330	2700	81	6	37-146	30

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	SPIKE AMT (ug/kg)	BSD RSLT (ug/kg)	BSD % REC	QC LIMIT (%)
2-Fluorophenol	5000	3710	74	5000	3550	71	25-135
Phenol-d5	5000	3700	74	5000	3490	70	25-135
Nitrobenzene-d5	3330	2710	81	3330	2520	76	25-135
2-Fluorobiphenyl	3330	2520	76	3330	2350	70	34-125
2,4,6-Tribromophenol	5000	2880	58	5000	2660	53	25-144
Terphenyl-d14	3330	2820	85	3330	2770	83	32-136

EMAX QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
JOB NO.: 008015
METHOD 3550A/8270B

MATRIX: SOIL % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MBLK2S
LAB SAMP ID: SVB004SB SVB004SL
LAB FILE ID: RBZ216 RBZ217
DATE EXTRACTED: 02/04/0018:00 02/04/0018:00 DATE COLLECTED: NA
DATE ANALYZED: 02/08/0022:35 02/08/0023:15 DATE RECEIVED: NA
PREP. BATCH: SVB004S SVB004S
BLIB. REF: RBZ211 RBZ211

ACCESSION:

PARAMETER	BLNK RSLT (ug/kg)	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	QC LIMIT (%)
1,2,4-Trichlorobenzene	ND	3330	2110	64	34-152
1,4-Dichlorobenzene	ND	3330	2060	62	25-135
2,4-Dinitrotoluene	ND	3330	2200	66	29-149
2-Chlorophenol	ND	5000	3120	62	31-135
4-Chloro-3-Methylphenol	ND	5000	3350	67	34-135
4-Nitrophenol	ND	5000	3960	79	25-141
Acenaphthene	ND	3330	2140	64	39-135
N-Nitroso-di-n-propyl.	ND	3330	2440	73	27-135
Pentachlorophenol	ND	5000	3070	61	38-146
Phenol	ND	5000	2840	57	25-135
Pyrene	ND	3330	3000	90	37-146

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	BS RSLT (ug/kg)	BS % REC	QC LIMIT (%)
2-Fluorophenol	5000	3040	61	25-135
Phenol-d5	5000	3000	60	25-135
Nitrobenzene-d5	3330	2150	65	25-135
2-Fluorobiphenyl	3330	1990	60	34-125
2,4,6-Tribromophenol	5000	3660	73	25-144
Terphenyl-d14	3330	3160	95	32-136

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
METHOD: METHOD 3550A/8270B

MATRIX:	SOIL			% MOISTURE:	17.9
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	18609-2747				
LAB SAMP ID:	B015-06	B015-06M	B015-06S		
LAB FILE ID:	RBX026	RBX043	RBX044		
DATE EXTRACTED:	02/04/0015:00	02/04/0015:00	02/04/0015:00	DATE COLLECTED:	02/02/00
DATE ANALYZED:	02/07/0023:54	02/08/0023:12	02/08/0023:49	DATE RECEIVED:	02/03/00
PREP. BATCH:	SVB003S	SVB003S	SVB003S		
CALIB. REF:	RBX017	RBX036	RBX036		

ACCESSION:

PARAMETER	SMPL RSLT (ug/kg)	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,2,4-Trichlorobenzene	ND	4060	2570	63	4060	2830	70	10	34-152	30
1,4-Dichlorobenzene	ND	4060	2250	56	4060	2490	61	10	25-135	30
2,4-Dinitrotoluene	ND	4060	2860	70	4060	3060	75	7	29-149	30
2-Chlorophenol	ND	6090	3230	53	6090	3460	57	7	31-135	30
4-Chloro-3-Methylphenol	ND	6090	3540	58	6090	3850	63	8	34-135	30
4-Nitrophenol	ND	6090	3540	58	6090	3930	65	11	25-141	30
Acenaphthene	ND	4060	2480	61	4060	2720	67	9	39-135	30
N-Nitroso-di-n-propyl.	ND	4060	2210	55	4060	2340	58	6	27-135	30
Pentachlorophenol	ND	6090	4750	78	6090	5250	86	10	38-146	30
Phenol	ND	6090	2900	48	6090	3170	52	9	25-135	30
Pyrene	ND	4060	2510	62	4060	2740	67	9	37-146	30

SURROGATE PARAMETER	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	QC LIMIT (%)
2-Fluorophenol	6090	3290	54	6090	3450	57	25-135
Phenol-d5	6090	3220	53	6090	3600	59	25-135
Nitrobenzene-d5	4060	2180	54	4060	2520	62	25-135
2-Fluorobiphenyl	4060	2460	61	4060	2820	70	34-125
2,4,6-Tribromophenol	6090	5190	85	6090	5490	90	25-144
Terphenyl-d14	4060	2870	71	4060	3150	78	32-136

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

C[redacted]: IT CORPORATION
P[redacted]: MCAS EL TORO/18609/D.O. 70
B[redacted]#.: 00B015
METH[redacted]: METHOD 3550A/8270B

% MOISTURE: 12.8

M[redacted]RIX:	SOIL				
D[redacted]UTION FACTOR:	1	1	1		
S[redacted]PLE ID:	18609-2767				
LAB SAMP ID:	B015-26	B015-26M	B015-26S		
LAB FILE ID:	RBZ233	RBZ234	RBZ235		
DATE EXTRACTED:	02/04/0018:00	02/04/0018:00	02/04/0018:00	DATE COLLECTED:	02/02/00
D[redacted]E ANALYZED:	02/09/0009:11	02/09/0009:51	02/09/0010:32	DATE RECEIVED:	02/03/00
P[redacted]P. BATCH:	SVB004S	SVB004S	SVB004S		
C[redacted]IB. REF:	RBZ231	RBZ231	RBZ231		

ACCESSION:

P[redacted]AMETER	SMPL RSLT (ug/kg)	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,2,4-Trichlorobenzene	ND	3820	2670	70	3820	1600	42	50*	34-152	30
1,4-Dichlorobenzene	ND	3820	2490	65	3820	1540	40	47*	25-135	30
2,4-Dinitrotoluene	ND	3820	2350	62	3820	1980	52	17	29-149	30
[redacted]hlorophenol	ND	5730	3780	66	5730	2370	41	46*	31-135	30
[redacted]hloro-3-Methylphenol	ND	5730	4160	73	5730	2620	46	45*	34-135	30
[redacted]itrophenol	ND	5730	4500	78	5730	3770	66	18	25-141	30
Acenaphthene	ND	3820	2700	71	3820	1780	47	41*	39-135	30
N-Nitroso-di-n-propyl.	ND	3820	3060	80	3820	1930	50	45*	27-135	30
Pentachlorophenol	ND	5730	3470	61	5730	3110	54	11	38-146	30
[redacted]enol	ND	5730	3480	61	5730	2160	38	47*	25-135	30
[redacted]rene	ND	3820	3710	97	3820	3590	94	3	37-146	30

[redacted]RROGATE PARAMETER	SPIKE AMT (ug/kg)	MS RSLT (ug/kg)	MS % REC	SPIKE AMT (ug/kg)	MSD RSLT (ug/kg)	MSD % REC	QC LIMIT (%)
[redacted]Fluorophenol	5730	3750	65	5730	2350	41	25-135
Phenol-d5	5730	3850	67	5730	2390	42	25-135
Nitrobenzene-d5	3820	2940	77	3820	1750	46	25-135
2-Fluorobiphenyl	3820	2670	70	3820	1640	43	34-125
[redacted]4,6-Tribromophenol	5730	4330	75	5730	3380	59	25-144
[redacted]rphenyl-d14	3820	4110	108	3820	3930	103	32-136

CASE NARRATIVE

CLIENT : IT CORPORATION

PROJECT : MCAS EL TORO/18609/D.O. 70

SDG : 00B015

Method 5030B/M8015
GASOLINE

Samples received on 02/03/00 include one(1) water and thirty(30) soil for Gasoline Analysis by USEPA SW846 and Leaking Underground Fuel Tank (LUFT) Field Manual, SWRCB, Dept. of Health Services, CA(1988).

1. Holding Time

   Analytical holding time was met.

2. Calibration

   A seven-point Initial Calibration curve was performed. All QC requirements were met.

   Continuing Calibrations were carried out at 10-sample interval. All QC requirements were met.

3. Method Blank

   The method blank was free of contamination.

4. Surrogate Recovery

   All surrogates were within the QC limit.

5. Laboratory Control Sample And Laboratory Control Sample Duplicate

   All recoveries were within QC limits.

6. Matrix Spike And Matrix Spike Duplicate

   Sample B015-15 and B015-31 were analyzed for MS/MSD. All recoveries were within QC limits.

7. Sample Analysis

   Samples were analyzed according to the prescribed QC procedures. All requirements were met.

METHOD [illegible]VM8015
TOTAL PETROLEUM HYD[illegible]ONS BY PURGE & TRAP

Client : IT CORPORATION
Project : MCAS EL TORO/18609/D.O. 70
Batch No. : 00B015

Matrix : SOIL
Instrument ID : GCT039

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/kg)	SURR (%)	DLF	MOIST	RL (mg/kg)	MDL (mg/kg)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1S	VMB0339B	ND	108	10	NA	10	.88	02/05/0021:08	02/05/0021:08	EB02050A	EB02049A	VMB0339	NA	02/05/00
LCS1S	VMB0339L	64.2	107	10	NA	10	.88	02/05/0021:43	02/05/0021:43	EB02051A	EB02049A	VMB0339	NA	02/05/00
MBLK2S	VMB0439B	ND	125	10	NA	10	.88	02/07/0011:34	02/07/0011:34	EB03003A	EB03002A	VMB0439	NA	02/07/00
LCS2S	VMB0439L	62.3	120	10	NA	10	.88	02/07/0012:09	02/07/0012:09	EB03004A	EB03002A	VMB0439	NA	02/07/00
MBLK3S	VMB0439Q	ND	98	10	NA	10	.88	02/09/0014:20	02/09/0014:20	EB04003A	EB04001A	VMB0439	NA	02/09/00
LCS3S	VMB0439X	69.4	119	10	NA	10	.88	02/09/0014:55	02/09/0014:55	EB04004A	EB04001A	VMB0439	NA	02/09/00
18609-2742	B015-01	ND	87	8.59	8.4	9.38	.825	02/05/0022:18	02/05/0022:18	EB02052A	EB02049A	VMB0339	02/02/00	02/03/00
18609-2743	B015-02	ND	86	9.9	14.3	11.6	1.02	02/05/0022:54	02/05/0022:54	EB02053A	EB02049A	VMB0339	02/02/00	02/03/00
18609-2744	B015-03	ND	79	9.6	4.2	10	.882	02/05/0023:29	02/05/0023:29	EB02054A	EB02049A	VMB0339	02/02/00	02/03/00
18609-2745	B015-04	ND	101	11.2	5.3	11.8	1.04	02/06/0000:04	02/06/0000:04	EB02055A	EB02049A	VMB0339	02/02/00	02/03/00
18609-2746	B015-05	ND	80	9.8	7.4	10.6	.931	02/06/0000:39	02/06/0000:39	EB02056A	EB02049A	VMB0339	02/02/00	02/03/00
18609-2747	B015-06	ND	98	9.5	17.9	11.6	1.02	02/06/0001:14	02/06/0001:14	EB02057A	EB02049A	VMB0339	02/02/00	02/03/00
18609-2748	B015-07	ND	90	9.6	12.2	10.9	.962	02/06/0001:49	02/06/0001:49	EB02058A	EB02049A	VMB0339	02/02/00	02/03/00
18609-2749	B015-08	ND	86	7.0	4.2	7.31	.643	02/06/0002:24	02/06/0002:24	EB02059A	EB02049A	VMB0339	02/02/00	02/03/00
18609-2750	B015-09	ND	107	10.6	7.9	11.5	1.01	02/06/0003:34	02/06/0003:34	EB02061A	EB02060A	VMB0339	02/02/00	02/03/00
18609-2751	B015-10	ND	102	8.2	17.8	9.98	.878	02/06/0004:09	02/06/0004:09	EB02062A	EB02060A	VMB0339	02/02/00	02/03/00
18609-2752	B015-11	ND	99	9.6	8.9	10.5	.927	02/06/0007:02	02/06/0007:02	EB02067A	EB02060A	VMB0339	02/02/00	02/03/00
18609-2753	B015-12	ND	97	8.3	6.8	8.91	.784	02/06/0007:37	02/06/0007:37	EB02068A	EB02060A	VMB0339	02/02/00	02/03/00
18609-2754	B015-13	ND	98	8.7	7.6	9.42	.829	02/07/0012:44	02/07/0012:44	EB03005A	EB03002A	VMB0439	02/02/00	02/03/00
18609-2755	B015-14	ND	95	9.2	8.9	10.1	.889	02/07/0013:19	02/07/0013:19	EB03006A	EB03002A	VMB0439	02/02/00	02/03/00
18609-2756	B015-15	ND	86	9.8	17.2	11.8	1.04	02/06/0004:43	02/06/0004:43	EB02063A	EB02060A	VMB0339	02/02/00	02/03/00
18609-2756MS	B015-15M	65.2	89	10	17.2	12.1	1.06	02/06/0005:18	02/06/0005:18	EB02064A	EB02060A	VMB0339	02/02/00	02/03/00
18609-2756MSD	B015-15S	83.8	101	10.4	17.2	12.6	1.11	02/06/0005:53	02/06/0005:53	EB02065A	EB02060A	VMB0339	02/02/00	02/03/00
18609-2757	B015-16	ND	84	10.1	28.1	14	1.24	02/07/0013:55	02/07/0013:55	EB03007A	EB03002A	VMB0439	02/02/00	02/03/00
18609-2758	B015-17	ND	93	8.7	6.5	9.3	.819	02/07/0014:30	02/07/0014:30	EB03008A	EB03002A	VMB0439	02/02/00	02/03/00
18609-2759	B015-18	ND	101	9	1.8	9.16	.807	02/07/0015:05	02/07/0015:05	EB03009A	EB03002A	VMB0439	02/02/00	02/03/00
18609-2760	B015-19	ND	92	9.9	5.7	10.5	.924	02/07/0015:40	02/07/0015:40	EB03010A	EB03002A	VMB0439	02/02/00	02/03/00
18609-2762	B015-21	ND	78	8	37.6	12.8	1.13	02/07/0016:15	02/07/0016:15	EB03011A	EB03002A	VMB0439	02/02/00	02/03/00
18609-2763	B015-22	ND	102	10.2	4.3	10.7	.938	02/07/0016:50	02/07/0016:50	EB03012A	EB03002A	VMB0439	02/02/00	02/03/00
18609-2764	B015-23	ND	92	10.5	11.6	11.9	1.05	02/07/0018:00	02/07/0018:00	EB03014A	EB03013A	VMB0439	02/02/00	02/03/00
18609-2765	B015-24	ND	76	8.5	36.1	13.3	1.17	02/07/0018:34	02/07/0018:34	EB03015A	EB03013A	VMB0439	02/02/00	02/03/00
18609-2766	B015-25	ND	101	10.2	4.0	10.6	.935	02/07/0019:09	02/07/0019:09	EB03016A	EB03013A	VMB0439	02/02/00	02/03/00
18609-2767	B015-26	ND	91	11.3	12.8	13	1.14	02/07/0019:44	02/07/0019:44	EB03017A	EB03013A	VMB0439	02/02/00	02/03/00
18609-2768	B015-27	ND	87	11.4	13.2	13.1	1.16	02/07/0020:20	02/07/0020:20	EB03018A	EB03013A	VMB0439	02/02/00	02/03/00
18609-2769	B015-28	ND	87	6.4	29.4	9.07	.798	02/07/0020:55	02/07/0020:55	EB03019A	EB03013A	VMB0439	02/02/00	02/03/00
18609-2770	B015-29	ND	100	10	7.5	10.8	.951	02/07/0021:30	02/07/0021:30	EB03020A	EB03013A	VMB0439	02/02/00	02/03/00
18609-2771	B015-30	ND	103	8.3	2.4	8.5	.748	02/07/0022:05	02/07/0022:05	EB03021A	EB03013A	VMB0439	02/02/00	02/03/00
18609-2772	B015-31	ND	94	10.6	14.6	12.4	1.09	02/07/0022:39	02/07/0022:39	EB03022A	EB03013A	VMB0439	02/02/00	02/03/00
18609-2772MS	B015-31M	75.1	106	9.9	14.6	11.6	1.02	02/07/0023:14	02/07/0023:14	EB03023A	EB03013A	VMB0439	02/02/00	02/03/00
18609-2772MSD	B015-31S	67.3	99	10.8	14.6	12.6	1.11	02/09/0015:30	02/09/0015:30	EB04005A	EB04001A	VMB0439Q	02/02/00	02/03/00

SURR : Bromofluorobenzene
PRL : Reporting Limit
E : Value exceed the upper level of the initial calibration
D : Value from dilution

EMAX QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
METHOD: METHOD 5030B/M8015

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MATRIX:	SOIL		% MOISTURE:	NA
DILUTION FACTOR:	10	10		
SAMPLE ID:	MBLK1S			
LAB SAMP ID:	VMB0339B	VMB0339L		
LAB FILE ID:	EB02050A	EB02051A		
DATE EXTRACTED:	02/05/0021:08	02/05/0021:43	DATE COLLECTED:	NA
DATE ANALYZED:	02/05/0021:08	02/05/0021:43	DATE RECEIVED:	02/05/00
PREP. BATCH:	VMB0339	VMB0339		
CALIB. REF:	EB02049A	EB02049A		

ACCESSION:

PARAMETER	BLNK RSLT (mg/kg)	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
Gasoline	ND	55	64.2	117	57-146

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SURROGATE PARAMETER	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
Bromofluorobenzene	2.5	2.67	107	60-140

EMAX QUALITY CONTROL DATA
LCS ANALYSIS

NT: IT CORPORATION
CT: MCAS EL TORO/18609/D.O. 70
NO.: 008015
OD: METHOD 5030B/M8015

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ATRIX: SOIL % MOISTURE: NA
ILUTION FACTOR: 10 10
SAMPLE ID: MBLK2S
LAB SAMP ID: VMB0439B VMB0439L
AB FILE ID: EB03003A EB03004A
ATE EXTRACTED: 02/07/0011:34 02/07/0012:09 DATE COLLECTED: NA
ATE ANALYZED: 02/07/0011:34 02/07/0012:09 DATE RECEIVED: 02/07/00
PREP. BATCH: VMB0439 VMB0439
CALIB. REF: EB03002A EB03002A

CCESSION:

PARAMETER	BLNK RSLT (mg/kg)	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
asoline	ND	55	62.3	113	57-146

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URROGATE PARAMETER	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
Bromofluorobenzene	2.5	3.01	120	60-140

EMAX QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
METHOD: METHOD 5030B/M8015

MATRIX:	SOIL		% MOISTURE:	NA
DILUTION FACTOR:	10	10		
SAMPLE ID:	MBLK3S			
LAB SAMP ID:	VMB0439Q	VMB0439X		
LAB FILE ID:	EB04003A	EB04004A		
DATE EXTRACTED:	02/09/0014:20	02/09/0014:55	DATE COLLECTED:	NA
DATE ANALYZED:	02/09/0014:20	02/09/0014:55	DATE RECEIVED:	02/09/00
PREP. BATCH:	VMB0439	VMB0439		
CALIB. REF:	EB04001A	EB04001A		

ACCESSION:

PARAMETER	BLNK RSLT (mg/kg)	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
Gasoline	ND	55	69.4	126	57-146

SURROGATE PARAMETER	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
Bromofluorobenzene	2.5	2.98	119	60-140

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

IT CORPORATION
MCAS EL TORO/18609/D.O. 70
BATCH NO.: 008015
METHOD: METHOD 5030B/M8015

MATRIX: SOIL % MOISTURE: 17.2

DILUTION FACTOR:	9.8	10	10.4		
SAMPLE ID:	18609-2756				
LAB SAMP ID:	B015-15	B015-15M	B015-15S		
LAB FILE ID:	EB02063A	EB02064A	EB02065A		
DATE EXTRACTED:	02/06/0004:43	02/06/0005:18	02/06/0005:53	DATE COLLECTED:	02/02/00
DATE ANALYZED:	02/06/0004:43	02/06/0005:18	02/06/0005:53	DATE RECEIVED:	02/03/00
PREP. BATCH:	VMB0339	VMB0339	VMB0339		
CALIB. REF:	EB02060A	EB02060A	EB02060A		

ACCESSION:

PARAMETER	SMPL RSLT (mg/kg)	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Gasoline	ND	69.1	67.8	98	69.1	83.8	121	21	57-146	50

SURROGATE PARAMETER	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	QC LIMIT (%)
Bromofluorobenzene	3.14	2.8	89	3.14	3.19	101	60-140

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
METHOD: METHOD 5030B/M8015

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MATRIX:	SOIL			% MOISTURE:	14.6
DILUTION FACTOR:	10.6	9.9	10.8		
SAMPLE ID:	18609-2772				
LAB SAMP ID:	B015-31	B015-31M	B015-31S		
LAB FILE ID:	EB03022A	EB03023A	EB04005A		
DATE EXTRACTED:	02/07/0022:39	02/07/0023:14	02/09/0015:30	DATE COLLECTED:	02/02/00
DATE ANALYZED:	02/07/0022:39	02/07/0023:14	02/09/0015:30	DATE RECEIVED:	02/03/00
PREP. BATCH:	VMB0439	VMB0439	VMB0439Q		
CALIB. REF:	EB03013A	EB03013A	EB04001A		

ACCESSION:

PARAMETER	SMPL RSLT (mg/kg)	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Gasoline	ND	69.6	81.9	118	69.6	67.3	97	20	57-146	50

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SURROGATE PARAMETER	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	QC LIMIT (%)
Bromofluorobenzene	3.16	3.35	106	3.16	3.12	99	60-140

CASE NARRATIVE

CLIENT: **IT CORPORATION**

PROJECT: **MCAS EL TORO/18609/D.O. 70**

SDG: **00B015**

METHOD M8015
TOTAL PETROLEUM HYDROCARBONS BY EXTRACTION

Thirty (30) soil and one(1) water samples were received on 02/03/00 to be analyzed for Total Petroleum Hydrocarbons by Method M8015 in accordance with SW846 and Leaking Underground Fuel Tank (LUFT) Field Manual, SWRCB, Dept. of Health Service, CA (1988).

1. **Holding Time**

   Analytical holding time was met.

2. **Method Blank**

   There was no contamination detected at reporting level.

3. **Lab Control Sample/Lab Control Sample Duplicate**

   All recoveries were within QC limits.

4. **Surrogate Recovery**

   Recoveries were within QC limits.

5. **Matrix Spike/Matrix Spike Duplicate**

   Samples B015-06 & 26 was analyzed for MS/MSD. Recoveries were within QC limits.

6. **Calibration**

   Initial calibration was five-point and continue calibration were carried out at 10 samples interval. All QC requirements were met.

7. **Sample Analysis**

   Samples were analyzed according to the prescribed QC procedures.

METHOD M8015
TOTAL PETROLEUM HYDROCARBONS BY EXTRACTION

Client : IT CORPORATION
Project : MCAS EL TORO/18609/D.O. 70
Batch No. : 00B015

Matrix : SOIL
Instrument ID : GCT019

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/kg)	SUR1 (%)	SUR2 (%)	DLF	MOIST	RL (mg/kg)	MDL (mg/kg)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1S	DSB007SB	ND	89	76	1	NA	10	2.1	02/07/0014:05	02/04/0018:00	TB03003A	TB03002A	DSB007S	NA	02/04/00
LCS1S	DSB007SL	482	94	79	1	NA	10	2.1	02/07/0014:42	02/04/0018:00	TB03004A	TB03002A	DSB007S	NA	02/04/00
MBLK2S	DSB008SB	ND	89	82	1	NA	10	2.1	02/08/0004:24	02/04/0018:00	TB03026A	TB03024A	DSB008S	NA	02/04/00
LCS2S	DSB008SL	495	95	83	1	NA	10	2.1	02/08/0005:02	02/04/0018:00	TB03027A	TB03024A	DSB008S	NA	02/04/00
18609-2742	B015-01	ND	95	87	1	8.4	10.9	2.29	02/07/0015:20	02/04/0018:00	TB03005A	TB03002A	DSB007S	02/02/00	02/03/00
18609-2743	B015-02	ND	95	87	1	14.3	11.7	2.45	02/07/0015:57	02/04/0018:00	TB03006A	TB03002A	DSB007S	02/02/00	02/03/00
18609-2744	B015-03	ND	99	90	1	4.2	10.4	2.19	02/07/0016:35	02/04/0018:00	TB03007A	TB03002A	DSB007S	02/02/00	02/03/00
18609-2745	B015-04	ND	99	92	1	5.3	10.6	2.21	02/07/0017:12	02/04/0018:00	TB03008A	TB03002A	DSB007S	02/02/00	02/03/00
18609-2746	B015-05	ND	100	91	1	7.4	10.8	2.26	02/07/0017:50	02/04/0018:00	TB03009A	TB03002A	DSB007S	02/02/00	02/03/00
18609-2747	B015-06	ND	97	90	1	17.9	12.2	2.55	02/07/0018:27	02/04/0018:00	TB03010A	TB03002A	DSB007S	02/02/00	02/03/00
18609-2747MS	B015-06M	663	102	90	1	17.9	12.2	2.55	02/07/0019:04	02/04/0018:00	TB03011A	TB03002A	DSB007S	02/02/00	02/03/00
18609-2747MSD	B015-06S	654	101	88	1	17.9	12.2	2.55	02/07/0019:42	02/04/0018:00	TB03012A	TB03002A	DSB007S	02/02/00	02/03/00
18609-2748	B015-07	ND	100	93	1	12.2	11.4	2.39	02/07/0020:57	02/04/0018:00	TB03014A	TB03013A	DSB007S	02/02/00	02/03/00
18609-2749	B015-08	ND	99	93	1	4.2	10.4	2.19	02/07/0021:34	02/04/0018:00	TB03015A	TB03013A	DSB007S	02/02/00	02/03/00
18609-2750	B015-09	ND	96	91	1	7.9	10.9	2.28	02/07/0022:11	02/04/0018:00	TB03016A	TB03013A	DSB007S	02/02/00	02/03/00
18609-2751	B015-10	ND	101	90	1	17.8	12.2	2.55	02/07/0022:49	02/04/0018:00	TB03017A	TB03013A	DSB007S	02/02/00	02/03/00
18609-2752	B015-11	ND	94	88	1	8.9	11	2.3	02/08/0010:37	02/04/0018:00	TB03036A	TB03035A	DSB008S	02/02/00	02/03/00
18609-2753	B015-12	ND	100	93	1	6.8	10.7	2.25	02/08/0011:15	02/04/0018:00	TB03037A	TB03035A	DSB008S	02/02/00	02/03/00
18609-2754	B015-13	ND	95	88	1	7.6	10.8	2.27	02/08/0011:52	02/04/0018:00	TB03038A	TB03035A	DSB008S	02/02/00	02/03/00
18609-2755	B015-14	ND	94	86	1	8.9	11	2.3	02/08/0012:29	02/04/0018:00	TB03039A	TB03035A	DSB008S	02/02/00	02/03/00
18609-2756	B015-15	ND	95	86	1	17.2	12.1	2.53	02/08/0013:07	02/04/0018:00	TB03040A	TB03035A	DSB008S	02/02/00	02/03/00
18609-2757	B015-16	ND	95	85	1	28.1	13.9	2.92	02/08/0013:44	02/04/0018:00	TB03041A	TB03035A	DSB008S	02/02/00	02/03/00
18609-2758	B015-17	ND	95	86	1	6.5	10.7	2.24	02/08/0014:21	02/04/0018:00	TB03042A	TB03035A	DSB008S	02/02/00	02/03/00
18609-2759	B015-18	ND	97	87	1	1.8	10.2	2.13	02/08/0014:59	02/04/0018:00	TB03043A	TB03035A	DSB008S	02/02/00	02/03/00
18609-2760	B015-19	ND	94	88	1	5.7	10.6	2.22	02/08/0015:36	02/04/0018:00	TB03044A	TB03035A	DSB008S	02/02/00	02/03/00
18609-2762	B015-21	ND	95	91	1	37.6	16	3.36	02/08/0016:14	02/04/0018:00	TB03045A	TB03035A	DSB008S	02/02/00	02/03/00
18609-2763	B015-22	ND	93	93	1	4.3	10.4	2.19	02/08/0017:28	02/04/0018:00	TB03047A	TB03046A	DSB008S	02/02/00	02/03/00
18609-2764	B015-23	ND	93	87	1	11.6	11.3	2.37	02/08/0018:06	02/04/0018:00	TB03048A	TB03046A	DSB008S	02/02/00	02/03/00
18609-2765	B015-24	ND	95	93	1	36.1	15.6	3.28	02/08/0018:43	02/04/0018:00	TB03049A	TB03046A	DSB008S	02/02/00	02/03/00
18609-2766	B015-25	ND	95	91	1	4.0	10.4	2.18	02/08/0019:21	02/04/0018:00	TB03050A	TB03046A	DSB008S	02/02/00	02/03/00
18609-2767	B015-26	ND	91	84	1	12.8	11.5	2.4	02/08/0019:58	02/04/0018:00	TB03051A	TB03046A	DSB008S	02/02/00	02/03/00
18609-2767MS	B015-26M	508	100	95	1	12.8	11.5	2.4	02/08/0020:36	02/04/0018:00	TB03052A	TB03046A	DSB008S	02/02/00	02/03/00
18609-2767MSD	B015-26S	508	98	94	1	12.8	11.5	2.4	02/08/0021:13	02/04/0018:00	TB03053A	TB03046A	DSB008S	02/02/00	02/03/00
18609-2768	B015-27	ND	94	92	1	13.2	11.5	2.41	02/08/0021:50	02/04/0018:00	TB03054A	TB03046A	DSB008S	02/02/00	02/03/00
18609-2769	B015-28	ND	101	93	1	29.4	14.2	2.97	02/08/0022:28	02/04/0018:00	TB03055A	TB03046A	DSB008S	02/02/00	02/03/00
18609-2770	B015-29	ND	94	90	1	7.5	10.8	2.27	02/08/0023:05	02/04/0018:00	TB03056A	TB03046A	DSB008S	02/02/00	02/03/00
18609-2771	B015-30	ND	91	89	1	2.4	10.2	2.15	02/09/0000:57	02/04/0018:00	TB03059A	TB03057A	DSB008S	02/02/00	02/03/00
18609-2772	B015-31	ND	90	86	1	14.6	11.7	2.45	02/09/0001:34	02/04/0018:00	TB03060A	TB03057A	DSB008S	02/02/00	02/03/00

QC LIMIT : (SOIL) 60-140 55-150
QC LIMIT : (WATER) 65-135 60-145
SURR1 : Bromobenzene
SURR2 : Hexacosane
RL : Reporting Limit

5005

EMAX QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
METHOD: METHOD M8015

MATRIX:	SOIL		% MOISTURE:	NA
DILUTION FACTOR:	1	1		
SAMPLE ID:	MBLK1S			
LAB SAMP ID:	DSB007SB	DSB007SL		
LAB FILE ID:	TB03003A	TB03004A		
DATE EXTRACTED:	02/04/0018:00	02/04/0018:00	DATE COLLECTED:	NA
DATE ANALYZED:	02/07/0014:05	02/07/0014:42	DATE RECEIVED:	02/04/00
PREP. BATCH:	DSB007S	DSB007S		
CALIB. REF:	TB03002A	TB03002A		

ACCESSION:

PARAMETER	BLNK RSLT (mg/kg)	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
Diesel	ND	500	482	96	51-153

SURROGATE PARAMETER	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
Bromobenzene	100	94.4	94	60-140
Hexacosane	100	78.6	79	55-150

5039

EMAX QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
METHOD: METHOD M8015

MATRIX:	SOIL		% MOISTURE:	NA
DILUTION FACTOR:	1	1		
SAMPLE ID:	MBLK2S			
LAB SAMP ID:	DSB008SB	DSB008SL		
LAB FILE ID:	TB03026A	TB03027A		
DATE EXTRACTED:	02/04/0018:00	02/04/0018:00	DATE COLLECTED:	NA
DATE ANALYZED:	02/08/0004:24	02/08/0005:02	DATE RECEIVED:	02/04/00
PREP. BATCH:	DSB008S	DSB008S		
CALIB. REF:	TB03024A	TB03024A		

ACCESSION:

PARAMETER	BLNK RSLT (mg/kg)	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
Diesel	ND	500	495	99	51-153

SURROGATE PARAMETER	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
Bromobenzene	100	94.6	95	60-140
Hexacosane	100	83.4	83	55-150

5040

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
METHOD: METHOD M8015

MATRIX:	SOIL			% MOISTURE:	17.9
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	18609-2747				
LAB SAMP ID:	B015-06	B015-06M	B015-06S		
LAB FILE ID:	TB03010A	TB03011A	TB03012A		
DATE EXTRACTED:	02/04/0018:00	02/04/0018:00	02/04/0018:00	DATE COLLECTED:	02/02/00
DATE ANALYZED:	02/07/0018:27	02/07/0019:04	02/07/0019:42	DATE RECEIVED:	02/03/00
PREP. BATCH:	DSB007S	DSB007S	DSB007S		
CALIB. REF:	TB03002A	TB03002A	TB03002A		

ACCESSION:

PARAMETER	SMPL RSLT (mg/kg)	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Diesel	ND	609	663	109	609	654	107	1	51-153	50

SURROGATE PARAMETER	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	QC LIMIT (%)
Bromobenzene	122	124	102	122	123	101	60-140
Hexacosane	122	109	90	122	108	88	55-150

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
METHOD: METHOD M8015

MATRIX: SOIL
% MOISTURE: 12.8

DILUTION FACTOR:	1	1	1
SAMPLE ID:	18609-2767		
LAB SAMP ID:	B015-26	B015-26M	B015-26S
LAB FILE ID:	TB03051A	TB03052A	TB03053A
DATE EXTRACTED:	02/04/0018:00	02/04/0018:00	02/04/0018:00
DATE ANALYZED:	02/08/0019:58	02/08/0020:36	02/08/0021:13
PREP. BATCH:	DSB008S	DSB008S	DSB008S
CALIB. REF:	TB03046A	TB03046A	TB03046A

DATE COLLECTED: 02/02/00
DATE RECEIVED: 02/03/00

ACCESSION:

PARAMETER	SMPL RSLT (mg/kg)	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Diesel	ND	573	508	89	573	508	89	0	51-153	50

SURROGATE PARAMETER	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	QC LIMIT (%)
Bromobenzene	115	115	100	115	112	98	60-140
Hexacosane	115	109	95	115	108	94	55-150

5042

CASE NARRATIVE

CLIENT: **IT CORPORATION**

PROJECT: **MCAS EL TORO/18609/D.O. 70**

SDG: **00B015**

HERBICIDES

Thirty (30) soil and one (1) water samples were received on 02/03/00 to be analyzed for Herbicides by Method 8151A in accordance with USEPA SW846.

1. Holding Time

   Samples were extracted and analyzed within holding time.

2. Surrogate Recovery

   All surrogate recoveries were within QC limit except B015-01, 01R and 03S.

3. Matrix Spike/Matrix Spike Duplicate

   Recoveries were within QC limit except 2,4-DB in B015-03S and Dinoseb in all MS and MSD samples.

4. Lab Control Sample/Lab Control Sample Duplicate

   All recoveries were within QC limit.

5. Method Blank

   Method blanks were free of contamination.

6. Instrument Performance and Calibration

   Initial calibration was at five-point for Herbicides, the RSD were all within QC limit. Continue calibration was done at 12-hour interval. All %D were within QC limit.

7. Sample Analysis

   Sample analyses were done within QC requirement. All requirements were met with the aforementioned exception.

