Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E26R-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:36:00 PM
Lab ID:	051578-045A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010614B** BatchID: **P01VOCS093** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/15/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/15/01
Benzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Bromoform	ND	5.0		µg/Kg	1.0	6/15/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/15/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/15/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/15/01
Chloroform	ND	5.0		µg/Kg	1.0	6/15/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: D

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E26R-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:36:00 PM
Lab ID:	051578-045A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010614B**	BatchID: **P01VOCS093**		PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/15/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/15/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/15/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Styrene	ND	5.0		µg/Kg	1.0	6/15/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Toluene	ND	5.0		µg/Kg	1.0	6/15/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: (n)

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E26C-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:37:00 PM
Lab ID:	051578-046A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010615A** BatchID: **P01VOCS094** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/15/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/15/01
Benzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Bromoform	ND	5.0		µg/Kg	1.0	6/15/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/15/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/15/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/15/01
Chloroform	ND	5.0		µg/Kg	1.0	6/15/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E26C-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:37:00 PM
Lab ID:	051578-046A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010615A**	BatchID: **P01VOCS094**		PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/15/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/15/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/15/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Styrene	ND	5.0		µg/Kg	1.0	6/15/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Toluene	ND	5.0		µg/Kg	1.0	6/15/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
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M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E26L-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:35:00 PM
Lab ID:	051578-047A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010615A** BatchID: **P01VOCS094** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/15/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/15/01
Benzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Bromoform	ND	5.0		µg/Kg	1.0	6/15/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/15/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/15/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/15/01
Chloroform	ND	5.0		µg/Kg	1.0	6/15/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E26L-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:35:00 PM
Lab ID:	051578-047A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010615A** BatchID: **P01VOCS094** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/15/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/15/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/15/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Styrene	ND	5.0		µg/Kg	1.0	6/15/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Toluene	ND	5.0		µg/Kg	1.0	6/15/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E27AL-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:06:00 PM
Lab ID:	051578-053A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010615A**	BatchID: **P01VOCS094**			PrepDate:		Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/15/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/15/01
Benzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Bromoform	ND	5.0		µg/Kg	1.0	6/15/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/15/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/15/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/15/01
Chloroform	ND	5.0		µg/Kg	1.0	6/15/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E27AL-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:06:00 PM
Lab ID:	051578-053A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010615A** BatchID: **P01VOCS094** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/15/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/15/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/15/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Styrene	ND	5.0		µg/Kg	1.0	6/15/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Toluene	ND	5.0		µg/Kg	1.0	6/15/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: (N)

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E27AR-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:05:00 PM
Lab ID:	051578-054A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010615A**	BatchID: **P01VOCS094**			PrepDate:		Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/15/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/15/01
Benzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Bromoform	ND	5.0		µg/Kg	1.0	6/15/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/15/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/15/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/15/01
Chloroform	ND	5.0		µg/Kg	1.0	6/15/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT: Geocon Environmental
Lab Order: 051578
Project: Oakland Mole - E8000-06-13
Lab ID: 051578-054A

Client Sample ID: E27AR-0
Collection Date: 6/8/01 2:05:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010615A**	BatchID: **P01VOCS094**		PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/15/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/15/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/15/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Styrene	ND	5.0		µg/Kg	1.0	6/15/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Toluene	ND	5.0		µg/Kg	1.0	6/15/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT: Geocon Environmental
Client Sample ID: E28R-0
Lab Order: 051578
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 2:09:00 PM
Lab ID: 051578-055A
Matrix: Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010615B** BatchID: **P01VOCS095** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/15/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/15/01
Benzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Bromoform	ND	5.0		µg/Kg	1.0	6/15/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/15/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/15/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/15/01
Chloroform	ND	5.0		µg/Kg	1.0	6/15/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E28R-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:09:00 PM
Lab ID:	051578-055A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010615B**	BatchID: **P01VOCS095**		PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/15/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/15/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/15/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Styrene	ND	5.0		µg/Kg	1.0	6/15/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Toluene	ND	5.0		µg/Kg	1.0	6/15/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E28C-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:08:00 PM
Lab ID:	051578-056A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010615A** BatchID: **P01VOCS094** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/15/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/15/01
Benzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Bromoform	ND	5.0		µg/Kg	1.0	6/15/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/15/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/15/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/15/01
Chloroform	ND	5.0		µg/Kg	1.0	6/15/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E28C-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:08:00 PM
Lab ID:	051578-056A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010615A** BatchID: **P01VOCS094** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/15/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/15/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/15/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Styrene	ND	5.0		µg/Kg	1.0	6/15/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Toluene	ND	5.0		µg/Kg	1.0	6/15/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E28L-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:07:00 PM
Lab ID:	051578-057A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010615A** BatchID: **P01VOCS094** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/15/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/15/01
Benzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Bromoform	ND	5.0		µg/Kg	1.0	6/15/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/15/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/15/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/15/01
Chloroform	ND	5.0		µg/Kg	1.0	6/15/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ___

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E28L-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:07:00 PM
Lab ID:	051578-057A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010615A** BatchID: **P01VOCS094** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/15/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/15/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/15/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Styrene	ND	5.0		µg/Kg	1.0	6/15/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Toluene	ND	5.0		µg/Kg	1.0	6/15/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: [illegible]

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT: Geocon Environmental
Client Sample ID: MD9-0
Lab Order: 051578
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 2:50:00 PM
Lab ID: 051578-058A
Matrix: Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010615B** BatchID: **P01VOCS095** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/15/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/15/01
Benzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Bromoform	ND	5.0		µg/Kg	1.0	6/15/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/15/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/15/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/15/01
Chloroform	ND	5.0		µg/Kg	1.0	6/15/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD9-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:50:00 PM
Lab ID:	051578-058A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010615B** BatchID: **P01VOCS095** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/15/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/15/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/15/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Styrene	ND	5.0		µg/Kg	1.0	6/15/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Toluene	ND	5.0		µg/Kg	1.0	6/15/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: (B)

