OHM Remediation Services Corp.
3347 Michelson Drive, Suite 200
Irvine, CA 92612-1692
Tel. 949.261.6441
Fax. 949.474.8309
A Member of The IT Group

M60050.000550
MCAS EL TORO
SSIC #5090.3

September 27, 2000

Ms. Bozier H. Demaree
Contracting Officer
Naval Facilities Engineering Command
Southwest Division
1220 Pacific Highway
San Diego, CA 92132-5187

Attention: Ms. Lynn Hornecker

Subject: On-Site Disposal of Non-hazardous Soil from CERCLA Replacement Well Drilling at MCAS El Toro
Contract N68711-93-D-1459, Delivery Order 065,
Removal and Remedial Actions at IRP Sites, MCAS El Toro, California

Dear Ms. Hornecker:

The analytical results for the first three storage bins containing CERCLA Replacement Well soil cuttings have been received. All of the soil is considered non-hazardous, as the attached analytical data shows.

Based on the analytical results, and the disposal practices described in the previous letter on the subject (OHM DCN SW8998, August 28, 2000) we will proceed with the disposal of the soil on-site. The soil will be placed at the area indicated by Scott Kehe, and the boundaries marked for future reference. This will allow for the reuse of the soil on-site at a future time.

Depending on the availability of the trucking company, the soil is anticipated to be dumped out next week, possibly October 4 or 5, 2000.

If you have any questions or do not want OHM to proceed with disposal of this soil onsite please contact me by Tuesday, October 3, 2000.

Sincerely,

William Sedlak
Sr. Project Manager

cc: Lucreatria Holloway, SWDIV, COTR (1C/1E)
Content Arnold, SWDIV (1C/1E)
OHM PMO File (1C/1E)
Steve Chandler, OHM T&D Coordinator (1C/1E)
Project File, Correspondence B.01

OHM Remediation Services Corp.
A Subsidiary of OHM Corporation

OHM TRANSMITTAL/DELIVERABLE RECEIPT

CONTRACT N68711-93-D-1459 **DOCUMENT CONTROL NO: SW9157**

TO: Contracting Officer
Naval Facilities Engineering Command
Southwest Division
Bozier H. Demaree, Code 02R1.BD
1220 Pacific Highway
San Diego, California 92132-5190

Date: 28-Sep-00

D.O.: 65

Location: MCAS EL TORO

FROM:

Stewart Bornhoft, Program Manager

Edwin G. Bond, Contracts Manager

DESCRIPTION OF ENCLOSURE: ***On-Site Disposal of Non-Hazardous Soil from CERCLA Replacement Well Drilling, Removal and Remedial Actions at IRP Sites, dated September 27, 2000***

TYPE: Contract Deliverable ( ) ($) D. O. Deliverable ( ) (Tech) Request for Change ( ) Other (**X**)

VERSION: FINAL **REVISION:** 0

ADMIN RECORD: Yes (**X**) No ( ) Category ( ) Confidential ( )

SCHEDULED DELIVERY DATE: 28-Sep-00 **ACTUAL DELIVERY DATE:** 28-Sep-00

NUMBER OF COPIES SUBMITTED TO THE NAVY: 1/O, 5/C, 5/E
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C. Arnold, 5BSC.CA (1C/1E)	S. Chandler, Irv (1C/1E)	
G. Tinker, 06CC.GT (1C)		

00 SEP 28 12 21

Date/Time Received: RECEIVED / COTR

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OHM Remediation Services Corp.
Subsidiary of OHM Corporation
U.S. Route 224 East • Findlay, Ohio 45840 • (419) 423-3526