EPA METHOD 8151A
HERBICIDES

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/09/00 17:00
Sample ID:	18609-2742	Date Analyzed:	02/10/00 02:37
Lab Samp ID:	B015-01	Dilution Factor:	2
Lab File ID:	PB09015A	Matrix :	SOIL
Ext Btch ID:	HEB001S	% Moisture :	8.4
Calib. Ref.:	PB09008A	Instrument ID :	T009

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|.03J	1.7	.0027|.0015
2,4-DB	(ND)|ND	1.3	.0031|.0035
2,4,5-T	(ND)|ND	.22	.0029|.0024
2,4,5-TP(SILVEX)	(ND)|ND	.22	.0024|.0019
DALAPON	(ND)|ND	8.7	.0011|.0011
DICAMBA	(ND)|ND	.44	.0022|.0028
DICHLOROPROP	(ND)|ND	1.1	.0017|.0025
DINOSEB	(ND)|ND	.11	.0027|.0022
MCPA	(ND)|ND	370	.34|.3
MCPP	(ND)|ND	280	.28|.16

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	(18*)|16*	30-150

PQL: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) included the reported data

EPA METHOD 8151A
HERBICIDES

[illegible]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/10/00 18:00
Sample ID	: 18609-2742RE	Date Analyzed:	02/12/00 08:28
Lab Samp ID	: B015-01R	Dilution Factor:	2
Lab File ID	: PB09069A	Matrix	: SOIL
Ext Btch ID	: HEB003S	% Moisture	: 8.4
Calib. Ref.	: PB09058A	Instrument ID	: T009

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND) | ND	1.7	.0027 | .0015
2,4-DB	(ND) | ND	1.3	.0031 | .0035
2,4,5-T	(ND) | ND	.22	.0029 | .0024
2,4,5-TP(SILVEX)	(ND) | ND	.22	.0024 | .0019
DALAPON	(ND) | ND	8.7	.0011 | .0011
DICAMBA	(ND) | ND	.44	.0022 | .0028
DICHLOROPROP	(ND) | ND	1.1	.0017 | .0025
DINOSEB	(ND) | ND	.11	.0027 | .0022
MCPA	(ND) | ND	370	.34 | .3
MCPP	(ND) | ND	280	.28 | .16

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	(20*) | 18*	30-150

PQL: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) included the reported data

EPA METHOD 8151A
HERBICIDES

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/09/00 17:00
Sample ID:	18609-2743	Date Analyzed:	02/10/00 03:15
Lab Samp ID:	B015-02	Dilution Factor:	2
Lab File ID:	PB09016A	Matrix :	SOIL
Ext Btch ID:	HEB001S	% Moisture :	14.3
Calib. Ref.:	PB09008A	Instrument ID :	T009

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|ND	1.9	.0028|.0017
2,4-DB	(ND)|ND	1.4	.0033|.0037
2,4,5-T	(ND)|ND	.23	.0031|.0025
2,4,5-TP(SILVEX)	(ND)|ND	.23	.0026|.0021
DALAPON	(ND)|ND	9.3	.0012|.0012
DICAMBA	(ND)|ND	.47	.0024|.0029
DICHLOROPROP	(ND)|ND	1.2	.0018|.0027
DINOSEB	(ND)|ND	.12	.0029|.0024
MCPA	(ND)|ND	400	.37|.32
MCPP	(ND)|ND	300	.29|.17

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	(57)|59	30-150

PQL: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) included the reported data

EPA METHOD 8151A
HERBICIDES

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 008015	Date Extracted:	02/09/00 17:00
Sample ID:	18609-2744	Date Analyzed:	02/12/00 09:05
Lab Samp ID:	B015-03	Dilution Factor:	2
Lab File ID:	PB09070A	Matrix :	SOIL
Ext Btch ID:	HEB003S	% Moisture :	4.2
Calib. Ref.:	PB09058A	Instrument ID :	T009

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|ND	1.7	.0025|.0015
2,4-DB	.037J|(ND)	1.3	.0029|.0033
2,4,5-T	(ND)|ND	.21	.0028|.0023
2,4,5-TP(SILVEX)	(ND)|ND	.21	.0023|.0018
DALAPON	(ND)|ND	8.4	.0011|.001
DICAMBA	(ND)|ND	.42	.0021|.0026
DICHLOROPROP	(ND)|ND	1	.0016|.0024
DINOSEB	(ND)|ND	.1	.0026|.0021
MCPA	(ND)|ND	350	.33|.29
MCPP	(ND)|ND	270	.26|.15

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	(108)|106	30-150

PQL: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
Included the reported data

EPA METHOD 8151A
HERBICIDES

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/09/00 17:00
Sample ID:	18609-2745	Date Analyzed:	02/10/00 05:44
Lab Samp ID:	B015-04	Dilution Factor:	2
Lab File ID:	PB09020A	Matrix :	SOIL
Ext Btch ID:	HEB001S	% Moisture :	5.3
Calib. Ref.:	PB09008A	Instrument ID :	T009

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|ND	1.7	.0026|.0015
2,4-DB	(ND)|ND	1.3	.003|.0034
2,4,5-T	(ND)|ND	.21	.0028|.0023
2,4,5-TP(SILVEX)	(ND)|ND	.21	.0023|.0019
DALAPON	(ND)|ND	8.4	.0011|.001
DICAMBA	(ND)|ND	.42	.0022|.0027
DICHLOROPROP	(ND)|ND	1.1	.0016|.0024
DINOSEB	(ND)|ND	.11	.0026|.0022
MCPA	(ND)|ND	360	.33|.29
MCPP	(ND)|ND	270	.27|.15

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	(55)|57	30-150

PQL: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) included the reported data

EPA METHOD 8151A
HERBICIDES

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/09/00 17:00
Sample ID	: 18609-2746	Date Analyzed:	02/10/00 06:22
Lab Samp ID	: B015-05	Dilution Factor:	2
Lab File ID	: PB09021A	Matrix :	SOIL
Ext Btch ID	: HEB001S	% Moisture :	7.4
Calib. Ref.	: PB09008A	Instrument ID :	T009

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|ND	1.7	.0026|.0015
2,4-DB	(ND)|ND	1.3	.003|.0035
2,4,5-T	(ND)|ND	.22	.0029|.0023
2,4,5-TP(SILVEX)	(ND)|ND	.22	.0024|.0019
DALAPON	(ND)|ND	8.6	.0011|.0011
DICAMBA	(ND)|ND	.43	.0022|.0027
DICHLOROPROP	(ND)|ND	1.1	.0017|.0025
DINOSEB	(ND)|ND	.11	.0027|.0022
MCPA	(ND)|ND	370	.34|.3
MCPP	(ND)|ND	280	.27|.15

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	51|(51)	30-150

PQL: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) included the reported data

EPA METHOD 8151A
HERBICIDES

Client : IT CORPORATION	Date Collected: 02/02/00
Project : MCAS EL TORO/18609/D.O. 70	Date Received: 02/03/00
Batch No. : 008015	Date Extracted: 02/09/00 17:00
Sample ID: 18609-2747	Date Analyzed: 02/10/00 06:59
Lab Samp ID: B015-06	Dilution Factor: 2
Lab File ID: PB09022A	Matrix : SOIL
Ext Btch ID: HEB001S	% Moisture : 17.9
Calib. Ref.: PB09008A	Instrument ID : T009

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|ND	1.9	.003|.0017
2,4-DB	(ND)|ND	1.5	.0034|.0039
2,4,5-T	(ND)|ND	.24	.0032|.0026
2,4,5-TP(SILVEX)	(ND)|ND	.24	.0027|.0022
DALAPON	(ND)|ND	9.7	.0012|.0012
DICAMBA	(ND)|ND	.49	.0025|.0031
DICHLOROPROP	(ND)|ND	1.2	.0019|.0028
DINOSEB	(ND)|ND	.12	.003|.0025
MCPA	(ND)|ND	410	.38|.33
MCPP	(ND)|ND	320	.31|.17

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	49|(50)	30-150

PQL: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) included the reported data

EPA METHOD 8151A
HERBICIDES

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/09/00 17:00
Sample ID:	18609-2748	Date Analyzed:	02/12/00 09:42
Lab Samp ID:	B015-07	Dilution Factor:	2
Lab File ID:	PB09071A	Matrix :	SOIL
Ext Btch ID:	HEB003S	% Moisture :	12.2
Calib. Ref.:	PB09058A	Instrument ID :	T009

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|ND	1.8	.0028|.0016
2,4-DB	(ND)|ND	1.4	.0032|.0037
2,4,5-T	(ND)|ND	.23	.003|.0025
2,4,5-TP(SILVEX)	(ND)|ND	.23	.0025|.002
DALAPON	(ND)|ND	9.1	.0012|.0011
DICAMBA	(ND)|ND	.46	.0023|.0029
DICHLOROPROP	(ND)|ND	1.1	.0017|.0026
DINOSEB	(ND)|ND	.11	.0028|.0023
MCPA	(ND)|ND	390	.36|.31
MCPP	(ND)|ND	300	.29|.16

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	(44)|40	30-150

PQL: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) included the reported data

EPA METHOD 8151A
HERBICIDES

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/09/00 17:00
Sample ID:	18609-2749	Date Analyzed:	02/10/00 17:35
Lab Samp ID:	B015-08	Dilution Factor:	2
Lab File ID:	PB09032A	Matrix :	SOIL
Ext Btch ID:	HEB001S	% Moisture :	4.2
Calib. Ref.:	PB09025A	Instrument ID :	T009

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|ND	1.7	.0025|.0015
2,4-DB	(ND)|ND	1.3	.0029|.0033
2,4,5-T	(ND)|ND	.21	.0028|.0023
2,4,5-TP(SILVEX)	(ND)|ND	.21	.0023|.0018
DALAPON	(ND)|ND	8.4	.0011|.001
DICAMBA	(ND)|ND	.42	.0021|.0026
DICHLOROPROP	(ND)|ND	1	.0016|.0024
DINOSEB	(ND)|ND	.1	.0026|.0021
MCPA	(ND)|ND	350	.33|.29
MCPP	(ND)|ND	270	.26|.15

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	71|(71)	30-150

PQL: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) included the reported data

EPA METHOD 8151A
HERBICIDES

[illegible]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[illegible]tch No.	: 00B015	Date Extracted:	02/09/00 17:00
[illegible]mple ID:	18609-2750	Date Analyzed:	02/10/00 18:12
[illegible]b Samp ID:	B015-09	Dilution Factor:	2
Lab File ID:	PB09033A	Matrix :	SOIL
[illegible]t Btch ID:	HEB001S	% Moisture :	7.9
[illegible]ib. Ref.:	PB09025A	Instrument ID :	T009

[illegible]RAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|ND	1.7	.0026|.0015
2,4-DB	(ND)|ND	1.3	.003|.0035
[illegible],5-T	(ND)|ND	.22	.0029|.0023
[illegible],5-TP(SILVEX)	(ND)|ND	.22	.0024|.0019
DALAPON	(ND)|ND	8.7	.0011|.0011
DICAMBA	(ND)|ND	.43	.0022|.0027
[illegible]CHLOROPROP	(ND)|ND	1.1	.0017|.0025
[illegible]NOSEB	(ND)|ND	.11	.0027|.0022
MCPA	(ND)|ND	370	.34|.3
MCPP	(ND)|ND	280	.27|.15

[illegible]RROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	70|(70)	30-150

[illegible]: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) included the reported data

EPA METHOD 8151A
HERBICIDES

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/09/00 17:00
Sample ID:	18609-2751	Date Analyzed:	02/10/00 18:49
Lab Samp ID:	B015-10	Dilution Factor:	2
Lab File ID:	PB09034A	Matrix :	SOIL
Ext Btch ID:	HEB001S	% Moisture :	17.8
Calib. Ref.:	PB09025A	Instrument ID :	T009

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|ND	1.9	.003|.0017
2,4-DB	.043J|(ND)	1.5	.0034|.0039
2,4,5-T	(ND)|ND	.24	.0032|.0026
2,4,5-TP(SILVEX)	(ND)|ND	.24	.0027|.0021
DALAPON	(ND)|ND	9.7	.0012|.0012
DICAMBA	(ND)|ND	.49	.0025|.0031
DICHLOROPROP	(ND)|ND	1.2	.0019|.0028
DINOSEB	(ND)|ND	.12	.003|.0025
MCPA	(ND)|ND	410	.38|.33
MCPP	(ND)|ND	320	.31|.17

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	(73)|74	30-150

PQL: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) included the reported data

EPA METHOD 8151A
HERBICIDES

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/09/00 17:00
Sample ID:	18609-2752	Date Analyzed:	02/10/00 19:26
Lab Samp ID:	B015-11	Dilution Factor:	2
Lab File ID:	PB09035A	Matrix :	SOIL
Ext Btch ID:	HEB001S	% Moisture :	8.9
Calib. Ref.:	PB09025A	Instrument ID :	T009

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|ND	1.8	.0027|.0016
2,4-DB	.011J|(ND)	1.3	.0031|.0035
2,4,5-T	(ND)|ND	.22	.0029|.0024
2,4,5-TP(SILVEX)	(ND)|ND	.22	.0024|.0019
DALAPON	(ND)|ND	8.8	.0011|.0011
DICAMBA	(ND)|ND	.44	.0022|.0028
DICHLOROPROP	(ND)|ND	1.1	.0017|.0025
DINOSEB	(ND)|ND	.11	.0027|.0023
MCPA	(ND)|ND	370	.34|.3
MCPP	(ND)|ND	290	.28|.16

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	(66)|66	30-150

PQL: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) included the reported data

EPA METHOD 8151A
HERBICIDES

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/09/00 17:00
Sample ID:	18609-2753	Date Analyzed:	02/10/00 13:52
Lab Samp ID:	B015-12	Dilution Factor:	2
Lab File ID:	PB09026A	Matrix :	SOIL
Ext Btch ID:	HEB001S	% Moisture :	6.8
Calib. Ref.:	PB09025A	Instrument ID :	T009

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|ND	1.7	.0026|.0015
2,4-DB	(ND)|ND	1.3	.003|.0034
2,4,5-T	(ND)|ND	.21	.0028|.0023
2,4,5-TP(SILVEX)	(ND)|ND	.21	.0024|.0019
DALAPON	(ND)|ND	8.6	.0011|.0011
DICAMBA	(ND)|ND	.43	.0022|.0027
DICHLOROPROP	(ND)|ND	1.1	.0016|.0025
DINOSEB	(ND)|ND	.11	.0027|.0022
MCPA	(ND)|ND	360	.34|.29
MCPP	(ND)|ND	280	.27|.15

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	(66)|64	30-150

PQL: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) included the reported data

EPA METHOD 8151A
HERBICIDES

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/09/00 17:00
Sample ID:	18609-2754	Date Analyzed:	02/10/00 14:29
Lab Samp ID:	B015-13	Dilution Factor:	2
Lab File ID:	PB09027A	Matrix :	SOIL
Ext Btch ID:	HEB001S	% Moisture :	7.6
Calib. Ref.:	PB09025A	Instrument ID :	T009

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|ND	1.7	.0026|.0015
2,4-DB	(ND)|ND	1.3	.003|.0035
2,4,5-T	(ND)|ND	.22	.0029|.0023
2,4,5-TP(SILVEX)	(ND)|ND	.22	.0024|.0019
DALAPON	(ND)|ND	8.7	.0011|.0011
DICAMBA	(ND)|ND	.43	.0022|.0027
DICHLOROPROP	(ND)|ND	1.1	.0017|.0025
DINOSEB	(ND)|ND	.11	.0027|.0022
MCPA	(ND)|ND	370	.34|.3
MCPP	(ND)|ND	280	.27|.15

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	(62)|61	30-150

PQL: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) included the reported data

EPA METHOD 8151A
HERBICIDES

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/09/00 17:00
Sample ID:	18609-2755	Date Analyzed:	02/10/00 15:06
Lab Samp ID:	B015-14	Dilution Factor:	2
Lab File ID:	PB09028A	Matrix :	SOIL
Ext Btch ID:	HEB001S	% Moisture :	8.9
Calib. Ref.:	PB09025A	Instrument ID :	T009

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|ND	1.8	.0027|.0016
2,4-DB	(ND)|ND	1.3	.0031|.0035
2,4,5-T	(ND)|ND	.22	.0029|.0024
2,4,5-TP(SILVEX)	(ND)|ND	.22	.0024|.0019
DALAPON	(ND)|ND	8.8	.0011|.0011
DICAMBA	(ND)|ND	.44	.0022|.0028
DICHLOROPROP	(ND)|ND	1.1	.0017|.0025
DINOSEB	(ND)|ND	.11	.0027|.0023
MCPA	(ND)|ND	370	.34|.3
MCPP	(ND)|ND	290	.28|.16

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	(67)|67	30-150

PQL: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) included the reported data

EPA METHOD 8151A
HERBICIDES

Client : IT CORPORATION	Date Collected: 02/02/00
Project : MCAS EL TORO/18609/D.O. 70	Date Received: 02/03/00
Batch No. : 00B015	Date Extracted: 02/09/00 17:00
Sample ID: 18609-2756	Date Analyzed: 02/10/00 15:44
Lab Samp ID: B015-15	Dilution Factor: 2
Lab File ID: PB09029A	Matrix : SOIL
Ext Btch ID: HEB001S	% Moisture : 17.2
Calib. Ref.: PB09025A	Instrument ID : T009

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|ND	1.9	.0029|.0017
2,4-DB	(ND)|ND	1.4	.0034|.0039
2,4,5-T	(ND)|ND	.24	.0032|.0026
2,4,5-TP(SILVEX)	(ND)|ND	.24	.0027|.0021
DALAPON	(ND)|ND	9.7	.0012|.0012
DICAMBA	(ND)|ND	.48	.0025|.003
DICHLOROPROP	(ND)|ND	1.2	.0019|.0028
DINOSEB	(ND)|ND	.12	.003|.0025
MCPA	(ND)|ND	410	.38|.33
MCPP	(ND)|ND	310	.3|.17

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	(40)|38	30-150

PQL: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) included the reported data

EPA METHOD 8151A
HERBICIDES

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/09/00 17:00
Sample ID:	18609-2757	Date Analyzed:	02/10/00 16:21
Lab Samp ID:	B015-16	Dilution Factor:	2
Lab File ID:	PB09030A	Matrix :	SOIL
Ext Btch ID:	HEB001S	% Moisture :	28.1
Calib. Ref.:	PB09025A	Instrument ID :	T009

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|ND	2.2	.0034|.002
2,4-DB	(ND)|ND	1.7	.0039|.0045
2,4,5-T	(ND)|ND	.28	.0037|.003
2,4,5-TP(SILVEX)	(ND)|ND	.28	.0031|.0025
DALAPON	(ND)|ND	11	.0014|.0014
DICAMBA	(ND)|ND	.56	.0028|.0035
DICHLOROPROP	(ND)|ND	1.4	.0021|.0032
DINOSEB	(ND)|ND	.14	.0035|.0029
MCPA	(ND)|ND	470	.44|.38
MCPP	(ND)|ND	360	.35|.2

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	(30)|29*	30-150

PQL: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) included the reported data

EPA METHOD 8151A
HERBICIDES

[illegible]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[illegible]tch No.	: 00B015	Date Extracted:	02/09/00 17:00
[illegible]mple ID:	18609-2758	Date Analyzed:	02/10/00 16:58
[illegible]ab Samp ID:	B015-17	Dilution Factor:	2
Lab File ID:	PB09031A	Matrix	: SOIL
[illegible]t Btch ID:	HEB001S	% Moisture	: 6.5
[illegible]lib. Ref.:	PB09025A	Instrument ID	: T009

[illegible]RAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|ND	1.7	.0026|.0015
2,4-DB	(ND)|ND	1.3	.003|.0034
[illegible]4,5-T	(ND)|ND	.21	.0028|.0023
[illegible]4,5-TP(SILVEX)	(ND)|ND	.21	.0024|.0019
DALAPON	(ND)|ND	8.6	.0011|.0011
DICAMBA	(ND)|ND	.43	.0022|.0027
[illegible]CHLOROPROP	(ND)|ND	1.1	.0016|.0025
[illegible]NOSEB	(ND)|ND	.11	.0027|.0022
MCPA	(ND)|ND	360	.34|.29
MCPP	(ND)|ND	280	.27|.15

[illegible]RROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	39|(37)	30-150

[illegible]: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) [illegible]cluded the reported data

EPA METHOD 8151A
HERBICIDES

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/09/00 17:00
Sample ID:	18609-2759	Date Analyzed:	02/11/00 20:01
Lab Samp ID:	B015-18	Dilution Factor:	2
Lab File ID:	PB09049A	Matrix :	SOIL
Ext Btch ID:	HEB003S	% Moisture :	1.8
Calib. Ref.:	PB09044A	Instrument ID :	T009

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|ND	1.6	.0025|.0014
2,4-DB	(ND)|ND	1.2	.0029|.0033
2,4,5-T	(ND)|ND	.2	.0027|.0022
2,4,5-TP(SILVEX)	(ND)|ND	.2	.0022|.0018
DALAPON	(ND)|ND	8.1	.001|.001
DICAMBA	(ND)|ND	.41	.0021|.0026
DICHLOROPROP	(ND)|ND	1	.0016|.0023
DINOSEB	(ND)|ND	.1	.0025|.0021
MCPA	(ND)|ND	350	.32|.28
MCPP	(ND)|ND	260	.26|.14

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	(70)|62	30-150

PQL: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) included the reported data

EPA METHOD 8151A
HERBICIDES

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/09/00 17:00
Sample ID	: 18609-2760	Date Analyzed:	02/11/00 21:53
Lab Samp ID	: B015-19	Dilution Factor:	2
Lab File ID	: PB09052A	Matrix	: SOIL
Ext Btch ID	: HEB003S	% Moisture	: 5.7
Calib. Ref.	: PB09044A	Instrument ID	: T009

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|ND	1.7	.0026|.0015
2,4-DB	(ND)|ND	1.3	.003|.0034
2,4,5-T	(ND)|ND	.21	.0028|.0023
2,4,5-TP(SILVEX)	(ND)|ND	.21	.0023|.0019
DALAPON	(ND)|ND	8.5	.0011|.0011
DICAMBA	(ND)|ND	.42	.0022|.0027
DICHLOROPROP	(ND)|ND	1.1	.0016|.0024
DINOSEB	(ND)|ND	.11	.0027|.0022
MCPA	(ND)|ND	360	.33|.29
MCPP	(ND)|ND	280	.27|.15

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	(85)|81	30-150

PQL: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) included the reported data

EPA METHOD 8151A
HERBICIDES

Client	: IT CORPORATION	Date Collected:	NA
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	NA
Batch No.	: 00B015	Date Extracted:	02/09/00 17:00
Sample ID:	MBLK1S	Date Analyzed:	02/10/00 01:23
Lab Samp ID:	HEB001SB	Dilution Factor:	2
Lab File ID:	PB09013A	Matrix :	SOIL
Ext Btch ID:	HEB001S	% Moisture :	NA
Calib. Ref.:	PB09008A	Instrument ID :	T009

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|ND	1.6	.0024|.0014
2,4-DB	(ND)|ND	1.2	.0028|.0032
2,4,5-T	(ND)|ND	.2	.0027|.0022
2,4,5-TP(SILVEX)	(ND)|ND	.2	.0022|.0018
DALAPON	(ND)|ND	8	.001|.00099
DICAMBA	(ND)|ND	.4	.002|.0025
DICHLOROPROP	(ND)|ND	1	.0015|.0023
DINOSEB	(ND)|ND	.1	.0025|.0021
MCPA	(ND)|ND	340	.31|.27
MCPP	(ND)|ND	260	.25|.14

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	(83)|84	30-150

PQL: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) included the reported data

Revised Report

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EPA METHOD 8151A
HERBICIDES

Client	: IT CORPORATION	Date Collected:	NA
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	NA
Batch No.	: 008015	Date Extracted:	02/10/00 18:00
Sample ID:	MBLK2S	Date Analyzed:	02/11/00 18:10
Lab Samp ID:	HE8003SB	Dilution Factor:	2
Lab File ID:	PB09046A	Matrix	: SOIL
Ext Btch ID:	HE8003S	% Moisture	: NA
Calib. Ref.:	PB09044A	Instrument ID	: T009

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|ND	1.6	.0024|.0014
2,4-DB	(ND)|ND	1.2	.0028|.0032
2,4,5-T	(ND)|ND	.2	.0027|.0022
2,4,5-TP(SILVEX)	(ND)|ND	.2	.0022|.0018
DALAPON	(ND)|ND	8	.001|.00099
DICAMBA	(ND)|ND	.4	.002|.0025
DICHLOROPROP	(ND)|ND	1	.0015|.0023
DINOSEB	(ND)|ND	.1	.0025|.0021
MCPA	(ND)|ND	340	.31|.27
MCPP	(ND)|ND	260	.25|.14

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	118|(100)	30-150

PQL: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) included the reported data

Revised Report

5146

EPA METHOD 8151A
HERBICIDES

Client	: IT CORPORATION	Date Collected:	NA
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	NA
Batch No.	: 00B015	Date Extracted:	02/09/00 17:00
Sample ID:	MBLK1S	Date Analyzed:	02/10/00 01:23
Lab Samp ID:	HEB001SB	Dilution Factor:	2
Lab File ID:	PB09013A	Matrix :	SOIL
Ext Btch ID:	HEB001S	% Moisture :	NA
Calib. Ref.:	PB09008A	Instrument ID :	T009

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND)|ND	1.6	.0024|.0014
2,4-DB	(ND)|ND	1.2	.0028|.0032
2,4,5-T	(ND)|ND	.2	.0027|.0022
2,4,5-TP(SILVEX)	(ND)|ND	.2	.0022|.0018
DALAPON	(ND)|ND	8	.001|.00099
DICAMBA	(ND)|ND	.4	.002|.0025
DICHLOROPROP	(ND)|ND	1	.0015|.0023
DINOSEB	(ND)|ND	.1	.0025|.0021
MCPA	(ND)|ND	340	.31|.27
MCPP	(ND)|ND	260	.25|.14

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	(166*)|167*	30-150

PQL: Practical Quantitation Limit
Left of | is related to first column; Right of | related to second column
( ) included the reported data

EPA METHOD 8151A
HERBICIDES

[illegible]	: IT CORPORATION	Date Collected:	NA
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	NA
[illegible]tch No.	: 00B015	Date Extracted:	02/10/00 18:00
[illegible]mple ID:	MBLK2S	Date Analyzed:	02/11/00 18:10
[illegible]b Samp ID:	HEB003SB	Dilution Factor:	2
Lab File ID:	PB09046A	Matrix :	SOIL
[illegible]t Btch ID:	HEB003S	% Moisture :	NA
[illegible]ib. Ref.:	PB09044A	Instrument ID :	T009

[illegible]AMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
2,4-D	(ND) | ND	1.6	.0024 | .0014
2,4-DB	(ND) | ND	1.2	.0028 | .0032
[illegible],5-T	(ND) | ND	.2	.0027 | .0022
[illegible],5-TP(SILVEX)	(ND) | ND	.2	.0022 | .0018
DALAPON	(ND) | ND	8	.001 | .00099
DICAMBA	(ND) | ND	.4	.002 | .0025
[illegible]CHLOROPROP	(ND) | ND	1	.0015 | .0023
[illegible]OSEB	(ND) | ND	.1	.0025 | .0021
MCPA	(ND) | ND	340	.31 | .27
MCPP	(ND) | ND	260	.25 | .14

[illegible]ROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4-DCPAA	236* | (201*)	30-150

[illegible]: Practical Quantitation Limit
[illegible]t of | is related to first column; Right of | related to second column
( ) included the reported data

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

LIENT: IT CORPORATION
ROJECT: MCAS EL TORO/18609/D.O. 70
ATCH NO.: 00B015
ETHOD: EPA 8151A

ATRIX: WATER % MOISTURE: NA

ILUTION FACTOR:	1	1	1
AMPLE ID:	MBLK1W		
AB SAMP ID:	HEB002WB	HEB002WL	HEB002WC
AB FILE ID:	PB09009A	PB09038A	PB09011A
ATE EXTRACTED:	02/09/0017:00	02/09/0017:00	02/09/0017:00
ATE ANALYZED:	02/09/0022:53	02/10/0021:17	02/10/0000:08
REP. BATCH:	HEB002W	HEB002W	HEB002W
ALIB. REF:	PB09008A	PB09037A	PB09008A

DATE COLLECTED: NA
DATE RECEIVED: NA

CCESSION:

ARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
,4-D	(ND)|ND	1	(.733J)|.677J	(73)|68	1	.66J|(.665J)	66|(66)	10|(2)	30-150	30
,4-DB	(ND)|ND	1	(.888J)|.815J	(89)|82	1	.77J|(.798J)	77|(80)	14|(2)	30-150	30
,4,5-T	(ND)|ND	1	(.849J)|.776J	(85)|78	1	.75J|(.764J)	75|(76)	12|(2)	30-150	30
,4,5-TP(Silvex)	(ND)|ND	1	(.884J)|.775J	(88)|78	1	(.772J)|.767J	(77)|77	(14)|1	30-150	30
alapon	(ND)|ND	1	(1.13J)|.909J	(113)|91	1	(.573J)|.413J	(57)|41	(65*)|75*	30-150	30
icamba	(ND)|ND	1	(.659J)|.617J	(66)|62	1	(.588J)|.582J	(59)|58	(11)|6	30-150	30
ichloroprop	(ND)|ND	1	(.788J)|.727J	(79)|73	1	.695J|(.716J)	70|(72)	13|(2)	30-150	30
inoseb	(ND)|ND	1	(.326J)|.308J	(33)|31	1	.304J|(.312J)	30|(31)	7|(1)	30-150	30

URROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
,4-DCPAA	10	(8.38)|7.74	(84)|77	10	7.36|(7.59)	74|(76)	30-150

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EMAX QUALITY CONTROL DATA
LCS ANALYSIS

T: IT CORPORATION
ECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 008015
ETHOD: EPA 8151A

MATRIX: SOIL % MOISTURE: NA
ILUTION FACTOR: 2 2
AMPLE ID: MBLK1S
AB SAMP ID: HEB001SB HEB001SL
LAB FILE ID: PB09013A PB09014A
ATE EXTRACTED: 02/09/0017:00 02/09/0017:00 DATE COLLECTED: NA
ATE ANALYZED: 02/10/0001:23 02/10/0002:00 DATE RECEIVED: NA
REP. BATCH: HEB001S HEB001S
CALIB. REF: PB09008A PB09008A

CCESSION:

ARAMETER	BLNK RSLT (mg/kg)	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
,4-D	(ND) | ND	.0333	.0226J | (.0236J)	68 | (71)	30-150
2,4-DB	(ND) | ND	.0333	.0281J | (.0292J)	84 | (88)	30-150
,4,5-T	(ND) | ND	.0333	.0267J | (.0271J)	80 | (81)	30-150
,4,5-TP(Silvex)	(ND) | ND	.0333	.0274J | (.0278J)	82 | (83)	30-150
alapon	(ND) | ND	.0333	.0276J | (.0166J)	83 | (50)	30-150
Dicamba	(ND) | ND	.0333	(.0215J) | .0215J	(65) | 65	30-150
ichloroprop	(ND) | ND	.0333	(.0253J) | .0253J	(76) | 76	30-150
inoseb	(ND) | ND	.0333	(.0128J) | .0127J	(38) | 38	30-150

SURROGATE PARAMETER	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
,4-DCPAA	.333	.265 | (.268)	80 | (80)	30-150

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
METHOD: EPA 8151A

MATRIX: SOIL % MOISTURE: NA

DILUTION FACTOR:	2	2	2		
SAMPLE ID:	MBLK2S				
LAB SAMP ID:	HEB003SB	HEB003SL	HEB003SC		
LAB FILE ID:	PB09046A	PB09047A	PB09048A		
DATE EXTRACTED:	02/10/0018:00	02/10/0018:00	02/10/0018:00	DATE COLLECTED:	NA
DATE ANALYZED:	02/11/0018:10	02/11/0018:47	02/11/0019:24	DATE RECEIVED:	NA
PREP. BATCH:	HEB003S	HEB003S	HEB003S		
CALIB. REF:	PB09044A	PB09044A	PB09044A		

ACCESSION:

PARAMETER	BLNK RSLT (mg/kg)	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	SPIKE AMT (mg/kg)	BSD RSLT (mg/kg)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
2,4-D	(ND) | ND	.0333	(.0322J) | .0301J	(97) | 90	.0333	(.0329J) | .0311J	(99) | 93	(2) | 3	30-150	50
2,4-DB	(ND) | ND	.0333	(.0412J) | .0368J	(124) | 111	.0333	(.0435J) | .0401J	(131) | 120	(5) | 9	30-150	50
2,4,5-T	(ND) | ND	.0333	(.037J) | .0337J	(111) | 101	.0333	(.0386J) | .0352J	(116) | 106	(4) | 4	30-150	50
2,4,5-TP(Silvex)	(ND) | ND	.0333	(.0369J) | .0326J	(111) | 98	.0333	(.0398J) | .0356J	(120) | 107	(8) | 9	30-150	50
Dalapon	(ND) | ND	.0333	.0234J | (.032J)	70 | (96)	.0333	(.0308J) | .0191J	(92) | 57	(27) | 50*	30-150	50
Dicamba	(ND) | ND	.0333	(.0332J) | .0299J	(100) | 90	.0333	(.0322J) | .0296J	(97) | 89	(3) | 1	30-150	50
Dichloroprop	(ND) | ND	.0333	(.0336J) | .0303J	(101) | 91	.0333	(.0361J) | .033J	(108) | 99	(7) | 9	30-150	50
Dinoseb	(ND) | ND	.0333	(.0105J) | .0104J	(32) | 31	.0333	.0106J | (.0108J)	32 | (32)	1 | (4)	30-150	50

SURROGATE PARAMETER	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	SPIKE AMT (mg/kg)	BSD RSLT (mg/kg)	BSD % REC	QC LIMIT (%)
2,4-DCPAA	.333	(.4) | .356	(120) | 107	.333	(.432) | .391	(130) | 117	30-150

EMAX QUALITY CONTRO
MS/MSD ANALYSIS

LIENT: IT CORPORATION
ROJECT: MCAS EL TORO/18609/D.O. 70
ATCH NO.: 00B015
ETHOD: EPA 8151A

ATRIX: SOIL
% MOISTURE: 4.2

ILUTION FACTOR:	2	2	2
AMPLE ID:	18609-2744		
AB SAMP ID:	B015-03	B015-03M	B015-03S
AB FILE ID:	PB09070A	PB09018A	PB09019A
ATE EXTRACTED:	02/09/0017:00	02/09/0017:00	02/09/0017:00
ATE ANALYZED:	02/12/0009:05	02/10/0004:29	02/10/0005:07
REP. BATCH:	HEB003S	HEB001S	HEB001S
ALIB. REF:	PB09058A	PB09008A	PB09008A

DATE COLLECTED: 02/02/00
DATE RECEIVED: 02/03/00

CCESSION:

ARAMETER	SMPL RSLT (mg/kg)	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
,4-D	(ND) | ND	.0348	(.012J) | .027J	(35) | 78	.0348	.013J | (.018J)	37 | (52)	8 | (40)	30-150	50
,4-DB	.037J | (ND)	.0348	(.056J) | .0075J	(55) | 22*	.0348	.0075J | (.0046J)	-85* | (13*)	153* | (48)	30-150	50
,4,5-T	(ND) | ND	.0348	.017J | (.018J)	49 | (52)	.0348	(.017J) | .017J	(49) | 49	(0) | 6	30-150	50
,4,5-TP(Silvex)	(ND) | ND	.0348	(.02J) | .02J	(58) | 58	.0348	(.019J) | .019J	(55) | 55	(5) | 5	30-150	50
alapon	(ND) | ND	.0348	(.021J) | .019J	(60) | 55	.0348	.033J | (.021J)	95 | (60)	44 | (10)	30-150	50
icamba	(ND) | ND	.0348	(.014J) | .014J	(40) | 40	.0348	(.014J) | .014J	(40) | 40	(0) | 0	30-150	50
ichloroprop	(ND) | ND	.0348	(.018J) | .016J	(52) | 46	.0348	(.017J) | .016J	(49) | 46	(6) | 0	30-150	50
inoseb	(ND) | ND	.0348	ND | (0.0047J)	0* | (14*)	.0348	(ND) | ND	(0*) | 0*	0 | (200*)	30-150	50

URROGATE PARAMETER	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	QC LIMIT (%)
,4-DCPAA	.348	(.17) | .17	(49) | 49	.348	(.1) | .1	(29*) | 29*	30-150

5150

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

LIENT: IT CORPORATION
ROJECT: MCAS EL TORO/18609/D.O. 70
ATCH NO.: 00B015
ETHOD: EPA 8151A

ATRIX: SOIL
% MOISTURE: 1.8

ILUTION FACTOR:	2	2	2
AMPLE ID:	18609-2759		
AB SAMP ID:	B015-18	B015-18M	B015-18S
AB FILE ID:	PB09049A	PB09050A	PB09051A
ATE EXTRACTED:	02/09/0017:00	02/09/0017:00	02/09/0017:00
ATE ANALYZED:	02/11/0020:01	02/11/0020:38	02/11/0021:16
REP. BATCH:	HEB003S	HEB003S	HEB003S
ALIB. REF:	PB09044A	PB09044A	PB09044A

DATE COLLECTED: 02/02/00
DATE RECEIVED: 02/03/00

CCESSION:

ARAMETER	SMPL RSLT (mg/kg)	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
,4-D	(ND) | ND	.0339	(.016J) | .027J	(47) | 80	.0339	.021J | (.022J)	62 | (65)	27 | (20)	30-150	50
,4-DB	(ND) | ND	.0339	(.021J) | .01J	(62) | 29*	.0339	.021J | (.012J)	62 | (35)	0 | (18)	30-150	50
,4,5-T	(ND) | ND	.0339	(.023J) | .02J	(68) | 59	.0339	(.025J) | .023J	(74) | 68	(8) | 14	30-150	50
,4,5-TP(Silvex)	(ND) | ND	.0339	(.025J) | .022J	(74) | 65	.0339	(.028J) | .025J	(83) | 74	(11) | 13	30-150	50
alapon	(ND) | ND	.0339	.041J | (.018J)	121 | (53)	.0339	.046J | (.02J)	136 | (59)	11 | (11)	30-150	50
icamba	(ND) | ND	.0339	(.018J) | .016J	(53) | 47	.0339	(.023J) | .02J	(68) | 59	(24) | 22	30-150	50
ichloroprop	(ND) | ND	.0339	(.02J) | .019J	(59) | 56	.0339	(.025J) | .022J	(74) | 65	(22) | 15	30-150	50
inoseb	(ND) | ND	.0339	(ND) | ND	(0*) | 0*	.0339	(.0041J) | .004J	(12*) | 12*	(200*) | 200*	30-150	50

SURROGATE PARAMETER	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	QC LIMIT (%)
,4-DCPAA	.339	(.23) | .21	(68) | 62	.339	(.28) | .26	(83) | 77	30-150

CASE NARRATIVE

CLIENT: IT CORPORATION

PROJECT: MCAS EL TORO/18609/D.O. 70

SDG: 00B015

CHLORINATED PESTICIDES

Thirty (30) soil and one (1) water samples were received on 02/03/00 to be analyzed for Pesticides by Method 8081A in accordance with USEPA SW846.