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD9-1
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:50:00 PM
Lab ID:	051578-059A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010615B** BatchID: **P01VOCS095** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/15/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/15/01
Benzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Bromoform	ND	5.0		µg/Kg	1.0	6/15/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/15/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/15/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/15/01
Chloroform	ND	5.0		µg/Kg	1.0	6/15/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT: Geocon Environmental
Client Sample ID: MD9-1
Lab Order: 051578
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 2:50:00 PM
Lab ID: 051578-059A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010615B**	BatchID: **P01VOCS095**			PrepDate:		Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/15/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/15/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/15/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Styrene	ND	5.0		µg/Kg	1.0	6/15/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Toluene	ND	5.0		µg/Kg	1.0	6/15/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD9-3
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:50:00 PM
Lab ID:	051578-060A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010615B** BatchID: **P01VOCS095** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/15/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/15/01
Benzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Bromoform	ND	5.0		µg/Kg	1.0	6/15/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/15/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/15/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/15/01
Chloroform	ND	5.0		µg/Kg	1.0	6/15/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD9-3
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:50:00 PM
Lab ID:	051578-060A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010615B**	BatchID: **P01VOCS095**		PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/15/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/15/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/15/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Styrene	ND	5.0		µg/Kg	1.0	6/15/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Toluene	ND	5.0		µg/Kg	1.0	6/15/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
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M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD15-1
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01
Lab ID:	051578-063A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010615B** BatchID: **P01VOCS095**			PrepDate:			Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/15/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/15/01
Benzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Bromoform	ND	5.0		µg/Kg	1.0	6/15/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/15/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/15/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/15/01
Chloroform	ND	5.0		µg/Kg	1.0	6/15/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
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Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD15-1
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01
Lab ID:	051578-063A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010615B**	BatchID: **P01VOCS095**			PrepDate:		Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/15/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/15/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/15/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Styrene	ND	5.0		µg/Kg	1.0	6/15/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Toluene	ND	5.0		µg/Kg	1.0	6/15/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD15-3
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01
Lab ID:	051578-064A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010615B** BatchID: **P01VOCS095** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/15/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/15/01
Benzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Bromoform	ND	5.0		µg/Kg	1.0	6/15/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/15/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/15/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/15/01
Chloroform	ND	5.0		µg/Kg	1.0	6/15/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
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Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD15-3
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01
Lab ID:	051578-064A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010615B** BatchID: **P01VOCS095**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/15/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/15/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/15/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Styrene	ND	5.0		µg/Kg	1.0	6/15/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Toluene	ND	5.0		µg/Kg	1.0	6/15/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD1-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:26:00 AM
Lab ID:	051578-001A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010612A** BatchID: **4556**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	26	5.0		mg/Kg	5.0	6/13/01
Motor Oil	130	5.0		mg/Kg	5.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD1-0.3
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:30:00 AM
Lab ID:	051578-002A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010612A** BatchID: **4556**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	27	2.0		mg/Kg	2.0	6/13/01
Motor Oil	140	2.0		mg/Kg	2.0	6/13/01
GASOLINE RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC2_010613A** BatchID: **E018G20S125**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD3-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:51:00 AM
Lab ID:	051578-005A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010612A** BatchID: **4556**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	220	20		mg/Kg	20	6/13/01
Motor Oil	780	20		mg/Kg	20	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD3-0.3
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:53:00 AM
Lab ID:	051578-006A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010612A** BatchID: **4556**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	240	20		mg/Kg	20	6/13/01
Motor Oil	730	20		mg/Kg	20	6/13/01
GASOLINE RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC2_010613A** BatchID: **E018G20S125**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD3-0.9
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:57:00 AM
Lab ID:	051578-007A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010612A** BatchID: **4556**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	440	40		mg/Kg	40	6/13/01
Motor Oil	1500	40		mg/Kg	40	6/13/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010613A** BatchID: **E018G20S125**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD5-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:18:00 AM
Lab ID:	051578-010A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010613D** BatchID: **4565**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	130	5.0		mg/Kg	5.0	6/13/01
Motor Oil	530	5.0		mg/Kg	5.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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CLIENT:	Geocon Environmental	**Client Sample ID:**	MD5-0.3
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:22:00 AM
Lab ID:	051578-011A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010613D** BatchID: **4565**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	230	20		mg/Kg	20	6/13/01
Motor Oil	1200	20		mg/Kg	20	6/13/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010613A** BatchID: **E018G20S125**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	ED2-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:18:00 AM
Lab ID:	051578-018A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010613D** BatchID: **4565**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	100	10		mg/Kg	10	6/13/01
Motor Oil	410	10		mg/Kg	10	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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CLIENT:	Geocon Environmental	**Client Sample ID:**	ED2-0.3
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:21:00 AM
Lab ID:	051578-019A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010613D** BatchID: **4565**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	46	5.0		mg/Kg	5.0	6/13/01
Motor Oil	170	5.0		mg/Kg	5.0	6/13/01
GASOLINE RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC2_010614A** BatchID: **E018G20S128**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD7-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:57:00 AM
Lab ID:	051578-020A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010613D** BatchID: **4565**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	48	5.0		mg/Kg	5.0	6/13/01
Motor Oil	160	5.0		mg/Kg	5.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD7-0.3
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:59:00 AM
Lab ID:	051578-021A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010613D** BatchID: **4565**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	170	10		mg/Kg	10	6/13/01
Motor Oil	450	10		mg/Kg	10	6/13/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010613A** BatchID: **E018G20S125**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD7-0.6
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:02:00 AM
Lab ID:	051578-022A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010613D** BatchID: **4565**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	37	5.0		mg/Kg	5.0	6/13/01
Motor Oil	130	5.0		mg/Kg	5.0	6/13/01
GASOLINE RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC2_010613B** BatchID: **E018G20S126**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	ED4-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:39:00 AM
Lab ID:	051578-027A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010613D**	BatchID: **4565**			PrepDate: **6/12/01**		Analyst: **AP**
Diesel	160	10		mg/Kg	10	6/13/01
Motor Oil	530	10		mg/Kg	10	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	ED4-0.3
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:41:00 AM
Lab ID:	051578-028A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010613D** BatchID: **4565**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	35	10		mg/Kg	10	6/14/01
Motor Oil	180	10		mg/Kg	10	6/14/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010614A** BatchID: **E018G20S128**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	ED4-0.6
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:45:00 AM
Lab ID:	051578-029A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010613D** BatchID: **4565**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	83	5.0		mg/Kg	5.0	6/14/01
Motor Oil	270	5.0		mg/Kg	5.0	6/14/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010613B** BatchID: **E018G20S126**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E23AL-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 12:52:00 PM
Lab ID:	051578-033A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615C** BatchID: **4603**				PrepDate: **6/14/01**		Analyst: **AP**
Diesel	160	20		mg/Kg	20	6/15/01
Motor Oil	710	20		mg/Kg	20	6/15/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010613B** BatchID: **E018G20S126**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E23AR-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 12:53:00 PM
Lab ID:	051578-034A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615C** BatchID: **4603**				PrepDate: **6/14/01**		Analyst: **AP**
Diesel	150	20		mg/Kg	20	6/15/01
Motor Oil	590	20		mg/Kg	20	6/15/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010613B** BatchID: **E018G20S126**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E24R-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 12:57:00 PM
Lab ID:	051578-035A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615C** BatchID: **4603**				PrepDate: **6/14/01**		Analyst: **AP**
Diesel	72	10		mg/Kg	10	6/15/01
Motor Oil	300	10		mg/Kg	10	6/15/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010613B** BatchID: **E018G20S126**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E24L-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 12:58:00 PM
Lab ID:	051578-036A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615C** BatchID: **4603**				PrepDate: **6/14/01**		Analyst: **AP**
Diesel	160	20		mg/Kg	20	6/15/01
Motor Oil	710	20		mg/Kg	20	6/15/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010613B** BatchID: **E018G20S126**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E24C-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 12:59:00 PM
Lab ID:	051578-037A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615C** BatchID: **4603**				PrepDate: **6/14/01**		Analyst: **AP**
Diesel	120	10		mg/Kg	10	6/15/01
Motor Oil	430	10		mg/Kg	10	6/15/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010613B** BatchID: **E018G20S126**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E25AL-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:34:00 PM
Lab ID:	051578-043A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615C** BatchID: **4603**				PrepDate: **6/14/01**		Analyst: **AP**
Diesel	43	5.0		mg/Kg	5.0	6/16/01
Motor Oil	200	5.0		mg/Kg	5.0	6/16/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010614B** BatchID: **E018G20S129**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E25AR-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:33:00 PM
Lab ID:	051578-044A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615C** BatchID: **4603**				PrepDate: **6/14/01**		Analyst: **AP**
Diesel	61	5.0		mg/Kg	5.0	6/16/01
Motor Oil	240	5.0		mg/Kg	5.0	6/16/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010613B** BatchID: **E018G20S126**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E26R-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:36:00 PM
Lab ID:	051578-045A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615C** BatchID: **4603**				PrepDate: **6/14/01**		Analyst: **AP**
Diesel	29	2.0		mg/Kg	2.0	6/16/01
Motor Oil	110	2.0		mg/Kg	2.0	6/16/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010614A** BatchID: **E018G20S128**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E26C-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:37:00 PM
Lab ID:	051578-046A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615C**	BatchID: **4603**			PrepDate: **6/14/01**		Analyst: **AP**
Diesel	21	2.0		mg/Kg	2.0	6/16/01
Motor Oil	97	2.0		mg/Kg	2.0	6/16/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010613C**	BatchID: **E018G20S127**			PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E26L-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:35:00 PM
Lab ID:	051578-047A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010615C** BatchID: **4603**				PrepDate: **6/14/01**		Analyst: **AP**
Diesel	27	2.0		mg/Kg	2.0	6/16/01
Motor Oil	120	2.0		mg/Kg	2.0	6/16/01
GASOLINE RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC2_010613C** BatchID: **E018G20S127**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E27AL-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:06:00 PM
Lab ID:	051578-053A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010617A** BatchID: **4607**				PrepDate: **6/15/01**		Analyst: **AP**
Diesel	45	2.0		mg/Kg	2.0	6/17/01
Motor Oil	160	2.0		mg/Kg	2.0	6/17/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010614A** BatchID: **E018G20S128**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E27AR-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:05:00 PM
Lab ID:	051578-054A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010617A** BatchID: **4607**				PrepDate: **6/15/01**		Analyst: **AP**
Diesel	18	1.0		mg/Kg	1.0	6/17/01
Motor Oil	55	1.0		mg/Kg	1.0	6/17/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010613C** BatchID: **E018G20S127**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E28R-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:09:00 PM
Lab ID:	051578-055A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010617A** BatchID: **4607**				PrepDate: **6/15/01**		Analyst: **AP**
Diesel	100	2.0		mg/Kg	2.0	6/17/01
Motor Oil	260	2.0		mg/Kg	2.0	6/17/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010613C** BatchID: **E018G20S127**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E28C-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:08:00 PM
Lab ID:	051578-056A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010617A** BatchID: **4607**				PrepDate: **6/15/01**		Analyst: **AP**
Diesel	35	1.0		mg/Kg	1.0	6/17/01
Motor Oil	94	1.0		mg/Kg	1.0	6/17/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010614B** BatchID: **E018G20S129**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/15/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E28L-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:07:00 PM
Lab ID:	051578-057A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010617A** BatchID: **4607**				PrepDate: **6/15/01**		Analyst: **AP**
Diesel	28	1.0		mg/Kg	1.0	6/17/01
Motor Oil	100	1.0		mg/Kg	1.0	6/17/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010613C** BatchID: **E018G20S127**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD9-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:50:00 PM
Lab ID:	051578-058A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010617A** BatchID: **4607**				PrepDate: **6/15/01**		Analyst: **AP**
Diesel	96	10		mg/Kg	10	6/17/01
Motor Oil	540	10		mg/Kg	10	6/17/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010613C** BatchID: **E018G20S127**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD9-1
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:50:00 PM
Lab ID:	051578-059A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010617A** BatchID: **4607**				PrepDate: **6/15/01**		Analyst: **AP**
Diesel	66	10		mg/Kg	10	6/17/01
Motor Oil	400	10		mg/Kg	10	6/17/01
GASOLINE RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC2_010613C** BatchID: **E018G20S127**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD9-3
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:50:00 PM
Lab ID:	051578-060A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010617A** BatchID: **4607**				PrepDate: **6/15/01**		Analyst: **AP**
Diesel	160	10		mg/Kg	10	6/17/01
Motor Oil	890	10		mg/Kg	10	6/17/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010614A** BatchID: **E018G20S128**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD15-1
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01
Lab ID:	051578-063A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010618A** BatchID: **4608**				PrepDate: **6/15/01**		Analyst: **AP**
Diesel	87	10		mg/Kg	10	6/18/01
Motor Oil	250	10		mg/Kg	10	6/18/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010614A** BatchID: **E018G20S128**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/20/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD15-3
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01
Lab ID:	051578-064A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010618A** BatchID: **4608**				PrepDate: **6/15/01**		Analyst: **AP**
Diesel	120	10		mg/Kg	10	6/18/01
Motor Oil	400	10		mg/Kg	10	6/18/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010614A** BatchID: **E018G20S128**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Advanced Technology Laboratories

Date: *20-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4556** Batch ID: **4556** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
MBLK SeqNo: **147607**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0		0				0			
Motor Oil	ND	1.0		0				0			

Sample ID **MB-4607** Batch ID: **4607** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/17/01** Prep Date: **6/15/01**
MBLK SeqNo: **149430**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0		0				0			
Motor Oil	ND	1.0		0				0			

Sample ID **MB-4565** Batch ID: **4565** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**
MBLK SeqNo: **149534**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0		0				0			
Motor Oil	ND	1.0		0				0			

Sample ID **MB-4603** Batch ID: **4603** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/15/01** Prep Date: **6/14/01**
MBLK SeqNo: **149563**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0		0				0			
Motor Oil	ND	1.0		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Method Blank

Sample ID **MB-4608** Batch ID: **4608** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**
MBLK SeqNo: **149857**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0		0				0			
Motor Oil	ND	1.0		0				0			

Sample ID **010613BLKS1** Batch ID: **E018G20S125** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date:
MBLK SeqNo: **147987**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0		0				0			

Sample ID **010613BLKS2** Batch ID: **E018G20S126** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date:
MBLK SeqNo: **148113**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0		0				0			

Sample ID **010613BLKS3** Batch ID: **E018G20S127** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date:
MBLK SeqNo: **148221**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0		0				0			

Sample ID **010614BLKS1** Batch ID: **E018G20S128** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date:
MBLK SeqNo: **148351**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **010614BLKS2** Batch ID: **E018G20S129** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date:

MBLK SeqNo: **149057**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0		0				0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4554** Batch ID: **4554** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**

MBLK SeqNo: **147684**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	4.0		0				0			
4,4'-DDE	ND	4.0		0				0			
4,4'-DDT	ND	4.0		0				0			
Aldrin	ND	2.0		0				0			
alpha-BHC	ND	2.0		0				0			
alpha-Chlordane	ND	4.0		0				0			
beta-BHC	ND	2.0		0				0			
Chlordane	ND	17		0				0			
delta-BHC	ND	2.0		0				0			
Dieldrin	ND	4.0		0				0			
Endosulfan I	ND	2.0		0				0			
Endosulfan II	ND	4.0		0				0			
Endosulfan sulfate	ND	4.0		0				0			
Endrin	ND	4.0		0				0			
Endrin aldehyde	ND	4.0		0				0			
Endrin ketone	ND	4.0		0				0			
gamma-BHC	ND	2.0		0				0			
gamma-Chlordane	ND	4.0		0				0			
Heptachlor	ND	2.0		0				0			
Heptachlor epoxide	ND	2.0		0				0			
Methoxychlor	ND	17		0				0			
Toxaphene	ND	170		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4604** Batch ID: **4604** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date: **6/14/01**