CHAIN-OF-CUSTODY RECORD

PROJECT DATA MANAGER'S COPY

216019

FORM 0019 REV. 2-97

Soil Bin Sampling

OHM's LAB COORDINATOR: M. Concepcion	LAB COORDINATOR'S PHONE: 949-660-7550	LAB COORDINATOR'S FAX: 949-475-5433	LABORATORY SERVICE ID: H235	LABORATORY CONTACT: EMAX	MAIL REPORT (COMPANY NAME): IT Group
PROJECT NAME: Soil Bin Sampling	PROJECT LOCATION: MCAS El Toro, CA	PROJECT NUMBER: ~~416609~~ 18708	LABORATORY PHONE: 310-618-8889	LABORATORY FAX: 310-618-0818	RECIPIENT NAME: DWayne Ishida
PROJECT CONTACT: M. Concepcion	PROJECT PHONE NUMBER: 949-451-1667	PROJECT FAX: 949-451-1672	LABORATORY ADDRESS: 1630 Maple Ave.	ADDRESS: 3347 Michelson #200	
PROJECT ADDRESS: MCAS El Toro	CITY, STATE AND ZIPCODE: Santa Ana, CA 92708	CLIENT: SWDIV	CITY, STATE AND ZIPCODE: Torrance, CA 90503	CITY, STATE, AND ZIPCODE: Irvine, CA 92612	
PROJECT MANAGER: D. Rawal	PROJECT MANAGER'S PHONE: 949-660-7576	PROJECT MANAGER'S FAX: 949-474-8309			

Item	Sample Identifier	Matrix	Date	Time	Preserved	# of Cont.	QC Level	T.A.T.	Analyses: GC/MS	TPH-9GS	TPH-Diesel	Title 22 metals					Comments
1	~~416609-3492~~ 18708-1749	S	8/30	1040	4°C	4	3	5 day	X	X	X	X					Composite 4 jars
2	~~416609-3491~~ ~~18708-1750~~	S	8/30	1050	4°C	4	3	5 day	X	X	X	X					Composite 4 jars
3	~~416609-3492~~ 18708-1751	↓	↓	1110	↓	↓	3	↓	↓	↓	↓	↓					Composite 4 jars
4																	
5																	
6																	
7																	
8																	
9																	
10																	

W.J. 8/30/00

SAMPLES COLLECTED BY: W. Jefferson

COURIER AND AIR BILL NUMBER: Courier

COOLER TEMPERATURE UPON RECEIPT:

RELINQUISHED BY	RECEIVED BY	DATE	TIME	SAMPLE'S CONDITION UPON RECEIPT
[illegible signature]	[illegible signature]	8.30.00	2:25	

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

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

Soil Bin Sampling

Sample Point Location	Sample Type: G	C	F	QC
① Bin - R18 347mL	X			
② Bin - R18371mL	X			
③ Bin - R18311mL	X			

Comments

due: 9/8/00 rec'd 9/8/00

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

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

Date: 09-15-2000
EMAX Batch No.: 00H235

Attn: Dwayne Ishida

IT Corporation
3347 Michelson Dr. # 200
Irvine CA 92612

Subject: Laboratory Report
Project: MCAS El Toro/18708/D.O. 65

Enclosed is the Laboratory report for samples received on 08/30/00. The data reported include :

Sample ID	Control #	Col Date	Matrix	Analysis
18708-1749	H235-01	08/30/00	SOIL	VOLATILE ORGANICS BY GC/MS
				TPH GASOLINE
				TPH DIESEL
				MERCURY
				METALS CAM
18708-1750	H235-02	08/30/00	SOIL	VOLATILE ORGANICS BY GC/MS
				TPH GASOLINE
				TPH DIESEL
				MERCURY
				METALS CAM
18708-1751	H235-03	08/30/00	SOIL	VOLATILE ORGANICS BY GC/MS
				TPH GASOLINE
				TPH DIESEL
				MERCURY
				METALS CAM

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

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

Client	: IT CORPORATION	Date Collected:	08/30/00
Project	: MCAS EL TORO/18708/D.O. 65	Date Received:	08/30/00
Batch No.	: 00H235	Date Extracted:	09/01/00 21:05
Sample ID:	18708-1749	Date Analyzed:	09/01/00 21:05
Lab Samp ID:	H235-01	Dilution Factor:	1
Lab File ID:	RIP019	Matrix :	SOIL
Ext Btch ID:	VOI0102	% Moisture :	5.1
Calib. Ref.:	RIP002	Instrument ID :	T-002