1. Holding Time

   Samples were extracted and analyzed within holding time.

2. Surrogate Recovery

   All surrogate recoveries were within QC limits.

3. Matrix Spike/Matrix Spike Duplicate

   Recoveries were within QC limits.

4. Lab Control Sample/Lab Control Sample Duplicate

   All recoveries were within QC limit.

5. Method Blank

   Method blanks were free of contamination.

6. Instrument Performance and Calibration

   Initial calibration was at five-point for Pesticides, the RSD were all within QC limit. Continue calibration was done at 20 samples interval. All %D in quantitative column were within QC limit.

7. Sample Analysis

   Sample analyses were done within QC requirement. All requirements were met.

SW3550A/8081
PESTICIDES/PCBS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2742	Date Analyzed:	02/11/00 03:30
Lab Samp ID:	B015-01	Dilution Factor:	1
Lab File ID:	WB07110A	Matrix :	SOIL
Ext Btch ID:	CPB007S	% Moisture :	8.4
Calib. Ref.:	WB07093A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
ALPHA-BHC	(ND) | ND	.0021	.00044 | .00037
GAMMA-BHC (LINDANE)	(ND) | ND	.022	.00034 | .00044
BETA-BHC	(ND) | ND	.036	.00028 | .00019
HEPTACHLOR	.0029J | (ND)	.022	.0004 | .00043
DELTA-BHC	(ND) | ND	.012	.00024 | .00023
ALDRIN	(ND) | ND	.016	.00026 | .00021
HEPTACHLOR EPOXIDE	(ND) | ND	.023	.00032 | .00032
GAMMA-CHLORDANE	(ND) | ND	.016	.00045 | .00081
ALPHA-CHLORDANE	(ND) | ND	.016	.00066 | .00042
ENDOSULFAN I	(ND) | ND	.023	.00052 | .00046
4,4'-DDE	(ND) | ND	.046	.00049 | .0005
DIELDRIN	(ND) | ND	.038	.00031 | .00024
ENDRIN	(ND) | ND	.039	.00026 | .00023
4,4'-DDD	(ND) | ND	.0033	.00036 | .00038
ENDOSULFAN II	(ND) | ND	.026	.00049 | .00046
4,4'-DDT	(ND) | ND	.0033	.00025 | .00024
ENDRIN ALDEHYDE	(ND) | ND	.017	.00022 | .00014
ENDOSULFAN SULFATE	(ND) | ND	.039	.00043 | .00037
METHOXYCHLOR	(ND) | ND	.062	.00024 | .00021
TOXAPHENE	(ND) | ND	.76	.0013 | .0023

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	64 | (75)	35-135
DECACHLOROBIPHENYL	(82) | 79	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column

SW3550A/8081
PESTICIDES/PCBS

[illegible]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[illegible]atch No.	: 00B015	Date Extracted:	02/07/00 20:00
[illegible]ample ID:	18609-2743	Date Analyzed:	02/11/00 03:55
[illegible]ab Samp ID:	B015-02	Dilution Factor:	1
Lab File ID:	WB07111A	Matrix :	SOIL
[illegible]xt Btch ID:	CPB007S	% Moisture :	14.3
[illegible]lib. Ref.:	WB07093A	Instrument ID :	GCT016

[illegible]RAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
ALPHA-BHC	(ND)|ND	.0022	.00047|.0004
[illegible]MMA-BHC (LINDANE)	(ND)|ND	.023	.00037|.00047
[illegible]TA-BHC	(ND)|ND	.039	.0003|.0002
HEPTACHLOR	.0016J|(ND)	.023	.00042|.00046
DELTA-BHC	(ND)|ND	.013	.00026|.00024
[illegible]DRIN	(ND)|ND	.018	.00028|.00022
[illegible]PTACHLOR EPOXIDE	(ND)|ND	.025	.00034|.00035
GAMMA-CHLORDANE	(ND)|ND	.018	.00048|.00086
ALPHA-CHLORDANE	(ND)|ND	.018	.0007|.00045
[illegible]DOSULFAN I	(ND)|ND	.025	.00055|.00049
[illegible]4'-DDE	(ND)|ND	.049	.00052|.00054
DIELDRIN	(ND)|ND	.041	.00033|.00026
ENDRIN	(ND)|ND	.042	.00028|.00025
[illegible]4'-DDD	(ND)|ND	.0035	.00038|.0004
[illegible]DOSULFAN II	(ND)|ND	.028	.00052|.0005
4,4'-DDT	(ND)|ND	.0035	.00026|.00026
ENDRIN ALDEHYDE	(ND)|ND	.019	.00023|.00015
[illegible]FAN SULFATE	(ND)|ND	.042	.00046|.0004
[illegible]CHLOR	(ND)|ND	.067	.00026|.00023
TOXAPHENE	(ND)|ND	.82	.0014|.0024

[illegible]RROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	62|(71)	35-135
DECACHLOROBIPHENYL	(81)|78	25-143

[illegible]L: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column

SW3550A/8081
PESTICIDES/PCBS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2744	Date Analyzed:	02/11/00 04:21
Lab Samp ID:	B015-03	Dilution Factor:	1
Lab File ID:	WB07112A	Matrix :	SOIL
Ext Btch ID:	CPB007S	% Moisture :	4.2
Calib. Ref.:	WB07093A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
ALPHA-BHC	(ND)|ND	.002	.00042|.00035
GAMMA-BHC (LINDANE)	(ND)|ND	.021	.00033|.00042
BETA-BHC	(ND)|ND	.034	.00027|.00018
HEPTACHLOR	(ND)|ND	.021	.00038|.00041
DELTA-BHC	(ND)|ND	.011	.00023|.00022
ALDRIN	(ND)|ND	.016	.00025|.0002
HEPTACHLOR EPOXIDE	(ND)|ND	.022	.00031|.00031
GAMMA-CHLORDANE	(ND)|ND	.016	.00043|.00077
ALPHA-CHLORDANE	(ND)|ND	.016	.00063|.00041
ENDOSULFAN I	(ND)|ND	.022	.00049|.00044
4,4'-DDE	(ND)|ND	.044	.00047|.00048
DIELDRIN	(ND)|ND	.037	.0003|.00023
ENDRIN	(ND)|ND	.038	.00025|.00022
4,4'-DDD	(ND)|ND	.0031	.00034|.00036
ENDOSULFAN II	(ND)|ND	.025	.00046|.00044
4,4'-DDT	(ND)|ND	.0031	.00024|.00023
ENDRIN ALDEHYDE	(ND)|ND	.017	.00021|.00014
ENDOSULFAN SULFATE	(ND)|ND	.038	.00041|.00036
METHOXYCHLOR	(ND)|ND	.059	.00023|.0002
TOXAPHENE	(ND)|ND	.73	.0013|.0022

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	54|(65)	35-135
DECACHLOROBIPHENYL	(83)|79	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column

SW3550A/8081
PESTICIDES/PCBS

[illegible]t	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[illegible]atch No.	: 00B015	Date Extracted:	02/07/00 20:00
[illegible]ample ID	: 18609-2745	Date Analyzed:	02/11/00 19:14
[illegible]ab Samp ID	: B015-04	Dilution Factor:	1
Lab File ID	: WB07139A	Matrix	: SOIL
[illegible]xt Btch ID	: CPB007S	% Moisture	: 5.3
[illegible]alib. Ref.	: WB07135A	Instrument ID	: GCT016

[illegible]ARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
ALPHA-BHC	(ND)|ND	.002	.00042|.00036
[illegible]MMA-BHC (LINDANE)	(ND)|ND	.021	.00033|.00043
[illegible]TA-BHC	(ND)|ND	.035	.00027|.00018
HEPTACHLOR	(ND)|ND	.021	.00038|.00041
DELTA-BHC	(ND)|ND	.012	.00023|.00022
[illegible]DRIN	(ND)|ND	.016	.00025|.0002
[illegible]PTACHLOR EPOXIDE	(ND)|ND	.022	.00031|.00031
GAMMA-CHLORDANE	(ND)|ND	.016	.00044|.00078
ALPHA-CHLORDANE	(ND)|ND	.016	.00064|.00041
[illegible]DOSULFAN I	(ND)|ND	.022	.0005|.00045
[illegible]4'-DDE	(ND)|ND	.044	.00047|.00049
DIELDRIN	(ND)|ND	.037	.0003|.00023
ENDRIN	(ND)|ND	.038	.00025|.00023
[illegible]4'-DDD	(ND)|ND	.0032	.00034|.00036
[illegible]DOSULFAN II	(ND)|ND	.025	.00047|.00045
4,4'-DDT	(ND)|ND	.0032	.00024|.00024
ENDRIN ALDEHYDE	(ND)|ND	.017	.00021|.00014
[illegible]FAN SULFATE	(ND)|ND	.038	.00042|.00036
[illegible]CHLOR	(ND)|ND	.06	.00023|.00021
TOXAPHENE	(ND)|ND	.74	.0013|.0022

[illegible]RROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	50|(60)	35-135
DECACHLOROBIPHENYL	(78)|65	25-143

[illegible]L: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column

SW3550A/8081
PESTICIDES/PCBS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2746	Date Analyzed:	02/11/00 19:40
Lab Samp ID:	B015-05	Dilution Factor:	1
Lab File ID:	WB07140A	Matrix :	SOIL
Ext Btch ID:	CPB007S	% Moisture :	7.4
Calib. Ref.:	WB07135A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
ALPHA-BHC	.0011J | (ND)	.0021	.00043 | .00037
GAMMA-BHC (LINDANE)	(ND) | ND	.022	.00034 | .00044
BETA-BHC	(ND) | ND	.036	.00028 | .00019
HEPTACHLOR	.0027J | (.0012J)	.022	.00039 | .00042
DELTA-BHC	(ND) | ND	.012	.00024 | .00023
ALDRIN	(ND) | ND	.016	.00026 | .00021
HEPTACHLOR EPOXIDE	(ND) | ND	.023	.00032 | .00032
GAMMA-CHLORDANE	(ND) | ND	.016	.00045 | .0008
ALPHA-CHLORDANE	(ND) | ND	.016	.00065 | .00042
ENDOSULFAN I	(ND) | ND	.023	.00051 | .00046
4,4'-DDE	(ND) | ND	.045	.00048 | .0005
DIELDRIN	(ND) | ND	.038	.00031 | .00024
ENDRIN	(ND) | ND	.039	.00025 | .00023
4,4'-DDD	(ND) | ND	.0032	.00035 | .00037
ENDOSULFAN II	(ND) | ND	.026	.00048 | .00046
4,4'-DDT	(ND) | ND	.0032	.00024 | .00024
ENDRIN ALDEHYDE	(ND) | ND	.017	.00021 | .00014
ENDOSULFAN SULFATE	(ND) | ND	.039	.00043 | .00037
METHOXYCHLOR	(ND) | ND	.062	.00024 | .00021
TOXAPHENE	(ND) | ND	.76	.0013 | .0022

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	57 | (61)	35-135
DECACHLOROBIPHENYL	(78) | 66	25-143

PQL: *Practical Quantitation Limit*
Left of | is related to first column ; Right of | related to second column
( ) included the reported column

SW3550A/8081
PESTICIDES/PCBS

[illegible]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[illegible]tch No.	: 00B015	Date Extracted:	02/07/00 20:00
[illegible]mple ID:	18609-2747	Date Analyzed:	02/11/00 20:05
[illegible]ab Samp ID:	B015-06	Dilution Factor:	1
Lab File ID:	WB07141A	Matrix :	SOIL
[illegible]t Btch ID:	CPB007S	% Moisture :	17.9
[illegible]lib. Ref.:	WB07135A	Instrument ID :	GCT016

[illegible]RAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
ALPHA-BHC	(ND)|ND	.0023	.00049|.00041
[illegible]MMA-BHC (LINDANE)	(ND)|ND	.024	.00038|.0005
[illegible]TA-BHC	(ND)|ND	.04	.00031|.00021
HEPTACHLOR	.0017J|(ND)	.024	.00044|.00048
DELTA-BHC	(ND)|ND	.013	.00027|.00025
[illegible]DRIN	(ND)|ND	.018	.00029|.00023
[illegible]PTACHLOR EPOXIDE	(ND)|ND	.026	.00036|.00036
GAMMA-CHLORDANE	(ND)|ND	.018	.0005|.0009
ALPHA-CHLORDANE	(ND)|ND	.018	.00073|.00047
[illegible]DOSULFAN I	(ND)|ND	.026	.00058|.00052
[illegible]4'-DDE	(ND)|ND	.051	.00055|.00056
DIELDRIN	(ND)|ND	.043	.00035|.00027
ENDRIN	(ND)|ND	.044	.00029|.00026
[illegible]4'-DDD	(ND)|ND	.0037	.0004|.00042
[illegible]DOSULFAN II	(ND)|ND	.029	.00054|.00052
4,4'-DDT	(ND)|ND	.0037	.00028|.00027
ENDRIN ALDEHYDE	(ND)|ND	.019	.00024|.00016
[illegible]AN SULFATE	(ND)|ND	.044	.00048|.00042
[illegible]HLOR	(ND)|ND	.069	.00027|.00024
TOXAPHENE	(ND)|ND	.85	.0015|.0025

[illegible]ROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	57|(71)	35-135
DECACHLOROBIPHENYL	(83)|72	25-143

[illegible]: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
(_) included the reported column

SW3550A/8081
PESTICIDES/PCBS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2748	Date Analyzed:	02/11/00 20:31
Lab Samp ID:	B015-07	Dilution Factor:	1
Lab File ID:	WB07142A	Matrix :	SOIL
Ext Btch ID:	CPB007S	% Moisture :	12.2
Calib. Ref.:	WB07135A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
ALPHA-BHC	(ND)|ND	.0022	.00046|.00039
GAMMA-BHC (LINDANE)	(ND)|ND	.023	.00036|.00046
BETA-BHC	(ND)|ND	.038	.00029|.0002
HEPTACHLOR	(ND)|ND	.023	.00041|.00044
DELTA-BHC	(ND)|ND	.013	.00025|.00024
ALDRIN	(ND)|ND	.017	.00027|.00022
HEPTACHLOR EPOXIDE	(ND)|ND	.024	.00033|.00034
GAMMA-CHLORDANE	(ND)|ND	.017	.00047|.00084
ALPHA-CHLORDANE	(ND)|ND	.017	.00069|.00044
ENDOSULFAN I	(ND)|ND	.024	.00054|.00048
4,4'-DDE	(ND)|ND	.048	.00051|.00053
DIELDRIN	(ND)|ND	.04	.00033|.00025
ENDRIN	(ND)|ND	.041	.00027|.00024
4,4'-DDD	(ND)|ND	.0034	.00037|.00039
ENDOSULFAN II	(ND)|ND	.027	.00051|.00048
4,4'-DDT	(ND)|ND	.0034	.00026|.00025
ENDRIN ALDEHYDE	(ND)|ND	.018	.00023|.00015
ENDOSULFAN SULFATE	(ND)|ND	.041	.00045|.00039
METHOXYCHLOR	(ND)|ND	.065	.00025|.00022
TOXAPHENE	(ND)|ND	.8	.0014|.0024

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	50|(59)	35-135
DECACHLOROBIPHENYL	(80)|69	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column

SW3550A/8081
PESTICIDES/PCBS

[redacted]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
[redacted]ple ID:	18609-2749	Date Analyzed:	02/11/00 20:56
Lab Samp ID:	B015-08	Dilution Factor:	1
Lab File ID:	WB07143A	Matrix	: SOIL
Ext Btch ID:	CPB007S	% Moisture	: 4.2
[redacted]ib. Ref.:	WB07135A	Instrument ID	: GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
ALPHA-BHC	(ND)|ND	.002	.00042|.00035
GAMMA-BHC (LINDANE)	(ND)|ND	.021	.00033|.00042
BETA-BHC	(ND)|ND	.034	.00027|.00018
HEPTACHLOR	(ND)|ND	.021	.00038|.00041
DELTA-BHC	(ND)|ND	.011	.00023|.00022
ALDRIN	(ND)|ND	.016	.00025|.0002
HEPTACHLOR EPOXIDE	(ND)|ND	.022	.00031|.00031
GAMMA-CHLORDANE	(ND)|ND	.016	.00043|.00077
ALPHA-CHLORDANE	(ND)|ND	.016	.00063|.00041
ENDOSULFAN I	(ND)|ND	.022	.00049|.00044
4,4'-DDE	(ND)|ND	.044	.00047|.00048
DIELDRIN	(ND)|ND	.037	.0003|.00023
ENDRIN	(ND)|ND	.038	.00025|.00022
4,4'-DDD	(ND)|ND	.0031	.00034|.00036
ENDOSULFAN II	(ND)|ND	.025	.00046|.00044
4,4'-DDT	(ND)|ND	.0031	.00024|.00023
ENDRIN ALDEHYDE	(ND)|ND	.017	.00021|.00014
ENDOSULFAN SULFATE	(ND)|ND	.038	.00041|.00036
METHOXYCHLOR	(ND)|ND	.059	.00023|.0002
TOXAPHENE	(ND)|ND	.73	.0013|.0022

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	74|(86)	35-135
DECACHLOROBIPHENYL	(103)|91	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column

SW3550A/8081
PESTICIDES/PCBS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2750	Date Analyzed:	02/11/00 21:22
Lab Samp ID:	B015-09	Dilution Factor:	1
Lab File ID:	WB07144A	Matrix :	SOIL
Ext Btch ID:	CPB007S	% Moisture :	7.9
Calib. Ref.:	WB07135A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
ALPHA-BHC	(ND)|ND	.0021	.00044|.00037
GAMMA-BHC (LINDANE)	(ND)|ND	.022	.00034|.00044
BETA-BHC	(ND)|ND	.036	.00028|.00019
HEPTACHLOR	(ND)|.0012J	.022	.0004|.00042
DELTA-BHC	(ND)|ND	.012	.00024|.00023
ALDRIN	(ND)|ND	.016	.00026|.00021
HEPTACHLOR EPOXIDE	(ND)|ND	.023	.00032|.00032
GAMMA-CHLORDANE	(ND)|ND	.016	.00045|.0008
ALPHA-CHLORDANE	(ND)|ND	.016	.00065|.00042
ENDOSULFAN I	(ND)|ND	.023	.00051|.00046
4,4'-DDE	(ND)|ND	.046	.00049|.0005
DIELDRIN	(ND)|ND	.038	.00031|.00024
ENDRIN	(ND)|ND	.039	.00026|.00023
4,4'-DDD	(ND)|ND	.0033	.00035|.00037
ENDOSULFAN II	(ND)|ND	.026	.00048|.00046
4,4'-DDT	(ND)|ND	.0033	.00025|.00024
ENDRIN ALDEHYDE	(ND)|ND	.017	.00022|.00014
ENDOSULFAN SULFATE	(ND)|ND	.039	.00043|.00037
METHOXYCHLOR	(ND)|ND	.062	.00024|.00021
TOXAPHENE	(ND)|ND	.76	.0013|.0023

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	47|(52)	35-135
DECACHLOROBIPHENYL	(80)|69	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column

SW3550A/8081
PESTICIDES/PCBS

[redacted]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2751	Date Analyzed:	02/11/00 21:47
Lab Samp ID:	B015-10	Dilution Factor:	1
Lab File ID:	WB07145A	Matrix :	SOIL
Ext Btch ID:	CPB007S	% Moisture :	17.8
Calib. Ref.:	WB07135A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
ALPHA-BHC	(ND)|ND	.0023	.00049|.00041
GAMMA-BHC (LINDANE)	(ND)|ND	.024	.00038|.0005
BETA-BHC	(ND)|ND	.04	.00031|.00021
HEPTACHLOR	(ND)|.0017J	.024	.00044|.00047
DELTA-BHC	(ND)|ND	.013	.00027|.00025
ALDRIN	(ND)|ND	.018	.00029|.00023
HEPTACHLOR EPOXIDE	(ND)|ND	.026	.00036|.00036
GAMMA-CHLORDANE	(ND)|ND	.018	.0005|.0009
ALPHA-CHLORDANE	(ND)|ND	.018	.00073|.00047
ENDOSULFAN I	(ND)|ND	.026	.00058|.00052
4,4'-DDE	(ND)|ND	.051	.00055|.00056
DIELDRIN	(ND)|ND	.043	.00035|.00027
ENDRIN	(ND)|ND	.044	.00029|.00026
4,4'-DDD	(ND)|ND	.0036	.0004|.00042
ENDOSULFAN II	(ND)|ND	.029	.00054|.00052
4,4'-DDT	(ND)|ND	.0036	.00027|.00027
ENDRIN ALDEHYDE	(ND)|ND	.019	.00024|.00016
ENDOSULFAN SULFATE	(ND)|ND	.044	.00048|.00042
METHOXYCHLOR	(ND)|ND	.069	.00027|.00024
TOXAPHENE	(ND)|ND	.85	.0015|.0025

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	64|(75)	35-135
DECACHLOROBIPHENYL	(84)|73	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column

SW3550A/8081
PESTICIDES/PCBS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2752	Date Analyzed:	02/11/00 22:13
Lab Samp ID:	B015-11	Dilution Factor:	1
Lab File ID:	WB07146A	Matrix :	SOIL
Ext Btch ID:	CPB007S	% Moisture :	8.9
Calib. Ref.:	WB07135A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
ALPHA-BHC	(ND)|ND	.0021	.00044|.00037
GAMMA-BHC (LINDANE)	(ND)|ND	.022	.00035|.00045
BETA-BHC	(ND)|ND	.036	.00028|.00019
HEPTACHLOR	.0025J|(ND)	.022	.0004|.00043
DELTA-BHC	(ND)|ND	.012	.00024|.00023
ALDRIN	(ND)|ND	.016	.00026|.00021
HEPTACHLOR EPOXIDE	(ND)|ND	.023	.00032|.00033
GAMMA-CHLORDANE	(ND)|ND	.016	.00045|.00081
ALPHA-CHLORDANE	(ND)|ND	.016	.00066|.00043
ENDOSULFAN I	(ND)|ND	.023	.00052|.00047
4,4'-DDE	(ND)|ND	.046	.00049|.00051
DIELDRIN	(ND)|ND	.038	.00032|.00024
ENDRIN	(ND)|ND	.04	.00026|.00023
4,4'-DDD	(ND)|ND	.0033	.00036|.00038
ENDOSULFAN II	(ND)|ND	.026	.00049|.00047
4,4'-DDT	(ND)|ND	.0033	.00025|.00024
ENDRIN ALDEHYDE	(ND)|ND	.018	.00022|.00014
ENDOSULFAN SULFATE	(ND)|ND	.04	.00043|.00038
METHOXYCHLOR	(ND)|ND	.063	.00024|.00022
TOXAPHENE	(ND)|ND	.77	.0013|.0023

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	55|(59)	35-135
DECACHLOROBIPHENYL	(83)|73	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column

SW3550A/8081
PESTICIDES/PCBS

[illegible]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2753	Date Analyzed:	02/11/00 22:38
Lab Samp ID:	B015-12	Dilution Factor:	1
Lab File ID:	WB07147A	Matrix :	SOIL
Ext Btch ID:	CPB007S	% Moisture :	6.8
Calib. Ref.:	WB07135A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
ALPHA-BHC	(ND)|ND	.002	.00043|.00036
GAMMA-BHC (LINDANE)	(ND)|ND	.021	.00034|.00044
BETA-BHC	(ND)|ND	.035	.00027|.00019
HEPTACHLOR	.0034J|(.0012J)	.021	.00039|.00042
DELTA-BHC	(ND)|ND	.012	.00024|.00022
ALDRIN	(ND)|ND	.016	.00026|.00021
HEPTACHLOR EPOXIDE	(ND)|ND	.023	.00032|.00032
GAMMA-CHLORDANE	(ND)|ND	.016	.00044|.00079
ALPHA-CHLORDANE	(ND)|ND	.016	.00065|.00042
ENDOSULFAN I	(ND)|ND	.023	.00051|.00045
4,4'-DDE	(ND)|ND	.045	.00048|.0005
DIELDRIN	(ND)|ND	.038	.00031|.00023
ENDRIN	(ND)|ND	.039	.00025|.00023
4,4'-DDD	(ND)|ND	.0032	.00035|.00037
ENDOSULFAN II	(ND)|ND	.026	.00048|.00046
4,4'-DDT	(ND)|ND	.0032	.00024|.00024
ENDRIN ALDEHYDE	(ND)|ND	.017	.00021|.00014
ENDOSULFAN SULFATE	(ND)|ND	.039	.00042|.00037
METHOXYCHLOR	(ND)|ND	.061	.00024|.00021
TOXAPHENE	(ND)|ND	.75	.0013|.0022

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	57|(63)	35-135
DECACHLOROBIPHENYL	(82)|73	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column

SW3550A/8081
PESTICIDES/PCBS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2754	Date Analyzed:	02/11/00 23:03
Lab Samp ID:	B015-13	Dilution Factor:	1
Lab File ID:	WB07148A	Matrix :	SOIL
Ext Btch ID:	CPB007S	% Moisture :	7.6
Calib. Ref.:	WB07135A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
ALPHA-BHC	(ND) | ND	.0021	.00044 | .00037
GAMMA-BHC (LINDANE)	(ND) | ND	.022	.00034 | .00044
BETA-BHC	(ND) | ND	.036	.00028 | .00019
HEPTACHLOR	.0027J | (.0016J)	.022	.00039 | .00042
DELTA-BHC	(ND) | ND	.012	.00024 | .00023
ALDRIN	(ND) | ND	.016	.00026 | .00021
HEPTACHLOR EPOXIDE	(ND) | ND	.023	.00032 | .00032
GAMMA-CHLORDANE	(ND) | ND	.016	.00045 | .0008
ALPHA-CHLORDANE	(ND) | ND	.016	.00065 | .00042
ENDOSULFAN I	(ND) | ND	.023	.00051 | .00046
4,4'-DDE	(ND) | ND	.045	.00049 | .0005
DIELDRIN	(ND) | ND	.038	.00031 | .00024
ENDRIN	(ND) | ND	.039	.00026 | .00023
4,4'-DDD	(ND) | ND	.0032	.00035 | .00037
ENDOSULFAN II	(ND) | ND	.026	.00048 | .00046
4,4'-DDT	(ND) | ND	.0032	.00024 | .00024
ENDRIN ALDEHYDE	(ND) | ND	.017	.00022 | .00014
ENDOSULFAN SULFATE	(ND) | ND	.039	.00043 | .00037
METHOXYCHLOR	(ND) | ND	.062	.00024 | .00021
TOXAPHENE	(ND) | ND	.76	.0013 | .0022

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	60 | (69)	35-135
DECACHLOROBIPHENYL	(78) | 69	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column

SW3550A/8081
PESTICIDES/PCBS

[illegible]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[illegible]tch No.	: 00B015	Date Extracted:	02/07/00 20:00
[illegible]mple ID:	18609-2755	Date Analyzed:	02/11/00 23:29
[illegible]ab Samp ID:	B015-14	Dilution Factor:	1
Lab File ID:	WB07149A	Matrix :	SOIL
[illegible]t Btch ID:	CPB007S	% Moisture :	8.9
[illegible]lib. Ref.:	WB07135A	Instrument ID :	GCT016

[illegible]RAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
ALPHA-BHC	(ND)|ND	.0021	.00044|.00037
[illegible]MMA-BHC (LINDANE)	(ND)|ND	.022	.00035|.00045
[illegible]TA-BHC	(ND)|ND	.036	.00028|.00019
HEPTACHLOR	(ND)|.00086J	.022	.0004|.00043
DELTA-BHC	(ND)|ND	.012	.00024|.00023
[illegible]DRIN	(ND)|ND	.016	.00026|.00021
[illegible]PTACHLOR EPOXIDE	(ND)|ND	.023	.00032|.00033
GAMMA-CHLORDANE	(ND)|ND	.016	.00045|.00081
ALPHA-CHLORDANE	(ND)|ND	.016	.00066|.00043
[illegible]DOSULFAN I	(ND)|ND	.023	.00052|.00047
[illegible]4'-DDE	(ND)|ND	.046	.00049|.00051
DIELDRIN	(ND)|ND	.038	.00032|.00024
ENDRIN	(ND)|ND	.04	.00026|.00023
[illegible]4'-DDD	(ND)|ND	.0033	.00036|.00038
[illegible]DOSULFAN II	(ND)|ND	.026	.00049|.00047
4,4'-DDT	(ND)|ND	.0033	.00025|.00024
ENDRIN ALDEHYDE	(ND)|ND	.018	.00022|.00014
[illegible]FAN SULFATE	(ND)|ND	.04	.00043|.00038
[illegible]CHLOR	(ND)|ND	.063	.00024|.00022
TOXAPHENE	(ND)|ND	.77	.0013|.0023

[illegible]RROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	45|(54)	35-135
DECACHLOROBIPHENYL	(78)|69	25-143

[illegible]L: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column

SW3550A/8081
PESTICIDES/PCBS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2756	Date Analyzed:	02/11/00 23:54
Lab Samp ID:	B015-15	Dilution Factor:	1
Lab File ID:	WB07150A	Matrix :	SOIL
Ext Btch ID:	CPB007S	% Moisture :	17.2
Calib. Ref.:	WB07135A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
ALPHA-BHC	(ND)|ND	.0023	.00049|.00041
GAMMA-BHC (LINDANE)	(ND)|ND	.024	.00038|.00049
BETA-BHC	(ND)|ND	.04	.00031|.00021
HEPTACHLOR	(ND)|.0014J	.024	.00044|.00047
DELTA-BHC	(ND)|ND	.013	.00027|.00025
ALDRIN	(ND)|ND	.018	.00029|.00023
HEPTACHLOR EPOXIDE	(ND)|ND	.025	.00036|.00036
GAMMA-CHLORDANE	(ND)|ND	.018	.0005|.00089
ALPHA-CHLORDANE	(ND)|ND	.018	.00073|.00047
ENDOSULFAN I	(ND)|ND	.025	.00057|.00051
4,4'-DDE	(ND)|ND	.051	.00054|.00056
DIELDRIN	(ND)|ND	.042	.00035|.00026
ENDRIN	(ND)|ND	.043	.00029|.00026
4,4'-DDD	(ND)|ND	.0036	.00039|.00042
ENDOSULFAN II	(ND)|ND	.029	.00054|.00051
4,4'-DDT	(ND)|ND	.0036	.00027|.00027
ENDRIN ALDEHYDE	(ND)|ND	.019	.00024|.00016
ENDOSULFAN SULFATE	(ND)|ND	.043	.00048|.00041
METHOXYCHLOR	(ND)|ND	.069	.00027|.00024
TOXAPHENE	(ND)|ND	.85	.0015|.0025

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	42|(47)	35-135
DECACHLOROBIPHENYL	(75)|67	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column

SW3550A/8081
PESTICIDES/PCBS

[illegible]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2757	Date Analyzed:	02/12/00 00:20
Lab Samp ID:	B015-16	Dilution Factor:	1
Lab File ID:	WB07151A	Matrix :	SOIL
Ext Btch ID:	CPB007S	% Moisture :	28.1
Calib. Ref.:	WB07135A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
ALPHA-BHC	(ND)|ND	.0026	.00056|.00047
GAMMA-BHC (LINDANE)	(ND)|ND	.028	.00044|.00057
BETA-BHC	(ND)|ND	.046	.00036|.00024
HEPTACHLOR	(ND)|ND	.028	.00051|.00054
DELTA-BHC	(ND)|ND	.015	.00031|.00029
ALDRIN	(ND)|ND	.021	.00033|.00027
HEPTACHLOR EPOXIDE	(ND)|ND	.029	.00041|.00041
GAMMA-CHLORDANE	(ND)|ND	.021	.00057|.001
ALPHA-CHLORDANE	(ND)|ND	.021	.00084|.00054
ENDOSULFAN I	(ND)|ND	.029	.00066|.00059
4,4'-DDE	(ND)|ND	.058	.00062|.00064
DIELDRIN	(ND)|ND	.049	.0004|.0003
ENDRIN	(ND)|ND	.05	.00033|.0003
4,4'-DDD	(ND)|ND	.0042	.00045|.00048
ENDOSULFAN II	(ND)|ND	.033	.00062|.00059
4,4'-DDT	(ND)|ND	.0042	.00031|.00031
ENDRIN ALDEHYDE	(ND)|ND	.022	.00028|.00018
ENDOSULFAN SULFATE	(ND)|ND	.05	.00055|.00048
METHOXYCHLOR	(ND)|ND	.079	.00031|.00027
TOXAPHENE	(ND)|ND	.97	.0017|.0029

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	50|(59)	35-135
DECACHLOROBIPHENYL	(79)|72	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column