MBLK SeqNo: **148773**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	4.0		0				0			
4,4´-DDE	ND	4.0		0				0			
4,4´-DDT	ND	4.0		0				0			
Aldrin	ND	2.0		0				0			
alpha-BHC	ND	2.0		0				0			
alpha-Chlordane	ND	4.0		0				0			
beta-BHC	ND	2.0		0				0			
Chlordane	ND	17		0				0			
delta-BHC	ND	2.0		0				0			
Dieldrin	ND	4.0		0				0			
Endosulfan I	ND	2.0		0				0			
Endosulfan II	ND	4.0		0				0			
Endosulfan sulfate	ND	4.0		0				0			
Endrin	ND	4.0		0				0			
Endrin aldehyde	ND	4.0		0				0			
Endrin ketone	ND	4.0		0				0			
gamma-BHC	ND	2.0		0				0			
gamma-Chlordane	ND	4.0		0				0			
Heptachlor	ND	2.0		0				0			
Heptachlor epoxide	ND	2.0		0				0			
Methoxychlor	ND	17		0				0			
Toxaphene	ND	170		0				0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Method Blank

Sample ID **MB-4567** Batch ID: **4567** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date: **6/12/01**

MBLK SeqNo: **149315**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	4.0		0				0			
4,4´-DDE	ND	4.0		0				0			
4,4´-DDT	ND	4.0		0				0			
Aldrin	ND	2.0		0				0			
alpha-BHC	ND	2.0		0				0			
alpha-Chlordane	ND	4.0		0				0			
beta-BHC	ND	2.0		0				0			
Chlordane	ND	17		0				0			
delta-BHC	ND	2.0		0				0			
Dieldrin	ND	4.0		0				0			
Endosulfan I	ND	2.0		0				0			
Endosulfan II	ND	4.0		0				0			
Endosulfan sulfate	ND	4.0		0				0			
Endrin	ND	4.0		0				0			
Endrin aldehyde	ND	4.0		0				0			
Endrin ketone	ND	4.0		0				0			
gamma-BHC	ND	2.0		0				0			
gamma-Chlordane	ND	4.0		0				0			
Heptachlor	ND	2.0		0				0			
Heptachlor epoxide	ND	2.0		0				0			
Methoxychlor	ND	17		0				0			
Toxaphene	ND	170		0				0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
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QC SUMMARY REPORT
Method Blank

Sample ID **MB-4605** Batch ID: **4605** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/16/01** Prep Date: **6/14/01**

MBLK SeqNo: **150114**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	4.0		0				0			
4,4´-DDE	ND	4.0		0				0			
4,4´-DDT	ND	4.0		0				0			
Aldrin	ND	2.0		0				0			
alpha-BHC	ND	2.0		0				0			
alpha-Chlordane	ND	4.0		0				0			
beta-BHC	ND	2.0		0				0			
Chlordane	ND	17		0				0			
delta-BHC	ND	2.0		0				0			
Dieldrin	ND	4.0		0				0			
Endosulfan I	ND	2.0		0				0			
Endosulfan II	ND	4.0		0				0			
Endosulfan sulfate	ND	4.0		0				0			
Endrin	ND	4.0		0				0			
Endrin aldehyde	ND	4.0		0				0			
Endrin ketone	ND	4.0		0				0			
gamma-BHC	ND	2.0		0				0			
gamma-Chlordane	ND	4.0		0				0			
Heptachlor	ND	2.0		0				0			
Heptachlor epoxide	ND	2.0		0				0			
Methoxychlor	ND	17		0				0			
Toxaphene	ND	170		0				0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4554** Batch ID: **4554** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
MBLK SeqNo: **147719**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33		0				0			
Aroclor 1221	ND	67		0				0			
Aroclor 1232	ND	33		0				0			
Aroclor 1242	ND	33		0				0			
Aroclor 1248	ND	33		0				0			
Aroclor 1254	ND	33		0				0			
Aroclor 1260	ND	33		0				0			
Aroclor 1262	ND	33		0				0			
Aroclor 1268	ND	33		0				0			

Sample ID **MB-4604** Batch ID: **4604** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date: **6/14/01**
MBLK SeqNo: **148809**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33		0				0			
Aroclor 1221	ND	67		0				0			
Aroclor 1232	ND	33		0				0			
Aroclor 1242	ND	33		0				0			
Aroclor 1248	ND	33		0				0			
Aroclor 1254	ND	33		0				0			
Aroclor 1260	ND	33		0				0			
Aroclor 1262	ND	33		0				0			
Aroclor 1268	ND	33		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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QC SUMMARY REPORT
Method Blank

Sample ID **MB-4567** Batch ID: **4567** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date: **6/12/01**
MBLK SeqNo: **149354**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33		0				0			
Aroclor 1221	ND	67		0				0			
Aroclor 1232	ND	33		0				0			
Aroclor 1242	ND	33		0				0			
Aroclor 1248	ND	33		0				0			
Aroclor 1254	ND	33		0				0			
Aroclor 1260	ND	33		0				0			
Aroclor 1262	ND	33		0				0			
Aroclor 1268	ND	33		0				0			

Sample ID **MB-4605** Batch ID: **4605** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date: **6/14/01**
MBLK SeqNo: **150133**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33		0				0			
Aroclor 1221	ND	67		0				0			
Aroclor 1232	ND	33		0				0			
Aroclor 1242	ND	33		0				0			
Aroclor 1248	ND	33		0				0			
Aroclor 1254	ND	33		0				0			
Aroclor 1260	ND	33		0				0			
Aroclor 1262	ND	33		0				0			
Aroclor 1268	ND	33		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **010614BLKS1** Batch ID: **P01VOCS092** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date:

MBLK SeqNo: **148557**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0		0				0			
1,1,1-Trichloroethane	ND	5.0		0				0			
1,1,2,2-Tetrachloroethane	ND	5.0		0				0			
1,1,2-Trichloroethane	ND	5.0		0				0			
1,1-Dichloroethane	ND	5.0		0				0			
1,1-Dichloroethene	ND	5.0		0				0			
1,1-Dichloropropene	ND	5.0		0				0			
1,2,3-Trichlorobenzene	ND	5.0		0				0			
1,2,3-Trichloropropane	ND	5.0		0				0			
1,2,4-Trichlorobenzene	ND	5.0		0				0			
1,2,4-Trimethylbenzene	ND	5.0		0				0			
1,2-Dibromo-3-chloropropane	ND	10		0				0			
1,2-Dibromoethane	ND	5.0		0				0			
1,2-Dichlorobenzene	ND	5.0		0				0			
1,2-Dichloroethane	ND	5.0		0				0			
1,2-Dichloropropane	ND	5.0		0				0			
1,3,5-Trimethylbenzene	ND	5.0		0				0			
1,3-Dichlorobenzene	ND	5.0		0				0			
1,3-Dichloropropane	ND	5.0		0				0			
1,4-Dichlorobenzene	ND	5.0		0				0			
2,2-Dichloropropane	ND	5.0		0				0			
2-Chlorotoluene	ND	5.0		0				0			
4-Chlorotoluene	ND	5.0		0				0			
4-Isopropyltoluene	ND	5.0		0				0			
Benzene	ND	5.0		0				0			
Bromobenzene	ND	5.0		0				0			
Bromodichloromethane	ND	5.0		0				0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Bromoform	ND	5.0	0	0
Bromomethane	ND	5.0	0	0
Carbon tetrachloride	ND	5.0	0	0
Chlorobenzene	ND	5.0	0	0
Chloroethane	ND	5.0	0	0
Chloroform	ND	5.0	0	0
Chloromethane	ND	5.0	0	0
cis-1,2-Dichloroethene	ND	5.0	0	0
cis-1,3-Dichloropropene	ND	5.0	0	0
Dibromochloromethane	ND	5.0	0	0
Dibromomethane	ND	5.0	0	0
Dichlorodifluoromethane	ND	5.0	0	0
Ethylbenzene	ND	5.0	0	0
Hexachlorobutadiene	ND	5.0	0	0
Isopropylbenzene	ND	5.0	0	0
m,p-Xylene	ND	5.0	0	0
Methylene chloride	ND	5.0	0	0
n-Butylbenzene	ND	5.0	0	0
n-Propylbenzene	ND	5.0	0	0
Naphthalene	ND	5.0	0	0
o-Xylene	ND	5.0	0	0
sec-Butylbenzene	ND	5.0	0	0
Styrene	ND	5.0	0	0
tert-Butylbenzene	ND	5.0	0	0
Tetrachloroethene	ND	5.0	0	0
Toluene	ND	5.0	0	0
trans-1,2-Dichloroethene	ND	5.0	0	0
Trichloroethene	ND	5.0	0	0
Trichlorofluoromethane	ND	5.0	0	0
Vinyl chloride	ND	5.0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **010614BLKS1** Batch ID: **P01VOCS093** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date:

MBLK SeqNo: **148590**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0		0				0			
1,1,1-Trichloroethane	ND	5.0		0				0			
1,1,2,2-Tetrachloroethane	ND	5.0		0				0			
1,1,2-Trichloroethane	ND	5.0		0				0			
1,1-Dichloroethane	ND	5.0		0				0			
1,1-Dichloroethene	ND	5.0		0				0			
1,1-Dichloropropene	ND	5.0		0				0			
1,2,3-Trichlorobenzene	ND	5.0		0				0			
1,2,3-Trichloropropane	ND	5.0		0				0			
1,2,4-Trichlorobenzene	ND	5.0		0				0			
1,2,4-Trimethylbenzene	ND	5.0		0				0			
1,2-Dibromo-3-chloropropane	ND	10		0				0			
1,2-Dibromoethane	ND	5.0		0				0			
1,2-Dichlorobenzene	ND	5.0		0				0			
1,2-Dichloroethane	ND	5.0		0				0			
1,2-Dichloropropane	ND	5.0		0				0			
1,3,5-Trimethylbenzene	ND	5.0		0				0			
1,3-Dichlorobenzene	ND	5.0		0				0			
1,3-Dichloropropane	ND	5.0		0				0			
1,4-Dichlorobenzene	ND	5.0		0				0			
2,2-Dichloropropane	ND	5.0		0				0			
2-Chlorotoluene	ND	5.0		0				0			
4-Chlorotoluene	ND	5.0		0				0			
4-Isopropyltoluene	ND	5.0		0				0			
Benzene	ND	5.0		0				0			
Bromobenzene	ND	5.0		0				0			
Bromodichloromethane	ND	5.0		0				0			

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank; M - Not Monitored. Highly Reactive; S - Spike/Surrogate outside of limits due to matrix interference; DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Method Blank