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5.3	.36
1,1,2,2-TETRACHLOROETHANE	ND	5.3	.78
1,1,2-TRICHLOROETHANE	ND	5.3	.69
1,1-DICHLOROETHANE	ND	5.3	.55
1,1-DICHLOROETHENE	ND	5.3	.51
1,2-DICHLOROETHANE	ND	5.3	1
1,2-DICHLOROPROPANE	ND	5.3	.58
2-BUTANONE	ND	53	1.6
2-CHLOROETHYLVINYLETHER	ND	53	.78
2-HEXANONE	ND	53	1.5
4-METHYL-2-PENTANONE	ND	53	3
ACETONE	ND	53	3
BENZENE	ND	5.3	.55
BROMODICHLOROMETHANE	ND	5.3	.45
BROMOFORM	ND	5.3	.62
BROMOMETHANE	ND	5.3	3.8
CARBON DISULFIDE	ND	11	.35
CARBON TETRACHLORIDE	ND	5.3	.57
CHLOROBENZENE	ND	5.3	.49
CHLOROETHANE	ND	5.3	.97
CHLOROFORM	ND	5.3	.55
CHLOROMETHANE	ND	5.3	.56
CIS-1,2-DICHLOROETHENE	ND	5.3	.48
CIS-1,3-DICHLOROPROPENE	ND	5.3	.42
DIBROMOCHLOROMETHANE	ND	5.3	.39
ETHYLBENZENE	ND	5.3	.48
MTBE	ND	11	.8
METHYLENE CHLORIDE	ND	11	3.2
STYRENE	ND	5.3	.36
TETRACHLOROETHENE	ND	5.3	.36
TOLUENE	ND	5.3	.61
TRANS-1,2-DICHLOROETHENE	ND	5.3	.5
TRANS-1,3-DICHLOROPROPENE	ND	5.3	.47
TRICHLOROETHENE	ND	5.3	.64
VINYL ACETATE	ND	53	.87
VINYL CHLORIDE	ND	5.3	.62
XYLENES	ND	5.3	1.2

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	91	52-149
BROMOFLUOROBENZENE	97	65-135
TOLUENE-D8	95	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:	08/30/00
Project	: MCAS EL TORO/18708/D.O. 65	Date Received:	08/30/00
Batch No.	: 00H235	Date Extracted:	09/05/00 13:56
Sample ID:	18708-1749RE	Date Analyzed:	09/05/00 13:56
Lab Samp ID:	H235-01R	Dilution Factor:	1
Lab File ID:	RIP032	Matrix :	SOIL
Ext Btch ID:	VOI0202	% Moisture :	5.1
Calib. Ref.:	RIP028	Instrument ID :	T-002

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5.3	.36
1,1,2,2-TETRACHLOROETHANE	ND	5.3	.78
1,1,2-TRICHLOROETHANE	ND	5.3	.69
1,1-DICHLOROETHANE	ND	5.3	.55
1,1-DICHLOROETHENE	ND	5.3	.51
1,2-DICHLOROETHANE	ND	5.3	1
1,2-DICHLOROPROPANE	ND	5.3	.58
2-BUTANONE	ND	53	1.6
2-CHLOROETHYLVINYLETHER	ND	53	.78
2-HEXANONE	ND	53	1.5
4-METHYL-2-PENTANONE	ND	53	3
ACETONE	ND	53	3
BENZENE	ND	5.3	.55
BROMODICHLOROMETHANE	ND	5.3	.45
BROMOFORM	ND	5.3	.62
BROMOMETHANE	ND	5.3	3.8
CARBON DISULFIDE	ND	11	.35
CARBON TETRACHLORIDE	ND	5.3	.57
CHLOROBENZENE	ND	5.3	.49
CHLOROETHANE	ND	5.3	.97
CHLOROFORM	ND	5.3	.55
CHLOROMETHANE	ND	5.3	.56
CIS-1,2-DICHLOROETHENE	ND	5.3	.48
CIS-1,3-DICHLOROPROPENE	ND	5.3	.42
DIBROMOCHLOROMETHANE	ND	5.3	.39
ETHYLBENZENE	ND	5.3	.48
MTBE	ND	11	.8
METHYLENE CHLORIDE	ND	11	3.2
STYRENE	ND	5.3	.36
TETRACHLOROETHENE	ND	5.3	.36
TOLUENE	ND	5.3	.61
TRANS-1,2-DICHLOROETHENE	ND	5.3	.5
TRANS-1,3-DICHLOROPROPENE	ND	5.3	.47
TRICHLOROETHENE	ND	5.3	.64
VINYL ACETATE	ND	53	.87
VINYL CHLORIDE	ND	5.3	.62
XYLENES	ND	5.3	1.2