SW3550A/8081
PESTICIDES/PCBS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2758	Date Analyzed:	02/10/00 16:23
Lab Samp ID:	B015-17	Dilution Factor:	1
Lab File ID:	WB07086A	Matrix :	SOIL
Ext Btch ID:	CPB009S	% Moisture :	6.5
Calib. Ref.:	WB07076A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
ALPHA-BHC	(ND)|ND	.002	.00043|.00036
GAMMA-BHC (LINDANE)	(ND)|ND	.021	.00034|.00044
BETA-BHC	(ND)|ND	.035	.00027|.00019
HEPTACHLOR	(ND)|ND	.021	.00039|.00042
DELTA-BHC	(ND)|ND	.012	.00024|.00022
ALDRIN	(ND)|ND	.016	.00026|.00021
HEPTACHLOR EPOXIDE	(ND)|ND	.022	.00031|.00032
GAMMA-CHLORDANE	(ND)|ND	.016	.00044|.00079
ALPHA-CHLORDANE	(ND)|ND	.016	.00064|.00041
ENDOSULFAN I	(ND)|ND	.022	.00051|.00045
4,4'-DDE	.00099J|(.001J)	.045	.00048|.00049
DIELDRIN	(ND)|ND	.037	.00031|.00023
ENDRIN	(ND)|ND	.039	.00025|.00023
4,4'-DDD	(ND)|ND	.0032	.00035|.00037
ENDOSULFAN II	(ND)|ND	.026	.00048|.00045
4,4'-DDT	(ND)|ND	.0032	.00024|.00024
ENDRIN ALDEHYDE	(ND)|ND	.017	.00021|.00014
ENDOSULFAN SULFATE	(ND)|ND	.039	.00042|.00037
METHOXYCHLOR	(ND)|ND	.061	.00024|.00021
TOXAPHENE	(ND)|ND	.75	.0013|.0022

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	41|(49)	35-135
DECACHLOROBIPHENYL	(70)|60	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column

SW3550A/8081
PESTICIDES/PCBS

[redacted]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[redacted]tch No.	: 00B015	Date Extracted:	02/07/00 20:00
[redacted]mple ID	: 18609-2759	Date Analyzed:	02/10/00 16:49
[redacted]ab Samp ID	: B015-18	Dilution Factor:	1
Lab File ID	: WB07087A	Matrix	: SOIL
[redacted]t Btch ID	: CPB009S	% Moisture	: 1.8
[redacted]lib. Ref.	: WB07076A	Instrument ID	: GCT016

[redacted]RAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
ALPHA-BHC	(ND)|ND	.0019	.00041|.00035
[redacted]MMA-BHC (LINDANE)	(ND)|ND	.02	.00032|.00041
[redacted]TA-BHC	(ND)|ND	.034	.00026|.00018
HEPTACHLOR	.0025J|(.0012J)	.02	.00037|.0004
DELTA-BHC	(ND)|ND	.011	.00023|.00021
[redacted]DRIN	(ND)|ND	.015	.00024|.0002
[redacted]PTACHLOR EPOXIDE	(ND)|ND	.021	.0003|.0003
GAMMA-CHLORDANE	(ND)|ND	.015	.00042|.00075
ALPHA-CHLORDANE	(ND)|ND	.015	.00061|.0004
[redacted]DOSULFAN I	(ND)|ND	.021	.00048|.00043
[redacted]'-DDE	(ND)|ND	.043	.00046|.00047
DIELDRIN	(ND)|ND	.036	.00029|.00022
ENDRIN	(ND)|ND	.037	.00024|.00022
[redacted]'-DDD	(ND)|ND	.0031	.00033|.00035
[redacted]DOSULFAN II	(ND)|ND	.024	.00045|.00043
4,4'-DDT	(ND)|ND	.0031	.00023|.00023
ENDRIN ALDEHYDE	(ND)|ND	.016	.0002|.00013
[redacted]AN SULFATE	(ND)|ND	.037	.0004|.00035
[redacted]HLOR	(ND)|ND	.058	.00023|.0002
TOXAPHENE	(ND)|ND	.71	.0012|.0021

[redacted]ROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	63|(70)	35-135
DECACHLOROBIPHENYL	(86)|72	25-143

[redacted]: *Practical Quantitation Limit*
Left of | is related to first column ; Right of | related to second column
(.) included the reported column

SW3550A/8081
PESTICIDES/PCBS

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2760	Date Analyzed:	02/10/00 17:15
Lab Samp ID:	B015-19	Dilution Factor:	1
Lab File ID:	WB07088A	Matrix :	SOIL
Ext Btch ID:	CPB009S	% Moisture :	5.7
Calib. Ref.:	WB07076A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
ALPHA-BHC	(ND)|ND	.002	.00043|.00036
GAMMA-BHC (LINDANE)	(ND)|ND	.021	.00033|.00043
BETA-BHC	(ND)|ND	.035	.00027|.00018
HEPTACHLOR	(ND)|ND	.021	.00039|.00041
DELTA-BHC	(ND)|ND	.012	.00024|.00022
ALDRIN	(ND)|ND	.016	.00025|.0002
HEPTACHLOR EPOXIDE	(ND)|ND	.022	.00031|.00031
GAMMA-CHLORDANE	(ND)|ND	.016	.00044|.00078
ALPHA-CHLORDANE	(ND)|ND	.016	.00064|.00041
ENDOSULFAN I	(ND)|ND	.022	.0005|.00045
4,4'-DDE	(ND)|ND	.045	.00048|.00049
DIELDRIN	(ND)|ND	.037	.0003|.00023
ENDRIN	(ND)|ND	.038	.00025|.00023
4,4'-DDD	(ND)|ND	.0032	.00035|.00037
ENDOSULFAN II	(ND)|ND	.025	.00047|.00045
4,4'-DDT	(ND)|ND	.0032	.00024|.00024
ENDRIN ALDEHYDE	(ND)|ND	.017	.00021|.00014
ENDOSULFAN SULFATE	(ND)|ND	.038	.00042|.00036
METHOXYCHLOR	(ND)|ND	.06	.00024|.00021
TOXAPHENE	(ND)|ND	.74	.0013|.0022

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	54|(66)	35-135
DECACHLOROBIPHENYL	(77)|65	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column

SW3550A/8081
PESTICIDES/PCBS

[illegible]	: IT CORPORATION	Date Collected:	NA
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/07/00
[illegible]tch No.	: 00B015	Date Extracted:	02/07/00 20:00
[illegible]mple ID:	MBLK1S	Date Analyzed:	02/11/00 02:14
Lab Samp ID:	CPB007SB	Dilution Factor:	1
Lab File ID:	WB07107A	Matrix :	SOIL
[illegible]t Btch ID:	CPB007S	% Moisture :	NA
[illegible]lib. Ref.:	WB07093A	Instrument ID :	GCT016

[illegible]RAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
ALPHA-BHC	(ND)|ND	.0019	.0004|.00034
[illegible]MMA-BHC (LINDANE)	(ND)|ND	.02	.00032|.00041
[illegible]TA-BHC	(ND)|ND	.033	.00026|.00017
HEPTACHLOR	(ND)|ND	.02	.00036|.00039
DELTA-BHC	(ND)|ND	.011	.00022|.00021
[illegible]DRIN	(ND)|ND	.015	.00024|.00019
[illegible]PTACHLOR EPOXIDE	(ND)|ND	.021	.00029|.0003
GAMMA-CHLORDANE	(ND)|ND	.015	.00041|.00074
ALPHA-CHLORDANE	(ND)|ND	.015	.0006|.00039
[illegible]DOSULFAN I	(ND)|ND	.021	.00047|.00042
[illegible]4'-DDE	(ND)|ND	.042	.00045|.00046
DIELDRIN	(ND)|ND	.035	.00029|.00022
ENDRIN	(ND)|ND	.036	.00024|.00021
[illegible]4'-DDD	(ND)|ND	.003	.00033|.00035
[illegible]DOSULFAN II	(ND)|ND	.024	.00045|.00042
4,4'-DDT	(ND)|ND	.003	.00023|.00022
ENDRIN ALDEHYDE	(ND)|ND	.016	.0002|.00013
[illegible]FAN SULFATE	(ND)|ND	.036	.00039|.00034
[illegible]CHLOR	(ND)|ND	.057	.00022|.0002
TOXAPHENE	(ND)|ND	.7	.0012|.0021

[illegible]RROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	85|(91)	35-135
DECACHLOROBIPHENYL	(89)|85	25-143

[illegible]L: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
([illegible]) included the reported column

SW3550A/8081
PESTICIDES/PCBS

Client	: IT CORPORATION	Date Collected:	NA
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/07/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	MBLK2S	Date Analyzed:	02/10/00 13:51
Lab Samp ID:	CPB009SB	Dilution Factor:	1
Lab File ID:	WB07080A	Matrix :	SOIL
Ext Btch ID:	CPB009S	% Moisture :	NA
Calib. Ref.:	WB07076A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
ALPHA-BHC	(ND)|ND	.0019	.0004|.00034
GAMMA-BHC (LINDANE)	(ND)|ND	.02	.00032|.00041
BETA-BHC	(ND)|ND	.033	.00026|.00017
HEPTACHLOR	(ND)|ND	.02	.00036|.00039
DELTA-BHC	(ND)|ND	.011	.00022|.00021
ALDRIN	(ND)|ND	.015	.00024|.00019
HEPTACHLOR EPOXIDE	(ND)|ND	.021	.00029|.0003
GAMMA-CHLORDANE	(ND)|ND	.015	.00041|.00074
ALPHA-CHLORDANE	(ND)|ND	.015	.0006|.00039
ENDOSULFAN I	(ND)|ND	.021	.00047|.00042
4,4'-DDE	(ND)|ND	.042	.00045|.00046
DIELDRIN	(ND)|ND	.035	.00029|.00022
ENDRIN	(ND)|ND	.036	.00024|.00021
4,4'-DDD	(ND)|ND	.003	.00033|.00035
ENDOSULFAN II	(ND)|ND	.024	.00045|.00042
4,4'-DDT	(ND)|ND	.003	.00023|.00022
ENDRIN ALDEHYDE	(ND)|ND	.016	.0002|.00013
ENDOSULFAN SULFATE	(ND)|ND	.036	.00039|.00034
METHOXYCHLOR	(ND)|ND	.057	.00022|.0002
TOXAPHENE	(ND)|ND	.7	.0012|.0021

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	82|(86)	35-135
DECACHLOROBIPHENYL	(89)|74	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column

EMAX QUALITY CONTROL DATA
LCS ANALYSIS

T: IT CORPORATION
CT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
METHOD: SW3550A/8081

MATRIX: SOIL % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MBLK1S
LAB SAMP ID: CPB007SB CPB007SL
LAB FILE ID: WB07107A WB07108A
DATE EXTRACTED: 02/07/0020:00 02/07/0020:00 DATE COLLECTED: NA
DATE ANALYZED: 02/11/0002:14 02/11/0002:39 DATE RECEIVED: 02/07/00
PREP. BATCH: CPB007S CPB007S
CALIB. REF: WB07093A WB07093A

ACCESSION:

PARAMETER	BLNK RSLT (mg/kg)	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
gamma-BHC (Lindane)	(ND)|ND	.00667	.00676J|(.00718J)	101|(108)	33-130
Heptachlor	(ND)|ND	.00667	.00678J|(.0076J)	102|(114)	35-138
Aldrin	(ND)|ND	.00667	.00653J|(.00674J)	98|(101)	37-126
Dieldrin	(ND)|ND	.0133	.0145J|(.0147J)	109|(110)	32-142
Endrin	(ND)|ND	.0133	.0143J|(.0158J)	107|(119)	33-144
4,4'-DDT	(ND)|ND	.0133	(.0136)|.0127	(102)|95	25-153

ATE PARAMETER	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
Tetrachloro-m-xylene	.0133	.0113|(.0119)	84|(89)	35-133
ecachlorobiphenyl	.0133	(.0117)|.0111	(88)|84	25-143

EMAX QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
METHOD: SW3550A/8081

MATRIX: SOIL % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MBLK2S
LAB SAMP ID: CPB009SB CPB009SL
LAB FILE ID: WB07080A WB07081A
DATE EXTRACTED: 02/07/0020:00 02/07/0020:00 DATE COLLECTED: NA
DATE ANALYZED: 02/10/0013:51 02/10/0014:16 DATE RECEIVED: 02/07/00
PREP. BATCH: CPB009S CPB009S
CALIB. REF: WB07076A WB07076A

ACCESSION:

PARAMETER	BLNK RSLT (mg/kg)	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
gamma-BHC (Lindane)	(ND)|ND	.00667	.00672J|(.00705J)	101|(106)	33-130
Heptachlor	(ND)|ND	.00667	.00697J|(.00739J)	104|(111)	35-138
Aldrin	(ND)|ND	.00667	(.00644J)|.00626J	(97)|94	37-126
Dieldrin	(ND)|ND	.0133	.0144J|(.0147J)	108|(110)	32-142
Endrin	(ND)|ND	.0133	.0158J|(.0166J)	119|(125)	33-144
4,4'-DDT	(ND)|ND	.0133	.0153|(.0155)	115|(116)	25-153

SURROGATE PARAMETER	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
Tetrachloro-m-xylene	.0133	.0107|(.0113)	80|(85)	35-133
Decachlorobiphenyl	.0133	(.0112)|.00918	(84)|69	25-143

EMAX QUALITY CONTR A
LCS/LCD ANALYSI

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
METHOD: SW3520B/8081

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1
SAMPLE ID:	MBLK1W		
LAB SAMP ID:	CPB005WB	CPB005WL	CPB005WC
LAB FILE ID:	WB07032A	WB07033A	WB07034A
DATE EXTRACTED:	02/05/0018:30	02/05/0018:30	02/05/0018:30
DATE ANALYZED:	02/08/0022:04	02/08/0022:29	02/08/0022:55
PREP. BATCH:	CPB005W	CPB005W	CPB005W
CALIB. REF:	WB07028A	WB07028A	WB07028A

DATE COLLECTED: NA
DATE RECEIVED: 02/05/00

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
gamma-BHC (Lindane)	(ND) | ND	.2	.177J | (.19J)	88 | (95)	.2	.176J | (.186J)	88 | (93)	1 | (2)	43-125	30
Heptachlor	(ND) | ND	.2	(.217J) | .197J	(108) | 98	.2	(.207J) | .196J	(104) | 98	(5) | 1	45-128	30
Aldrin	(ND) | ND	.2	(.186) | .177	(93) | 88	.2	.18 | (.184)	90 | (92)	3 | (4)	47-125	30
Dieldrin	(ND) | ND	.4	.443 | (.462)	111 | (116)	.4	.424J | (.439J)	106 | (110)	4 | (5)	42-132	30
Endrin	(ND) | ND	.4	.46 | (.486)	115 | (122)	.4	.445 | (.471)	111 | (118)	3 | (3)	43-134	30
4,4'-DDT	(ND) | ND	.4	(.507) | .475	(127) | 119	.4	(.505) | .455	(126) | 114	(0) | 4	34-143	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
Tetrachloro-m-xylene	.2	.144 | (.149)	72 | (74)	.2	.161 | (.164)	80 | (82)	45-125
Decachlorobiphenyl	.2	(.216) | .215	108 | (107)	.2	(.224) | .222	112 | (111)	34-133

5319

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
METHOD: SW3550A/8081

MATRIX: SOIL % MOISTURE: 4.2

DILUTION FACTOR:	1	1	1
SAMPLE ID:	18609-2744		
LAB SAMP ID:	B015-03	B015-03M	B015-03S
LAB FILE ID:	WB07112A	WB07113A	WB07114A
DATE EXTRACTED:	02/07/0020:00	02/07/0020:00	02/07/0020:00
DATE ANALYZED:	02/11/0004:21	02/11/0004:46	02/11/0005:12
PREP. BATCH:	CPB007S	CPB007S	CPB007S
CALIB. REF:	WB07093A	WB07093A	WB07093A

DATE COLLECTED: 02/02/00
DATE RECEIVED: 02/03/00

ACCESSION:

PARAMETER	SMPL RSLT (mg/kg)	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
gamma-BHC (Lindane)	(ND) | ND	.00696	.0056J | (.0062J)	80 | (89)	.00696	.006J | (.0062J)	86 | (89)	7 | (0)	33-130	50
Heptachlor	(ND) | ND	.00696	(.008J) | .0074J	(115) | 106	.00696	.0069J | (.0075J)	99 | (108)	15 | (1)	35-138	50
Aldrin	(ND) | ND	.00696	(.0073J) | .006J	(105) | 86	.00696	(.0071J) | .006J	(102) | 86	(3) | 0	37-126	50
Dieldrin	(ND) | ND	.0139	(.013J) | .013J	(93) | 93	.0139	(.013J) | .013J	(93) | 93	(0) | 0	32-142	50
Endrin	(ND) | ND	.0139	(.015J) | .015J	(108) | 108	.0139	(.015J) | .015J	(108) | 108	(0) | 0	33-144	50
4,4'-DDT	(ND) | ND	.0139	(.016) | .015	(115) | 108	.0139	(.016) | .015	(115) | 108	(0) | 0	25-153	50

SURROGATE PARAMETER	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	QC LIMIT (%)
Tetrachloro-m-xylene	.0139	.009 | (.011)	65 | (76)	.0139	.009 | (.01)	65 | (75)	35-133
Decachlorobiphenyl	.0139	(.011) | .011	(80) | 78	.0139	(.011) | .011	(80) | 77	25-143

5320

EMAX QUALITY CONTR[illegible]A
MS/MSD ANALYS[illegible]

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
METHOD: SW3550A/8081

MATRIX:	SOIL			% MOISTURE:	2.4
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	18609-2771				
LAB SAMP ID:	B015-30	B015-30M	B015-30S		
LAB FILE ID:	WB07101A	WB07102A	WB07103A		
DATE EXTRACTED:	02/07/0020:00	02/07/0020:00	02/07/0020:00	DATE COLLECTED:	02/02/00
DATE ANALYZED:	02/10/0023:41	02/11/0000:07	02/11/0000:32	DATE RECEIVED:	02/03/00
PREP. BATCH:	CPB009S	CPB009S	CPB009S		
CALIB. REF:	WB07093A	WB07093A	WB07093A		

ACCESSION:

PARAMETER	SMPL RSLT (mg/kg)	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
gamma-BHC (Lindane)	(ND) | ND	.00683	.0058J | (.0062J)	85 | (91)	.00683	.0059J | (.0063J)	86 | (92)	2 | (2)	33-130	50
Heptachlor	(ND) | ND	.00683	.0074J | (.0085J)	108 | (124)	.00683	.0076J | (.0086J)	111 | (126)	3 | (1)	35-138	50
Aldrin	(ND) | ND	.00683	(.0062J) | .0062J	(91) | 91	.00683	(.0065J) | .0063J	(95) | 92	(5) | 2	37-126	50
Dieldrin	(ND) | ND	.0137	.013J | (.014J)	95 | (103)	.0137	(.014J) | .014J	(103) | 103	(7) | 0	32-142	50
Endrin	(ND) | ND	.0137	(.016J) | .016J	(117) | 117	.0137	(.016J) | .016J	(117) | 117	(0) | 0	33-144	50
4,4'-DDT	(ND) | ND	.0137	(.016) | .015	(117) | 110	.0137	(.017) | .015	(124) | 110	(6) | 0	25-153	50

SURROGATE PARAMETER	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	QC LIMIT (%)
Tetrachloro-m-xylene	.0137	.009 | (.0099)	66 | (73)	.0137	.0091 | (.01)	67 | (74)	35-133
Decachlorobiphenyl	.0137	(.012) | .011	(87) | 77	.0137	(.012) | .011	(88) | 78	25-143

5321

CASE NARRATIVE

CLIENT: **IT CORPORATION**

PROJECT: **MCAS EL TORO/18609/D.O. 70**

SDG: **00B015**

POLYCHLORINATED BIPHENYLS (PCBs)

Thirty (30) soil and one (1) water samples were received on 02/03/00 to be analyzed for PCB by Method 8082 in accordance with USEPA SW846.

1. Holding Time

   Samples were extracted and analyzed within holding time.

2. Surrogate Recovery

   All surrogate recoveries were within QC limits.

3. Matrix Spike/Matrix Spike Duplicate

   Recoveries were within QC limits.

4. Lab Control Sample/Lab Control Sample Duplicate

   All recoveries were within QC limit.

5. Method Blank

   Method blanks were free of contamination.

6. Instrument Performance and Calibration

   Initial calibration was at five-point for PCB-1016 and PCB-1260, the RSD were all within QC limit. Continue calibration was done at 20 samples interval. All %D in quantitative column were within QC limit.

7. Sample Analysis

   Sample analyses were done within QC requirement. All requirements were met.

SW3550B/8082
PCBs

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2742	Date Analyzed:	02/11/00 03:30
Lab Samp ID:	B015-01	Dilution Factor:	1
Data File ID:	WB07110A	Matrix :	SOIL
Prep Btch ID:	CPB007S	% Moisture :	8.4
Calib. Ref.:	WB07096A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
PCB-1016	(ND)|ND	.76	.0088|.0078
PCB-1221	(ND)|ND	.76	.036|.041
PCB-1232	(ND)|ND	.76	.015|.014
PCB-1242	(ND)|ND	.76	.03|.035
PCB-1248	(ND)|ND	.76	.038|.042
PCB-1254	(ND)|ND	.76	.0062|.0066
PCB-1260	(ND)|ND	.76	.0068|.0097

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	64|(75)	35-135
DECACHLOROBIPHENYL	(82)|79	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) Included the reported column
* Out side of QC Limit

SW3550B/8082
PCBs

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2743	Date Analyzed:	02/11/00 03:55
Lab Samp ID:	B015-02	Dilution Factor:	1
Lab File ID:	WB07111A	Matrix :	SOIL
Ext Btch ID:	CPB007S	% Moisture :	14.3
Calib. Ref.:	WB07096A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
PCB-1016	(ND)|ND	.82	.0094|.0084
PCB-1221	(ND)|ND	.82	.039|.043
PCB-1232	(ND)|ND	.82	.016|.015
PCB-1242	(ND)|ND	.82	.032|.037
PCB-1248	(ND)|ND	.82	.041|.045
PCB-1254	(ND)|ND	.82	.0067|.007
PCB-1260	(ND)|ND	.82	.0073|.01

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	62|(71)	35-135
DECACHLOROBIPHENYL	(81)|78	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column
* Out side of QC Limit

SW3550B/8082
PCBs

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2744	Date Analyzed:	02/11/00 04:21
Lab Samp ID:	B015-03	Dilution Factor:	1
Lab File ID:	WB07112A	Matrix :	SOIL
Ext Btch ID:	CPB007S	% Moisture :	4.2
Calib. Ref.:	WB07096A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
PCB-1016	(ND)|ND	.73	.0084|.0075
PCB-1221	(ND)|ND	.73	.035|.039
PCB-1232	(ND)|ND	.73	.014|.014
PCB-1242	(ND)|ND	.73	.028|.033
PCB-1248	(ND)|ND	.73	.037|.041
PCB-1254	(ND)|ND	.73	.0059|.0063
PCB-1260	(ND)|ND	.73	.0065|.0093

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	54|(65)	35-135
DECACHLOROBIPHENYL	(83)|79	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) Excluded the reported column
( ) Out side of QC Limit

SW3550B/8082
PCBs

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2745	Date Analyzed:	02/11/00 19:14
Lab Samp ID:	B015-04	Dilution Factor:	1
Lab File ID:	WB07139A	Matrix :	SOIL
Ext Btch ID:	CPB007S	% Moisture :	5.3
Calib. Ref.:	WB07138A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
PCB-1016	(ND)|ND	.74	.0085|.0076
PCB-1221	(ND)|ND	.74	.035|.039
PCB-1232	(ND)|ND	.74	.015|.014
PCB-1242	(ND)|ND	.74	.029|.034
PCB-1248	(ND)|ND	.74	.037|.041
PCB-1254	(ND)|ND	.74	.006|.0064
PCB-1260	(ND)|ND	.74	.0066|.0094

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	50|(60)	35-135
DECACHLOROBIPHENYL	(78)|65	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column
* Out side of QC Limit

SW35508/8082
PCBs

C[illegible]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[illegible]tch No.	: 00B015	Date Extracted:	02/07/00 20:00
[illegible]mple ID:	18609-2746	Date Analyzed:	02/11/00 19:40
Lab Samp ID:	B015-05	Dilution Factor:	1
Lab File ID:	WB07140A	Matrix :	SOIL
[illegible] Btch ID:	CPB007S	% Moisture :	7.4
[illegible]ib. Ref.:	WB07138A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
[illegible]-1016	(ND)|ND	.76	.0087|.0077
[illegible]-1221	(ND)|ND	.76	.036|.04
PCB-1232	(ND)|ND	.76	.015|.014
PCB-1242	(ND)|ND	.76	.029|.034
[illegible]-1248	(ND)|ND	.76	.038|.042
[illegible]-1254	(ND)|ND	.76	.0062|.0065
PCB-1260	(ND)|ND	.76	.0067|.0096

S[illegible]ROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	57|(61)	35-135
D[illegible]ACHLOROBIPHENYL	(78)|66	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
C[illegible]uded the reported column
[illegible]side of QC Limit

SW3550B/8082
PCBs

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2747	Date Analyzed:	02/11/00 20:05
Lab Samp ID:	B015-06	Dilution Factor:	1
Lab File ID:	WB07141A	Matrix :	SOIL
Ext Btch ID:	CPB007S	% Moisture :	17.9
Calib. Ref.:	WB07138A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
PCB-1016	(ND)|ND	.85	.0098|.0087
PCB-1221	(ND)|ND	.85	.04|.045
PCB-1232	(ND)|ND	.85	.017|.016
PCB-1242	(ND)|ND	.85	.033|.039
PCB-1248	(ND)|ND	.85	.043|.047
PCB-1254	(ND)|ND	.85	.0069|.0073
PCB-1260	(ND)|ND	.85	.0076|.011

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	57|(71)	35-135
DECACHLOROBIPHENYL	(83)|72	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column
* Out side of QC Limit

SW3550B/8082
PCBs

[illegible]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[illegible]tch No.	: 00B015	Date Extracted:	02/07/00 20:00
[illegible]mple ID:	18609-2748	Date Analyzed:	02/11/00 20:31
Lab Samp ID:	B015-07	Dilution Factor:	1
Lab File ID:	WB07142A	Matrix :	SOIL
[illegible]t Btch ID:	CPB007S	% Moisture :	12.2
[illegible]lib. Ref.:	WB07138A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
[illegible]B-1016	(ND)|ND	.8	.0092|.0082
[illegible]B-1221	(ND)|ND	.8	.038|.042
PCB-1232	(ND)|ND	.8	.016|.015
PCB-1242	(ND)|ND	.8	.031|.036
[illegible]B-1248	(ND)|ND	.8	.04|.044
[illegible]B-1254	(ND)|ND	.8	.0065|.0069
PCB-1260	(ND)|ND	.8	.0071|.01

[illegible]RROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	50|(59)	35-135
[illegible]CACHLOROBIPHENYL	(80)|69	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
[illegible]uded the reported column
[illegible] side of QC Limit

SW3550B/8082
PCBs

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2749	Date Analyzed:	02/11/00 20:56
Lab Samp ID:	B015-08	Dilution Factor:	1
Lab File ID:	WB07143A	Matrix :	SOIL
Ext Btch ID:	CPB007S	% Moisture :	4.2
Calib. Ref.:	WB07138A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
PCB-1016	(ND)|ND	.73	.0084|.0075
PCB-1221	(ND)|ND	.73	.035|.039
PCB-1232	(ND)|ND	.73	.014|.014
PCB-1242	(ND)|ND	.73	.028|.033
PCB-1248	(ND)|ND	.73	.037|.041
PCB-1254	(ND)|ND	.73	.0059|.0063
PCB-1260	(ND)|ND	.73	.0065|.0093

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	74|(86)	35-135
DECACHLOROBIPHENYL	(103)|91	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column
* Out side of QC Limit

SW3550B/8082
PCBs

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2750	Date Analyzed:	02/11/00 21:22
Lab Samp ID:	B015-09	Dilution Factor:	1
Lab File ID:	WB07144A	Matrix :	SOIL
Prep Btch ID:	CPB007S	% Moisture :	7.9
Calib. Ref.:	WB07138A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
PCB-1016	(ND)|ND	.76	.0088|.0078
PCB-1221	(ND)|ND	.76	.036|.04
PCB-1232	(ND)|ND	.76	.015|.014
PCB-1242	(ND)|ND	.76	.03|.035
PCB-1248	(ND)|ND	.76	.038|.042
PCB-1254	(ND)|ND	.76	.0062|.0065
PCB-1260	(ND)|ND	.76	.0068|.0097

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	47|(52)	35-135
DECACHLOROBIPHENYL	(80)|69	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
() Excluded the reported column
[] Outside side of QC Limit

SW3550B/8082
PCBs

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2751	Date Analyzed:	02/11/00 21:47
Lab Samp ID:	B015-10	Dilution Factor:	1
Lab File ID:	WB07145A	Matrix :	SOIL
Ext Btch ID:	CPB007S	% Moisture :	17.8
Calib. Ref.:	WB07138A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
PCB-1016	(ND)|ND	.85	.0098|.0087
PCB-1221	(ND)|ND	.85	.04|.045
PCB-1232	(ND)|ND	.85	.017|.016
PCB-1242	(ND)|ND	.85	.033|.039
PCB-1248	(ND)|ND	.85	.043|.047
PCB-1254	(ND)|ND	.85	.0069|.0073
PCB-1260	(ND)|ND	.85	.0076|.011

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	64|(75)	35-135
DECACHLOROBIPHENYL	(84)|73	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column
* Out side of QC Limit

SW3550B/8082
PCBs

C[illegible]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[illegible]tch No.	: 00B015	Date Extracted:	02/07/00 20:00
[illegible]mple ID:	18609-2752	Date Analyzed:	02/11/00 22:13
Lab Samp ID:	B015-11	Dilution Factor:	1
[illegible]b File ID:	WB07146A	Matrix :	SOIL
[illegible] Btch ID:	CPB007S	% Moisture :	8.9
[illegible]ib. Ref.:	WB07138A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
[illegible]B-1016	(ND)|ND	.77	.0089|.0079
[illegible]B-1221	(ND)|ND	.77	.036|.041
PCB-1232	(ND)|ND	.77	.015|.014
PCB-1242	(ND)|ND	.77	.03|.035
[illegible]-1248	(ND)|ND	.77	.038|.043
[illegible]-1254	(ND)|ND	.77	.0063|.0066
PCB-1260	(ND)|ND	.77	.0068|.0098

[illegible]ROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	55|(59)	35-135
D[illegible]ACHLOROBIPHENYL	(83)|73	25-143

PQL: Practical Quantitation Limit
L[illegible] | is related to first column ; Right of | related to second column
[illegible]uded the reported column
[illegible]side of QC Limit

SW3550B/8082
PCBs

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2753	Date Analyzed:	02/11/00 22:38
Lab Samp ID:	B015-12	Dilution Factor:	1
Lab File ID:	WB07147A	Matrix :	SOIL
Ext Btch ID:	CPB007S	% Moisture :	6.8
Calib. Ref.:	WB07138A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
PCB-1016	(ND)|ND	.75	.0087|.0077
PCB-1221	(ND)|ND	.75	.036|.04
PCB-1232	(ND)|ND	.75	.015|.014
PCB-1242	(ND)|ND	.75	.029|.034
PCB-1248	(ND)|ND	.75	.038|.042
PCB-1254	(ND)|ND	.75	.0061|.0065
PCB-1260	(ND)|ND	.75	.0067|.0096

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	57|(63)	35-135
DECACHLOROBIPHENYL	(82)|73	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column
* Out side of QC Limit

SW3550B/8082
PCBs

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2754	Date Analyzed:	02/11/00 23:03
Lab Samp ID:	B015-13	Dilution Factor:	1
Lab File ID:	WB07148A	Matrix :	SOIL
Prep Btch ID:	CPB007S	% Moisture :	7.6
Calib. Ref.:	WB07138A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
PCB-1016	(ND)|ND	.76	.0087|.0078
PCB-1221	(ND)|ND	.76	.036|.04
PCB-1232	(ND)|ND	.76	.015|.014
PCB-1242	(ND)|ND	.76	.029|.034
PCB-1248	(ND)|ND	.76	.038|.042
PCB-1254	(ND)|ND	.76	.0062|.0065
PCB-1260	(ND)|ND	.76	.0068|.0097

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	60|(69)	35-135
DECACHLOROBIPHENYL	(78)|69	25-143

PQL: Practical Quantitation Limit
( ) | is related to first column ; Right of | related to second column
( ) included the reported column
* Out side of QC Limit

SW3550B/8082
PCBs

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2755	Date Analyzed:	02/11/00 23:29
Lab Samp ID:	B015-14	Dilution Factor:	1
Lab File ID:	WB07149A	Matrix :	SOIL
Ext Btch ID:	CPB007S	% Moisture :	8.9
Calib. Ref.:	WB07138A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
PCB-1016	(ND)|ND	.77	.0089|.0079
PCB-1221	(ND)|ND	.77	.036|.041
PCB-1232	(ND)|ND	.77	.015|.014
PCB-1242	(ND)|ND	.77	.03|.035
PCB-1248	(ND)|ND	.77	.038|.043
PCB-1254	(ND)|ND	.77	.0063|.0066
PCB-1260	(ND)|ND	.77	.0068|.0098

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	45|(54)	35-135
DECACHLOROBIPHENYL	(78)|69	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column
* Out side of QC Limit

SW3550B/8082
PCBs

C[illegible]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[illegible]tch No.	: 00B015	Date Extracted:	02/07/00 20:00
[illegible]mple ID:	18609-2756	Date Analyzed:	02/11/00 23:54
Lab Samp ID:	B015-15	Dilution Factor:	1
[illegible]b File ID:	WB07150A	Matrix :	SOIL
[illegible]t Btch ID:	CPB007S	% Moisture :	17.2
[illegible]ib. Ref.:	WB07138A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
[illegible]B-1016	(ND)|ND	.85	.0097|.0087
[illegible]B-1221	(ND)|ND	.85	.04|.045
PCB-1232	(ND)|ND	.85	.017|.016
[illegible]B-1242	(ND)|ND	.85	.033|.038
[illegible]B-1248	(ND)|ND	.85	.042|.047
[illegible]B-1254	(ND)|ND	.85	.0069|.0073
PCB-1260	(ND)|ND	.85	.0075|.011

[illegible]RROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	42|(47)	35-135
[illegible]CACHLOROBIPHENYL	(75)|67	25-143

PQL: Practical Quantitation Limit
[illegible] | is related to first column ; Right of | related to second column
[illegible]uded the reported column
[illegible] side of QC Limit

SW3550B/8082
PCBs

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2757	Date Analyzed:	02/12/00 00:20
Lab Samp ID:	B015-16	Dilution Factor:	1
Lab File ID:	WB07151A	Matrix :	SOIL
Ext Btch ID:	CPB007S	% Moisture :	28.1
Calib. Ref.:	WB07138A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
PCB-1016	(ND)|ND	.97	.011|.010
PCB-1221	(ND)|ND	.97	.046|.052
PCB-1232	(ND)|ND	.97	.019|.018
PCB-1242	(ND)|ND	.97	.038|.044
PCB-1248	(ND)|ND	.97	.049|.054
PCB-1254	(ND)|ND	.97	.0079|.0084
PCB-1260	(ND)|ND	.97	.0087|.012

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	50|(59)	35-135
DECACHLOROBIPHENYL	(79)|72	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column
* Out side of QC Limit

SW3550B/8082
PCBs

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2758	Date Analyzed:	02/10/00 16:23
Lab Samp ID:	B015-17	Dilution Factor:	1
Lab File ID:	WB07086A	Matrix :	SOIL
Extr Btch ID:	CPB009S	% Moisture :	6.5
Calib. Ref.:	WB07079A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
PCB-1016	(ND)|ND	.75	.0086|.0077
PCB-1221	(ND)|ND	.75	.035|.04
PCB-1232	(ND)|ND	.75	.015|.014
PCB-1242	(ND)|ND	.75	.029|.034
PCB-1248	(ND)|ND	.75	.037|.041
PCB-1254	(ND)|ND	.75	.0061|.0064
PCB-1260	(ND)|ND	.75	.0067|.0095

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	41|(49)	35-135
DECACHLOROBIPHENYL	(70)|60	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) Included the reported column
[ ] Outside of QC Limit