Bromoform	ND	5.0	0	0
Bromomethane	ND	5.0	0	0
Carbon tetrachloride	ND	5.0	0	0
Chlorobenzene	ND	5.0	0	0
Chloroethane	ND	5.0	0	0
Chloroform	ND	5.0	0	0
Chloromethane	ND	5.0	0	0
cis-1,2-Dichloroethene	ND	5.0	0	0
cis-1,3-Dichloropropene	ND	5.0	0	0
Dibromochloromethane	ND	5.0	0	0
Dibromomethane	ND	5.0	0	0
Dichlorodifluoromethane	ND	5.0	0	0
Ethylbenzene	ND	5.0	0	0
Hexachlorobutadiene	ND	5.0	0	0
Isopropylbenzene	ND	5.0	0	0
m,p-Xylene	ND	5.0	0	0
Methylene chloride	ND	5.0	0	0
n-Butylbenzene	ND	5.0	0	0
n-Propylbenzene	ND	5.0	0	0
Naphthalene	ND	5.0	0	0
o-Xylene	ND	5.0	0	0
sec-Butylbenzene	ND	5.0	0	0
Styrene	ND	5.0	0	0
tert-Butylbenzene	ND	5.0	0	0
Tetrachloroethene	ND	5.0	0	0
Toluene	ND	5.0	0	0
trans-1,2-Dichloroethene	ND	5.0	0	0
Trichloroethene	ND	5.0	0	0
Trichlorofluoromethane	ND	5.0	0	0
Vinyl chloride	ND	5.0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **010615BLKS1** Batch ID: **P01VOCS094** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date:

MBLK SeqNo: **148906**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0		0				0			
1,1,1-Trichloroethane	ND	5.0		0				0			
1,1,2,2-Tetrachloroethane	ND	5.0		0				0			
1,1,2-Trichloroethane	ND	5.0		0				0			
1,1-Dichloroethane	ND	5.0		0				0			
1,1-Dichloroethene	ND	5.0		0				0			
1,1-Dichloropropene	ND	5.0		0				0			
1,2,3-Trichlorobenzene	ND	5.0		0				0			
1,2,3-Trichloropropane	ND	5.0		0				0			
1,2,4-Trichlorobenzene	ND	5.0		0				0			
1,2,4-Trimethylbenzene	ND	5.0		0				0			
1,2-Dibromo-3-chloropropane	ND	10		0				0			
1,2-Dibromoethane	ND	5.0		0				0			
1,2-Dichlorobenzene	ND	5.0		0				0			
1,2-Dichloroethane	ND	5.0		0				0			
1,2-Dichloropropane	ND	5.0		0				0			
1,3,5-Trimethylbenzene	ND	5.0		0				0			
1,3-Dichlorobenzene	ND	5.0		0				0			
1,3-Dichloropropane	ND	5.0		0				0			
1,4-Dichlorobenzene	ND	5.0		0				0			
2,2-Dichloropropane	ND	5.0		0				0			
2-Chlorotoluene	ND	5.0		0				0			
4-Chlorotoluene	ND	5.0		0				0			
4-Isopropyltoluene	ND	5.0		0				0			
Benzene	ND	5.0		0				0			
Bromobenzene	ND	5.0		0				0			
Bromodichloromethane	ND	5.0		0				0			

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank; M - Not Monitored. Highly Reactive; S - Spike/Surrogate outside of limits due to matrix interference; DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Method Blank

Bromoform	ND	5.0	0	0
Bromomethane	ND	5.0	0	0
Carbon tetrachloride	ND	5.0	0	0
Chlorobenzene	ND	5.0	0	0
Chloroethane	ND	5.0	0	0
Chloroform	ND	5.0	0	0
Chloromethane	ND	5.0	0	0
cis-1,2-Dichloroethene	ND	5.0	0	0
cis-1,3-Dichloropropene	ND	5.0	0	0
Dibromochloromethane	ND	5.0	0	0
Dibromomethane	ND	5.0	0	0
Dichlorodifluoromethane	ND	5.0	0	0
Ethylbenzene	ND	5.0	0	0
Hexachlorobutadiene	ND	5.0	0	0
Isopropylbenzene	ND	5.0	0	0
m,p-Xylene	ND	5.0	0	0
Methylene chloride	ND	5.0	0	0
n-Butylbenzene	ND	5.0	0	0
n-Propylbenzene	ND	5.0	0	0
Naphthalene	ND	5.0	0	0
o-Xylene	ND	5.0	0	0
sec-Butylbenzene	ND	5.0	0	0
Styrene	ND	5.0	0	0
tert-Butylbenzene	ND	5.0	0	0
Tetrachloroethene	ND	5.0	0	0
Toluene	ND	5.0	0	0
trans-1,2-Dichloroethene	ND	5.0	0	0
Trichloroethene	ND	5.0	0	0
Trichlorofluoromethane	ND	5.0	0	0
Vinyl chloride	ND	5.0	0	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
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DO - Surrogate Diluted Out

Initials: ____

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **010615BLKS1** Batch ID: **P01VOCS095** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date:

MBLK SeqNo: **148936**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0		0				0			
1,1,1-Trichloroethane	ND	5.0		0				0			
1,1,2,2-Tetrachloroethane	ND	5.0		0				0			
1,1,2-Trichloroethane	ND	5.0		0				0			
1,1-Dichloroethane	ND	5.0		0				0			
1,1-Dichloroethene	ND	5.0		0				0			
1,1-Dichloropropene	ND	5.0		0				0			
1,2,3-Trichlorobenzene	ND	5.0		0				0			
1,2,3-Trichloropropane	ND	5.0		0				0			
1,2,4-Trichlorobenzene	ND	5.0		0				0			
1,2,4-Trimethylbenzene	ND	5.0		0				0			
1,2-Dibromo-3-chloropropane	ND	10		0				0			
1,2-Dibromoethane	ND	5.0		0				0			
1,2-Dichlorobenzene	ND	5.0		0				0			
1,2-Dichloroethane	ND	5.0		0				0			
1,2-Dichloropropane	ND	5.0		0				0			
1,3,5-Trimethylbenzene	ND	5.0		0				0			
1,3-Dichlorobenzene	ND	5.0		0				0			
1,3-Dichloropropane	ND	5.0		0				0			
1,4-Dichlorobenzene	ND	5.0		0				0			
2,2-Dichloropropane	ND	5.0		0				0			
2-Chlorotoluene	ND	5.0		0				0			
4-Chlorotoluene	ND	5.0		0				0			
4-Isopropyltoluene	ND	5.0		0				0			
Benzene	ND	5.0		0				0			
Bromobenzene	ND	5.0		0				0			
Bromodichloromethane	ND	5.0		0				0			

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank; M - Not Monitored. Highly Reactive; S - Spike/Surrogate outside of limits due to matrix interference; DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Method Blank

Bromoform	ND	5.0	0	0
Bromomethane	ND	5.0	0	0
Carbon tetrachloride	ND	5.0	0	0
Chlorobenzene	ND	5.0	0	0
Chloroethane	ND	5.0	0	0
Chloroform	ND	5.0	0	0
Chloromethane	ND	5.0	0	0
cis-1,2-Dichloroethene	ND	5.0	0	0
cis-1,3-Dichloropropene	ND	5.0	0	0
Dibromochloromethane	ND	5.0	0	0
Dibromomethane	ND	5.0	0	0
Dichlorodifluoromethane	ND	5.0	0	0
Ethylbenzene	ND	5.0	0	0
Hexachlorobutadiene	ND	5.0	0	0
Isopropylbenzene	ND	5.0	0	0
m,p-Xylene	ND	5.0	0	0
Methylene chloride	ND	5.0	0	0
n-Butylbenzene	ND	5.0	0	0
n-Propylbenzene	ND	5.0	0	0
Naphthalene	ND	5.0	0	0
o-Xylene	ND	5.0	0	0
sec-Butylbenzene	ND	5.0	0	0
Styrene	ND	5.0	0	0
tert-Butylbenzene	ND	5.0	0	0
Tetrachloroethene	ND	5.0	0	0
Toluene	ND	5.0	0	0
trans-1,2-Dichloroethene	ND	5.0	0	0
Trichloroethene	ND	5.0	0	0
Trichlorofluoromethane	ND	5.0	0	0
Vinyl chloride	ND	5.0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank; M - Not Monitored. Highly Reactive; S - Spike/Surrogate outside of limits due to matrix interference; DO - Surrogate Diluted Out

Initials: M

All calculations are based on raw values.

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Advanced Technology Laboratories

Date: *20-Jun-01*

CLIENT: Geocon Environmental
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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051539-033A** Batch ID: **4556** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
DUP SeqNo: **147611**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	2.6	1.0	0	0	0	0	0	3.2	20	30	
Motor Oil	7.4	1.0	0	0	0	0	0	9.7	27	30	

Sample ID **051578-054ADU** Batch ID: **4607** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/17/01** Prep Date: **6/15/01**
DUP SeqNo: **149435**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	29	2.0	0	0	0	0	0	18	47	30	R
Motor Oil	130	2.0	0	0	0	0	0	55	81	30	R

Sample ID **051578-020ADU** Batch ID: **4565** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**
DUP SeqNo: **149536**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	21	1.0	0	0	0	0	0	48	78	30	R
Motor Oil	50	1.0	0	0	0	0	0	160	106	30	R

Sample ID **051578-046ADU** Batch ID: **4603** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/16/01** Prep Date: **6/14/01**
DUP SeqNo: **149577**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	20	2.0	0	0	0	0	0	21	6	30	
Motor Oil	87	2.0	0	0	0	0	0	97	11	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051636-007ADU** Batch ID: **4608** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**
DUP SeqNo: **149861**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0	0	0	0	0	0	2.1	0	30	
Motor Oil	ND	1.0	0	0	0	0	0	2	0	30	

Sample ID **051567-036ADU** Batch ID: **E018G20S125** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date:
DUP SeqNo: **147989**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

Sample ID **051578-029ADU** Batch ID: **E018G20S126** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date:
DUP SeqNo: **148117**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

Sample ID **051578-064ADU** Batch ID: **E018G20S128** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date:
DUP SeqNo: **148355**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

Sample ID **051578-046A** Batch ID: **E018G20S128** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date:
DUP SeqNo: **148481**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051578-043ADU** Batch ID: **E018G20S129** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date:

DUP SeqNo: **149059**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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Work Order: 051578
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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051578-020A** Batch ID: **4554** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**