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	68	52-149
BROMOFLUOROBENZENE	79	65-135
TOLUENE-D8	85	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:	08/30/00
Project	: MCAS EL TORO/18708/D.O. 65	Date Received:	08/30/00
Batch No.	: 00H235	Date Extracted:	09/01/00 21:40
Sample ID:	18708-1750	Date Analyzed:	09/01/00 21:40
Lab Samp ID:	H235-02	Dilution Factor:	1
Lab File ID:	RIP020	Matrix :	SOIL
Ext Btch ID:	VOI0102	% Moisture :	9.2
Calib. Ref.:	RIP002	Instrument ID :	T-002

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5.5	.37
1,1,2,2-TETRACHLOROETHANE	ND	5.5	.81
1,1,2-TRICHLOROETHANE	ND	5.5	.72
1,1-DICHLOROETHANE	ND	5.5	.58
1,1-DICHLOROETHENE	ND	5.5	.53
1,2-DICHLOROETHANE	ND	5.5	1.1
1,2-DICHLOROPROPANE	ND	5.5	.6
2-BUTANONE	ND	55	1.7
2-CHLOROETHYLVINYLETHER	ND	55	.81
2-HEXANONE	ND	55	1.6
4-METHYL-2-PENTANONE	ND	55	3.1
ACETONE	ND	55	3.2
BENZENE	ND	5.5	.58
BROMODICHLOROMETHANE	ND	5.5	.47
BROMOFORM	ND	5.5	.65
BROMOMETHANE	ND	5.5	3.9
CARBON DISULFIDE	ND	11	.37
CARBON TETRACHLORIDE	ND	5.5	.59
CHLOROBENZENE	ND	5.5	.51
CHLOROETHANE	ND	5.5	1
CHLOROFORM	ND	5.5	.58
CHLOROMETHANE	ND	5.5	.58
CIS-1,2-DICHLOROETHENE	ND	5.5	.51
CIS-1,3-DICHLOROPROPENE	ND	5.5	.44
DIBROMOCHLOROMETHANE	ND	5.5	.4
ETHYLBENZENE	ND	5.5	.51
MTBE	ND	11	.83
METHYLENE CHLORIDE	ND	11	3.3
STYRENE	ND	5.5	.38
TETRACHLOROETHENE	ND	5.5	.37
TOLUENE	ND	5.5	.63
TRANS-1,2-DICHLOROETHENE	ND	5.5	.52
TRANS-1,3-DICHLOROPROPENE	ND	5.5	.5
TRICHLOROETHENE	ND	5.5	.67
VINYL ACETATE	ND	55	.91
VINYL CHLORIDE	ND	5.5	.64
XYLENES	ND	5.5	1.2

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	89	52-149
BROMOFLUOROBENZENE	103	65-135
TOLUENE-D8	96	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:	08/30/00
Project	: MCAS EL TORO/18708/D.O. 65	Date Received:	08/30/00
Batch No.	: 00H235	Date Extracted:	09/05/00 15:06
Sample ID:	18708-1751	Date Analyzed:	09/05/00 15:06
Lab Samp ID:	H235-03	Dilution Factor:	1
Lab File ID:	RIP034	Matrix :	SOIL
Ext Btch ID:	VOI0202	% Moisture :	9.2
Calib. Ref.:	RIP028	Instrument ID :	T-002