SW3550B/8082
PCBs

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	18609-2759	Date Analyzed:	02/10/00 16:49
Lab Samp ID:	B015-18	Dilution Factor:	1
Lab File ID:	WB07087A	Matrix :	SOIL
Ext Btch ID:	CPB009S	% Moisture :	1.8
Calib. Ref.:	WB07079A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
PCB-1016	(ND)|ND	.71	.0082|.0073
PCB-1221	(ND)|ND	.71	.034|.038
PCB-1232	(ND)|ND	.71	.014|.013
PCB-1242	(ND)|ND	.71	.028|.032
PCB-1248	(ND)|ND	.71	.036|.04
PCB-1254	(ND)|ND	.71	.0058|.0061
PCB-1260	(ND)|ND	.71	.0064|.0091

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	63|(70)	35-135
DECACHLOROBIPHENYL	(86)|72	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column
* Out side of QC Limit

SW3550B/8082
PCBs

[illegible]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[illegible]tch No.	: 00B015	Date Extracted:	02/07/00 20:00
[illegible]mple ID:	18609-2760	Date Analyzed:	02/10/00 17:15
Lab Samp ID:	B015-19	Dilution Factor:	1
Lab File ID:	WB07088A	Matrix :	SOIL
[illegible]t Btch ID:	CPB009S	% Moisture :	5.7
[illegible]lib. Ref.:	WB07079A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
[illegible]B-1016	(ND)|ND	.74	.0086|.0076
[illegible]B-1221	(ND)|ND	.74	.035|.039
PCB-1232	(ND)|ND	.74	.015|.014
PCB-1242	(ND)|ND	.74	.029|.034
[illegible]B-1248	(ND)|ND	.74	.037|.041
[illegible]B-1254	(ND)|ND	.74	.006|.0064
PCB-1260	(ND)|ND	.74	.0066|.0095

[illegible]RROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	54|(66)	35-135
[illegible]CACHLOROBIPHENYL	(78)|65	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
[illegible]uded the reported column
[illegible]side of QC Limit

SW3550B/8082
PCBs

Client	: IT CORPORATION	Date Collected:	NA
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/07/00
Batch No.	: 00B015	Date Extracted:	02/07/00 20:00
Sample ID:	MBLK1S	Date Analyzed:	02/11/00 02:14
Lab Samp ID:	CPB007SB	Dilution Factor:	1
Lab File ID:	WB07107A	Matrix :	SOIL
Ext Btch ID:	CPB007S	% Moisture :	NA
Calib. Ref.:	WB07096A	Instrument ID :	GCT016

PARAMETERS	RESULTS (mg/kg)	PQL (mg/kg)	MDL (mg/kg)
PCB-1016	(ND)|ND	.7	.0081|.0072
PCB-1221	(ND)|ND	.7	.033|.037
PCB-1232	(ND)|ND	.7	.014|.013
PCB-1242	(ND)|ND	.7	.027|.032
PCB-1248	(ND)|ND	.7	.035|.039
PCB-1254	(ND)|ND	.7	.0057|.006
PCB-1260	(ND)|ND	.7	.0062|.0089

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	85|(91)	35-135
DECACHLOROBIPHENYL	(89)|85	25-143

PQL: Practical Quantitation Limit
Left of | is related to first column ; Right of | related to second column
( ) included the reported column
* Out side of QC Limit

EMAX QUALITY CONT[illegible]A
LCS/LCD ANALYS[illegible]

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
METHOD: SW3520C/8082

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	CPB005WB	CPB006WL	CPB006WC		
LAB FILE ID:	WB07032A	WB07035A	WB07036A		
DATE EXTRACTED:	02/05/0018:30	02/05/0018:30	02/05/0018:30	DATE COLLECTED:	NA
DATE ANALYZED:	02/08/0022:04	02/08/0023:20	02/08/0023:46	DATE RECEIVED:	02/05/00
PREP. BATCH:	CPB005W	CPB005W	CPB005W		
CALIB. REF:	WB07031A	WB07031A	WB07031A		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
PCB-1016	(ND) | ND	5	4.14 | (4.28)	83 | (86)	5	4.29 | (4.31)	86 | (86)	4 | (1)	40-150	30
PCB-1260	(ND) | ND	5	4.91 | (4.98)	98 | (100)	5	4.71 | (4.76)	94 | (95)	4 | (5)	40-150	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
Tetrachloro-m-xylene	.2	(.161) | .161	(81) | 80	.2	(.163) | .161	(82) | 80	45-125
Decachlorobiphenyl	.2	(.227) | .222	113 | (111)	.2	(.219) | .215	110 | (108)	34-133

EMAX QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
METHOD: SW3550B/8082

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MATRIX: SOIL % MOISTURE: NA
DILUTION FACTOR: 1 1
SAMPLE ID: MBLK1S
LAB SAMP ID: CPB007SB CPB008SL
LAB FILE ID: WB07107A WB07109A
DATE EXTRACTED: 02/07/0020:00 02/07/0020:00 DATE COLLECTED: NA
DATE ANALYZED: 02/11/0002:14 02/11/0003:05 DATE RECEIVED: 02/07/00
PREP. BATCH: CPB007S CPB007S
CALIB. REF: WB07096A WB07096A

ACCESSION:

PARAMETER	BLNK RSLT (mg/kg)	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
PCB-1016	(ND)|ND	.167	.146J|(.15J)	88|(90)	50-150
PCB-1260	(ND)|ND	.167	.149J|(.155J)	89|(93)	50-150

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SURROGATE PARAMETER	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
Tetrachloro-m-xylene	.0133	.0114|(.0121)	86|(90)	35-133
Decachlorobiphenyl	.0133	(.0118)|.0112	(89)|84	25-143

EMAX QUALITY CONTROL DATA
LCS ANALYSIS

T: IT CORPORATION
CT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
ETHOD: SW3550B/8082

MATRIX: SOIL % MOISTURE: NA
ILUTION FACTOR: 1 1
AMPLE ID: MBLK2S
LAB SAMP ID: CPB009SB CPB010SL
AB FILE ID: WB07080A WB07082A
ATE EXTRACTED: 02/07/0020:00 02/07/0020:00 DATE COLLECTED: NA
ATE ANALYZED: 02/10/0013:51 02/10/0014:42 DATE RECEIVED: 02/07/00
PREP. BATCH: CPB009S CPB009S
ALIB. REF: WB07079A WB07079A

ACCESSION:

ARAMETER	BLNK RSLT (mg/kg)	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
CB-1016	(ND)|ND	.167	.142J|(.146J)	85|(88)	50-150
CB-1260	(ND)|ND	.167	(.149J)|.149J	(89)|89	50-150

SUR GATE PARAMETER	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
loro-m-xylene	.0133	.011|(.0117)	83|(87)	35-133
Decachlorobiphenyl	.0133	(.0115)|.00928	(86)|70	25-143

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
METHOD: SW3550B/8082

MATRIX: SOIL % MOISTURE: 4.2

DILUTION FACTOR:	1	1	1
SAMPLE ID:	18609-2744		
LAB SAMP ID:	B015-03	B015-03M	B015-03S
LAB FILE ID:	WB07112A	WB07115A	WB07116A
DATE EXTRACTED:	02/07/0020:00	02/07/0020:00	02/07/0020:00
DATE ANALYZED:	02/11/0004:21	02/11/0005:37	02/11/0006:03
PREP. BATCH:	CPB007S	CPB007S	CPB007S
CALIB. REF:	WB07096A	WB07096A	WB07096A

DATE COLLECTED: 02/02/00
DATE RECEIVED: 02/03/00

ACCESSION:

PARAMETER	SMPL RSLT (mg/kg)	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
PCB-1016	(ND) | ND	.174	.14J | (.15J)	80 | (86)	.174	(.14J) | .14J	(80) | 80	(0) | 7	50-150	50
PCB-1260	(ND) | ND	.174	(.15J) | .15J	(86) | 86	.174	(.15J) | .15J	(86) | 86	(0) | 0	50-150	50

SURROGATE PARAMETER	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	QC LIMIT (%)
Tetrachloro-m-xylene	.0139	.010 | (.012)	72 | (86)	.0139	.011 | (.012)	76 | (85)	35-133
Decachlorobiphenyl	.0139	(.011) | .011	(83) | 79	.0139	(.011) | .011	(83) | 80	25-143

* Out side of QC Limit.

EMAX QUALITY CONTR[illegible]A
MS/MSD ANALYS[illegible]

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
BATCH NO.: 00B015
METHOD: SW3550B/8082

MATRIX:	SOIL			% MOISTURE:	2.4
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	18609-2771				
LAB SAMP ID:	B015-30	B015-30M	B015-30S		
LAB FILE ID:	WB07101A	WB07104A	WB07105A		
DATE EXTRACTED:	02/07/0020:00	02/07/0020:00	02/07/0020:00	DATE COLLECTED:	02/02/00
DATE ANALYZED:	02/10/0023:41	02/11/0000:57	02/11/0001:23	DATE RECEIVED:	02/03/00
PREP. BATCH:	CPB009S	CPB009S	CPB009S		
CALIB. REF:	WB07096A	WB07096A	WB07096A		

ACCESSION:

PARAMETER	SMPL RSLT (mg/kg)	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
PCB-1016	(ND) | ND	.171	(.14J) | .14J	(82) | 82	.171	(.15J) | .14J	(88) | 82	(7) | 0	50-150	50
PCB-1260	(ND) | ND	.171	.14J | (.15J)	82 | (88)	.171	(.15J) | .15J	(88) | 88	(7) | 0	50-150	50

SURROGATE PARAMETER	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	QC LIMIT (%)
Tetrachloro-m-xylene	.0137	.01 | (.011)	73 | (82)	.0137	.01 | (.011)	74 | (83)	35-133
Decachlorobiphenyl	.0137	(.011) | .01	(80) | 75	.0137	(.011) | .01	(81) | 77	25-143

* Out side of QC Limit.

5518

CASE NARRATIVE

CLIENT: **IT CORPORATION**

PROJECT: **MCAS EL TORO / 18609 / D.O. 70**

SDG: **00B015**

METALS BY ICP

Thirty (30) soil and one (1) water samples were received on 02/03/00 for Metals analyses by Method 6010B in accordance with "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW846, third edition.

1. Holding Time

   Analyses met holding time criteria.

2. Blank

   Method blanks were free of contamination at RL.

3. Matrix Spike/Matrix Spike Duplicate

   For soil samples, aluminum, antimony, calcium, iron, manganese and molybdenum recoveries for MS and MSD were out of QC limits due to matrix interference, however, analytical spike recoveries of some of these elements passed.

4. Lab Control Sample/Lab Control Sample Duplicate

   All recoveries were within the control limits.

5. Sample Analysis

   All analyses were performed within the QC requirements. Serial dilution and analytical spike recoveries for iron were out of QC limits due to the high concentration of the parent sample.

METHOD 3050B/6010B
METALS BY ICP

[illegible]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[illegible]DG NO.	: 00B015	Date Extracted:	02/04/00 18:00
[illegible]ample ID:	18609-2742	Date Analyzed:	02/08/00 18:27
[illegible]ab Samp ID:	B015-01	Dilution Factor:	1
Lab File ID:	I07B020012	Matrix :	SOIL
[illegible]xt Btch ID:	IPB005S	% Moisture :	8.4
[illegible]alib. Ref.:	I07B020007	Instrument ID :	EMAXTI07

[illegible]ARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Aluminum	10800	54.6	6.81
Antimony	ND	10.9	3.91
[illegible]rium	118	1.09	.142
[illegible]eryllium	.415	.218	.0218
Cadmium	ND	1.09	.0764
Calcium	5210	546	2.17
[illegible]romium	10.3	1.09	.655
[illegible]balt	5.35	1.09	.666
Copper	6.02	1.09	.808
Iron	13400	21.8	.781
[illegible]gnesium	5620	546	5.74
[illegible]nganese	217	2.18	.131
[illegible]olybdenum	ND	2.18	.71
Nickel	5.95	2.18	.502
[illegible]otassium	3760	546	212
[illegible]lver	ND	2.18	1.54
[illegible]dium	ND	546	6.98
Vanadium	30.6	1.09	.906
Zi[illegible]	39.8	1.09	.284

[illegible]porting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2742	Date Analyzed:	02/08/00 17:52
Lab Samp ID:	B015-01	Dilution Factor:	1
Lab File ID:	I31B017013	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	8.4
Calib. Ref.:	I31B017008	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	2.99	1.09	.56
Lead	2.06	1.09	.288
Selenium	ND	1.09	.495
Thallium	1.38	1.09	.509

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY ICP

: IT CORPORATION		Date Collected:	02/02/00
: MCAS EL TORO/18609/D.O. 70		Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
ple ID:	18609-2743	Date Analyzed:	02/08/00 18:32
b Samp ID:	B015-02	Dilution Factor:	1
b File ID:	I07B020013	Matrix	: SOIL
Ext Btch ID:	IPB005S	% Moisture	: 14.3
lib. Ref.:	I07B020007	Instrument ID	: EMAXTI07

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
uminum	23100	58.3	7.28
Antimony	ND	11.7	4.18
Barium	241	1.17	.152
ryllium	.817	.233	.0233
dmium	ND	1.17	.0817
Calcium	13700	583	2.32
Chromium	20	1.17	.7
balt	9.43	1.17	.712
pper	12	1.17	.863
Iron	25400	23.3	.834
Magnesium	13900	583	6.14
nganese	364	2.33	.14
lybdenum	ND	2.33	.758
ckel	13	2.33	.537
Potassium	6280	583	226
lver	ND	2.33	1.65
dium	ND	583	7.46
nadium	58.1	1.17	.968
Zinc	78.4	1.17	.303

orting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2743	Date Analyzed:	02/08/00 17:56
Lab Samp ID:	B015-02	Dilution Factor:	1
Lab File ID:	I31B017014	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	14.3
Calib. Ref.:	I31B017008	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	4.99	1.17	.599
Lead	4.18	1.17	.308
Selenium	ND	1.17	.529
Thallium	ND	1.17	.544

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2744	Date Analyzed:	02/08/00 18:38
Lab Samp ID:	B015-03	Dilution Factor:	1
Lab File ID:	I07B020014	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	4.2
Calib. Ref.:	I07B020007	Instrument ID :	EMAXTI07

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Aluminum	18400	52.2	6.51
Antimony	ND	10.4	3.74
Barium	270	1.04	.136
Beryllium	.66	.209	.0209
Cadmium	ND	1.04	.0731
Calcium	11300	522	2.08
Chromium	15.9	1.04	.626
Cobalt	7.77	1.04	.637
Copper	11	1.04	.772
Iron	20500	20.9	.746
Magnesium	11500	522	5.49
Manganese	305	2.09	.125
Molybdenum	ND	2.09	.678
Nickel	9.03	2.09	.48
Potassium	5610	522	203
Silver	ND	2.09	1.47
Sodium	ND	522	6.67
Vanadium	47.5	1.04	.866
Zinc	64	1.04	.271

RL = Reporting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2744	Date Analyzed:	02/08/00 18:00
Lab Samp ID:	B015-03	Dilution Factor:	1
Lab File ID:	I31B017015	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	4.2
Calib. Ref.:	I31B017008	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	4.18	1.04	.535
Lead	3.31	1.04	.276
Selenium	ND	1.04	.473
Thallium	ND	1.04	.486

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY ICP

[redacted]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2745	Date Analyzed:	02/08/00 18:43
Lab Samp ID:	B015-04	Dilution Factor:	1
Lab File ID:	I07B020015	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	5.3
Calib. Ref.:	I07B020007	Instrument ID :	EMAXTI07

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Aluminum	6700	52.8	6.59
Antimony	ND	10.6	3.78
Barium	102	1.06	.137
Beryllium	.264	.211	.0211
Cadmium	ND	1.06	.0739
Calcium	6020	528	2.1
Chromium	7.27	1.06	.634
Cobalt	3.99	1.06	.644
Copper	3.84	1.06	.781
Iron	9730	21.1	.755
Magnesium	4250	528	5.55
Manganese	189	2.11	.127
Molybdenum	ND	2.11	.686
Nickel	3.95	2.11	.486
Potassium	2720	528	205
Silver	ND	2.11	1.49
Sodium	ND	528	6.75
Vanadium	24.5	1.06	.876
Zinc	29.2	1.06	.275

[redacted]porting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2745	Date Analyzed:	02/08/00 18:03
Lab Samp ID:	B015-04	Dilution Factor:	1
Lab File ID:	I31B017016	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	5.3
Calib. Ref.:	I31B017008	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	3.05	1.06	.542
Lead	1.51	1.06	.279
Selenium	ND	1.06	.478
Thallium	ND	1.06	.492

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY ICP

[illegible]	: IT CORPORATION	Date Collected:	02/02/00
[illegible]ct	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
[illegible]mple ID:	18609-2746	Date Analyzed:	02/08/00 18:48
[illegible]b Samp ID:	B015-05	Dilution Factor:	1
Lab File ID:	I07B020016	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	7.4
[illegible]lib. Ref.:	I07B020007	Instrument ID :	EMAXTI07

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
[illegible]uminum	9770	54	6.74
Antimony	ND	10.8	3.87
[illegible]arium	144	1.08	.14
[illegible]ryllium	.373	.216	.0216
[illegible]dmium	ND	1.08	.0756
Calcium	3960	540	2.15
Chromium	9.85	1.08	.648
[illegible]oalt	4.68	1.08	.659
[illegible]pper	6.26	1.08	.799
Iron	12800	21.6	.772
Magnesium	5270	540	5.68
[illegible]nganese	230	2.16	.13
[illegible]ybdenum	ND	2.16	.702
Nickel	6.24	2.16	.497
Potassium	3450	540	210
[illegible]ver	ND	2.16	1.52
[illegible]dium	ND	540	6.9
Vanadium	30.1	1.08	.896
Zinc	38.3	1.08	.281

[illegible]orting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2746	Date Analyzed:	02/08/00 18:30
Lab Samp ID:	B015-05	Dilution Factor:	1
Lab File ID:	I31B017023	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	7.4
Calib. Ref.:	I31B017020	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	3.2	1.08	.554
Lead	1.88	1.08	.285
Selenium	ND	1.08	.489
Thallium	ND	1.08	.503

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY ICP

[redacted]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
[redacted]mple ID:	18609-2747	Date Analyzed:	02/08/00 19:18
[redacted]b Samp ID:	B015-06	Dilution Factor:	1
Lab File ID:	I07B020022	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	17.9
[redacted]lib. Ref.:	I07B020019	Instrument ID :	EMAXTI07

[redacted]RAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
[redacted]luminum	20800	60.9	7.6
Antimony	ND	12.2	4.36
[redacted]rium	243	1.22	.158
[redacted]ryllium	.763	.244	.0244
[redacted]dmium	ND	1.22	.0853
Calcium	9100	609	2.42
[redacted]romium	18.7	1.22	.731
[redacted]balt	8.52	1.22	.743
[redacted]pper	11.2	1.22	.901
Iron	24000	24.4	.871
[redacted]gnesium	12300	609	6.41
[redacted]nganese	364	2.44	.146
[redacted]ybdenum	ND	2.44	.792
Nickel	10.4	2.44	.56
Potassium	6210	609	236
[redacted]ver	ND	2.44	1.72
[redacted]dium	ND	609	7.78
Vanadium	54.5	1.22	1.01
Zinc	74.2	1.22	.317

[redacted]orting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 008015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2747	Date Analyzed:	02/08/00 18:34
Lab Samp ID:	B015-06	Dilution Factor:	1
Lab File ID:	I31B017024	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	17.9
Calib. Ref.:	I31B017020	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	5.19	1.22	.625
Lead	3.84	1.22	.322
Selenium	ND	1.22	.552
Thallium	ND	1.22	.568

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY ICP

[illegible]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2748	Date Analyzed:	02/08/00 18:53
Lab Samp ID:	B015-07	Dilution Factor:	1
Lab File ID:	I07B020017	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	12.2
Calib. Ref.:	I07B020007	Instrument ID :	EMAXTI07

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Aluminum	18100	56.9	7.11
Antimony	ND	11.4	4.08
Barium	295	1.14	.148
Beryllium	.644	.228	.0228
Cadmium	ND	1.14	.0797
Calcium	14800	569	2.27
Chromium	16.5	1.14	.683
Cobalt	7.8	1.14	.695
Copper	10.4	1.14	.843
Iron	21300	22.8	.814
Magnesium	11700	569	5.99
Manganese	329	2.28	.137
Molybdenum	ND	2.28	.74
Nickel	9.31	2.28	.524
Potassium	6230	569	221
Silver	ND	2.28	1.61
Sodium	670	569	7.28
Vanadium	50.1	1.14	.945
Zinc	68.2	1.14	.296

[illegible]porting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2748	Date Analyzed:	02/08/00 18:38
Lab Samp ID:	B015-07	Dilution Factor:	1
Lab File ID:	I31B017025	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	12.2
Calib. Ref.:	I31B017020	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	4.62	1.14	.584
Lead	3.17	1.14	.301
Selenium	ND	1.14	.516
Thallium	ND	1.14	.531

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY ICP

[redacted]	: IT CORPORATION	Date Collected:	02/02/00
Pr[redacted]ct	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
[redacted]mple ID:	18609-2749	Date Analyzed:	02/08/00 18:58
[redacted]b Samp ID:	B015-08	Dilution Factor:	1
Lab File ID:	I07B020018	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	4.2
[redacted]lib. Ref.:	I07B020007	Instrument ID :	EMAXTI07

[redacted]RAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
[redacted]uminum	5880	52.2	6.51
Antimony	ND	10.4	3.74
[redacted]rium	95.5	1.04	.136
[redacted]ryllium	.232	.209	.0209
[redacted]dmium	ND	1.04	.0731
Calcium	5260	522	2.08
[redacted]romium	6.46	1.04	.626
[redacted]balt	3.4	1.04	.637
[redacted]pper	3.79	1.04	.772
Iron	8540	20.9	.746
Magnesium	3720	522	5.49
[redacted]nganese	164	2.09	.125
[redacted]ybdenum	ND	2.09	.678
Nickel	4.04	2.09	.48
Potassium	2450	522	203
[redacted]ver	ND	2.09	1.47
[redacted]dium	ND	522	6.67
Vanadium	20.9	1.04	.866
Zinc	27.7	1.04	.271

[redacted]orting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2749	Date Analyzed:	02/08/00 18:41
Lab Samp ID:	B015-08	Dilution Factor:	1
Lab File ID:	I31B017026	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	4.2
Calib. Ref.:	I31B017020	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	1.91	1.04	.535
Lead	1.24	1.04	.276
Selenium	ND	1.04	.473
Thallium	ND	1.04	.486

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2750	Date Analyzed:	02/08/00 19:44
Lab Samp ID:	B015-09	Dilution Factor:	1
Lab File ID:	I07B020027	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	7.9
Calib. Ref.:	I07B020019	Instrument ID :	EMAXTI07

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Aluminum	8630	54.3	6.78
Antimony	ND	10.9	3.89
Barium	122	1.09	.141
Beryllium	.332	.217	.0217
Cadmium	ND	1.09	.076
Calcium	7230	543	2.16
Chromium	8.88	1.09	.651
Cobalt	4.15	1.09	.662
Copper	5.08	1.09	.803
Iron	11500	21.7	.776
Magnesium	5100	543	5.71
Manganese	208	2.17	.13
Molybdenum	ND	2.17	.706
Nickel	5.99	2.17	.499
Potassium	2620	543	211
Silver	ND	2.17	1.53
Sodium	ND	543	6.94
Vanadium	27.2	1.09	.901
Zinc	34.8	1.09	.282

Reporting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2750	Date Analyzed:	02/08/00 18:45
Lab Samp ID:	B015-09	Dilution Factor:	1
Lab File ID:	I31B017027	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	7.9
Calib. Ref.:	I31B017020	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	2.73	1.09	.557
Lead	1.79	1.09	.287
Selenium	ND	1.09	.492
Thallium	ND	1.09	.506

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY ICP

: IT CORPORATION	Date Collected: 02/02/00
Project : MCAS EL TORO/18609/D.O. 70	Date Received: 02/03/00
SDG NO. : 008015	Date Extracted: 02/04/00 18:00
Sample ID: 18609-2751	Date Analyzed: 02/08/00 19:49
Lab Samp ID: B015-10	Dilution Factor: 1
Lab File ID: I07B020028	Matrix : SOIL
Ext Btch ID: IPB005S	% Moisture : 17.8
Calib. Ref.: I07B020019	Instrument ID : EMAXTI07

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Aluminum	21300	60.8	7.59
Antimony	ND	12.2	4.36
Barium	256	1.22	.158
Beryllium	.787	.243	.0243
Cadmium	ND	1.22	.0852
Calcium	12800	608	2.42
Chromium	19	1.22	.73
Cobalt	8.83	1.22	.742
Copper	13	1.22	.9
Iron	24300	24.3	.87
Magnesium	13400	608	6.4
Manganese	365	2.43	.146
Molybdenum	ND	2.43	.791
Nickel	11.9	2.43	.56
Potassium	5680	608	236
Silver	ND	2.43	1.72
Sodium	ND	608	7.77
Vanadium	55.2	1.22	1.01
Zinc	79.4	1.22	.316

RL = Reporting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2751	Date Analyzed:	02/08/00 18:49
Lab Samp ID:	B015-10	Dilution Factor:	1
Lab File ID:	I31B017028	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	17.8
Calib. Ref.:	I31B017020	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	4.72	1.22	.624
Lead	4	1.22	.321
Selenium	ND	1.22	.551
Thallium	ND	1.22	.567

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY ICP

[illegible]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
[illegible]ample ID:	18609-2752	Date Analyzed:	02/08/00 19:54
[illegible]ab Samp ID:	B015-11	Dilution Factor:	1
Lab File ID:	I07B020029	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	8.9
[illegible]lib. Ref.:	I07B020019	Instrument ID :	EMAXTI07

[illegible]RAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
[illegible]luminum	4550	54.9	6.85
Antimony	ND	11	3.93
[illegible]rium	87.7	1.1	.143
[illegible]eryllium	.225	.22	.022
[illegible]admium	ND	1.1	.0768
Calcium	5400	549	2.18
[illegible]hromium	4.39	1.1	.659
[illegible]balt	2.58	1.1	.67
[illegible]pper	2.46	1.1	.812
Iron	6580	22	.785
[illegible]agnesium	3000	549	5.77
[illegible]nganese	164	2.2	.132
[illegible]lybdenum	ND	2.2	.714
Nickel	ND	2.2	.505
Potassium	1460	549	213
[illegible]lver	ND	2.2	1.55
[illegible]dium	ND	549	7.01
Vanadium	16.7	1.1	.911
Zin[illegible]	21.7	1.1	.285

[illegible]orting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2752	Date Analyzed:	02/08/00 18:53
Lab Samp ID:	B015-11	Dilution Factor:	1
Lab File ID:	I31B017029	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	8.9
Calib. Ref.:	I31B017020	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	1.66	1.1	.563
Lead	ND	1.1	.29
Selenium	ND	1.1	.497
Thallium	ND	1.1	.512

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY ICP

[redacted]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
[redacted]ple ID:	18609-2753	Date Analyzed:	02/08/00 19:59
[redacted] Samp ID:	B015-12	Dilution Factor:	1
Lab File ID:	I07B020030	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	6.8
[redacted]ib. Ref.:	I07B020019	Instrument ID :	EMAXTI07

[redacted]AMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
[redacted]minum	17500	53.6	6.7
Antimony	ND	10.7	3.84
[redacted]ium	198	1.07	.139
[redacted]yllium	.635	.215	.0215
[redacted]mium	ND	1.07	.0751
Calcium	12000	536	2.14
[redacted]omium	15.2	1.07	.644
[redacted]alt	7.55	1.07	.655
[redacted]per	9.79	1.07	.794
Iron	20200	21.5	.767
Magnesium	11200	536	5.64
[redacted]ganese	313	2.15	.129
[redacted]ybdenum	ND	2.15	.697
Nickel	7.85	2.15	.494
Potassium	5970	536	208
[redacted]ver	ND	2.15	1.51
[redacted]ium	715	536	6.86
Vanadium	46.5	1.07	.891
Zinc	65	1.07	.279

R[redacted]rting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2753	Date Analyzed:	02/08/00 18:56
Lab Samp ID:	B015-12	Dilution Factor:	1
Lab File ID:	I31B017030	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	6.8
Calib. Ref.:	I31B017020	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	3.73	1.07	.55
Lead	3.46	1.07	.283
Selenium	ND	1.07	.486
Thallium	ND	1.07	.5

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY ICP

[illegible]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
[illegible]OG NO.	: 00B015	Date Extracted:	02/04/00 18:00
[illegible]ample ID:	18609-2754	Date Analyzed:	02/08/00 20:15
[illegible]ab Samp ID:	B015-13	Dilution Factor:	1
Lab File ID:	I07B020033	Matrix :	SOIL
[illegible]xt Btch ID:	IPB005S	% Moisture :	7.6
[illegible]alib. Ref.:	I07B020031	Instrument ID :	EMAXTI07

[illegible]ARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Aluminum	10500	54.1	6.75
Antimony	ND	10.8	3.87
[illegible]arium	166	1.08	.141
[illegible]eryllium	.389	.216	.0216
[illegible]admium	ND	1.08	.0758
Calcium	7580	541	2.15
[illegible]hromium	10.1	1.08	.649
[illegible]obalt	5.47	1.08	.66
[illegible]opper	9.7	1.08	.801
Iron	14600	21.6	.774
[illegible]agnesium	6650	541	5.69
[illegible]anganese	257	2.16	.13
[illegible]olybdenum	ND	2.16	.703
Nickel	6.61	2.16	.498
[illegible]otassium	4550	541	210
[illegible]ilver	ND	2.16	1.53
[illegible]odium	750	541	6.92
Vanadium	36.9	1.08	.898
Zi[illegible]	47.6	1.08	.281

[illegible]porting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2754	Date Analyzed:	02/08/00 19:00
Lab Samp ID:	B015-13	Dilution Factor:	1
Lab File ID:	I31B017031	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	7.6
Calib. Ref.:	I31B017020	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	4.38	1.08	.555
Lead	1.76	1.08	.286
Selenium	ND	1.08	.49
Thallium	ND	1.08	.504

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY ICP

[illegible]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
[illegible]mple ID:	18609-2755	Date Analyzed:	02/08/00 20:20
[illegible]b Samp ID:	B015-14	Dilution Factor:	1
Lab File ID:	I07B020034	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	8.9
[illegible]lib. Ref.:	I07B020031	Instrument ID :	EMAXTI07

[illegible]RAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
[illegible]uminum	9220	54.9	6.85
Antimony	ND	11	3.93
[illegible]rium	150	1.1	.143
[illegible]ryllium	.329	.22	.022
[illegible]dmium	ND	1.1	.0768
Calcium	8750	549	2.18
[illegible]hromium	9.11	1.1	.659
[illegible]balt	4.68	1.1	.67
[illegible]pper	7.88	1.1	.812
Iron	11700	22	.785
Magnesium	5660	549	5.77
[illegible]nganese	250	2.2	.132
[illegible]lybdenum	ND	2.2	.714
Nickel	6.26	2.2	.505
Potassium	3280	549	213
[illegible]lver	ND	2.2	1.55
[illegible]dium	ND	549	7.01
Vanadium	28.8	1.1	.911
Zinc	36.5	1.1	.285

[illegible]orting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2755	Date Analyzed:	02/08/00 19:12
Lab Samp ID:	B015-14	Dilution Factor:	1
Lab File ID:	I31B017034	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	8.9
Calib. Ref.:	I31B017032	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	3.17	1.1	.563
Lead	1.82	1.1	.29
Selenium	ND	1.1	.497
Thallium	ND	1.1	.512

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY ICP

[redacted]	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
[redacted]ample ID:	18609-2756	Date Analyzed:	02/08/00 20:25
[redacted]ab Samp ID:	B015-15	Dilution Factor:	1
Lab File ID:	I07B020035	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	17.2
[redacted]lib. Ref.:	I07B020031	Instrument ID :	EMAXTI07

[redacted]RAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
[redacted]luminum	5240	60.4	7.54
Antimony	ND	12.1	4.32
[redacted]rium	77.3	1.21	.157
[redacted]ryllium	ND	.242	.0242
[redacted]dmium	ND	1.21	.0845
Calcium	5420	604	2.4
[redacted]hromium	5.64	1.21	.725
[redacted]balt	2.87	1.21	.737
[redacted]pper	3.87	1.21	.894
Iron	7190	24.2	.864
Magnesium	3400	604	6.35
[redacted]nganese	146	2.42	.145
[redacted]lybdenum	ND	2.42	.785
Nickel	2.76	2.42	.556
Potassium	1930	604	234
[redacted]lver	ND	2.42	1.7
[redacted]dium	ND	604	7.72
Vanadium	18.2	1.21	1
Zinc	22.3	1.21	.314

[redacted]orting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2756	Date Analyzed:	02/08/00 19:16
Lab Samp ID:	B015-15	Dilution Factor:	1
Lab File ID:	I31B017035	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	17.2
Calib. Ref.:	I31B017032	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	1.7	1.21	.62
Lead	1.41	1.21	.319
Selenium	ND	1.21	.547
Thallium	ND	1.21	.563

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2757	Date Analyzed:	02/08/00 20:30
Lab Samp ID:	B015-16	Dilution Factor:	1
Lab File ID:	I07B020036	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	28.1
Calib. Ref.:	I07B020031	Instrument ID :	EMAXTI07

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Aluminum	13700	69.5	8.68
Antimony	ND	13.9	4.98
Barium	212	1.39	.181
Beryllium	.482	.278	.0278
Cadmium	ND	1.39	.0974
Calcium	10300	695	2.77
Chromium	14.2	1.39	.834
Cobalt	7.99	1.39	.848
Copper	8.14	1.39	1.03
Iron	19000	27.8	.994
Magnesium	8790	695	7.32
Manganese	337	2.78	.167
Molybdenum	ND	2.78	.904
Nickel	9.06	2.78	.64
Potassium	6030	695	270
Silver	ND	2.78	1.96
Sodium	983	695	8.89
Vanadium	44.6	1.39	1.15
Zinc	62	1.39	.362

RL = Reporting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2757	Date Analyzed:	02/08/00 19:20
Lab Samp ID:	B015-16	Dilution Factor:	1
Lab File ID:	I31B017036	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	28.1
Calib. Ref.:	I31B017032	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	3.09	1.39	.713
Lead	2.31	1.39	.367
Selenium	ND	1.39	.63
Thallium	ND	1.39	.648

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID	: 18609-2758	Date Analyzed:	02/08/00 20:35
Lab Samp ID	: B015-17	Dilution Factor:	1
Lab File ID	: I07B020037	Matrix	: SOIL
Ext Btch ID	: IPB005S	% Moisture	: 6.5
Calib. Ref.	: I07B020031	Instrument ID	: EMAXTI07

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Aluminum	10500	53.5	6.67
Antimony	ND	10.7	3.83
Barium	131	1.07	.139
Beryllium	.4	.214	.0214
Cadmium	ND	1.07	.0749
Calcium	4660	535	2.13
Chromium	10.3	1.07	.642
Cobalt	4.78	1.07	.652
Copper	53.2	1.07	.791
Iron	13000	21.4	.765
Magnesium	5140	535	5.63
Manganese	229	2.14	.128
Molybdenum	ND	2.14	.695
Nickel	7.09	2.14	.492
Potassium	3870	535	207
Silver	ND	2.14	1.51
Sodium	ND	535	6.83
Vanadium	29.3	1.07	.888
Zinc	60	1.07	.278

RL = Reporting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 008015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2758	Date Analyzed:	02/08/00 19:23
Lab Samp ID:	B015-17	Dilution Factor:	1
Lab File ID:	I31B017037	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	6.5
Calib. Ref.:	I31B017032	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	2.54	1.07	.549
Lead	2.15	1.07	.282
Selenium	ND	1.07	.484
Thallium	ND	1.07	.498