DUP SeqNo: **147698**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	20	0	0	0	0	0	0	0	30	
4,4´-DDE	ND	20	0	0	0	0	0	0	0	30	
4,4´-DDT	10	20	0	0	0	0	0	0	200	30	JR
Aldrin	ND	10	0	0	0	0	0	0	0	30	
alpha-BHC	ND	10	0	0	0	0	0	0	0	30	
alpha-Chlordane	ND	20	0	0	0	0	0	0	0	30	
beta-BHC	ND	10	0	0	0	0	0	0	0	30	
Chlordane	ND	85	0	0	0	0	0	0	0	30	
delta-BHC	ND	10	0	0	0	0	0	0	0	30	
Dieldrin	ND	20	0	0	0	0	0	0	0	30	
Endosulfan I	ND	10	0	0	0	0	0	0	0	30	
Endosulfan II	ND	20	0	0	0	0	0	0	0	30	
Endosulfan sulfate	ND	20	0	0	0	0	0	0	0	30	
Endrin	ND	20	0	0	0	0	0	0	0	30	
Endrin aldehyde	ND	20	0	0	0	0	0	0	0	30	
Endrin ketone	ND	20	0	0	0	0	0	0	0	30	
gamma-BHC	ND	10	0	0	0	0	0	0	0	30	
gamma-Chlordane	ND	20	0	0	0	0	0	0	0	30	
Heptachlor	ND	10	0	0	0	0	0	0	0	30	
Heptachlor epoxide	ND	10	0	0	0	0	0	0	0	30	
Methoxychlor	ND	85	0	0	0	0	0	0	0	30	
Toxaphene	ND	850	0	0	0	0	0	0	0	30	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051578-045ADU** Batch ID: **4604** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date: **6/14/01**

DUP SeqNo: **149054**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	40	0	0	0	0	0	0	0	30	
4,4'-DDE	ND	40	0	0	0	0	0	0	0	30	
4,4'-DDT	ND	40	0	0	0	0	0	17	0	30	
Aldrin	ND	20	0	0	0	0	0	0	0	30	
alpha-BHC	ND	20	0	0	0	0	0	0	0	30	
alpha-Chlordane	ND	40	0	0	0	0	0	0	0	30	
beta-BHC	ND	20	0	0	0	0	0	0	0	30	
Chlordane	ND	170	0	0	0	0	0	0	0	30	
delta-BHC	ND	20	0	0	0	0	0	0	0	30	
Dieldrin	ND	40	0	0	0	0	0	0	0	30	
Endosulfan I	ND	20	0	0	0	0	0	0	0	30	
Endosulfan II	ND	40	0	0	0	0	0	0	0	30	
Endosulfan sulfate	ND	40	0	0	0	0	0	0	0	30	
Endrin	ND	40	0	0	0	0	0	0	0	30	
Endrin aldehyde	ND	40	0	0	0	0	0	0	0	30	
Endrin ketone	ND	40	0	0	0	0	0	0	0	30	
gamma-BHC	ND	20	0	0	0	0	0	0	0	30	
gamma-Chlordane	ND	40	0	0	0	0	0	0	0	30	
Heptachlor	ND	20	0	0	0	0	0	0	0	30	
Heptachlor epoxide	ND	20	0	0	0	0	0	0	0	30	
Methoxychlor	ND	170	0	0	0	0	0	0	0	30	
Toxaphene	ND	1700	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051578-033ADU** Batch ID: **4567** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/16/01** Prep Date: **6/12/01**

DUP SeqNo: **149344**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	40	0	0	0	0	0	0	0	30	
4,4´-DDE	7	40	0	0	0	0	0	0	200	30	JR
4,4´-DDT	20	40	0	0	0	0	0	19	4	30	J
Aldrin	ND	20	0	0	0	0	0	0	0	30	
alpha-BHC	ND	20	0	0	0	0	0	0	0	30	
alpha-Chlordane	ND	40	0	0	0	0	0	0	0	30	
beta-BHC	ND	20	0	0	0	0	0	0	0	30	
Chlordane	ND	170	0	0	0	0	0	0	0	30	
delta-BHC	ND	20	0	0	0	0	0	0	0	30	
Dieldrin	ND	40	0	0	0	0	0	0	0	30	
Endosulfan I	ND	20	0	0	0	0	0	0	0	30	
Endosulfan II	ND	40	0	0	0	0	0	0	0	30	
Endosulfan sulfate	ND	40	0	0	0	0	0	0	0	30	
Endrin	ND	40	0	0	0	0	0	0	0	30	
Endrin aldehyde	ND	40	0	0	0	0	0	0	0	30	
Endrin ketone	ND	40	0	0	0	0	0	0	0	30	
gamma-BHC	ND	20	0	0	0	0	0	0	0	30	
gamma-Chlordane	ND	40	0	0	0	0	0	0	0	30	
Heptachlor	ND	20	0	0	0	0	0	0	0	30	
Heptachlor epoxide	ND	20	0	0	0	0	0	0	0	30	
Methoxychlor	ND	170	0	0	0	0	0	0	0	30	
Toxaphene	ND	1700	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

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CLIENT: Geocon Environmental
Work Order: 051578
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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051578-056ADU** Batch ID: **4605** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/17/01** Prep Date: **6/14/01**

DUP SeqNo: **150122**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	8.0	0	0	0	0	0	0	0	30	
4,4´-DDE	ND	8.0	0	0	0	0	0	0	0	30	
4,4´-DDT	4	8.0	0	0	0	0	0	3	20	30	J
Aldrin	ND	4.0	0	0	0	0	0	0	0	30	
alpha-BHC	ND	4.0	0	0	0	0	0	0	0	30	
alpha-Chlordane	ND	8.0	0	0	0	0	0	0	0	30	
beta-BHC	ND	4.0	0	0	0	0	0	0	0	30	
Chlordane	ND	34	0	0	0	0	0	0	0	30	
delta-BHC	ND	4.0	0	0	0	0	0	0	0	30	
Dieldrin	ND	8.0	0	0	0	0	0	0	0	30	
Endosulfan I	ND	4.0	0	0	0	0	0	0	0	30	
Endosulfan II	ND	8.0	0	0	0	0	0	0	0	30	
Endosulfan sulfate	ND	8.0	0	0	0	0	0	0	0	30	
Endrin	ND	8.0	0	0	0	0	0	0	0	30	
Endrin aldehyde	ND	8.0	0	0	0	0	0	0	0	30	
Endrin ketone	ND	8.0	0	0	0	0	0	0	0	30	
gamma-BHC	ND	4.0	0	0	0	0	0	0	0	30	
gamma-Chlordane	ND	8.0	0	0	0	0	0	0	0	30	
Heptachlor	ND	4.0	0	0	0	0	0	0	0	30	
Heptachlor epoxide	ND	4.0	0	0	0	0	0	0	0	30	
Methoxychlor	ND	34	0	0	0	0	0	0	0	30	
Toxaphene	ND	340	0	0	0	0	0	0	0	30	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Duplicate

Sample ID **051578-020A** Batch ID: **4554** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**

DUP SeqNo: **147729**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	160	0	0	0	0	0	0	0	30	
Aroclor 1221	ND	340	0	0	0	0	0	0	0	30	
Aroclor 1232	ND	160	0	0	0	0	0	0	0	30	
Aroclor 1242	ND	160	0	0	0	0	0	0	0	30	
Aroclor 1248	ND	160	0	0	0	0	0	0	0	30	
Aroclor 1254	ND	160	0	0	0	0	0	0	0	30	
Aroclor 1260	60	160	0	0	0	0	0	0	200	30	JR
Aroclor 1262	ND	160	0	0	0	0	0	0	0	30	
Aroclor 1268	ND	160	0	0	0	0	0	0	0	30	

Sample ID **051578-045ADU** Batch ID: **4604** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date: **6/14/01**

DUP SeqNo: **149088**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	330	0	0	0	0	0	0	0	30	
Aroclor 1221	ND	670	0	0	0	0	0	0	0	30	
Aroclor 1232	ND	330	0	0	0	0	0	0	0	30	
Aroclor 1242	ND	330	0	0	0	0	0	0	0	30	
Aroclor 1248	ND	330	0	0	0	0	0	0	0	30	
Aroclor 1254	40	330	0	0	0	0	0	260	153	30	J
Aroclor 1260	ND	330	0	0	0	0	0	0	0	30	
Aroclor 1262	ND	330	0	0	0	0	0	0	0	30	
Aroclor 1268	ND	330	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Duplicate

Sample ID **051578-033ADU** Batch ID: **4567** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/16/01** Prep Date: **6/12/01**

DUP SeqNo: **149374**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	330	0	0	0	0	0	0	0	30	
Aroclor 1221	ND	670	0	0	0	0	0	0	0	30	
Aroclor 1232	ND	330	0	0	0	0	0	0	0	30	
Aroclor 1242	ND	330	0	0	0	0	0	0	0	30	
Aroclor 1248	ND	330	0	0	0	0	0	0	0	30	
Aroclor 1254	ND	330	0	0	0	0	0	0	0	30	
Aroclor 1260	ND	330	0	0	0	0	0	0	0	30	
Aroclor 1262	650	330	0	0	0	0	0	430	40	30	R
Aroclor 1268	ND	330	0	0	0	0	0	0	0	30	

Sample ID **051578-056ADU** Batch ID: **4605** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date: **6/14/01**

DUP SeqNo: **150141**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	66	0	0	0	0	0	0	0	30	
Aroclor 1221	ND	130	0	0	0	0	0	0	0	30	
Aroclor 1232	ND	66	0	0	0	0	0	0	0	30	
Aroclor 1242	ND	66	0	0	0	0	0	0	0	30	
Aroclor 1248	ND	66	0	0	0	0	0	0	0	30	
Aroclor 1254	ND	66	0	0	0	0	0	0	0	30	
Aroclor 1260	ND	66	0	0	0	0	0	0	0	30	
Aroclor 1262	ND	66	0	0	0	0	0	0	0	30	
Aroclor 1268	ND	66	0	0	0	0	0	0	0	30	

Qualifiers:
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051567-057ADU** Batch ID: **P01VOCS092** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date:

DUP SeqNo: **148561**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,1-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dibromo-3-chloropropane	ND	10	0	0	0	0	0	0	0	30	
1,2-Dibromoethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,3,5-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,4-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
2,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
2-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Isopropyltoluene	ND	5.0	0	0	0	0	0	0	0	30	
Benzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromobenzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromodichloromethane	ND	5.0	0	0	0	0	0	0	0	30	

Qualifiers: ND - Not Detected at the Reporting Limit
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DO - Surrogate Diluted Out