PARAMETERS	RESULTS (ug/kg)	PRL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5.5	.37
1,1,2,2-TETRACHLOROETHANE	ND	5.5	.81
1,1,2-TRICHLOROETHANE	ND	5.5	.72
1,1-DICHLOROETHANE	ND	5.5	.58
1,1-DICHLOROETHENE	ND	5.5	.53
1,2-DICHLOROETHANE	ND	5.5	1.1
1,2-DICHLOROPROPANE	ND	5.5	.6
2-BUTANONE	ND	55	1.7
2-CHLOROETHYLVINYLETHER	ND	55	.81
2-HEXANONE	ND	55	1.6
4-METHYL-2-PENTANONE	ND	55	3.1
ACETONE	ND	55	3.2
BENZENE	ND	5.5	.58
BROMODICHLOROMETHANE	ND	5.5	.47
BROMOFORM	ND	5.5	.65
BROMOMETHANE	ND	5.5	3.9
CARBON DISULFIDE	ND	11	.37
CARBON TETRACHLORIDE	ND	5.5	.59
CHLOROBENZENE	ND	5.5	.51
CHLOROETHANE	ND	5.5	1
CHLOROFORM	ND	5.5	.58
CHLOROMETHANE	ND	5.5	.58
CIS-1,2-DICHLOROETHENE	ND	5.5	.51
CIS-1,3-DICHLOROPROPENE	ND	5.5	.44
DIBROMOCHLOROMETHANE	ND	5.5	.4
ETHYLBENZENE	ND	5.5	.51
MTBE	ND	11	.83
METHYLENE CHLORIDE	ND	11	3.3
STYRENE	ND	5.5	.38
TETRACHLOROETHENE	ND	5.5	.37
TOLUENE	ND	5.5	.63
TRANS-1,2-DICHLOROETHENE	ND	5.5	.52
TRANS-1,3-DICHLOROPROPENE	ND	5.5	.5
TRICHLOROETHENE	ND	5.5	.67
VINYL ACETATE	ND	55	.91
VINYL CHLORIDE	ND	5.5	.64
XYLENES	ND	5.5	1.2

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	93	52-149
BROMOFLUOROBENZENE	102	65-135
TOLUENE-D8	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 5030B/M8015
TOTAL PETROLEUM HYDROCARBONS BY PURGE & TRAP

lient : IT CORPORATION
roject : MCAS EL TORO/18708/D.O. 65
atch No. : 00H235

Matrix : SOIL
Instrument ID : GCT039

AMPLE ID	EMAX SAMPLE ID	RESULTS (mg/kg)	SURR (%)	DLF	MOIST	PRL (mg/kg)	MDL (mg/kg)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
BLK1S	VAH5039B	ND	69	1	NA	1	.02	08/31/0014:50	08/31/0014:50	EH14004A	EH14002A	VAH5039	NA	08/31/00
CS1S	VAH5039L	2.17	90	1	NA	1	.02	08/31/0015:25	08/31/0015:25	EH14005A	EH14002A	VAH5039	NA	08/31/00
CD1S	VAH5039C	2.94	96	1	NA	1	.02	08/31/0015:59	08/31/0015:59	EH14006A	EH14002A	VAH5039	NA	08/31/00
8708-1749	H235-01	ND	94	1	5.1	1.05	.0211	08/31/0021:44	08/31/0021:44	EH14016A	EH14015A	VAH5039	08/30/00	08/30/00
8708-1749MS	H235-01M	2.98	99	1	5.1	1.05	.0211	08/31/0022:18	08/31/0022:18	EH14017A	EH14015A	VAH5039	08/30/00	08/30/00
8708-1749MSD	H235-01S	3.05	117	1	5.1	1.05	.0211	08/31/0022:52	08/31/0022:52	EH14018A	EH14015A	VAH5039	08/30/00	08/30/00
8708-1750	H235-02	ND	87	1	9.2	1.1	.022	08/31/0023:26	08/31/0023:26	EH14019A	EH14015A	VAH5039	08/30/00	08/30/00
8708-1751	H235-03	ND	93	1	9.2	1.1	.022	08/31/0020:01	08/31/0020:01	EH14013A	EH14002A	VAH5039	08/30/00	08/30/00

URR : Bromofluorobenzene (W)65-135 (S)60-140
RL : Reporting Limit
: Value exceed the upper level of the initial calibration
: Value from dilution

4004

METHOD M8015
TOTAL PETROLEUM HYDROCARBONS BY EXTRACTION

lient : IT CORPORATION
roject : MCAS EL TORO/18708/D.O. 65
atch No. : 00H235

Matrix : SOIL
Instrument ID : GCT050

AMPLE 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
3LK1S	DSH041SB	ND	103	83	1	NA	10	3.47	08/31/0019:32	08/31/0015:00	TH13003A	TH13002A	DSH041S	NA	08/31/00
CS1S	DSH041SL	490	109	89	1	NA	10	3.47	08/31/0020:21	08/31/0015:00	TH13004A	TH13002A	DSH041S	NA	08/31/00
CD1S	DSH041SC	469	103	84	1	NA	10	3.47	08/31/0021:10	08/31/0015:00	TH13005A	TH13002A	DSH041S	NA	08/31/00
3708-1749	H235-01	ND	112	91	1	5.1	10.5	3.66	09/01/0002:50	08/31/0015:00	TH13012A	TH13002A	DSH041S	08/30/00	08/30/00
3708-1750	H235-02	ND	109	88	1	9.2	11	3.82	09/01/0004:27	08/31/0015:00	TH13014A	TH13013A	DSH041S	08/30/00	08/30/00
3708-1751	H235-03	ND	112	91	1	9.2	11	3.82	09/01/0005:15	08/31/0015:00	TH13015A	TH13013A	DSH041S	08/30/00	08/30/00