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY ICP

[illegible]	: IT CORPORATION	Date Collected:	02/02/00
Pr[illegible]t	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
[illegible]mple ID:	18609-2759	Date Analyzed:	02/07/00 22:25
[illegible]b Samp ID:	B015-18	Dilution Factor:	1
Lab File ID:	I07B017013	Matrix :	SOIL
Ext Btch ID:	IPB006S	% Moisture :	1.8
[illegible]lib. Ref.:	I07B017007	Instrument ID :	EMAXTI07

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
[illegible]uminum	5640	50.9	6.35
Antimony	ND	10.2	3.65
Barium	94.5	1.02	.132
[illegible]eryllium	.21	.204	.0204
[illegible]dmium	ND	1.02	.0713
Calcium	4490	509	2.03
Chromium	7.18	1.02	.611
[illegible]bbalt	3.01	1.02	.621
[illegible]pper	6.49	1.02	.754
Iron	7420	20.4	.728
Magnesium	3300	509	5.36
[illegible]nganese	134	2.04	.122
[illegible]olybdenum	ND	2.04	.662
Nickel	2.77	2.04	.468
Potassium	1940	509	198
[illegible]ilver	ND	2.04	1.44
[illegible]odium	ND	509	6.51
[illegible]anadium	17.2	1.02	.845
Zinc	23.5	1.02	.265

[illegible]porting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client : IT CORPORATION	Date Collected: 02/02/00
Project : MCAS EL TORO/18609/D.O. 70	Date Received: 02/03/00
SDG NO. : 00B015	Date Extracted: 02/04/00 18:00
Sample ID: 18609-2759	Date Analyzed: 02/09/00 14:46
Lab Samp ID: B015-18	Dilution Factor: 1
Lab File ID: I31B019014	Matrix : SOIL
Ext Btch ID: IPB006S	% Moisture : 1.8
Calib. Ref.: I31B019008	Instrument ID : EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	1.41	1.02	.522
Lead*	1.04	1.02	.269
Selenium	ND	1.02	.461
Thallium	ND	1.02	.475

RL: Reporting Limit
* Analyzed on 02/08/00, File I31B014

METHOD 3050B/6010B
METALS BY ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2760	Date Analyzed:	02/07/00 22:30
Lab Samp ID:	B015-19	Dilution Factor:	1
Lab File ID:	I07B017014	Matrix :	SOIL
Ext Btch ID:	IPB006S	% Moisture :	5.7
Calib. Ref.:	I07B017007	Instrument ID :	EMAXTI07

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Aluminum	10500	53	6.62
Antimony	ND	10.6	3.8
Barium	158	1.06	.138
Beryllium	.366	.212	.0212
Cadmium	ND	1.06	.0742
Calcium	7070	530	2.11
Chromium	9.79	1.06	.636
Cobalt	5.25	1.06	.647
Copper	6.32	1.06	.785
Iron	14800	21.2	.758
Magnesium	6620	530	5.58
Manganese	257	2.12	.127
Molybdenum	ND	2.12	.689
Nickel	5.45	2.12	.488
Potassium	4350	530	206
Silver	ND	2.12	1.5
Sodium	ND	530	6.78
Vanadium	33.8	1.06	.88
Zinc	46.3	1.06	.276

Reporting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	02/02/00
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/03/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	18609-2760	Date Analyzed:	02/09/00 14:49
Lab Samp ID:	B015-19	Dilution Factor:	1
Lab File ID:	I31B019015	Matrix :	SOIL
Ext Btch ID:	IPB006S	% Moisture :	5.7
Calib. Ref.:	I31B019008	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	3.33	1.06	.544
Lead^	1.81	1.06	.28
Selenium	ND	1.06	.48
Thallium	ND	1.06	.494

RL: Reporting Limit
^ Analyzed on 02/08/00, File I31B014

METHOD 3050B/6010B
METALS BY ICP

Client	: IT CORPORATION	Date Collected:	NA
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/04/00
SDG NO.	: 00B015	Date Extracted:	02/04/00 18:00
Sample ID:	MBLK1S	Date Analyzed:	02/08/00 18:12
Lab Samp ID:	IPB005SB	Dilution Factor:	1
Lab File ID:	I07B020009	Matrix :	SOIL
Prep Btch ID:	IPB005S	% Moisture :	NA
Calib. Ref.:	I07B020007	Instrument ID :	EMAXTI07

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Aluminum	ND	50	6.24
Antimony	ND	10	3.58
Barium	ND	1	.13
Beryllium	ND	.2	.02
Cadmium	ND	1	.07
Calcium	ND	500	1.99
Chromium	ND	1	.6
Cobalt	ND	1	.61
Copper	ND	1	.74
Iron	ND	20	.715
Magnesium	ND	500	5.26
Manganese	ND	2	.12
Molybdenum	ND	2	.65
Nickel	ND	2	.46
Potassium	ND	500	194
Silver	ND	2	1.41
Sodium	ND	500	6.39
Vanadium	ND	1	.83
[illegible]	ND	1	.26

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	NA
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/04/00
SDG NO.	: 008015	Date Extracted:	02/04/00 18:00
Sample ID:	MBLK1S	Date Analyzed:	02/08/00 17:41
Lab Samp ID:	IPB005SB	Dilution Factor:	1
Lab File ID:	I31B017010	Matrix :	SOIL
Ext Btch ID:	IPB005S	% Moisture :	NA
Calib. Ref.:	I31B017008	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	ND	1	.513
Lead	ND	1	.264
Selenium	ND	1	.453
Thallium	ND	1	.466

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY ICP

[illegible]	: IT CORPORATION	Date Collected:	NA
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/04/00
[illegible]G NO.	: 00B015	Date Extracted:	02/04/00 18:00
[illegible]mple ID:	MBLK2S	Date Analyzed:	02/07/00 22:04
[illegible]b Samp ID:	IPB006SB	Dilution Factor:	1
Lab File ID:	I07B017009	Matrix :	SOIL
[illegible]xt Btch ID:	IPB006S	% Moisture :	NA
[illegible]lib. Ref.:	I07B017007	Instrument ID :	EMAXTI07

[illegible]RAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Aluminum	ND	50	6.24
Antimony	ND	10	3.58
[illegible]rium	ND	1	.13
[illegible]ryllium	ND	.2	.02
[illegible]dmium	ND	1	.07
Calcium	ND	500	1.99
[illegible]romium	ND	1	.6
[illegible]balt	ND	1	.61
[illegible]pper	ND	1	.74
Iron	ND	20	.715
[illegible]gnesium	ND	500	5.26
[illegible]nganese	ND	2	.12
[illegible]ybdenum	ND	2	.65
Nickel	ND	2	.46
[illegible]tassium	ND	500	194
[illegible]ver	ND	2	1.41
[illegible]dium	ND	500	6.39
Vanadium	ND	1	.83
Zin[illegible]	ND	1	.26

[illegible]orting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	NA
Project	: MCAS EL TORO/18609/D.O. 70	Date Received:	02/04/00
SDG NO.	: 008015	Date Extracted:	02/04/00 18:00
Sample ID:	MBLK2S	Date Analyzed:	02/09/00 14:31
Lab Samp ID:	IP8006SB	Dilution Factor:	1
Lab File ID:	I31B019010	Matrix :	SOIL
Ext Btch ID:	IP8006S	% Moisture :	NA
Calib. Ref.:	I31B019008	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	ND	1	.513
Lead^	ND	1	.264
Selenium	ND	1	.453
Thallium	ND	1	.466

RL: Reporting Limit
^ Analyzed on 02/08/00, File I31B014

EMAX QUALITY CONTROL DATA
LCS ANALYSIS

T: IT CORPORATION
CT: MCAS EL TORO/18609/D.O. 70
SDG NO.: 008015
ETHOD: METHOD 3050B/6010B

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MATRIX:	SOIL		% MOISTURE:	NA
ILTN FACTR:	1	1		
AMPLE ID:	MBLK1S			
ONTROL NO.:	IPB005SB	IPB005SL		
LAB FILE ID:	I07B020009	I07B020010		
DATIME EXTRCTD:	02/04/0018:00	02/04/0018:00	DATE COLLECTED:	NA
ATIME ANALYZD:	02/08/0018:12	02/08/0018:17	DATE RECEIVED:	02/04/00
REP. BATCH:	IPB005S	IPB005S		
CALIB. REF:	I07B020007	I07B020007		

CCESSION:

PARAMETER	BLNK RSLT (mg/kg)	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
luminum	ND	1000	885	88	80-120
Antimony	ND	500	422	84	80-120
Barium	ND	100	95.1	95	80-120
eryllium	ND	100	89.7	90	80-120
admium	ND	100	83.1	83	80-120
alcium	ND	5000	4220	84	80-120
Chromium	ND	100	88.6	89	80-120
obalt	ND	100	87.1	87	80-120
opper	ND	100	89.9	90	80-120
ron	ND	1000	886	89	80-120
Magnesium	ND	5000	4250	85	80-120
Ma ese	ND	100	86.3	86	80-120
num	ND	100	88.3	88	80-120
	ND	100	87	87	80-120
Potassium	ND	5000	4400	88	80-120
Silver	ND	100	86.1	86	80-120
odium	ND	5000	4570	91	80-120
anadium	ND	100	89.8	90	80-120
Zinc	ND	100	87.3	87	80-120

EMAX QUALITY CONTROL DATA
LCS ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
SDG NO.: 008015
METHOD: METHOD 3050B/6010B

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MATRIX:	SOIL		% MOISTURE:	NA
DILTN FACTR:	1	1		
SAMPLE ID:	MBLK1S			
CONTROL NO.:	IPB005SB	IPB005SL		
LAB FILE ID:	I31B017010	I31B017011		
DATIME EXTRCTD:	02/04/0018:00	02/04/0018:00	DATE COLLECTED:	NA
DATIME ANALYZD:	02/08/0017:41	02/08/0017:45	DATE RECEIVED:	02/04/00
PREP. BATCH:	IPB005S	IPB005S		
CALIB. REF:	I31B017008	I31B017008		

ACCESSION:

PARAMETER	BLNK RSLT (mg/kg)	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	QC LIMIT (%)
Arsenic	ND	100	91.1	91	80-120
Lead	ND	100	91.4	91	80-120
Selenium	ND	100	94	94	80-120
Thallium	ND	100	94.2	94	80-120

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

[redacted]: IT CORPORATION
[redacted]T: MCAS EL TORO/18609/D.O. 70
SDG NO.: 00B015
[redacted]THOD: METHOD 3050B/6010B

MATRIX:	SOIL			% MOISTURE:	NA
[redacted]ILTN FACTR:	1	1	1		
[redacted]MPLE ID:	MBLK2S				
[redacted]NTROL NO.:	IPB006SB	IPB006SL	IPB006SC		
LAB FILE ID:	I07B017009	I07B017010	I07B017011		
DATIME EXTRCTD:	02/04/0018:00	02/04/0018:00	02/04/0018:00	DATE COLLECTED:	NA
[redacted]TIME ANALYZD:	02/07/0022:04	02/07/0022:09	02/07/0022:14	DATE RECEIVED:	02/04/00
[redacted]EP. BATCH:	IPB006S	IPB006S	IPB006S		
CALIB. REF:	I07B017007	I07B017007	I07B017007		

[redacted]CESSION:

PARAMETER	BLNK RSLT mg/kg	SPIKE AMT mg/kg	BS RSLT mg/kg	BS % REC	SPIKE AMT mg/kg	BSD RSLT mg/kg	BSD % REC	RPD %	QC LIMIT %	MAX RPD %
[redacted]uminum	ND	1000	891	89	1000	899	90	1	80-120	20
[redacted]timony	ND	500	427	85	500	427	85	0	80-120	20
Barium	ND	100	95.9	96	100	97.4	97	2	80-120	20
[redacted]ryllium	ND	100	92.2	92	100	93.3	93	1	80-120	20
[redacted]dmium	ND	100	85	85	100	85.3	85	0	80-120	20
[redacted]lcium	ND	5000	4380	88	5000	4430	89	1	80-120	20
Chromium	ND	100	91.5	91	100	92.3	92	1	80-120	20
[redacted]balt	ND	100	91.1	91	100	91.3	91	0	80-120	20
[redacted]pper	ND	100	90	90	100	91.3	91	1	80-120	20
[redacted]on	ND	1000	919	92	1000	925	93	1	80-120	20
Magnesium	ND	5000	4290	86	5000	4380	88	2	80-120	20
Ma[redacted]ese	ND	100	89.7	90	100	90.1	90	0	80-120	20
[redacted]um	ND	100	90.5	90	100	93	93	3	80-120	20
[redacted]	ND	100	89.6	90	100	89.7	90	0	80-120	20
Potassium	ND	5000	4300	86	5000	4400	88	2	80-120	20
Silver	ND	100	87.7	88	100	88.1	88	1	80-120	20
[redacted]dium	ND	5000	4380	88	5000	4500	90	3	80-120	20
[redacted]nadium	ND	100	92.5	93	100	93.3	93	1	80-120	20
Zinc	ND	100	88.1	88	100	88.4	88	0	80-120	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
SDG NO.: 00B015
METHOD: METHOD 3050B/6010B

MATRIX:	SOIL			% MOISTURE:	NA
DILTN FACTR:	1	1	1		
SAMPLE ID:	MBLK2S				
CONTROL NO.:	IPB006SB	IPB006SL	IPB006SC		
LAB FILE ID:	I31B019010	I31B019011	I31B019012		
DATIME EXTRCTD:	02/04/0018:00	02/04/0018:00	02/04/0018:00	DATE COLLECTED:	NA
DATIME ANALYZD:	02/09/0014:31	02/09/0014:35	02/09/0014:39	DATE RECEIVED:	02/04/00
PREP. BATCH:	IPB006S	IPB006S	IPB006S		
CALIB. REF:	I31B019008	I31B019008	I31B019008		

ACCESSION:

PARAMETER	BLNK RSLT mg/kg	SPIKE AMT mg/kg	BS RSLT mg/kg	BS % REC	SPIKE AMT mg/kg	BSD RSLT mg/kg	BSD % REC	RPD %	QC LIMIT %	MAX RPD %
Arsenic	ND	100	92	92	100	90.6	91	2	80-120	20
Lead^	ND	100	88.8	89	100	88.6	89	0	80-120	20
Selenium	ND	100	92.1	92	100	90.4	90	2	80-120	20
Thallium	ND	100	94.3	94	100	92.7	93	2	80-120	20

^ Analyzed on 02/08/00, File I31B014

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

[redacted]: IT CORPORATION
[redacted]T: MCAS EL TORO/18609/D.O. 70
SDG NO.: 00B015
[redacted]ETHOD: METHOD 3050B/6010B

MATRIX:	SOIL			% MOISTURE:	17.9
[redacted]ILTN FACTR:	1	1	1		
[redacted]MPLE ID:	18609-2747				
[redacted]NTROL NO.:	B015-06	B015-06M	B015-06S		
LAB FILE ID:	I07B020022	I07B020023	I07B020024		
DATIME EXTRCTD:	02/04/0018:00	02/04/0018:00	02/04/0018:00	DATE COLLECTED:	02/02/00
[redacted]TIME ANALYZD:	02/08/0019:18	02/08/0019:24	02/08/0019:29	DATE RECEIVED:	02/03/00
[redacted]EP. BATCH:	IPB005S	IPB005S	IPB005S		
[redacted]ALIB. REF:	I07B020019	I07B020019	I07B020019		

[redacted]CESSION:

PARAMETER	SMPL RSLT mg/kg	SPIKE AMT mg/kg	MS RSLT mg/kg	MS % REC	SPIKE AMT mg/kg	MSD RSLT mg/kg	MSD % REC	RPD %	QC LIMIT %	MAX RPD %
[redacted]uminum	20800	1220	24200	283*	1220	24300	286*	0	80-120	20
[redacted]timony	ND	609	123	20*	609	122	20*	1	80-120	20
Barium	243	122	349	87	122	399	128*	13	80-120	20
[redacted]eryllium	.763	122	106	86	122	106	86	0	80-120	20
[redacted]dmium	ND	122	102	83	122	102	83	0	80-120	20
[redacted]lcium	9100	6090	13700	76*	6090	13600	74*	1	80-120	20
Chromium	18.7	122	121	84	122	122	85	1	80-120	20
[redacted]obalt	8.52	122	110	84	122	110	83	0	80-120	20
[redacted]pper	11.2	122	120	89	122	120	90	0	80-120	20
[redacted]on	24000	1220	24100	2*	1220	24100	5*	0	80-120	20
Magnesium	12300	6090	17900	93	6090	17900	92	0	80-120	20
Man[redacted]ese	364	122	460	78*	122	466	83	1	80-120	20
[redacted]um	ND	122	91.3	75*	122	88.3	72*	3	80-120	20
[redacted]	10.4	122	111	83	122	111	83	0	80-120	20
Potassium	6210	6090	11100	80	6090	11100	80	0	80-120	20
Silver	ND	122	105	86	122	105	86	0	80-120	20
[redacted]dium	ND	6090	5290	87	6090	5230	86	1	80-120	20
[redacted]nadium	54.5	122	157	84	122	157	84	0	80-120	20
Zinc	74.2	122	178	85	122	178	85	0	80-120	20

[redacted] Out of QC limit

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
SDG NO.: 00B015
METHOD: METHOD 3050B/6010B

MATRIX:	SOIL			% MOISTURE:	17.9
DILTN FACTR:	1	1	1		
SAMPLE ID:	18609-2747				
CONTROL NO.:	B015-06	B015-06M	B015-06S		
LAB FILE ID:	I31B017024	I31B017018	I31B017019		
DATIME EXTRCTD:	02/04/0018:00	02/04/0018:00	02/04/0018:00	DATE COLLECTED:	02/02/00
DATIME ANALYZD:	02/08/0018:34	02/08/0018:11	02/08/0018:15	DATE RECEIVED:	02/03/00
PREP. BATCH:	IPB005S	IPB005S	IPB005S		
CALIB. REF:	I31B017020	I31B017008	I31B017008		

ACCESSION:

PARAMETER	SMPL RSLT mg/kg	SPIKE AMT mg/kg	MS RSLT mg/kg	MS % REC	SPIKE AMT mg/kg	MSD RSLT mg/kg	MSD % REC	RPD %	QC LIMIT %	MAX RPD %
Arsenic	5.19	122	110	86	122	109	85	2	80-120	20
Lead	3.84	122	107	85	122	108	85	0	80-120	20
Selenium	ND	122	103	85	122	104	85	1	80-120	20
Thallium	ND	122	110	91	122	109	90	1	80-120	20

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
PROJ. NO.: 00B015
METHOD: METHOD 3050B/6010B

MATRIX:	SOIL			% MOISTURE:	12.8
DILTN FACTR:	1	1	1		
SAMPLE ID:	18609-2767				
CONTROL NO.:	B015-26	B015-26M	B015-26S		
LAB FILE ID:	I07B017022	I07B017023	I07B017024		
DATIME EXTRCTD:	02/04/0018:00	02/04/0018:00	02/04/0018:00	DATE COLLECTED:	02/02/00
DATIME ANALYZD:	02/07/0023:11	02/07/0023:16	02/07/0023:21	DATE RECEIVED:	02/03/00
PREP. BATCH:	IPB006S	IPB006S	IPB006S		
SPLIB. REF:	I07B017019	I07B017019	I07B017019		

ACCESSION:

PARAMETER	SMPL RSLT mg/kg	SPIKE AMT mg/kg	MS RSLT mg/kg	MS % REC	SPIKE AMT mg/kg	MSD RSLT mg/kg	MSD % REC	RPD %	QC LIMIT %	MAX RPD %
Aluminum	14200	1150	17900	324*	1150	19000	424*	6	80-120	20
Antimony	ND	573	177	31*	573	166	29*	6	80-120	20
Barium	216	115	321	92	115	341	110	6	80-120	20
Beryllium	.513	115	104	91	115	105	91	1	80-120	20
Cadmium	ND	115	99	86	115	100	87	1	80-120	20
Calcium	10000	5730	15300	92	5730	16600	114	8	80-120	20
Chromium	13.2	115	116	90	115	118	91	1	80-120	20
Cobalt	6.52	115	108	88	115	110	90	2	80-120	20
Copper	8.8	115	112	90	115	114	92	2	80-120	20
Iron	18000	1150	18900	72*	1150	19900	160*	5	80-120	20
Magnesium	9130	5730	14800	99	5730	15500	112	5	80-120	20
Manganese	292	115	387	83	115	401	94	3	80-120	20
Molybdenum	ND	115	95.7	83	115	95.2	83	1	80-120	20
[illegible]	7.67	115	107	87	115	108	88	1	80-120	20
[illegible]um	4790	5730	9540	83	5730	9890	89	4	80-120	20
Silver	ND	115	102	89	115	103	90	1	80-120	20
Sodium	ND	5730	5280	92	5730	5340	93	1	80-120	20
Vanadium	41.9	115	144	89	115	148	92	2	80-120	20
Zinc	56	115	163	93	115	163	93	0	80-120	20

* Out of QC limit

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
SDG NO.: 00B015
METHOD: METHOD 3050B/6010B

MATRIX:	SOIL			% MOISTURE:	12.8
DILTN FACTR:	1	1	1		
SAMPLE ID:	18609-2767				
CONTROL NO.:	B015-26	B015-26M	B015-26S		
LAB FILE ID:	I31B019024	I31B019030	I31B019031		
DATIME EXTRCTD:	02/04/0018:00	02/04/0018:00	02/04/0018:00	DATE COLLECTED:	02/02/00
DATIME ANALYZD:	02/09/0015:28	02/09/0015:50	02/09/0015:54	DATE RECEIVED:	02/03/00
PREP. BATCH:	IPB006S	IPB006S	IPB006S		
CALIB. REF:	I31B019020	I31B019020	I31B019020		

ACCESSION:

PARAMETER	SMPL RSLT mg/kg	SPIKE AMT mg/kg	MS RSLT mg/kg	MS % REC	SPIKE AMT mg/kg	MSD RSLT mg/kg	MSD % REC	RPD %	QC LIMIT %	MAX RPD %
Arsenic	4.24	115	99.4	83	115	100	84	1	80-120	20
Lead*	2.61	115	98.6	84	115	100	85	2	80-120	20
Selenium	ND	115	93	81	115	93.5	82	0	80-120	20
Thallium	ND	115	99.4	87	115	101	88	1	80-120	20

* Analyzed on 02/08/00, File I31B014

CASE NARRATIVE

CLIENT: IT CORPORATION

PROJECT: MCAS EL TORO/18609/D.O. 70

SDG: 00B015

METHOD 7471A
MERCURY BY COLD VAPOR

Thirty (30) soil and one (1) water samples were received on 02/03/00 for Mercury analyses by method 7471A in accordance with "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW846, third edition.

1. Holding Time

   Digestion and analyses met holding time criteria.

2. Blank

   Method blanks were free of contamination.

3. Matrix Spike/Matrix Spike Duplicate

   Samples B015-01 and B015-27 were spiked. All MS/MSD recoveries were within QC limits.

4. Lab Control Sample/Lab Control Sample Duplicate

   All lab control results were within the control limits.

5. Sample Analysis

   All analyses were performed within the QC requirements.

METHOD 7471A
MERCURY BY COLD VAPOR

Client : IT CORPORATION
Project : MCAS EL TORO/18609/D.O. 70
Batch No. : 00B015

Matrix : SOIL
Instrument ID : TI023

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/kg)	DLF	MOIST	RL (mg/kg)	MDL (mg/kg)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1S	HGB012SB	ND	1	NA	.1	.028	02/09/0011:41	02/09/0011:20	M00B013008	M00B013006	HGB012S	NA	02/09/00
LCS1S	HGB012SL	.851	1	NA	.1	.028	02/09/0011:43	02/09/0011:20	M00B013009	M00B013006	HGB012S	NA	02/09/00
LCD1S	HGB012SC	.846	1	NA	.1	.028	02/09/0011:45	02/09/0011:20	M00B013010	M00B013006	HGB012S	NA	02/09/00
18609-2742	B015-01	ND	1	8.4	.109	.0306	02/09/0011:47	02/09/0011:20	M00B013012	M00B013006	HGB012S	02/02/00	02/03/00
18609-2742MS	B015-01M	.896	1	8.4	.109	.0306	02/09/0011:49	02/09/0011:20	M00B013013	M00B013006	HGB012S	02/02/00	02/03/00
18609-2742MSD	B015-01S	.90	1	8.4	.109	.0306	02/09/0011:50	02/09/0011:20	M00B013014	M00B013006	HGB012S	02/02/00	02/03/00
18609-2742DL	B015-01T	ND	5	8.4	.546	.153	02/09/0011:52	02/09/0011:20	M00B013015	M00B013006	HGB012S	02/02/00	02/03/00
18609-2742AS	B015-01A	.384	1	8.4	.109	.0306	02/09/0011:54	02/09/0011:20	M00B013016	M00B013006	HGB012S	02/02/00	02/03/00
18609-2743	B015-02	ND	1	14.3	.117	.0327	02/09/0011:59	02/09/0011:20	M00B013020	M00B013018	HGB012S	02/02/00	02/03/00
18609-2744	B015-03	ND	1	4.2	.104	.0292	02/09/0012:00	02/09/0011:20	M00B013021	M00B013018	HGB012S	02/02/00	02/03/00
18609-2745	B015-04	ND	1	5.3	.106	.0296	02/09/0012:02	02/09/0011:20	M00B013022	M00B013018	HGB012S	02/02/00	02/03/00
18609-2746	B015-05	ND	1	7.4	.108	.0302	02/09/0012:03	02/09/0011:20	M00B013023	M00B013018	HGB012S	02/02/00	02/03/00
18609-2747	B015-06	ND	1	17.9	.122	.0341	02/09/0012:05	02/09/0011:20	M00B013024	M00B013018	HGB012S	02/02/00	02/03/00
18609-2748	B015-07	ND	1	12.2	.114	.0319	02/09/0012:06	02/09/0011:20	M00B013025	M00B013018	HGB012S	02/02/00	02/03/00
18609-2749	B015-08	ND	1	4.2	.104	.0292	02/09/0012:08	02/09/0011:20	M00B013026	M00B013018	HGB012S	02/02/00	02/03/00
18609-2750	B015-09	ND	1	7.9	.109	.0304	02/09/0012:10	02/09/0011:20	M00B013027	M00B013018	HGB012S	02/02/00	02/03/00
18609-2751	B015-10	ND	1	17.8	.122	.0341	02/09/0012:11	02/09/0011:20	M00B013028	M00B013018	HGB012S	02/02/00	02/03/00
18609-2752	B015-11	ND	1	8.9	.11	.0307	02/09/0012:17	02/09/0011:20	M00B013032	M00B013030	HGB012S	02/02/00	02/03/00
18609-2753	B015-12	ND	1	6.8	.107	.03	02/09/0012:18	02/09/0011:20	M00B013033	M00B013030	HGB012S	02/02/00	02/03/00
18609-2754	B015-13	ND	1	7.6	.108	.0303	02/09/0012:20	02/09/0011:20	M00B013034	M00B013030	HGB012S	02/02/00	02/03/00
18609-2755	B015-14	ND	1	8.9	.11	.0307	02/09/0012:21	02/09/0011:20	M00B013035	M00B013030	HGB012S	02/02/00	02/03/00
18609-2756	B015-15	ND	1	17.2	.121	.0338	02/09/0012:23	02/09/0011:20	M00B013036	M00B013030	HGB012S	02/02/00	02/03/00
MBLK2S	HGB013SB	ND	1	NA	.1	.028	02/09/0013:23	02/09/0012:00	M00B016008	M00B016006	HGB013S	NA	02/09/00
LCS2S	HGB013SL	.836	1	NA	.1	.028	02/09/0013:24	02/09/0012:00	M00B016009	M00B016006	HGB013S	NA	02/09/00
LCD2S	HGB013SC	.831	1	NA	.1	.028	02/09/0013:25	02/09/0012:00	M00B016010	M00B016006	HGB013S	NA	02/09/00
18609-2757	B015-16	ND	1	28.1	.139	.0389	02/09/0013:27	02/09/0012:00	M00B016011	M00B016006	HGB013S	02/02/00	02/03/00
18609-2758	B015-17	ND	1	6.5	.107	.0299	02/09/0013:28	02/09/0012:00	M00B016012	M00B016006	HGB013S	02/02/00	02/03/00
18609-2759	B015-18	ND	1	1.8	.102	.0285	02/09/0013:30	02/09/0012:00	M00B016013	M00B016006	HGB013S	02/02/00	02/03/00
18609-2760	B015-19	ND	1	5.7	.106	.0297	02/09/0013:31	02/09/0012:00	M00B016014	M00B016006	HGB013S	02/02/00	02/03/00
18609-2762	B015-21	ND	1	37.6	.16	.0449	02/09/0013:32	02/09/0012:00	M00B016015	M00B016006	HGB013S	02/02/00	02/03/00
18609-2763	B015-22	ND	1	4.3	.104	.0293	02/09/0013:34	02/09/0012:00	M00B016016	M00B016006	HGB013S	02/02/00	02/03/00
18609-2764	B015-23	ND	1	11.6	.113	.0317	02/09/0013:36	02/09/0012:00	M00B016017	M00B016006	HGB013S	02/02/00	02/03/00
18609-2765	B015-24	ND	1	36.1	.156	.0438	02/09/0013:40	02/09/0012:00	M00B016020	M00B016018	HGB013S	02/02/00	02/03/00
18609-2766	B015-25	ND	1	4.0	.104	.0292	02/09/0013:42	02/09/0012:00	M00B016021	M00B016018	HGB013S	02/02/00	02/03/00
18609-2767	B015-26	ND	1	12.8	.115	.0321	02/09/0013:44	02/09/0012:00	M00B016022	M00B016018	HGB013S	02/02/00	02/03/00
18609-2768	B015-27	ND	1	13.2	.115	.0323	02/09/0013:45	02/09/0012:00	M00B016023	M00B016018	HGB013S	02/02/00	02/03/00
18609-2768MS	B015-27M	.958	1	13.2	.115	.0323	02/09/0013:46	02/09/0012:00	M00B016024	M00B016018	HGB013S	02/02/00	02/03/00
18609-2768MSD	B015-27S	.952	1	13.2	.115	.0323	02/09/0013:48	02/09/0012:00	M00B016025	M00B016018	HGB013S	02/02/00	02/03/00
18609-2768DL	B015-27T	ND	5	13.2	.576	.161	02/09/0013:51	02/09/0012:00	M00B016026	M00B016018	HGB013S	02/02/00	02/03/00
18609-2768AS	B015-27A	.398	1	13.2	.115	.0323	02/09/0013:52	02/09/0012:00	M00B016027	M00B016018	HGB013S	02/02/00	02/03/00
18609-2769	B015-28	ND	1	29.4	.142	.0397	02/09/0013:54	02/09/0012:00	M00B016028	M00B016018	HGB013S	02/02/00	02/03/00
18609-2770	B015-29	ND	1	7.5	.108	.0303	02/09/0013:55	02/09/0012:00	M00B016029	M00B016018	HGB013S	02/02/00	02/03/00
MBLK2S	HGB013SB	ND	1	NA	.1	.028	02/09/0015:27	02/09/0012:00	M00B017008	M00B017006	HGB013S	NA	02/09/00
LCS2S	HGB013SL	.874	1	NA	.1	.028	02/09/0015:28	02/09/0012:00	M00B017009	M00B017006	HGB013S	NA	02/09/00
LCD2S	HGB013SC	.874	1	NA	.1	.028	02/09/0015:30	02/09/0012:00	M00B017010	M00B017006	HGB013S	NA	02/09/00
18609-2771	B015-30	ND	1	2.4	.102	.0287	02/09/0015:32	02/09/0012:00	M00B017011	M00B017006	HGB013S	02/02/00	02/03/00
18609-2772	B015-31	ND	1	14.6	.117	.0328	02/09/0015:33	02/09/0012:00	M00B017012	M00B017006	HGB013S	02/02/00	02/03/00

RL: Reporting Limit

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
SDG NO.: 00B015
METHOD: METHOD 7471A

MATRIX:	SOIL			% MOISTURE:	NA
DILTN FACTR:	1	1	1		
SAMPLE ID:	MBLK1S				
CONTROL NO.:	HGB012SB	HGB012SL	HGB012SC		
LAB FILE ID:	M00B013008	M00B013009	M00B013010		
DATIME EXTRCTD:	02/09/0011:20	02/09/0011:20	02/09/0011:20	DATE COLLECTED:	NA
DATIME ANALYZD:	02/09/0011:41	02/09/0011:43	02/09/0011:45	DATE RECEIVED:	02/09/00
PREP. BATCH:	HGB012S	HGB012S	HGB012S		
CALIB. REF:	M00B013006	M00B013006	M00B013006		

ACCESSION:

PARAMETER	BLNK RSLT mg/kg	SPIKE AMT mg/kg	BS RSLT mg/kg	BS % REC	SPIKE AMT mg/kg	BSD RSLT mg/kg	BSD % REC	RPD %	QC LIMIT %	MAX RPD %
Mercury	ND	.820	.851	104	.820	.846	103	1	77-120	25

7326

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
SDG NO.: 00B015
METHOD: METHOD 7471A

MATRIX:	SOIL			% MOISTURE:	NA
DILTN FACTR:	1	1	1		
SAMPLE ID:	MBLK2S				
CONTROL NO.:	HGB013SB	HGB013SL	HGB013SC		
LAB FILE ID:	M00B016008	M00B016009	M00B016010		
DATIME EXTRCTD:	02/09/0012:00	02/09/0012:00	02/09/0012:00	DATE COLLECTED:	NA
DATIME ANALYZD:	02/09/0013:23	02/09/0013:24	02/09/0013:25	DATE RECEIVED:	02/09/00
PREP. BATCH:	HGB013S	HGB013S	HGB013S		
CALIB. REF:	M00B016006	M00B016006	M00B016006		

ACCESSION:

PARAMETER	BLNK RSLT mg/kg	SPIKE AMT mg/kg	BS RSLT mg/kg	BS % REC	SPIKE AMT mg/kg	BSD RSLT mg/kg	BSD % REC	RPD %	QC LIMIT %	MAX RPD %
Mercury	ND	.820	.836	102	.820	.831	101	0	77-120	25

7327

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
SDG NO.: 008015
METHOD: METHOD 7471A

MATRIX:	SOIL			% MOISTURE:	NA
DILTN FACTR:	1	1	1		
SAMPLE ID:	MBLK2S				
CONTROL NO.:	HGB013SB	HGB013SL	HGB013SC		
LAB FILE ID:	M00B017008	M00B017009	M00B017010		
DATIME EXTRCTD:	02/09/0012:00	02/09/0012:00	02/09/0012:00	DATE COLLECTED:	NA
DATIME ANALYZD:	02/09/0015:27	02/09/0015:28	02/09/0015:30	DATE RECEIVED:	02/09/00
PREP. BATCH:	HGB013S	HGB013S	HGB013S		
CALIB. REF:	M00B017006	M00B017006	M00B017006		

ACCESSION:

PARAMETER	BLNK RSLT mg/kg	SPIKE AMT mg/kg	BS RSLT mg/kg	BS % REC	SPIKE AMT mg/kg	BSD RSLT mg/kg	BSD % REC	RPD %	QC LIMIT %	MAX RPD %
Mercury	ND	.820	.874	107	.820	.874	107	0	77-120	25

7328

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
SDG NO.: 00B015
METHOD: METHOD 7471A

==========

MATRIX:	SOIL			% MOISTURE:	8.4
DILTN FACTR:	1	1	1		
SAMPLE ID:	18609-2742				
CONTROL NO.:	B015-01	B015-01M	B015-01S		
LAB FILE ID:	M00B013012	M00B013013	M00B013014		
DATIME EXTRCTD:	02/09/0011:20	02/09/0011:20	02/09/0011:20	DATE COLLECTED:	02/02/00
DATIME ANALYZD:	02/09/0011:47	02/09/0011:49	02/09/0011:50	DATE RECEIVED:	02/03/00
PREP. BATCH:	HGB012S	HGB012S	HGB012S		
CALIB. REF:	M00B013006	M00B013006	M00B013006		

ACCESSION:

PARAMETER	SMPL RSLT mg/kg	SPIKE AMT mg/kg	MS RSLT mg/kg	MS % REC	SPIKE AMT mg/kg	MSD RSLT mg/kg	MSD % REC	RPD %	QC LIMIT %	MAX RPD %
Mercury	ND	.877	.896	102	.893	.90	101	1	77-120	25

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
SDG NO.: 00B015
METHOD: METHOD 7471A

MATRIX:	SOIL			% MOISTURE:	13.2
DILTN FACTR:	1	1	1		
SAMPLE ID:	18609-2768				
CONTROL NO.:	B015-27	B015-27M	B015-27S		
LAB FILE ID:	M00B016023	M00B016024	M00B016025		
DATIME EXTRCTD:	02/09/0012:00	02/09/0012:00	02/09/0012:00	DATE COLLECTED:	02/02/00
DATIME ANALYZD:	02/09/0013:45	02/09/0013:46	02/09/0013:48	DATE RECEIVED:	02/03/00
PREP. BATCH:	HGB013S	HGB013S	HGB013S		
CALIB. REF:	M00B016018	M00B016018	M00B016018		

ACCESSION:

PARAMETER	SMPL RSLT mg/kg	SPIKE AMT mg/kg	MS RSLT mg/kg	MS % REC	SPIKE AMT mg/kg	MSD RSLT mg/kg	MSD % REC	RPD %	QC LIMIT %	MAX RPD %
Mercury	ND	.943	.958	102	.926	.952	103	1	77-120	25

7330

CASE NARRATIVE

CLIENT: IT CORPORATION

PROJECT: MCAS EL TORO/18609/D.O. 70

SDG: 00B015

METHOD 9010B
TOTAL CYANIDE

Thirty (30) soil and one (1) water samples were received on 02/03/00 for cyanide analyses by method 9010B in accordance with "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW846, third edition.