Initials: _____

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Duplicate

Bromoform	ND	5.0	0	0	0	0	0	0	0	30
Bromomethane	ND	5.0	0	0	0	0	0	0	0	30
Carbon tetrachloride	ND	5.0	0	0	0	0	0	0	0	30
Chlorobenzene	ND	5.0	0	0	0	0	0	0	0	30
Chloroethane	ND	5.0	0	0	0	0	0	0	0	30
Chloroform	ND	5.0	0	0	0	0	0	0	0	30
Chloromethane	ND	5.0	0	0	0	0	0	0	0	30
cis-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
cis-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30
Dibromochloromethane	ND	5.0	0	0	0	0	0	0	0	30
Dibromomethane	ND	5.0	0	0	0	0	0	0	0	30
Dichlorodifluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Ethylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Hexachlorobutadiene	ND	5.0	0	0	0	0	0	0	0	30
Isopropylbenzene	ND	5.0	0	0	0	0	0	0	0	30
m,p-Xylene	ND	5.0	0	0	0	0	0	0	0	30
Methylene chloride	ND	5.0	0	0	0	0	0	0	0	30
n-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
n-Propylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Naphthalene	ND	5.0	0	0	0	0	0	0	0	30
o-Xylene	ND	5.0	0	0	0	0	0	0	0	30
sec-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Styrene	ND	5.0	0	0	0	0	0	0	0	30
tert-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Tetrachloroethene	ND	5.0	0	0	0	0	0	0	0	30
Toluene	ND	5.0	0	0	0	0	0	0	0	30
trans-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichlorofluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Vinyl chloride	ND	5.0	0	0	0	0	0	0	0	30

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051578-006ADU** Batch ID: **P01VOCS093** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date:

DUP SeqNo: **148592**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,1-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dibromo-3-chloropropane	ND	10	0	0	0	0	0	0	0	30	
1,2-Dibromoethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,3,5-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,4-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
2,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
2-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Isopropyltoluene	ND	5.0	0	0	0	0	0	0	0	30	
Benzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromobenzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromodichloromethane	ND	5.0	0	0	0	0	0	0	0	30	

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank; M - Not Monitored. Highly Reactive; S - Spike/Surrogate outside of limits due to matrix interference; DO - Surrogate Diluted Out

Initials: D

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Duplicate

Bromoform	ND	5.0	0	0	0	0	0	0	0	30
Bromomethane	ND	5.0	0	0	0	0	0	0	0	30
Carbon tetrachloride	ND	5.0	0	0	0	0	0	0	0	30
Chlorobenzene	ND	5.0	0	0	0	0	0	0	0	30
Chloroethane	ND	5.0	0	0	0	0	0	0	0	30
Chloroform	ND	5.0	0	0	0	0	0	0	0	30
Chloromethane	ND	5.0	0	0	0	0	0	0	0	30
cis-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
cis-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30
Dibromochloromethane	ND	5.0	0	0	0	0	0	0	0	30
Dibromomethane	ND	5.0	0	0	0	0	0	0	0	30
Dichlorodifluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Ethylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Hexachlorobutadiene	ND	5.0	0	0	0	0	0	0	0	30
Isopropylbenzene	ND	5.0	0	0	0	0	0	0	0	30
m,p-Xylene	ND	5.0	0	0	0	0	0	0	0	30
Methylene chloride	ND	5.0	0	0	0	0	0	0	0	30
n-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
n-Propylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Naphthalene	ND	5.0	0	0	0	0	0	0	0	30
o-Xylene	ND	5.0	0	0	0	0	0	0	0	30
sec-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Styrene	ND	5.0	0	0	0	0	0	0	0	30
tert-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Tetrachloroethene	ND	5.0	0	0	0	0	0	0	0	30
Toluene	ND	5.0	0	0	0	0	0	0	0	30
trans-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichlorofluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Vinyl chloride	ND	5.0	0	0	0	0	0	0	0	30

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
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Initials: _____

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051578-036ADU** Batch ID: **P01VOCS094** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date:

DUP SeqNo: **148908**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,1-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dibromo-3-chloropropane	ND	10	0	0	0	0	0	0	0	30	
1,2-Dibromoethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,3,5-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,4-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
2,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
2-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Isopropyltoluene	ND	5.0	0	0	0	0	0	0	0	30	
Benzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromobenzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromodichloromethane	ND	5.0	0	0	0	0	0	0	0	30	

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank; M - Not Monitored. Highly Reactive; S - Spike/Surrogate outside of limits due to matrix interference; DO - Surrogate Diluted Out

Initials:

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Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Duplicate

Bromoform	ND	5.0	0	0	0	0	0	0	0	30
Bromomethane	ND	5.0	0	0	0	0	0	0	0	30
Carbon tetrachloride	ND	5.0	0	0	0	0	0	0	0	30
Chlorobenzene	ND	5.0	0	0	0	0	0	0	0	30
Chloroethane	ND	5.0	0	0	0	0	0	0	0	30
Chloroform	ND	5.0	0	0	0	0	0	0	0	30
Chloromethane	ND	5.0	0	0	0	0	0	0	0	30
cis-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
cis-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30
Dibromochloromethane	ND	5.0	0	0	0	0	0	0	0	30
Dibromomethane	ND	5.0	0	0	0	0	0	0	0	30
Dichlorodifluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Ethylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Hexachlorobutadiene	ND	5.0	0	0	0	0	0	0	0	30
Isopropylbenzene	ND	5.0	0	0	0	0	0	0	0	30
m,p-Xylene	ND	5.0	0	0	0	0	0	0	0	30
Methylene chloride	ND	5.0	0	0	0	0	0	0	0	30
n-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
n-Propylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Naphthalene	ND	5.0	0	0	0	0	0	0	0	30
o-Xylene	ND	5.0	0	0	0	0	0	0	0	30
sec-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Styrene	ND	5.0	0	0	0	0	0	0	0	30
tert-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Tetrachloroethene	ND	5.0	0	0	0	0	0	0	0	30
Toluene	ND	5.0	0	0	0	0	0	0	0	30
trans-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichlorofluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Vinyl chloride	ND	5.0	0	0	0	0	0	0	0	30

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051578-055ADU** Batch ID: **P01VOCS095** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date:

DUP SeqNo: **148938**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,1-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dibromo-3-chloropropane	ND	10	0	0	0	0	0	0	0	30	
1,2-Dibromoethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,3,5-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,4-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
2,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
2-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Isopropyltoluene	ND	5.0	0	0	0	0	0	0	0	30	
Benzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromobenzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromodichloromethane	ND	5.0	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

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Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Duplicate

Bromoform	ND	5.0	0	0	0	0	0	0	0	30
Bromomethane	ND	5.0	0	0	0	0	0	0	0	30
Carbon tetrachloride	ND	5.0	0	0	0	0	0	0	0	30
Chlorobenzene	ND	5.0	0	0	0	0	0	0	0	30
Chloroethane	ND	5.0	0	0	0	0	0	0	0	30
Chloroform	ND	5.0	0	0	0	0	0	0	0	30
Chloromethane	ND	5.0	0	0	0	0	0	0	0	30
cis-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
cis-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30
Dibromochloromethane	ND	5.0	0	0	0	0	0	0	0	30
Dibromomethane	ND	5.0	0	0	0	0	0	0	0	30
Dichlorodifluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Ethylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Hexachlorobutadiene	ND	5.0	0	0	0	0	0	0	0	30
Isopropylbenzene	ND	5.0	0	0	0	0	0	0	0	30
m,p-Xylene	ND	5.0	0	0	0	0	0	0	0	30
Methylene chloride	ND	5.0	0	0	0	0	0	0	0	30
n-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
n-Propylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Naphthalene	ND	5.0	0	0	0	0	0	0	0	30
o-Xylene	ND	5.0	0	0	0	0	0	0	0	30
sec-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Styrene	ND	5.0	0	0	0	0	0	0	0	30
tert-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Tetrachloroethene	ND	5.0	0	0	0	0	0	0	0	30
Toluene	ND	5.0	0	0	0	0	0	0	0	30
trans-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichlorofluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Vinyl chloride	ND	5.0	0	0	0	0	0	0	0	30

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: W

All calculations are based on raw values.

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Advanced Technology Laboratories

Date: *20-Jun-01*

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Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051539-034AMS** Batch ID: **4556** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**

MS SeqNo: **147609**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	31	1.0	33	1.5	88	50	150	0			

Sample ID **051539-034AMS** Batch ID: **4556** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**

MSD SeqNo: **147610**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	28	1.0	33	1.5	80	50	150	31	9	40	

Sample ID **051578-056AMS** Batch ID: **4607** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/17/01** Prep Date: **6/15/01**

MS SeqNo: **149432**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	61	1.0	33	35	78	50	150	0			

Sample ID **051578-056AMS** Batch ID: **4607** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/17/01** Prep Date: **6/15/01**

MSD SeqNo: **149433**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	60	1.0	33	35	76	50	150	61	1	40	

Sample ID **051578-047AMS** Batch ID: **4603** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/16/01** Prep Date: **6/14/01**

MS SeqNo: **149575**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	44	2.0	33	27	50	50	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID **051578-047AMS** Batch ID: **4603** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/16/01** Prep Date: **6/14/01**
MSD SeqNo: **149576**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	54	2.0	33	27	82	50	150	44	21	40	

Sample ID **051578-028AMS** Batch ID: **4565** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date: **6/12/01**
MS SeqNo: **149594**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	49	1.0	33	35	43	50	150	0			S

Sample ID **051578-028AMS** Batch ID: **4565** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date: **6/12/01**
MSD SeqNo: **149595**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	37	1.0	33	35	7	50	150	49	28	40	S

Sample ID **051636-008AMS** Batch ID: **4608** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**
MSD SeqNo: **149859**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	27	1.0	33	4.7	67	50	150	28	5	40	

Sample ID **051636-008AMS** Batch ID: **4608** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**
MS SeqNo: **149860**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	28	1.0	33	4.7	72	50	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **051567-036AMS** Batch ID: **E018G20S125** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date:
MS SeqNo: **147990**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.5	1.0	5	0	71	31	113	0			

Sample ID **051567-036AMS** Batch ID: **E018G20S125** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date:
MSD SeqNo: **147991**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	2.2	1.0	5	0	44	31	113	3.5	46	25	R

Sample ID **051578-029AMS** Batch ID: **E018G20S126** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date:
MS SeqNo: **148118**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	1	1.0	5	0	21	31	113	0			S

Sample ID **051578-029AMS** Batch ID: **E018G20S126** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date:
MSD SeqNo: **148119**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	5	0	0	31	113	1	0	25	S

Sample ID **051578-046AMS** Batch ID: **E018G20S127** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date:
MS SeqNo: **148225**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	2.8	1.0	5	0	56	31	113	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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B - Analyte detected in the associated Method Blank
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

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QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID **051578-046AMS** Batch ID: **E018G20S127** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date:
MSD SeqNo: **148226**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	2	1.0	5	0	39	31	113	2.8	34	25	R

Sample ID **051578-064AMS** Batch ID: **E018G20S128** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date:
MS SeqNo: **148356**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	2.4	1.0	5	0	47	31	113	0			

Sample ID **051578-064AMS** Batch ID: **E018G20S128** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date:
MSD SeqNo: **148357**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	5	0	0	31	113	2.4	0	25	S

Sample ID **051578-043AMS** Batch ID: **E018G20S129** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date:
MS SeqNo: **149060**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.1	1.0	5	0	62	31	113	0			