C LIMIT : (SOIL) 60-140 55-150
C LIMIT : (WATER) 65-135 60-145
JR1 : Bromobenzene
JR2 : Hexacosane
- : Reporting Limit

5004

METHOD 3050B/6010B
CAM METALS BY ICP

Client	: IT CORPORATION	Date Collected:	08/30/00
Project	: MCAS EL TORO/18708/D.O. 65	Date Received:	08/30/00
SDG NO.	: 00H235	Date Extracted:	08/31/00 15:00
Sample ID:	18708-1749	Date Analyzed:	09/01/00 19:54
Lab Samp ID:	H235-01	Dilution Factor:	1
Lab File ID:	I07H083027	Matrix :	SOIL
Ext Btch ID:	IPH072S	% Moisture :	5.1
Calib. Ref.:	I07H083022	Instrument ID :	EMAXTI07

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Antimony	ND	10.5	3.62
Barium	113	1.05	.0421
Beryllium	.367	.211	.0105
Cadmium	.441J	1.05	.211
Chromium	32.3	1.05	.411
Cobalt	3.91	1.05	.337
Copper	14	1.05	.706
Manganese	202	2.11	.632
Molybdenum	2.03J	2.11	.885
Nickel	9.94	2.11	.854
Silver	ND	2.11	.443
Vanadium	29.5	1.05	.379
Zinc	31	1.05	.379

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	08/30/00
Project	: MCAS EL TORO/18708/D.O. 65	Date Received:	08/30/00
SDG NO.	: 00H235	Date Extracted:	08/31/00 15:00
Sample ID:	18708-1749	Date Analyzed:	09/01/00 16:53
Lab Samp ID:	H235-01	Dilution Factor:	1
Lab File ID:	I31H058030	Matrix :	SOIL
Ext Btch ID:	IPH072S	% Moisture :	5.1
Calib. Ref.:	I31H058025	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	3.15	1.05	.365
Lead	2.76	1.05	.24
Selenium	ND	1.05	.507
Thallium	ND	1.05	.891

RL: Reporting Limit

METHOD 3050B/6010B
CAM METALS BY ICP

Client	: IT CORPORATION	Date Collected:	08/30/00
Project	: MCAS EL TORO/18708/D.O. 65	Date Received:	08/30/00
SDG NO.	: 00H235	Date Extracted:	08/31/00 15:00
Sample ID:	18708-1750	Date Analyzed:	09/01/00 19:59
Lab Samp ID:	H235-02	Dilution Factor:	1
Lab File ID:	I07H083028	Matrix :	SOIL
Ext Btch ID:	IPH072S	% Moisture :	9.2
Calib. Ref.:	I07H083022	Instrument ID :	EMAXTI07

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Antimony	ND	11	3.79
Barium	63.5	1.1	.0441
Beryllium	.29	.22	.011
Cadmium	.279J	1.1	.22
Chromium	19.9	1.1	.43
Cobalt	2.59	1.1	.352
Copper	10.4	1.1	.738
Manganese	135	2.2	.661
Molybdenum	1.26J	2.2	.925
Nickel	7.01	2.2	.892
Silver	ND	2.2	.463
Vanadium	20.7	1.1	.396
Zinc	22.1	1.1	.396

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	08/30/00
Project	: MCAS EL TORO/18708/D.O. 65	Date Received:	08/30/00
SDG NO.	: 00H235	Date Extracted:	08/31/00 15:00
Sample ID:	18708-1750	Date Analyzed:	09/01/00 16:58
Lab Samp ID:	H235-02	Dilution Factor:	1
Lab File ID:	I31H058031	Matrix :	SOIL
Ext Btch ID:	IPH072S	% Moisture :	9.2
Calib. Ref.:	I31H058025	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	1.97	1.1	.381
Lead	2.4	1.1	.251
Selenium	ND	1.1	.53
Thallium	ND	1.1	.932