1. Holding Time

   Digestion and analyses met holding time criteria.

2. Blank

   Method blanks were free of contamination.

3. Matrix Spike

   No matrix sample was analyzed.

4. Duplicate

   No duplicate sample was analyzed.

5. Lab Control Sample/Lab Control Sample Duplicate

   Lab control results were within the control limits.

6. Sample Analysis

   All analyses were performed within the QC requirements.

METHO[illegible]
TOTAL [illegible]DE

Client : IT CORPORATION
Project : MCAS EL TORO/18609/D.O. 70
Batch No. : 00B015

Matrix : SOIL
Instrument ID :

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/kg)	DLF	MOIST	RL (mg/kg)	MDL (mg/kg)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
18609-2742	B015-01	ND	1	8.4	.546	.12	02/05/0017:48	02/04/0016:22	CNB006S-14	CNB006S-8	CNB006S	02/02/00	02/03/00
18609-2742MS	B015-01M	5.43	1	8.4	.546	.12	02/05/0017:49	02/04/0016:22	CNB006S-15	CNB006S-8	CNB006S	02/02/00	02/03/00
18609-2742MSD	B015-01S	5.45	1	8.4	.546	.12	02/05/0017:50	02/04/0016:22	CNB006S-16	CNB006S-8	CNB006S	02/02/00	02/03/00
18609-2743	B015-02	ND	1	14.3	.583	.128	02/05/0017:51	02/04/0016:22	CNB006S-17	CNB006S-8	CNB006S	02/02/00	02/03/00
18609-2744	B015-03	ND	1	4.2	.522	.115	02/05/0017:52	02/04/0016:22	CNB006S-8	CNB006S-8	CNB006S	02/02/00	02/03/00
18609-2745	B015-04	ND	1	5.3	.528	.116	02/05/0017:53	02/04/0016:22	CNB006S-19	CNB006S-8	CNB006S	02/02/00	02/03/00
18609-2746	B015-05	ND	1	7.4	.54	.119	02/05/0017:54	02/04/0016:22	CNB006S-20	CNB006S-8	CNB006S	02/02/00	02/03/00
18609-2747	B015-06	ND	1	17.9	.609	.134	02/05/0017:57	02/04/0016:22	CNB006S-23	CNB006S-21	CNB006S	02/02/00	02/03/00
18609-2748	B015-07	ND	1	12.2	.569	.125	02/05/0017:58	02/04/0016:22	CNB006S-24	CNB006S-21	CNB006S	02/02/00	02/03/00
18609-2749	B015-08	ND	1	4.2	.522	.115	02/05/0017:59	02/04/0016:22	CNB006S-25	CNB006S-21	CNB006S	02/02/00	02/03/00
18609-2750	B015-09	ND	1	7.9	.543	.119	02/05/0018:00	02/04/0016:22	CNB006S-26	CNB006S-21	CNB006S	02/02/00	02/03/00
18609-2751	B015-10	ND	1	17.8	.608	.134	02/05/0018:01	02/04/0016:22	CNB006S-27	CNB006S-21	CNB006S	02/02/00	02/03/00
18609-2752	B015-11	ND	1	8.9	.549	.121	02/05/0018:02	02/04/0016:22	CNB006S-28	CNB006S-21	CNB006S	02/02/00	02/03/00
18609-2753	B015-12	ND	1	6.8	.536	.118	02/05/0018:03	02/04/0016:22	CNB006S-29	CNB006S-21	CNB006S	02/02/00	02/03/00
18609-2754	B015-13	ND	1	7.6	.541	.119	02/05/0018:04	02/04/0016:22	CNB006S-30	CNB006S-21	CNB006S	02/02/00	02/03/00
18609-2755	B015-14	ND	1	8.9	.549	.121	02/05/0018:05	02/04/0016:22	CNB006S-31	CNB006S-21	CNB006S	02/02/00	02/03/00
18609-2756	B015-15	ND	1	17.2	.604	.133	02/05/0018:06	02/04/0016:22	CNB006S-32	CNB006S-21	CNB006S	02/02/00	02/03/00
18609-2757	B015-16	ND	1	28.1	.695	.153	02/05/0018:09	02/04/0016:22	CNB006S-35	CNB006S-33	CNB006S	02/02/00	02/03/00
18609-2758	B015-17	ND	1	6.5	.535	.118	02/05/0018:10	02/04/0016:22	CNB006S-36	CNB006S-33	CNB006S	02/02/00	02/03/00
18609-2759	B015-18	ND	1	1.8	.509	.112	02/05/0018:11	02/04/0016:22	CNB006S-37	CNB006S-33	CNB006S	02/02/00	02/03/00
18609-2760	B015-19	ND	1	5.7	.53	.117	02/07/0017:28	02/07/0016:20	CNB007S-14	CNB007S-8	CNB007S	02/02/00	02/03/00
18609-2762	B015-21	ND	1	37.6	.801	.176	02/07/0017:29	02/07/0016:20	CNB007S-15	CNB007S-8	CNB007S	02/02/00	02/03/00
18609-2763	B015-22	ND	1	4.3	.522	.115	02/07/0017:30	02/07/0016:20	CNB007S-16	CNB007S-8	CNB007S	02/02/00	02/03/00
18609-2764	B015-23	ND	1	11.6	.566	.124	02/07/0017:31	02/07/0016:20	CNB007S-17	CNB007S-8	CNB007S	02/02/00	02/03/00
18609-2765	B015-24	ND	1	36.1	.782	.172	02/07/0017:32	02/07/0016:20	CNB007S-18	CNB007S-8	CNB007S	02/02/00	02/03/00
18609-2766	B015-25	ND	1	4.0	.521	.115	02/07/0017:33	02/07/0016:20	CNB007S-19	CNB007S-8	CNB007S	02/02/00	02/03/00
18609-2767	B015-26	ND	1	12.8	.573	.126	02/07/0017:34	02/07/0016:20	CNB007S-20	CNB007S-8	CNB007S	02/02/00	02/03/00
18609-2768	B015-27	ND	1	13.2	.576	.127	02/07/0017:37	02/07/0016:20	CNB007S-23	CNB007S-21	CNB007S	02/02/00	02/03/00
18609-2769	B015-28	ND	1	29.4	.708	.156	02/07/0017:38	02/07/0016:20	CNB007S-38	CNB007S-21	CNB007S	02/02/00	02/03/00
18609-2770	B015-29	ND	1	7.5	.541	.119	02/07/0017:39	02/07/0016:20	CNB007S-25	CNB007S-21	CNB007S	02/02/00	02/03/00
18609-2770MS	B015-29M	5.24	1	7.5	.541	.119	02/07/0017:40	02/07/0016:20	CNB007S-26	CNB007S-21	CNB007S	02/02/00	02/03/00
18609-2770MSD	B015-29S	5.16	1	7.5	.541	.119	02/07/0017:41	02/07/0016:20	CNB007S-27	CNB007S-21	CNB007S	02/02/00	02/03/00
18609-2771	B015-30	ND	1	2.4	.512	.113	02/07/0017:42	02/07/0016:20	CNB007S-28	CNB007S-21	CNB007S	02/02/00	02/03/00
18609-2772	B015-31	ND	1	14.6	.585	.129	02/07/0017:43	02/07/0016:20	CNB007S-29	CNB007S-21	CNB007S	02/02/00	02/03/00
MBLK1S	CNB006SB	ND	1	NA	.5	.11	02/05/0017:45	02/04/0016:22	CNB006S-11	CNB006S-8	CNB006S	NA	02/04/00
LCS1S	CNB006SL	4.89	1	NA	.5	.11	02/05/0017:46	02/04/0016:22	CNB006S-12	CNB006S-8	CNB006S	NA	02/04/00
LCD1S	CNB006SC	4.95	1	NA	.5	.11	02/05/0017:47	02/04/0016:22	CNB006S-13	CNB006S-8	CNB006S	NA	02/04/00
MBLK2S	CNB007SB	ND	1	NA	.5	.11	02/07/0017:25	02/07/0016:20	CNB007S-11	CNB007S-8	CNB007S	NA	02/07/00
LCS2S	CNB007SL	4.84	1	NA	.5	.11	02/07/0017:26	02/07/0016:20	CNB007S-12	CNB007S-8	CNB007S	NA	02/07/00
LCD2S	CNB007SC	4.77	1	NA	.5	.11	02/07/0017:27	02/07/0016:20	CNB007S-13	CNB006S-8	CNB007S	NA	02/07/00

RL: Reporting Limit

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
METHOD: METHOD 9010B
MATRIX: SOIL
% MOISTURE: NA

BATCH NO.: 00B015
SAMPLE ID: LCS1S/LCD1S
CONTROL NO.: CNB006SL/C

DATE RECEIVED: 02/04/00
DATE EXTRACTED: 02/04/00 16:22
DATE ANALYZED: 02/05/00 17:46/17:47

ACCESSION:

PARAMETER	BLNK RSLT (mg/kg)	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	SPIKE AMT (mg/kg)	BSD RSLT (mg/kg)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
Cyanide	ND	5.00	4.89	98	5.00	4.95	99	1	75-125	20

7368

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
METHOD: METHOD 9010B
MATRIX: SOIL
% MOISTURE: NA

BATCH NO.: 00B015
SAMPLE ID: LCS2S/LCD2S
CONTROL NO.: CNB007SL/C

DATE RECEIVED: 02/07/00
DATE EXTRACTED: 02/07/00 16:20
DATE ANALYZED: 02/07/00 17:26/17:27

ACCESSION:

PARAMETER	BLNK RSLT (mg/kg)	SPIKE AMT (mg/kg)	BS RSLT (mg/kg)	BS % REC	SPIKE AMT (mg/kg)	BSD RSLT (mg/kg)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
Cyanide	ND	5.00	4.84	97	5.00	4.77	95	1	75-125	20

7369

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
METHOD: METHOD 9010B
MATRIX: SOIL
% MOISTURE: 8.4

BATCH NO.: 008015
SAMPLE ID: 18609-2742MS/MSD
CONTROL NO.: 8015-01M/S

DATE RECEIVED: 02/03/00
DATE EXTRACTED: 02/04/00 16:22
DATE ANALYZED: 02/05/00 17:49/17:50

ACCESSION:

PARAMETER	SMPL RSLT (mg/kg)	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
Cyanide	ND	5.37	5.44	101	5.35	5.45	102	0	75-125	20

7370

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: IT CORPORATION
PROJECT: MCAS EL TORO/18609/D.O. 70
METHOD: METHOD 9010B
MATRIX: SOIL
% MOISTURE: 7.5

BATCH NO.: 00B015
SAMPLE ID: 18609-2770MS/MSD
CONTROL NO.: B015-29M/S

DATE RECEIVED: 02/03/00
DATE EXTRACTED: 02/07/00 16:20
DATE ANALYZED: 02/07/00 17:40/17:41

ACCESSION:

PARAMETER	SMPL RSLT (mg/kg)	SPIKE AMT (mg/kg)	MS RSLT (mg/kg)	MS % REC	SPIKE AMT (mg/kg)	MSD RSLT (mg/kg)	MSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
Cyanide	ND	5.32	5.23	98	5.30	5.16	97	1	75-125	20

7371

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: MCAS El Toro

Collection Date: February 2, 2000

LDC Report Date: March 23, 2000

Matrix: Soil/Water

Parameters: Volatiles

Validation Level: NFESC Level C & D

Laboratory: EMAX Laboratories, Inc.

Sample Delivery Group (SDG): 00B015

Sample Identification

18609-2742	18609-2762
18609-2743	18609-2763
18609-2744	18609-2764
18609-2745	18609-2765
18609-2746	18609-2766
18609-2747	18609-2767
18609-2748	18609-2768
18609-2749	18609-2769
18609-2750	18609-2770
18609-2751	18609-2771
18609-2752	18609-2772
18609-2753**	18609-2773
18609-2754	18609-2771MS
18609-2755	18609-2771MSD
18609-2756	
18609-2757	
18609-2758	
18609-2759	
18609-2760	
18609-2761	

**Indicates sample underwent NFESC Level D review

Introduction

This data review covers 32 soil samples and 2 water samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8260A for Volatiles.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (February 1994) as there are no current guidelines for the method stated above.

A table summarizing all data qualification is provided at the end of this report. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Blank results are summarized in Section V.

Field duplicates are summarized in Section XVI.

Samples indicated by a double asterisk on the front cover underwent a NFESC Level D review. A NFESC Level C review was performed on all of the other samples. Raw data were not evaluated for the samples reviewed by Level C criteria since this review is based on QC data.

The following are definitions of the data qualifiers:

U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.

J Indicates an estimated value.

R Quality control indicates the data is not usable.

N Presumptive evidence of presence of the constituent.

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration

Initial calibration was performed using required standard concentrations.

Percent relative standard deviations (%RSD) were less than or equal to 30.0% for all calibration check compounds and less than or equal to 50.0% for all other compounds.

Average relative response factors (RRF) for all semivolatile target compounds and system monitoring compounds were greater than or equal to 0.05 as required.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

All of the continuing calibration percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were less than or equal to 20.0% for all calibration check compounds and less than or equal to 50.0% for all other compounds.

All of the continuing calibration RRF values were within validation criteria with the following exceptions:

Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
2/10/00	Acetone	0.038 (≥0.05)	18609-2763 18609-2764 18609-2765 18609-2766 18609-2767 18609-2768 18609-2769 18609-2770 18609-2771 18609-2772 18609-2771MS 18609-2771MSD MBLK7S MBLK8S	J (all detects) UJ (all non-detects)	A

Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
2/10/00	Acetone	0.047 (≥0.05)	18609-2742 18609-2743 18609-2747 18609-2748 18609-2749 18609-2750 18609-2751 18609-2752 18609-2753** 18609-2755	J (all detects) UJ (all non-detects)	A

V. Blanks

Method blanks were reviewed for each matrix as applicable. No volatile contaminants were found in the method blanks with the following exceptions:

Method Blank ID	Analysis Date	Compound TIC (RT in minutes)	Concentration	Associated Samples
MBLK1W	2/5/00	Methylene chloride	9.8 ug/L	18609-2761 18609-2773
MBLK1S	2/5/00	Methylene chloride	2.5 ug/Kg	18609-2744 18609-2745 18609-2746
MBLK2S	2/5/00	Methylene chloride	4.7 ug/Kg	18609-2744 18609-2745 18609-2746
MBLK3S	2/5/00	Methylene chloride	9.8 ug/Kg	18609-2754 18609-2756 18609-2757 18609-2758 18609-2759 18609-2760 18609-2761 18609-2762
MBLK4S	2/6/00	Methylene chloride Trichloroethene	6 ug/Kg 34 ug/Kg	18609-2754 18609-2756 18609-2757 18609-2758 18609-2759 18609-2760 18609-2761 18609-2762

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>10X for common contaminants, >5X for other contaminants) than the concentrations found

in the associated method blanks with the following exceptions:

Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
18609-2761	Methylene chloride	4.1 ug/L	5U ug/L
18609-2773	Methylene chloride	5.7 ug/L	5.7U ug/L
18609-2744	Methylene chloride	3.2 ug/Kg	5.2U ug/Kg
18609-2745	Methylene chloride	3.6 ug/Kg	5.8U ug/Kg
18609-2746	Methylene chloride	4.3 ug/Kg	5.4U ug/Kg
18609-2754	Methylene chloride	4.3 ug/Kg	7U ug/Kg
18609-2756	Methylene chloride	3.5 ug/Kg	5.6U ug/Kg
18609-2757	Methylene chloride	5.1 ug/Kg	7.6U ug/Kg
18609-2758	Methylene chloride	5 ug/Kg	5.3U ug/Kg
18609-2759	Methylene chloride	6.3 ug/Kg	6.3U ug/Kg
18609-2760	Methylene chloride	5.6 ug/Kg	5.8U ug/Kg
18609-2762	Methylene chloride	4.7 ug/Kg	8.8U ug/Kg

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Internal Standards

All internal standard areas and retention times were within QC limits.

XI. Target Compound Identifications

All target compound identifications were within validation criteria for samples on which a NFESC Level D review was performed. Raw data were not evaluated for the samples reviewed by Level C criteria.

XII. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which a NFESC Level D review was performed. Raw data were not evaluated for the samples reviewed by Level C criteria.

XIII. Tentatively Identified Compounds (TICs)

Tentatively identified compounds not reported by the laboratory.

XIV. System Performance

The system performance was within validation criteria for samples on which a NFESC Level D review was performed. Raw data were not evaluated for the samples reviewed by Level C criteria.

XV. Overall Assessment of Data

Data flags have been summarized at the end of the report.

XVI. Field Duplicates

Samples 18609-2752 and 18609-2753** and samples 18609-2770 and 18609-2771 were identified as field duplicates. No volatiles were detected in any of the samples with the following exceptions:

Compound	Concentration (ug/Kg)		RPD
	18609-2752	18609-2753**	
Acetone	11	16	37

Compound	Concentration (ug/Kg)		RPD
	18609-2770	18609-2771	
Acetone	20	12	50

XVII. Field Blanks

Sample 18609-2773 was identified as a trip blank. No volatile contaminants were found in this blank with the following exceptions:

Trip Blank ID	Compound	Concentration (ug/L)
18609-2773	Methylene chloride	5.7

MCAS El Toro
Volatiles - Data Qualification Summary - SDG 00B015

SDG	Sample	Compound	Flag	A or P	Reason
00B015	18609-2763 18609-2764 18609-2765 18609-2766 18609-2767 18609-2768 18609-2769 18609-2770 18609-2771 18609-2772 18609-2742 18609-2743 18609-2747 18609-2748 18609-2749 18609-2750 18609-2751 18609-2752 18609-2753** 18609-2755	Acetone	J (all detects) UJ (all non-detects)	A	Continuing calibration (RRF)

MCAS El Toro
Volatiles - Laboratory Blank Data Qualification Summary - SDG 00B015

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
00B015	18609-2761	Methylene chloride	5U ug/L	A
00B015	18609-2773	Methylene chloride	5.7U ug/L	A
00B015	18609-2744	Methylene chloride	5.2U ug/Kg	A
00B015	18609-2745	Methylene chloride	5.8U ug/Kg	A
00B015	18609-2746	Methylene chloride	5.4U ug/Kg	A
00B015	18609-2754	Methylene chloride	7U ug/Kg	A
00B015	18609-2756	Methylene chloride	5.6U ug/Kg	A
00B015	18609-2757	Methylene chloride	7.6U ug/Kg	A
00B015	18609-2758	Methylene chloride	5.3U ug/Kg	A

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
00B015	18609-2759	Methylene chloride	6.3U ug/Kg	A
00B015	18609-2760	Methylene chloride	5.8U ug/Kg	A
00B015	18609-2762	Methylene chloride	8.8U ug/Kg	A

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: MCAS El Toro

Collection Date: February 2, 2000

LDC Report Date: March 24, 2000

Matrix: Soil/Water

Parameters: Semivolatiles

Validation Level: NFESC Level C & D

Laboratory: EMAX Laboratories, Inc.

Sample Delivery Group (SDG): 00B015

Sample Identification

18609-2742	18609-2762
18609-2743	18609-2763
18609-2744	18609-2764
18609-2745	18609-2765
18609-2746	18609-2766
18609-2747	18609-2767
18609-2748	18609-2768
18609-2749	18609-2769
18609-2750	18609-2770
18609-2751	18609-2771
18609-2752	18609-2772
18609-2753**	18609-2747MS
18609-2754	18609-2747MSD
18609-2755	18609-2767MS
18609-2756	18609-2767MSD
18609-2757	
18609-2758	
18609-2759	
18609-2760	
18609-2761	

**Indicates sample underwent NFESC Level D review

Introduction

This data review covers 34 soil samples and one water sample listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8270B for Semivolatiles.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (February 1994) as there are no current guidelines for the method stated above.

A table summarizing all data qualification is provided at the end of this report. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Blank results are summarized in Section V.

Field duplicates are summarized in Section XVI.

Samples indicated by a double asterisk on the front cover underwent a NFESC Level D review. A NFESC Level C review was performed on all of the other samples. Raw data were not evaluated for the samples reviewed by Level C criteria since this review is based on QC data.

The following are definitions of the data qualifiers:

U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.

J Indicates an estimated value.

R Quality control indicates the data is not usable.

N Presumptive evidence of presence of the constituent.

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration

Initial calibration was performed using required standard concentrations.

Percent relative standard deviations (%RSD) were less than or equal to 30.0% for all calibration check compounds and less than or equal to 50.0% for all other compounds.

Average relative response factors (RRF) for all semivolatile target compounds and system monitoring compounds were greater than or equal to 0.05 as required.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

All of the continuing calibration percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were less than or equal to 20.0% for all calibration check compounds and less than or equal to 50.0% for all other compounds with the following exceptions:

Date	Compound	%D	Associated Samples	Flag	A or P
2/8/00	Hexachlorocyclopentadiene	67.2	18609-2752 18609-2753** 18609-2754 18609-2755 18609-2756 18609-2747MS 18609-2747MSD	J (all detects) UJ (all non-detects)	A

All of the continuing calibration RRF values were greater than or equal to 0.05 .

V. Blanks

Method blanks were reviewed for each matrix as applicable. No semivolatile contaminants were found in the method blanks with the following exceptions:

Method Blank ID	Extraction Date	Compound TIC (RT in minutes)	Concentration	Associated Samples
MBLK1W	2/7/00	Bis(2-ethylhexyl)phthalate	3.3 ug/L	All water samples in SDG 00B015

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>10X for common contaminants, >5X for other contaminants) than the concentrations found in the associated method blanks.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
18609-2767MS/MSD	1,2,4-Trichlorobenzene	-	-	50 (≤30)	J (all detects)	A
(18609-2757	1,4-Dichlorobenzene	-	-	47 (≤30)	UJ (all non-detects)	
18609-2758	2-Chlorophenol	-	-	46 (≤30)		
18609-2759	4-Chloro-3-methylphenol	-	-	45 (≤30)		
18609-2760	4-Nitrophenol	-	-	41 (≤30)		
18609-2762	N-Nitroso-di-n-propylamine	-	-	45 (≤30)		
18609-2763	Phenol	-	-	47 (≤30)		
18609-2764						
18609-2765						
18609-2766						
18609-2767						
18609-2768						
18609-2769						
18609-2770						
18609-2771						
18609-2772)			-			

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Internal Standards

All internal standard areas and retention times were within QC limits.

XI. Target Compound Identifications

All target compound identifications were within validation criteria for samples on which a NFESC Level D review was performed. Raw data were not evaluated for the samples reviewed by Level C criteria.

XII. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which a NFESC Level D review was performed. Raw data were not evaluated for the samples reviewed by Level C criteria.

XIII. Tentatively Identified Compounds (TICs)

Tentatively identified compounds were not reported by the laboratory.

XIV. System Performance

The system performance was within validation criteria for samples on which a NFESC Level D review was performed. Raw data were not evaluated for the samples reviewed by Level C criteria.

XV. Overall Assessment

Data flags have been summarized at the end of the report.

XVI. Field Duplicates

Samples 18609-2752 and 18609-2753** and samples 18609-2770 and 18609-2771 were identified as field duplicates. No volatiles were detected in any of the samples.

XVII. Field Blanks

No field blanks were identified in this SDG.

MCAS El Toro
Semivolatiles - Data Qualification Summary - SDG 00B015

SDG	Sample	Compound	Flag	A or P	Reason
00B015	18609-2752 18609-2753** 18609-2754 18609-2755 18609-2756	Hexachlorocyclopentadiene	J (all detects) UJ (all non-detects)	A	*Continuing calibration* (%D)
00B015	18609-2757 18609-2758 18609-2759 18609-2760 18609-2762 18609-2763 18609-2764 18609-2765 18609-2766 18609-2767 18609-2768 18609-2769 18609-2770 18609-2771 18609-2772)	1,2,4-Trichlorobenzene 1,4-Dichlorobenzene 2-Chlorophenol 4-Chloro-3-methylphenol 4-Nitrophenol N-Nitroso-di-n-propylamine Phenol	J (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (RPD)

MCAS El Toro
Semivolatiles - Laboratory Blank Data Qualification Summary - SDG 00B015

No Sample Data Qualified in this SDG

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: MCAS El Toro

Collection Date: February 2, 2000

LDC Report Date: March 30, 2000

Matrix: Soil/Water

Parameters: Herbicides

Validation Level: NFESC Level C & D

Laboratory: EMAX Laboratories, Inc.

Sample Delivery Group (SDG): 00B015

Sample Identification

18609-2742	18609-2761
18609-2742RE	18609-2762
18609-2743	18609-2763
18609-2744	18609-2764
18609-2745	18609-2765
18609-2746	18609-2766
18609-2747	18609-2767
18609-2748	18609-2768
18609-2749	18609-2769
18609-2750	18609-2770
18609-2751	18609-2771
18609-2752	18609-2772
18609-2753**	18609-2744MS
18609-2754	18609-2744MSD
18609-2755	18609-2759MS
18609-2756	18609-2759MSD
18609-2757	
18609-2758	
18609-2759	
18609-2760	

**Indicates sample underwent NFESC Level D review

Introduction

This data review covers 35 soil samples and one water sample listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8151A for Herbicides.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (February 1994) as there are no current guidelines for the method stated above.

A table summarizing all data qualification flags is provided at the end of this report. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Blank results are summarized in Section III.

Field duplicates are summarized in Section IX.

Samples indicated by a double asterisk on the front cover underwent NFESC Level D review. NFESC Level C review was performed on all of the other samples. Raw data were not evaluated for the samples reviewed by NFESC Level C criteria since this review is based on QC data.

The following are definitions of the data qualifiers:

U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.

J Indicates an estimated value.

R Quality control indicates the data is not usable.

N Presumptive evidence of presence of the constituent.

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

None Indicates the data was not significantly-impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Calibration

a. Initial Calibration

Initial calibration of compounds was performed for the primary (quantitation) column and confirmation column as required by this method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all compounds.

Retention time windows were evaluated and considered technically acceptable for samples on which NFESC Level D review was performed. Raw data were not evaluated for the samples on which NFESC Level C review was performed.

b. Calibration Verification

Calibration verification was performed at the required frequencies.

The percent differences (%D) of calibration factors in continuing standard mixtures were within the 15.0% QC limits.

Retention times (RT) of all compounds in the calibration standards were within QC limits for samples on which NFESC Level D review was performed. Raw data were not evaluated for the samples on which NFESC Level C review was performed.

III. Blanks

Method blanks were reviewed for each matrix as applicable. No herbicide contaminants were found in the method blanks.

IV. Accuracy and Precision Data

a. Surrogate Recovery

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits with the following exceptions:

Sample	Column	Surrogate	%R (Limits)	Compound	Flag	A or P
18609-2742	Not specified	Dichlorophenyl acetic acid	18 (30-150)	All TCL compounds	J (all detects) UJ (all non-detects)	A
18609-2742RE	Not specified	Dichlorophenyl acetic acid	20 (30-150)	All TCL compounds	J (all detects) UJ (all non-detects)	A

b. Matrix Spike/(Matrix Spike) Duplicate

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable.

Recalculated results confirm the reported results with the following exceptions:

Spike ID (Associated Samples)	Compound	Reported (%R)	Recalculated (%R)	Flag	A or P
18609-2744MS/MSD (18609-2742 18609-2743 18609-2745 18609-2746 18609-2747 18609-2749 18609-2750 18609-2751 18609-2752 18609-2753** 18609-2754 18609-2755 18609-2756 18609-2757 18609-2758)	2,4-DB	160	55	None	P

Spike ID (Associated Samples)	Compound	Reported (RPD)	Recalculated (RPD)	Flag	A or P
18609-2744MS/MSD (18609-2742 18609-2743 18609-2745 18609-2746 18609-2747 18609-2749 18609-2750 18609-2751 18609-2752 18609-2753** 18609-2754 18609-2755 18609-2756 18609-2757 18609-2758)	2,4-DB	170	48	None	P

Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
18609-2744MS/MSD (18609-2742 18609-2743 18609-2745 18609-2746 18609-2747 18609-2749 18609-2750 18609-2751 18609-2752 18609-2753** 18609-2754 18609-2755 18609-2756 18609-2757 18609-2758)	2,4-DB	160 (30-150)	13 (30-150)	170 (≤50)	J (all detects) UJ (all non-detects)	A
18609-2744MS/MSD (18609-2742 18609-2743 18609-2745 18609-2746 18609-2747 18609-2749 18609-2750 18609-2751 18609-2752 18609-2753** 18609-2754 18609-2755 18609-2756 18609-2757 18609-2758)	Dinoseb	14 (30-150)	0 (30-150)	200 (≤50)	J (all detects) R (all non-detects)	A

Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
18609-2759MS/MSD (18609-2742RE 18609-2744 18609-2748 18609-2759 18609-2760 18609-2761 18609-2762 18609-2763 18609-2764 18609-2765 18609-2766 18609-2767 18609-2768 18609-2769 18609-2770 18609-2771 18609-2772)	Dinoseb	0 (30-150)	12 (30-150)	200 (≤50)	J (all detects) R (all non-detects)	A

c. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

LCS ID (Associated Samples)	Compound	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Flag	A or P
HWB002WC/WL (All water samples in SDG 00B015)	2,4,5-TP	-	-	65 (≤30)	J (all detects) UJ (all non-detects)	P

V. Target Compound Identification

All target compound identifications were within validation criteria for samples on which NFESC Level D review was performed. Raw data were not evaluated for the samples reviewed by NFESC Level C criteria.

VI. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which NFESC Level D review was performed. Raw data were not evaluated for the samples reviewed by NFESC Level C criteria.

VII. System Performance

The system performance was within validation criteria for samples on which NFESC Level D review was performed. Raw data were not evaluated for the samples reviewed by NFESC Level C criteria.

VIII. Overall Assessment of Data

Data flags are summarized at the end of this report.

IX. Field Duplicates

Samples 18609-2752 and 18609-2753** and samples 18609-2770 and 18609-2771 were identified as field duplicates. No herbicides were detected in any of the samples.

X. Field Blanks

No field blanks were identified in this SDG.

MCAS El Toro
Herbicides - Data Qualification Summary - SDG 00B015

SDG	Sample	Compound	Flag	A or P	Reason
00B015	18609-2742 18609-2742RE	All TCL compounds	J (all detects) UJ (all non-detects)	A	Surrogate recovery (%R)
00B015	18609-2742 18609-2743 18609-2745 18609-2746 18609-2747 18609-2749 18609-2750 18609-2751 18609-2752 18609-2753** 18609-2754 18609-2755 18609-2756 18609-2757 18609-2758	2,4-DB	None	P	Matrix spike/Matrix spike duplicates (%R)(RPD)
00B015	18609-2742 18609-2743 18609-2745 18609-2746 18609-2747 18609-2749 18609-2750 18609-2751 18609-2752 18609-2753** 18609-2754 18609-2755 18609-2756 18609-2757 18609-2758	2,4-DB	J (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)(RPD)

SDG	Sample	Compound	Flag	A or P	Reason
00B015	18609-2742 18609-2742RE 18609-2743 18609-2744 18609-2745 18609-2746 18609-2747 18609-2748 18609-2749 18609-2750 18609-2751 18609-2752 18609-2753** 18609-2754 18609-2755 18609-2756 18609-2757 18609-2758 18609-2759 18609-2760 18609-2761 18609-2762 18609-2763 18609-2764 18609-2765 18609-2766 18609-2767 18609-2768 18609-2769 18609-2770 18609-2771 18609-2772	Dinoseb	J (all detects) R (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)(RPD)
00B015	18609-2761	2,4,5-TP	J (all detects) UJ (all non-detects)	P	Laboratory control samples (%R)

MCAS El Toro
Herbicides - Laboratory Blank Data Qualification Summary - SDG 00B015

No Sample Data Qualified in this SDG

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: MCAS El Toro

Collection Date: February 2, 2000

LDC Report Date: March 30, 2000

Matrix: Soil/Water

Parameters: Chlorinated Pesticides

Validation Level: NFESC Level C & D

Laboratory: EMAX Laboratories, Inc.

Sample Delivery Group (SDG): 00B015

Sample Identification

18609-2742	18609-2762
18609-2743	18609-2762DL
18609-2744	18609-2763
18609-2745	18609-2764
18609-2746	18609-2765
18609-2747	18609-2766
18609-2748	18609-2767
18609-2749	18609-2768
18609-2750	18609-2769
18609-2751	18609-2770
18609-2752	18609-2771
18609-2753**	18609-2772
18609-2754	18609-2744MS
18609-2755	18609-2744MSD
18609-2756	18609-2771MS
18609-2757	18609-2771MSD
18609-2758	
18609-2759	
18609-2760	
18609-2761	

**Indicates sample underwent NFESC Level D review.

Introduction

This data review covers 35 soil samples and one water sample listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8081 for Chlorinated Pesticides.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (February 1994) as there are no current guidelines for the method stated above.

A table summarizing all data qualification flags is provided at the end of this report. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Blank results are summarized in Section V.

Field duplicates are summarized in Section XIV.

Samples indicated by a double asterisk on the front cover underwent a NFESC Level D review. A NFESC Level C review was performed on all other samples. Raw data were not evaluated for the samples reviewed by Level C criteria since this review is based on QC data.

The following are definitions of the data qualifiers:

U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.

J Indicates an estimated value.

R Quality control indicates the data is not usable.

N Presumptive evidence of presence of the constituent.

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/ECD Instrument Performance Check

Instrument performance was acceptable unless noted otherwise under initial calibration and continuing calibration sections.

III. Initial Calibration

Initial calibration of single and multicomponent compounds was performed for the primary (quantitation) column and confirmation column as required by this method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all compounds.

Retention time windows were evaluated and considered technically acceptable for samples on which a NFESC Level D review was performed. Raw data were not evaluated for the samples on which a Level C review was performed.

IV. Continuing Calibration

Continuing calibration was performed at required frequencies.