Sample ID **051578-043AMS** Batch ID: **E018G20S129** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/15/01** Prep Date:
MSD SeqNo: **149061**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	2.8	1.0	5	0	57	31	113	3.1	9	25	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **051539-031AMS** Batch ID: **4554** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**

MS SeqNo: **147690**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	20	20	26.6	0	75	40	150	0			
Aldrin	10	10	13.3	0	75	40	150	0			
Dieldrin	ND	20	26.6	0	0	40	150	0			S
Endrin	ND	20	26.6	0	0	40	150	0			S
gamma-BHC	ND	10	13.3	0	0	40	150	0			S
Heptachlor	10	10	13.3	0	71	40	150	0			J

Sample ID **051539-031AMS** Batch ID: **4554** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**

MSD SeqNo: **147691**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	46	20	26.6	0	173	40	150	20	78	50	SR
Aldrin	12	10	13.3	0	90	40	150	10	14	50	
Dieldrin	31	20	26.6	0	117	40	150	0	200	50	R
Endrin	21	20	26.6	0	79	40	150	0	200	50	R
gamma-BHC	9	10	13.3	0	70	40	150	0	200	50	JR
Heptachlor	12	10	13.3	0	90	40	150	9.5	23	50	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

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Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **051578-036AMS** Batch ID: **4604** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date: **6/14/01**

MS SeqNo: **148778**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	24	20	26.6	10	53	40	150	0			
Aldrin	9	10	13.3	0	67	40	150	0			J
Dieldrin	20	20	26.6	0	60	40	150	0			J
Endrin	20	20	26.6	0	56	40	150	0			J
gamma-BHC	7	10	13.3	0	56	40	150	0			J
Heptachlor	10	10	13.3	0	73	40	150	0			J

Sample ID **051578-036AMS** Batch ID: **4604** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date: **6/14/01**

MSD SeqNo: **148779**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	28	20	26.6	10	68	40	150	24	14	50	
Aldrin	9	10	13.3	0	70	40	150	8.9	4	50	J
Dieldrin	20	20	26.6	0	64	40	150	16	7	50	J
Endrin	20	20	26.6	0	60	40	150	15	6	50	J
gamma-BHC	8	10	13.3	0	60	40	150	7.5	7	50	J
Heptachlor	10	10	13.3	0	75	40	150	9.7	3	50	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **051578-001AMS** Batch ID: **4567** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date: **6/12/01**

MS SeqNo: **149377**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	24	20	26.6	0	90	40	150	0			
Aldrin	12	10	13.3	0	90	40	150	0			
Dieldrin	20	20	26.6	0	56	40	150	0			J
Endrin	20	20	26.6	0	64	40	150	0			J
gamma-BHC	8	10	13.3	0	62	40	150	0			J
Heptachlor	12	10	13.3	0	90	40	150	0			

Sample ID **051578-001AMS** Batch ID: **4567** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date: **6/12/01**

MSD SeqNo: **149378**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	30	20	26.6	0	113	40	150	24	24	50	
Aldrin	12	10	13.3	0	90	40	150	12	0	50	
Dieldrin	26	20	26.6	0	98	40	150	15	51	50	R
Endrin	29	20	26.6	0	109	40	150	17	53	50	R
gamma-BHC	11	10	13.3	0	83	40	150	8.3	27	50	
Heptachlor	13	10	13.3	0	98	40	150	12	5	50	

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Initials: _____

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Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **051578-054AMS** Batch ID: **4605** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/17/01** Prep Date: **6/14/01**

MS SeqNo: **150116**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	36	8.0	26.6	36	0	40	150	0			S
Aldrin	9.7	4.0	13.3	0	73	40	150	0			
Dieldrin	18	8.0	26.6	0	68	40	150	0			
Endrin	16	8.0	26.6	0	60	40	150	0			
gamma-BHC	7.9	4.0	13.3	0	59	40	150	0			
Heptachlor	11	4.0	13.3	0	83	40	150	0			

Sample ID **051578-054AMS** Batch ID: **4605** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/17/01** Prep Date: **6/14/01**

MSD SeqNo: **150117**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	43	8.0	26.6	36	26	40	150	36	18	50	S
Aldrin	9.5	4.0	13.3	0	71	40	150	9.7	2	50	
Dieldrin	18	8.0	26.6	0	68	40	150	18	2	50	
Endrin	16	8.0	26.6	0	60	40	150	16	3	50	
gamma-BHC	8.4	4.0	13.3	0	63	40	150	7.9	6	50	
Heptachlor	11	4.0	13.3	0	83	40	150	11	3	50	

Sample ID **051578-002AMS** Batch ID: **4554** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**

MS SeqNo: **147721**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	380	160	333.3	0	114	50	150	0			
Aroclor 1260	390	160	333.3	0	117	50	150	0			

Qualifiers:
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

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Work Order: 051578
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QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID **051578-002AMS** Batch ID: **4554** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**
MSD SeqNo: **147722**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	380	160	333.3	0	114	50	150	380	1	50	
Aroclor 1260	390	160	333.3	0	117	50	150	390	1	50	

Sample ID **051578-044AMS** Batch ID: **4604** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date: **6/14/01**
MS SeqNo: **148818**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	350	160	333.3	0	105	50	150	0			
Aroclor 1260	370	160	333.3	0	111	50	150	0			

Sample ID **051578-044AMS** Batch ID: **4604** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date: **6/14/01**
MSD SeqNo: **148819**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	300	160	333.3	0	90	50	150	350	15	50	
Aroclor 1260	310	160	333.3	0	93	50	150	370	19	50	

Sample ID **051578-021AMS** Batch ID: **4567** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date: **6/12/01**
MS SeqNo: **149375**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	360	160	333.3	0	108	50	150	0			
Aroclor 1260	480	160	333.3	90	117	50	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
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Initials: _____

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QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID **051578-021AMS** Batch ID: **4567** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date: **6/12/01**

MSD SeqNo: **149376**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	470	160	333.3	0	141	50	150	360	27	50	
Aroclor 1260	500	160	333.3	90	123	50	150	480	5	50	

Sample ID **051578-057AMS** Batch ID: **4605** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date: **6/14/01**

MS SeqNo: **150135**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	330	66	333.3	0	99	50	150	0			
Aroclor 1260	400	66	333.3	0	120	50	150	0			

Sample ID **051578-057AMS** Batch ID: **4605** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date: **6/14/01**

MSD SeqNo: **150136**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	360	66	333.3	0	108	50	150	330	9	50	
Aroclor 1260	360	66	333.3	0	108	50	150	400	10	50	

Sample ID **051567-057AMS** Batch ID: **P01VOCS092** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date:

MS SeqNo: **148562**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	74	5.0	100	0	74	71	140	0			
Benzene	69	5.0	100	0	69	74	129	0			S
Chlorobenzene	27	5.0	100	0	27	44	136	0			S
Toluene	54	5.0	100	0	54	59	142	0			S
Trichloroethene	55	5.0	100	0	55	70	135	0			S

Qualifiers:
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Initials: [illegible]

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QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051567-057AMS** Batch ID: **P01VOCS092** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date:

MSD SeqNo: **148563**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	85	5.0	100	0	85	71	140	74	14	26	
Benzene	80	5.0	100	0	80	74	129	69	15	18	
Chlorobenzene	31	5.0	100	0	31	44	136	27	15	22	S
Toluene	60	5.0	100	0	60	59	142	54	11	21	
Trichloroethene	62	5.0	100	0	62	70	135	55	12	20	S

Sample ID **051578-006AMS** Batch ID: **P01VOCS093** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date:

MS SeqNo: **148593**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	87	5.0	100	0	87	71	140	0			
Benzene	82	5.0	100	0	82	74	129	0			
Chlorobenzene	37	5.0	100	0	37	44	136	0			S
Toluene	66	5.0	100	0	66	59	142	0			
Trichloroethene	69	5.0	100	0	69	70	135	0			S

Sample ID **051578-006AMS** Batch ID: **P01VOCS093** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date:

MSD SeqNo: **148594**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	96	5.0	100	0	96	71	140	87	10	26	
Benzene	88	5.0	100	0	88	74	129	82	7	18	
Chlorobenzene	38	5.0	100	0	38	44	136	37	2	22	S
Toluene	68	5.0	100	0	68	59	142	66	3	21	
Trichloroethene	74	5.0	100	0	74	70	135	69	8	20	

Qualifiers:
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **051578-036AMS** Batch ID: **P01VOCS094** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date:

MS SeqNo: **148909**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	100	5.0	100	0	100	71	140	0			
Benzene	89	5.0	100	0	89	74	129	0			
Chlorobenzene	41	5.0	100	0	41	44	136	0			S
Toluene	69	5.0	100	0	69	59	142	0			
Trichloroethene	77	5.0	100	0	77	70	135	0			

Sample ID **051578-036AMS** Batch ID: **P01VOCS094** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date:

MSD SeqNo: **148910**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	98	5.0	100	0	98	71	140	100	2	26	
Benzene	91	5.0	100	0	91	74	129	89	3	18	
Chlorobenzene	42	5.0	100	0	42	44	136	41	3	22	S
Toluene	71	5.0	100	0	71	59	142	69	3	21	
Trichloroethene	78	5.0	100	0	78	70	135	77	2	20	

Sample ID **051578-055AMS** Batch ID: **P01VOCS095** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date:

MS SeqNo: **148939**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	100	5.0	100	0	101	71	140	0			
Benzene	95	5.0	100	0	95	74	129	0			
Chlorobenzene	53	5.0	100	0	53	44	136	0			
Toluene	83	5.0	100	0	83	59	142	0			
Trichloroethene	86	5.0	100	0	86	70	135	0			

Qualifiers:
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J - Analyte detected below quantitation limits
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Initials: [illegible]

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID **051578-055AMS** Batch ID: **P01VOCS095** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date:

MSD SeqNo: **148940**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	100	5.0	100	0	100	71	140	100	1	26	
Benzene	96	5.0	100	0	96	74	129	95	2	18	
Chlorobenzene	51	5.0	100	0	51	44	136	53	4	22	
Toluene	81	5.0	100	0	81	59	142	83	2	21	
Trichloroethene	85	5.0	100	0	85	70	135	86	1	20	

Qualifiers:
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DO - Surrogate Diluted Out

Initials: ____

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Advanced Technology Laboratories

Date: *20-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4556** Batch ID: **4556** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
LCS SeqNo: **147608**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	26	1.0	33	0	80	60	140	0			

Sample ID **LCS-4607** Batch ID: **4607** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/17/01** Prep Date: **6/15/01**
LCS SeqNo: **149431**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	41	1.0	33	0.6	124	60	140	0			

Sample ID **LCS-4565** Batch ID: **4565** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**
LCS SeqNo: **149535**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	27	1.0	33	0	82	60	140	0			

Sample ID **LCS-4603** Batch ID: **4603** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/15/01** Prep Date: **6/14/01**
LCS SeqNo: **149564**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	29	1.0	33	0	87	60	140	0			