RL: Reporting Limit

METHOD 3050B/6010B
CAM METALS BY ICP

Client	: IT CORPORATION	Date Collected:	08/30/00
Project	: MCAS EL TORO/18708/D.O. 65	Date Received:	08/30/00
SDG NO.	: 00H235	Date Extracted:	08/31/00 15:00
Sample ID:	18708-1751	Date Analyzed:	09/01/00 20:04
Lab Samp ID:	H235-03	Dilution Factor:	1
Lab File ID:	I07H083029	Matrix :	SOIL
Ext Btch ID:	IPH072S	% Moisture :	9.2
Calib. Ref.:	I07H083022	Instrument ID :	EMAXTI07

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Antimony	4.58J	11	3.79
Barium	131	1.1	.0441
Beryllium	.434	.22	.011
Cadmium	.428J	1.1	.22
Chromium	42.9	1.1	.43
Cobalt	4.75	1.1	.352
Copper	18	1.1	.738
Manganese	220	2.2	.661
Molybdenum	2.18J	2.2	.925
Nickel	11.9	2.2	.892
Silver	ND	2.2	.463
Vanadium	32.4	1.1	.396
Zinc	48.6	1.1	.396

RL: Reporting Limit

METHOD 3050B/6010B
METALS BY TRACE-ICP

Client	: IT CORPORATION	Date Collected:	08/30/00
Project	: MCAS EL TORO/18708/D.O. 65	Date Received:	08/30/00
SDG NO.	: 00H235	Date Extracted:	08/31/00 15:00
Sample ID:	18708-1751	Date Analyzed:	09/01/00 17:03
Lab Samp ID:	H235-03	Dilution Factor:	1
Lab File ID:	I31H058032	Matrix :	SOIL
Ext Btch ID:	IPH072S	% Moisture :	9.2
Calib. Ref.:	I31H058025	Instrument ID :	EMAXTI31

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Arsenic	2.95	1.1	.381
Lead	4.01	1.1	.251
Selenium	ND	1.1	.53
Thallium	ND	1.1	.932

RL: Reporting Limit

METHOD 7471A
MERCURY BY COLD VAPOR

Client : IT CORPORATION
Project : MCAS EL TORO/18708/D.O. 65
Batch No. : OOH235

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	HGI003SB	ND	1	NA	.1	.02	09/02/0016:30	09/01/0018:00	M001003027	M001003018	HGI003S	NA	09/01/00
LCS1S	HGI003SL	.817	1	NA	.1	.02	09/02/0016:32	09/01/0018:00	M001003028	M001003018	HGI003S	NA	09/01/00
LCD1S	HGI003SC	.822	1	NA	.1	.02	09/02/0016:34	09/01/0018:00	M001003029	M001003018	HGI003S	NA	09/01/00
18708-1749	H235-01	ND	1	5.1	.105	.0211	09/02/0017:03	09/01/0018:00	M001003041	M001003031	HGI003S	08/30/00	08/30/00
18708-1749MS	H235-01M	.907	1	5.1	.105	.0211	09/02/0017:10	09/01/0018:00	M001003044	M001003042	HGI003S	08/30/00	08/30/00
18708-1749MSD	H235-01S	.948	1	5.1	.105	.0211	09/02/0017:12	09/01/0018:00	M001003045	M001003042	HGI003S	08/30/00	08/30/00
18708-1749DL	H235-01T	ND	5	5.1	.527	.105	09/02/0017:16	09/01/0018:00	M001003046	M001003042	HGI003S	08/30/00	08/30/00
18708-1749AS	H235-01A	.327	1	5.1	.105	.0211	09/02/0017:18	09/01/0018:00	M001003047	M001003042	HGI003S	08/30/00	08/30/00
18708-1750	H235-02	ND	1	9.2	.11	.022	09/02/0017:20	09/01/0018:00	M001003048	M001003042	HGI003S	08/30/00	08/30/00
18708-1751	H235-03	ND	1	9.2	.11	.022	09/02/0017:22	09/01/0018:00	M001003049	M001003042	HGI003S	08/30/00	08/30/00

RL: Reporting Limit