The percent differences (%D) of calibration factors in continuing standard mixtures were within the 15.0% QC limits with the following exceptions:

Date	Standard	Channel	Compound	%D	Associated Samples	Flag	A or P
2/10/00 (12:34)	WB07077B	B	Methoxychlor	24	18609-2758 18609-2759 18609-2760 18609-2762 18609-2763 CPB009SB(BLK)	J (all detects) UJ (all non-detects)	A

Date	Standard	Channel	Compound	%D	Associated Samples	Flag	A or P
2/10/00 (20:43)	WB07094B	B	Methoxychlor	16	18609-2742 18609-2743 18609-2744 18609-2767 18609-2768 18609-2769 18609-2770 18609-2771 18609-2772 18609-2744MS 18609-2744MSD 18609-2771MS 18609-2771MSD CPB007SB(BLK)	J (all detects) UJ (all non-detects)	A
2/11/00	WB07136B	B	Methoxychlor	30	18609-2745 18609-2746 18609-2747 18609-2748 18609-2749 18609-2750 18609-2751 18609-2752 18609-2753** 18609-2754 18609-2755 18609-2756 18609-2757 18609-2762DL 18609-2764 18609-2765 18609-2766	J (all detects) UJ (all non-detects)	A

Retention times (RT) of all compounds in the calibration standards were within QC limits for samples on which a NFESC Level D review was performed. Raw data were not evaluated for the samples on which a Level C review was performed.

The individual 4,4'-DDT and Endrin breakdowns were less than 15.0% .

V. Blanks

Method blanks were reviewed for each matrix as applicable. No chlorinated pesticide contaminants were found in the method blanks.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Pesticide Cleanup Checks

a. Florisil Cartridge Check

Florisil cleanup was not required and therefore not performed in this SDG.

b. GPC Calibration

GPC cleanup was not required and therefore not performed in this SDG.

XI. Target Compound Identification

All target compound identifications were within validation criteria for samples on which a NFESC Level D review was performed. Raw data were not evaluated for the samples reviewed by Level C criteria.

XII. Compound Quantitation and Reported CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an NFESC Level D review was performed with the following exception:

Sample	Compound	Finding	Criteria	Flag	A or P
18609-2762	4,4'-DDE	Sample result exceeded calibration range.	Reported result should be within calibration range.	J (all detects)	A

Raw data were not evaluated for the samples reviewed by Level C criteria.

XIII. Overall Assessment of Data

Data flags are summarized at the end of this report.

XIV. Field Duplicates

Samples 18609-2752 and 18609-2753** and samples 18609-2770 and 18609-2771 were identified as field duplicates. No chlorinated pesticides were detected in any of the samples with the following exceptions:

Compound	Concentration (ug/Kg)		RPD
	18609-2752	18609-2753**	
Heptachlor	0.022U	0.0012	200

XV. Field Blanks

No field blanks were identified in this SDG.

MCAS El Toro
Chlorinated Pesticides - Data Qualification Summary - SDG 00B015

SDG	Sample	Compound	Flag	A or P	Reason
00B015	18609-2758 18609-2759 18609-2760 18609-2762 18609-2763 18609-2742 18609-2743 18609-2744 18609-2767 18609-2768 18609-2769 18609-2770 18609-2771 18609-2772 18609-2745 18609-2746 18609-2747 18609-2748 18609-2749 18609-2750 18609-2751 18609-2752 18609-2753** 18609-2754 18609-2755 18609-2756 18609-2757 18609-2762DL 18609-2764 18609-2765 18609-2766	Methoxychlor	J (all detects) UJ (all non-detects)	A	Continuing calibration (%D)
00B015	18609-2762	4,4'-DDE	J (all detects)	A	Compound quantitation and CRQLs

MCAS El Toro
Chlorinated Pesticides - Laboratory Blank Data Qualification Summary - SDG 00B015

No Sample Data Qualified in this SDG

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: MCAS El Toro

Collection Date: February 2, 2000

LDC Report Date: March 31, 2000

Matrix: Soil/Water

Parameters: Polychlorinated Biphenyls

Validation Level: NFESC Level C & D

Laboratory: EMAX Laboratories, Inc.

Sample Delivery Group (SDG): 00B015

Sample Identification

18609-2742	18609-2762
18609-2743	18609-2763
18609-2744	18609-2764
18609-2745	18609-2765
18609-2746	18609-2766
18609-2747	18609-2767
18609-2748	18609-2768
18609-2749	18609-2769
18609-2750	18609-2770
18609-2751	18609-2771
18609-2752	18609-2772
18609-2753**	18609-2744MS
18609-2754	18609-2744MSD
18609-2755	18609-2771MS
18609-2756	18609-2771MSD
18609-2757	
18609-2758	
18609-2759	
18609-2760	
18609-2761	

**Indicates sample underwent NFESC Level D review.

Introduction

This data review covers 34 soil samples and one water sample listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8082 for Polychlorinated Biphenyls.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (February 1994) as there are no current guidelines for the method stated above.

A table summarizing all data qualification flags is provided at the end of this report. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Blank results are summarized in Section V.

Field duplicates are summarized in Section XIV.

Samples indicated by a double asterisk on the front cover underwent a NFESC Level D review. A NFESC Level C review was performed on all other samples. Raw data were not evaluated for the samples reviewed by Level C criteria since this review is based on QC data.

The following are definitions of the data qualifiers:

U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.

J Indicates an estimated value.

R Quality control indicates the data is not usable.

N Presumptive evidence of presence of the constituent.

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/ECD Instrument Performance Check

Instrument performance was acceptable unless noted otherwise under initial calibration and continuing calibration sections.

III. Initial Calibration

Initial calibration of multicomponent compounds was performed for the primary (quantitation) column as required by the method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all compounds.

Retention time windows were evaluated and considered technically acceptable for samples on which a NFESC Level D review was performed. Raw data were not evaluated for the samples on which a Level C review was performed.

IV. Continuing Calibration

Continuing calibration was performed at required frequencies.

The percent differences (%D) of calibration factors in continuing standard mixtures were within the 15.0% QC limits.

Retention times (RT) of all compounds in the calibration standards were within QC limits for samples on which a NFESC Level D review was performed. Raw data were not evaluated for the samples on which a Level C review was performed.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No polychlorinated biphenyl contaminants were found in the method blanks.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Pesticide Cleanup Checks

a. Florisil Cartridge Check

Florisil cleanup was not required and therefore not performed in this SDG.

b. GPC Calibration

GPC cleanup was not required and therefore not performed in this SDG.

XI. Target Compound Identification

All target compound identifications were within validation criteria for samples on which a NFESC Level D review was performed. Raw data were not evaluated for the samples reviewed by Level C criteria.

XII. Compound Quantitation and Reported CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an NFESC Level D review was performed. Raw data were not evaluated for the samples reviewed by Level C criteria.

XIII. Overall Assessment of Data

Data flags are summarized at the end of this report.

XIV. Field Duplicates

Samples 18609-2752 and 18609-2753** and samples 18609-2770 and 18609-2771 were identified as field duplicates. No polychlorinated biphenyls were detected in any of the samples.

XV. Field Blanks

No field blanks were identified in this SDG.

MCAS El Toro
Polychlorinated Biphenyls - Data Qualification Summary - SDG 00B015

No Sample Data Qualified in this SDG

MCAS El Toro
Polychlorinated Biphenyls - Laboratory Blank Data Qualification Summary - SDG 00B015

No Sample Data Qualified in this SDG

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: MCAS El Toro

Collection Date: February 2, 2000

LDC Report Date: March 29, 2000

Matrix: Soil/Water

Parameters: Total Petroleum Hydrocarbons as Gasoline

Validation Level: NFESC Level C & D

Laboratory: EMAX Laboratories, Inc.

Sample Delivery Group (SDG): 00B015

Sample Identification

18609-2742	18609-2762
18609-2743	18609-2763
18609-2744	18609-2764
18609-2745	18609-2765
18609-2746	18609-2766
18609-2747	18609-2767
18609-2748	18609-2768
18609-2749	18609-2769
18609-2750	18609-2770
18609-2751	18609-2771
18609-2752	18609-2772
18609-2753**	18609-2756MS
18609-2754	18609-2756MSD
18609-2755	18609-2772MS
18609-2756	18609-2772MSD
18609-2757	
18609-2758	
18609-2759	
18609-2760	
18609-2761	

*Indicates sample underwent NFESC Level D review

Introduction

This data review covers 34 soil samples and one water sample listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8015 modified for Total Petroleum Hydrocarbons (TPH) as Gasoline.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (February 1994) as there are no current guidelines for the method stated above.

A table summarizing all data qualification is provided at the end of this report. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Blank results are summarized in Section III.

Field duplicates are summarized in Section IX.

Samples indicated by a double asterisk on the front cover underwent a NFESC Level D review. A NFESC Level C review was performed on all of the other samples. Raw data were not evaluated for the samples reviewed by Level C criteria since this review is based on QC data.

The following are definitions of the data qualifiers:

U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.

J Indicates an estimated value.

R Quality control indicates the data is not usable.

N Presumptive evidence of presence of the constituent.

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Calibration

a. Initial Calibration

Initial calibration of compounds was performed as required by the method.

The percent relative standard deviations (%RSD) of calibration factors for compounds were less than or equal to 20.0% .

b. Calibration Verification

Calibration verification was performed at required frequencies. The percent differences (%D) of amounts in continuing standard mixtures were within the 15.0% QC limits.

III. Blanks

Method blanks were reviewed for each matrix as applicable. No total petroleum hydrocarbons as gasoline contaminants were found in the method blanks.

IV. Accuracy and Precision Data

a. Surrogate Recovery

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

b. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

c. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

V. Target Compound Identification

All target compound identifications were within validation criteria for samples on which a NFESC Level D review was performed. Raw data were not evaluated for the samples reviewed by Level C criteria.

VI. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which a NFESC Level D review was performed. Raw data were not evaluated for the samples reviewed by Level C criteria.

VII. System Performance

The system performance was within validation criteria for samples on which a NFESC Level D review was performed. Raw data were not evaluated for the samples reviewed by Level C criteria.

VIII. Overall Assessment of Data

Data flags have been summarized at the end of this report.

IX. Field Duplicates

Samples 18609-2752 and 18609-2753** and samples 18609-2770 and 18609-2771 were identified as field duplicates. No total petroleum hydrocarbons as gasoline were detected in any of the samples.

X. Field Blanks

No field blanks were identified in this SDG.

MCAS El Toro
Total Petroleum Hydrocarbons as Gasoline - Data Qualification Summary - SDG 00B015

No Sample Data Qualified in this SDG

MCAS El Toro
Total Petroleum Hydrocarbons as Gasoline - Laboratory Blank Data Qualification Summary - SDG 00B015

No Sample Data Qualified in this SDG

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: MCAS El Toro

Collection Date: February 2, 2000

LDC Report Date: March 29, 2000

Matrix: Soil/Water

Parameters: Total Petroleum Hydrocarbons as Extractables

Validation Level: NFESC Level C & D

Laboratory: EMAX Laboratories, Inc.

Sample Delivery Group (SDG): 00B015

Sample Identification

18609-2742	18609-2762
18609-2743	18609-2763
18609-2744	18609-2764
18609-2745	18609-2765
18609-2746	18609-2766
18609-2747	18609-2767
18609-2748	18609-2768
18609-2749	18609-2769
18609-2750	18609-2770
18609-2751	18609-2771
18609-2752	18609-2772
18609-2753**	18609-2747MS
18609-2754	18609-2747MSD
18609-2755	18609-2767MS
18609-2756	18609-2767MSD
18609-2757	
18609-2758	
18609-2759	
18609-2760	
18609-2761	

**Indicates sample underwent NFESC Level D review

Introduction

This data review covers 34 soil samples and one water sample listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8015 modified for Total Petroleum Hydrocarbons (TPH) as Extractables.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (February 1994) as there are no current guidelines for the method stated above.

A table summarizing all data qualification is provided at the end of this report. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Blank results are summarized in Section III.

Field duplicates are summarized in Section IX.

Samples indicated by a double asterisk on the front cover underwent a NFESC Level D review. A NFESC Level C review was performed on all of the other samples. Raw data were not evaluated for the samples reviewed by Level C criteria since this review is based on QC data.

The following are definitions of the data qualifiers:

U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.

J Indicates an estimated value.

R Quality control indicates the data is not usable.

N Presumptive evidence of presence of the constituent.

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Calibration

a. Initial Calibration

Initial calibration of compounds was performed as required by the method.

The percent relative standard deviations (%RSD) of calibration factors for compounds were less than or equal to 20.0% .

b. Calibration Verification

Calibration verification was performed at required frequencies. The percent differences (%D) of amounts in continuing standard mixtures were within the 15.0% QC limits.

III. Blanks

Method blanks were reviewed for each matrix as applicable. No total petroleum hydrocarbons as extractable contaminants were found in the method blanks.

IV. Accuracy and Precision Data

a. Surrogate Recovery

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

b. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

c. Laboratory Control Samples

Laboratory control samples were reviewed for_each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

V. Target Compound Identification

All target compound identifications were within validation criteria for samples on which a NFESC Level D review was performed. Raw data were not evaluated for the samples reviewed by Level C criteria.

VI. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which a NFESC Level D review was performed. Raw data were not evaluated for the samples reviewed by Level C criteria.

VII. System Performance

The system performance was within validation criteria for samples on which a NFESC Level D review was performed. Raw data were not evaluated for the samples reviewed by Level C criteria.

VIII. Overall Assessment of Data

Data flags have been summarized at the end of this report.

IX. Field Duplicates

Samples 18609-2752 and 18609-2753** and samples 18609-2770 and 18609-2771 were identified as field duplicates. No total petroleum hydrocarbons as extractables were detected in any of the samples.

X. Field Blanks

No field blanks were identified in this SDG.

MCAS El Toro
Total Petroleum Hydrocarbons as Extractables - Data Qualification Summary - SDG 00B015

No Sample Data Qualified in this SDG

MCAS El Toro
Total Petroleum Hydrocarbons as Extractables - Laboratory Blank Data Qualification Summary - SDG 00B015

No Sample Data Qualified in this SDG

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: MCAS El Toro

Collection Date: February 2, 2000

LDC Report Date: March 24, 2000

Matrix: Soil/Water

Parameters: Metals

Validation Level: NFESC Level C & D

Laboratory: EMAX Laboratories, Inc.

Sample Delivery Group (SDG): 00B015

Sample Identification

18609-2742	18609-2762
18609-2743	18609-2763
18609-2744	18609-2764
18609-2745	18609-2765
18609-2746	18609-2766
18609-2747	18609-2767
18609-2748	18609-2768
18609-2749	18609-2769
18609-2750	18609-2770
18609-2751	18609-2771
18609-2752	18609-2772
18609-2753**	18609-2742MS
18609-2754	18609-2742MSD
18609-2755	18609-2747MS
18609-2756	18609-2747MSD
18609-2757	18609-2767MS
18609-2758	18609-2767MSD
18609-2759	18609-2768MS
18609-2760	18609-2768MSD
18609-2761	

**Indicates sample underwent NFESC Level D review

Introduction

This data review covers 38 soil samples and one water sample listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Methods 6010 and 7000 for Metals. The metals analyzed were Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, and Zinc.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (February 1994) as there are no current guidelines for the methods stated above.

A table summarizing all data qualification flags is provided at the end of this report. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from specified protocols or is of technical advisory nature.

Blanks are summarized in Section III.

Field duplicates are summarized in Section XIII.

Samples indicated by a double asterisk on the front cover underwent a NFESC Level D review. A NFESC Level C review was performed on all of the other samples. Raw data were not evaluated for the samples reviewed by Level C criteria since this review is based on QC data.

The following are definitions of the data qualifiers:

U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.

J Indicates an estimated value.

R Quality control indicates the data is not usable.

N Presumptive evidence of presence of the constituent.

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Calibration

An initial calibration was performed.

The frequency and analysis criteria of the initial calibration verification (ICV) and continuing calibration verification (CCV) were met.

III. Blanks

Method blanks were reviewed for each matrix as applicable.

Data qualification by the initial, continuing and preparation blanks (ICB/CCB/PBs) was based on the maximum contaminant concentration in the ICB/CCB/PBs in the analysis of each analyte. No contaminant concentrations were found above the reporting limit in the initial, continuing and preparation blanks with the following exceptions:

Method Blank ID	Analyte	Maximum Concentration	Associated Samples
ICB/CCB1	Aluminum	43.0 ug/L	18609-2742
	Arsenic	4.02 ug/L	18609-2743
	Barium	0.93 ug/L	18609-2744
	Beryllium	0.87 ug/L	18609-2745
	Cadmium	2.01 ug/L	18609-2746
	Calcium	49.3 ug/L	18609-2747
	Cobalt	4.89 ug/L	18609-2748
	Lead	1.47 ug/L	18609-2749
	Magnesium	43.1 ug/L	18609-2750
	Manganese	1.13 ug/L	18609-2751
	Silver	5.17 ug/L	18609-2752
	Thallium	6.23 ug/L	18609-2753**
	Zinc	4.49 ug/L	18609-2754
	Molybdenum	9.04 ug/L	18609-2755
			18609-2756
			18609-2757
			18609-2758

Method Blank ID	Analyte	Maximum Concentration	Associated Samples
ICB/CCB2	Arsenic	3.36 ug/L	18609-2759
	Barium	0.58 ug/L	18609-2760
	Beryllium	0.72 ug/L	18609-2762
	Calcium	51.5 ug/L	18609-2763
	Cobalt	3.39 ug/L	18609-2764
	Copper	3.41 ug/L	18609-2765
	Iron	14.5 ug/L	18609-2766
	Lead	0.943 ug/L	18609-2767
	Magnesium	57.4 ug/L	18609-2768
	Manganese	1.60 ug/L	18609-2769
	Thallium	9.93 ug/L	18609-2770
	Zinc	4.12 ug/L	18609-2771
			18609-2772
ICB/CCB3	Aluminum	66.3 ug/L	18609-2761
	Antimony	28.4 ug/L	
	Barium	2.50 ug/L	
	Beryllium	1.62 ug/L	
	Calcium	147 ug/L	
	Iron	41.5 ug/L	
	Lead	1.73 ug/L	
	Magnesium	149 ug/L	
	Manganese	1.66 ug/L	
	Nickel	13.9 ug/L	

Sample concentrations were compared to the maximum contaminant concentrations detected in the ICB/CCB/PBs. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated method blanks with the following exceptions:

Sample	Analyte	Reported Concentration	Modified Final Concentration
18609-2742	Beryllium	0.415 mg/Kg	0.415U mg/Kg
18609-2745	Beryllium	0.264 mg/Kg	0.264U mg/Kg
18609-2746	Beryllium	0.373 mg/Kg	0.373U mg/Kg
18609-2749	Arsenic	1.91 mg/Kg	1.91U mg/Kg
	Beryllium	0.232 mg/Kg	0.232U mg/Kg
18609-2750	Beryllium	0.332 mg/Kg	0.332U mg/Kg
18609-2752	Arsenic	1.66 mg/Kg	1.66U mg/Kg
	Beryllium	0.225 mg/Kg	0.225U mg/Kg
18609-2754	Beryllium	0.389 mg/Kg	0.389U mg/Kg

Sample	Analyte	Reported Concentration	Modified Final Concentration
18609-2755	Beryllium	0.329 mg/Kg	0.329U mg/Kg
18609-2756	Arsenic	1.7 mg/Kg	1.7U mg/Kg
18609-2758	Beryllium	0.4 mg/Kg	0.4U mg/Kg
18609-2759	Arsenic Beryllium	1.41 mg/Kg 0.21 mg/Kg	1.41U mg/Kg 0.21U mg/Kg
18609-2763	Arsenic	1.53 mg/Kg	1.53U mg/Kg
18609-2765	Beryllium	0.335 mg/Kg	0.335U mg/Kg
18609-2766	Beryllium	0.338 mg/Kg	0.338U mg/Kg
18609-2770	Beryllium	0.334 mg/Kg	0.334U mg/Kg
18609-2771	Arsenic	1.27 mg/Kg	1.27U mg/Kg
18609-2772	Beryllium	0.299 mg/Kg	0.299U mg/Kg

IV. ICP Interference Check Sample (ICS) Analysis

The frequency of analysis was met.

The criteria for analysis were met.

V. Matrix Spike Analysis

Matrix spike (MS) and matrix spike duplicate (MSD) analyses were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
18609-2747MS/MSD (18609-2742 18609-2743 18609-2744 18609-2745 18609-2746 18609-2747 18609-2748 18609-2749 18609-2750 18609-2751 18609-2752 18609-2753** 18609-2754 18609-2755 18609-2756 18609-2757 18609-2758)	Antimony	20 (80-120)	20 (80-120)	-	J (all detects) R (all non-detects)	A
18609-2747MS/MSD (18609-2742 18609-2743 18609-2744 18609-2745 18609-2746 18609-2747 18609-2748 18609-2749 18609-2750 18609-2751 18609-2752 18609-2753** 18609-2754 18609-2755 18609-2756 18609-2757 18609-2758)	Barium	-	128 (80-120)	-	J (all detects)	A
18609-2747MS/MSD (18609-2742 18609-2743 18609-2744 18609-2745 18609-2746 18609-2747 18609-2748 18609-2749 18609-2750 18609-2751 18609-2752 18609-2753** 18609-2754 18609-2755 18609-2756 18609-2757 18609-2758)	Calcium Manganese Molybdenum	76 (80-120) 78 (80-120) 75 (80-120)	74 (80-120) - 72 (80-120)	- - -	J (all detects) UJ (all non-detects)	A

Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
18609-2767MS/MSD (18609-2759 18609-2760 18609-2762 18609-2763 18609-2764 18609-2765 18609-2766 18609-2767 18609-2768 18609-2769 18609-2770 18609-2771 18609-2772)	Antimony	31 (80-120)	29 (80-120)	-	J (all detects) R (all non-detects)	A

VI. Duplicate Sample Analysis

Duplicate (DUP) sample analyses were reviewed for each matrix as applicable. Results were within QC limits.

VII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VIII. Internal Standards

ICP-MS was not utilized in this SDG.

IX. Furnace Atomic Absorption QC

Graphite furnace atomic absorption was not utilized in this SDG.

X. ICP Serial Dilution

Although ICP serial dilution analysis was not required by the method, it was performed by the laboratory. The analysis criteria were met with the following exceptions:

Diluted Sample	Analyte	%D (Limits)	Associated Samples	Flag	A or P
18609-2747L	Calcium Chromium Cobalt Iron Magnesium Manganese Nickel Vanadium Zinc	14 (≤10) 39 (≤10) 37 (≤10) 18 (≤10) 14 (≤10) 14 (≤10) 17 (≤10) 12 (≤10) 16 (≤10)	18609-2742 18609-2743 18609-2744 18609-2745 18609-2746 18609-2747 18609-2748 18609-2749 18609-2750 18609-2751 18609-2752 18609-2753** 18609-2754 18609-2755 18609-2756 18609-2757 18609-2758	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	A
18609-2767L	Calcium Chromium Cobalt Iron Magnesium Manganese Potassium Vanadium Zinc	13 (≤10) 37 (≤10) 18 (≤10) 15 (≤10) 13 (≤10) 13 (≤10) 17 (≤10) 13 (≤10) 13 (≤10)	18609-2759 18609-2760 18609-2762 18609-2763 18609-2764 18609-2765 18609-2766 18609-2767 18609-2768 18609-2769 18609-2770 18609-2771 18609-2772	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	A
18609-2767L	Nickel	83 (≤10)	18609-2759 18609-2760 18609-2762 18609-2763 18609-2764 18609-2765 18609-2766 18609-2767 18609-2768 18609-2769 18609-2770 18609-2771 18609-2772	J (all detects) UJ (all non-detects)	A

XI. Sample Result Verification

All sample result verifications met validation criteria for samples on which a NFESC Level D review was performed. Raw data were not evaluated for the samples reviewed by Level C criteria.

XII. Overall Assessment of Data

Data flags have been summarized at the end of this report.

XIII. Field Duplicates

Samples 18609-2752 and 18609-2753** and samples 18609-2770 and 18609-2771 were identified as field duplicates. No metals were detected in any of the samples with the following exceptions:

Analyte	Concentration (mg/Kg)		RPD
	18609-2752	18609-2753**	
Aluminum	4550	17500	117
Arsenic	1.66	3.73	77
Barium	87.7	198	77
Beryllium	0.225	0.635	95
Calcium	5400	12000	76
Chromium	4.39	15.2	110
Cobalt	2.58	7.55	98
Copper	2.46	9.79	120
Iron	6580	20200	102
Lead	1.1U	3.46	200
Magnesium	3000	11200	115
Manganese	164	313	62
Nickel	2.2U	7.85	200
Potassium	1460	5970	121
Sodium	549U	715	200
Vanadium	16.7	46.5	94
Zinc	21.7	65	100

Analyte	Concentration (mg/Kg)		RPD
	18609-2770	18609-2771	
Aluminum	9210	3890	81
Arsenic	2.88	1.27	78
Barium	135	67.8	66
Beryllium	0.334	0.205U	200
Calcium	8440	4370	64
Chromium	8.89	3.41	89
Cobalt	4.24	1.73	84
Copper	7.35	7.22	2
Iron	12400	5090	84
Lead	1.72	1.2U	200
Magnesium	5720	2460	80
Manganese	223	109	69
Nickel	5.18	2.05U	200
Potassium	3550	1330	91
Vanadium	28.4	12.9	75
Zinc	38.1	19	67

XIV. Field Blanks

No field blanks were identified in this SDG.

MCAS El Toro
Metals - Data Qualification Summary - SDG 00B015

SDG	Sample	Analyte	Flag	A or P	Reason
00B015	18609-2742 18609-2743 18609-2744 18609-2745 18609-2746 18609-2747 18609-2748 18609-2749 18609-2750 18609-2751 18609-2752 18609-2753** 18609-2754 18609-2755 18609-2756 18609-2757 18609-2758 18609-2759 18609-2760 18609-2762 18609-2763 18609-2764 18609-2765 18609-2766 18609-2767 18609-2768 18609-2769 18609-2770 18609-2771 18609-2772	Antimony	J (all detects) R (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)
00B015	18609-2742 18609-2743 18609-2744 18609-2745 18609-2746 18609-2747 18609-2748 18609-2749 18609-2750 18609-2751 18609-2752 18609-2753** 18609-2754 18609-2755 18609-2756 18609-2757 18609-2758	Barium	J (all detects)	A	Matrix spike/Matrix spike duplicates (%R)

SDG	Sample	Analyte	Flag	A or P	Reason
00B015	18609-2742 18609-2743 18609-2744 18609-2745 18609-2746 18609-2747 18609-2748 18609-2749 18609-2750 18609-2751 18609-2752 18609-2753** 18609-2754 18609-2755 18609-2756 18609-2757 18609-2758	Calcium Manganese Molybdenum	J (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)
00B015	18609-2742 18609-2743 18609-2744 18609-2745 18609-2746 18609-2747 18609-2748 18609-2749 18609-2750 18609-2751 18609-2752 18609-2753** 18609-2754 18609-2755 18609-2756 18609-2757 18609-2758	Calcium Chromium Cobalt Iron Magnesium Manganese Nickel Vanadium Zinc	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	A	ICP serial dilution (%D)
00B015	18609-2759 18609-2760 18609-2762 18609-2763 18609-2764 18609-2765 18609-2766 18609-2767 18609-2768 18609-2769 18609-2770 18609-2771 18609-2772	Calcium Chromium Cobalt Iron Magnesium Manganese Potassium Vanadium Zinc	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	A	ICP serial dilution (%D)

SDG	Sample	Analyte	Flag	A or P	Reason
00B015	18609-2759 18609-2760 18609-2762 18609-2763 18609-2764 18609-2765 18609-2766 18609-2767 18609-2768 18609-2769 18609-2770 18609-2771 18609-2772	Nickel	J (all detects) UJ (all non-detects)	A	ICP serial dilution (%D)

MCAS El Toro
Metals - Laboratory Blank Data Qualification Summary - SDG 00B015

SDG	Sample	Analyte	Modified Final Concentration	A or P
00B015	18609-2742	Beryllium	0.415U mg/Kg	A
00B015	18609-2745	Beryllium	0.264U mg/Kg	A
00B015	18609-2746	Beryllium	0.373U mg/Kg	A
00B015	18609-2749	Arsenic Beryllium	1.91U mg/Kg 0.232U mg/Kg	A
00B015	18609-2750	Beryllium	0.332U mg/Kg	A
00B015	18609-2752	Arsenic Beryllium	1.66U mg/Kg 0.225U mg/Kg	A
00B015	18609-2754	Beryllium	0.389U mg/Kg	A
00B015	18609-2755	Beryllium	0.329U mg/Kg	A
00B015	18609-2756	Arsenic	1.7U mg/Kg	A
00B015	18609-2758	Beryllium	0.4U mg/Kg	A
00B015	18609-2759	Arsenic Beryllium	1.41U mg/Kg 0.21U mg/Kg	A
00B015	18609-2763	Arsenic	1.53U mg/Kg	A

SDG	Sample	Analyte	Modified Final Concentration	A or P
00B015	18609-2765	Beryllium	0.335U mg/Kg	A
00B015	18609-2766	Beryllium	0.338U mg/Kg	A
00B015	18609-2770	Beryllium	0.334U mg/Kg	A
00B015	18609-2771	Arsenic	1.27U mg/Kg	A
00B015	18609-2772	Beryllium	0.299U mg/Kg	A

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: MCAS El Toro

Collection Date: February 2, 2000

LDC Report Date: March 22, 2000

Matrix: Soil/Water

Parameters: Cyanide

Validation Level: NFESC Level C & D

Laboratory: EMAX Laboratories, Inc.

Sample Delivery Group (SDG): 00B015

Sample Identification

18609-2742	18609-2762
18609-2743	18609-2763
18609-2744	18609-2764
18609-2745	18609-2765
18609-2746	18609-2766
18609-2747	18609-2767
18609-2748	18609-2768
18609-2749	18609-2769
18609-2750	18609-2770
18609-2751	18609-2771
18609-2752	18609-2772
18609-2753**	18609-2742MS
18609-2754	18609-2742MSD
18609-2755	18609-2770MS
18609-2756	18609-2770MSD
18609-2757	
18609-2758	
18609-2759	
18609-2760	
18609-2761	

**Indicates sample underwent NFESC Level D review

Introduction

This data review covers 34 soil samples and one water sample listed on the cover sheet. The analyses were per EPA SW 846 Method 9010B for Cyanide.

The review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (February 1994) as there are no current guidelines for the method stated above.

A table summarizing all data qualification is provided at the end of this report. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Blank results are summarized in Section III.

Field duplicates are summarized in Section VII.

Samples indicated by a double asterisk on the front cover underwent a NFESC Level D review. A NFESC Level C review was performed on all of the other samples. Raw data were not evaluated for the samples reviewed by Level C criteria since this review is based on QC data.

The following are definitions of the data qualifiers:

U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.

J Indicates an estimated value.

R Quality control indicates the data is not usable.

N Presumptive evidence of presence of the constituent.

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Calibration

a. Initial Calibration

All criteria for the initial calibration were met.

b. Calibration verification

Calibration verification frequency and analysis criteria were met.

III. Blanks

Method blanks were reviewed for each matrix as applicable. No cyanide contaminants were found in the method blanks.

IV. Accuracy and Precision Data

a. Matrix Spike/(Matrix Spike) Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

b. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

V. Sample Result Verification

All sample result verifications were within validation criteria for samples on which a NFESC Level D review was performed. Raw data were not evaluated for the samples reviewed by Level C criteria.

VI. Overall Assessment of Data

Data flags are summarized at the end of this report.

VII. Field Duplicates

Samples 18609-2752 and 18609-2753** and samples 18609-2770 and 18609-2771 were identified as field duplicates. No cyanide was detected in any of the samples.

VIII. Field Blanks

No field blanks were identified in this SDG.

MCAS El Toro
Cyanide - Data Qualification Summary - SDG 00B015

No Sample Data Qualified in this SDG

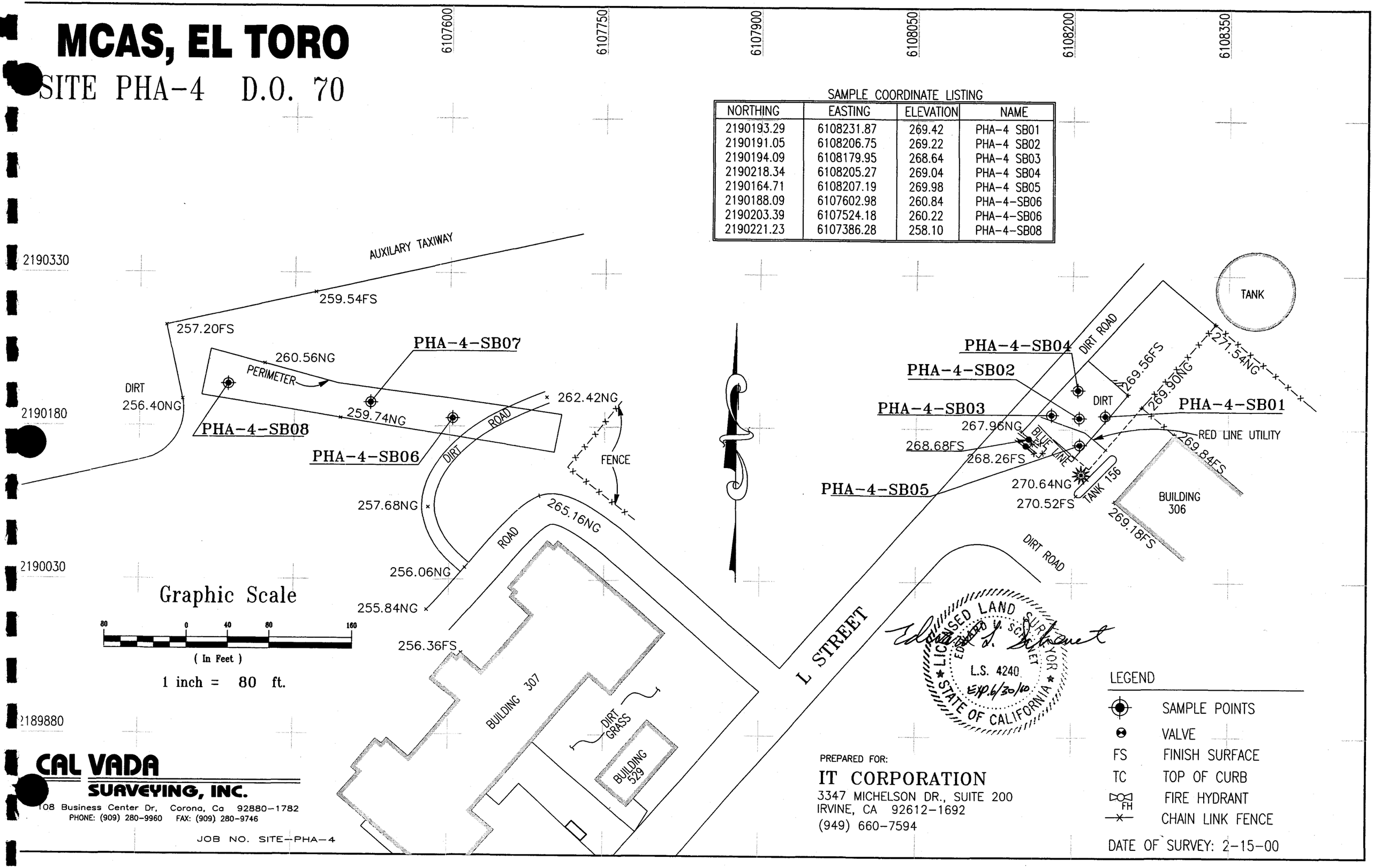
MCAS El Toro
Cyanide - Laboratory Blank Data Qualification Summary - SDG 00B015

No Sample Data Qualified in this SDG

APPENDIX H
LAND SURVEY PLAN

MCAS, EL TORO

SITE PHA-4 D.O. 70

SAMPLE COORDINATE LISTING

NORTHING	EASTING	ELEVATION	NAME
2190193.29	6108231.87	269.42	PHA-4 SB01
2190191.05	6108206.75	269.22	PHA-4 SB02
2190194.09	6108179.95	268.64	PHA-4 SB03
2190218.34	6108205.27	269.04	PHA-4 SB04
2190164.71	6108207.19	269.98	PHA-4 SB05
2190188.09	6107602.98	260.84	PHA-4-SB06
2190203.39	6107524.18	260.22	PHA-4-SB06
2190221.23	6107386.28	258.10	PHA-4-SB08