Sample ID **LCS-4608** Batch ID: **4608** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**
LCS SeqNo: **149858**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	28	1.0	33	0	85	60	140	0			

Qualifiers:
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

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Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **010613LCSS1** Batch ID: **E018G20S125** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date:
LCS SeqNo: **148005**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.8	1.0	5	0	95	64	128	0			

Sample ID **010613LCSS2** Batch ID: **E018G20S126** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date:
LCS SeqNo: **148127**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.7	1.0	5	0	94	64	128	0			

Sample ID **010613LCSS3** Batch ID: **E018G20S127** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date:
LCS SeqNo: **148238**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.8	1.0	5	0	96	64	128	0			

Sample ID **010614LCSS1** Batch ID: **E018G20S128** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date:
LCS SeqNo: **149047**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.6	1.0	5	0	91	64	128	0			

Sample ID **010614LCSS2** Batch ID: **E018G20S129** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/15/01** Prep Date:
LCS SeqNo: **149081**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.4	1.0	5	0	89	64	128	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4554** Batch ID: **4554** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**

LCS SeqNo: **147685**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	32	4.0	33.3	0	96	50	150	0			
4,4'-DDE	33	4.0	33.3	0	99	50	150	0			
4,4'-DDT	32	4.0	33.3	0	96	50	150	0			
Aldrin	32	2.0	33.3	0	96	50	150	0			
alpha-BHC	30	2.0	33.3	0	90	50	150	0			
alpha-Chlordane	32	4.0	33.3	0	96	50	150	0			
beta-BHC	32	2.0	33.3	0	96	50	150	0			
delta-BHC	24	2.0	33.3	0	72	50	150	0			
Dieldrin	33	4.0	33.3	0	99	50	150	0			
Endosulfan I	32	2.0	33.3	0	96	50	150	0			
Endosulfan II	32	4.0	33.3	0	96	50	150	0			
Endosulfan sulfate	31	4.0	33.3	0	93	50	150	0			
Endrin	33	4.0	33.3	0	99	50	150	0			
Endrin aldehyde	33	4.0	33.3	0	99	50	150	0			
Endrin ketone	33	4.0	33.3	0	99	50	150	0			
gamma-BHC	32	2.0	33.3	0	96	50	150	0			
gamma-Chlordane	32	4.0	33.3	0	96	50	150	0			
Heptachlor	31	2.0	33.3	0	93	50	150	0			
Heptachlor epoxide	32	2.0	33.3	0	96	50	150	0			
Methoxychlor	33	17	33.3	0	99	50	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4604** Batch ID: **4604** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date: **6/14/01**

LCS SeqNo: **148774**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	30	4.0	33.3	0	90	50	150	0			
4,4'-DDE	31	4.0	33.3	0	93	50	150	0			
4,4'-DDT	31	4.0	33.3	0	93	50	150	0			
Aldrin	29	2.0	33.3	0	87	50	150	0			
alpha-BHC	29	2.0	33.3	0	87	50	150	0			
alpha-Chlordane	29	4.0	33.3	0	87	50	150	0			
beta-BHC	29	2.0	33.3	0	87	50	150	0			
delta-BHC	23	2.0	33.3	0	69	50	150	0			
Dieldrin	31	4.0	33.3	0	93	50	150	0			
Endosulfan I	30	2.0	33.3	0	90	50	150	0			
Endosulfan II	30	4.0	33.3	0	90	50	150	0			
Endosulfan sulfate	30	4.0	33.3	0	90	50	150	0			
Endrin	33	4.0	33.3	0	99	50	150	0			
Endrin aldehyde	32	4.0	33.3	0	96	50	150	0			
Endrin ketone	31	4.0	33.3	0	93	50	150	0			
gamma-BHC	30	2.0	33.3	0	90	50	150	0			
gamma-Chlordane	30	4.0	33.3	0	90	50	150	0			
Heptachlor	28	2.0	33.3	0	84	50	150	0			
Heptachlor epoxide	30	2.0	33.3	0	90	50	150	0			
Methoxychlor	34	17	33.3	0	102	50	150	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

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QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4567** Batch ID: **4567** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date: **6/12/01**

LCS SeqNo: **149316**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	32	4.0	33.3	0	96	50	150	0			
4,4´-DDE	33	4.0	33.3	0	99	50	150	0			
4,4´-DDT	32	4.0	33.3	0	96	50	150	0			
Aldrin	32	2.0	33.3	0	96	50	150	0			
alpha-BHC	33	2.0	33.3	0	99	50	150	0			
alpha-Chlordane	32	4.0	33.3	0	96	50	150	0			
beta-BHC	32	2.0	33.3	0	96	50	150	0			
delta-BHC	25	2.0	33.3	0	75	50	150	0			
Dieldrin	33	4.0	33.3	0	99	50	150	0			
Endosulfan I	32	2.0	33.3	0	96	50	150	0			
Endosulfan II	32	4.0	33.3	0	96	50	150	0			
Endosulfan sulfate	31	4.0	33.3	0	93	50	150	0			
Endrin	35	4.0	33.3	0	105	50	150	0			
Endrin aldehyde	34	4.0	33.3	0	102	50	150	0			
Endrin ketone	33	4.0	33.3	0	99	50	150	0			
gamma-BHC	34	2.0	33.3	0	102	50	150	0			
gamma-Chlordane	32	4.0	33.3	0	96	50	150	0			
Heptachlor	33	2.0	33.3	0	99	50	150	0			
Heptachlor epoxide	32	2.0	33.3	0	96	50	150	0			
Methoxychlor	37	17	33.3	0	111	50	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4605** Batch ID: **4605** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/16/01** Prep Date: **6/14/01**

LCS SeqNo: **150115**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	29	4.0	33.3	0	87	50	150	0			
4,4´-DDE	29	4.0	33.3	0	87	50	150	0			
4,4´-DDT	29	4.0	33.3	0	87	50	150	0			
Aldrin	28	2.0	33.3	0	84	50	150	0			
alpha-BHC	28	2.0	33.3	0	84	50	150	0			
alpha-Chlordane	28	4.0	33.3	0	84	50	150	0			
beta-BHC	28	2.0	33.3	0	84	50	150	0			
delta-BHC	22	2.0	33.3	0	66	50	150	0			
Dieldrin	29	4.0	33.3	0	87	50	150	0			
Endosulfan I	28	2.0	33.3	0	84	50	150	0			
Endosulfan II	29	4.0	33.3	0	87	50	150	0			
Endosulfan sulfate	29	4.0	33.3	0	87	50	150	0			
Endrin	31	4.0	33.3	0	93	50	150	0			
Endrin aldehyde	30	4.0	33.3	0	90	50	150	0			
Endrin ketone	30	4.0	33.3	0	90	50	150	0			
gamma-BHC	28	2.0	33.3	0	84	50	150	0			
gamma-Chlordane	29	4.0	33.3	0	87	50	150	0			
Heptachlor	26	2.0	33.3	0	78	50	150	0			
Heptachlor epoxide	28	2.0	33.3	0	84	50	150	0			
Methoxychlor	33	17	33.3	0	99	50	150	0			

Sample ID **LCS-4554** Batch ID: **4554** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**

LCS SeqNo: **147720**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	260	33	333.3	0	78	50	150	0			
Aroclor 1260	260	33	333.3	0	78	50	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

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QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4604** Batch ID: **4604** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date: **6/14/01**
LCS SeqNo: **148810**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	280	33	333.3	0	84	50	150	0			
Aroclor 1260	300	33	333.3	0	90	50	150	0			

Sample ID **LCS-4567** Batch ID: **4567** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date: **6/12/01**
LCS SeqNo: **149355**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	280	33	333.3	0	84	50	150	0			
Aroclor 1260	280	33	333.3	0	84	50	150	0			

Sample ID **LCS-4605** Batch ID: **4605** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date: **6/14/01**
LCS SeqNo: **150134**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	310	33	333.3	0	93	50	150	0			
Aroclor 1260	310	33	333.3	0	93	50	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: DP

All calculations are based on raw values.

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QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **010614LCSS1** Batch ID: **P01VOCS092** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date:

LCS SeqNo: **148556**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	110	5.0	100	0	114	30	150	0			
1,1,2,2-Tetrachloroethane	96	5.0	100	0	96	30	150	0			
1,1,2-Trichloroethane	110	5.0	100	0	114	30	150	0			
1,1-Dichloroethane	120	5.0	100	0	117	30	150	0			
1,1-Dichloroethene	110	5.0	100	0	113	30	150	0			
1,2-Dichlorobenzene	100	5.0	100	0	103	30	150	0			
1,2-Dichloroethane	110	5.0	100	0	110	30	150	0			
1,2-Dichloropropane	110	5.0	100	0	112	30	150	0			
1,3-Dichlorobenzene	100	5.0	100	0	103	30	150	0			
1,4-Dichlorobenzene	100	5.0	100	0	105	30	150	0			
Benzene	110	5.0	100	0	114	30	150	0			
Bromodichloromethane	110	5.0	100	0	114	30	150	0			
Bromoform	110	5.0	100	0	113	30	150	0			
Bromomethane	110	5.0	100	0	107	30	150	0			
Carbon tetrachloride	120	5.0	100	0	116	30	150	0			
Chlorobenzene	110	5.0	100	0	108	30	150	0			
Chloroethane	110	5.0	100	0	110	30	150	0			
Chloroform	110	5.0	100	0	111	30	150	0			
Chloromethane	92	5.0	100	0	92	30	150	0			
cis-1,3-Dichloropropene	120	5.0	100	0	118	30	150	0			
Ethylbenzene	110	5.0	100	0	111	30	150	0			
m,p-Xylene	230	5.0	200	0	113	30	150	0			
Methylene chloride	120	5.0	100	0	121	30	150	0			
o-Xylene	110	5.0	100	0	111	30	150	0			
Tetrachloroethene	110	5.0	100	0	111	30	150	0			
Toluene	120	5.0	100	0	116	30	150	0			
trans-1,2-Dichloroethene	120	5.0	100	0	121	30	150	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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QC SUMMARY REPORT

Laboratory Control Spike - generic

Trichloroethene	110	5.0	100	0	114	30	150	0
Trichlorofluoromethane	100	5.0	100	0	103	30	150	0
Vinyl chloride	98	5.0	100	0	98	30	150	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

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QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **010614LCSS1** Batch ID: **P01VOCS093** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date:

LCS SeqNo: **148589**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	110	5.0	100	0	114	30	150	0			
1,1,2,2-Tetrachloroethane	97	5.0	100	0	97	30	150	0			
1,1,2-Trichloroethane	110	5.0	100	0	110	30	150	0			
1,1-Dichloroethane	110	5.0	100	0	113	30	150	0			
1,1-Dichloroethene	110	5.0	100	0	108	30	150	0			
1,2-Dichlorobenzene	110	5.0	100	0	106	30	150	0			
1,2-Dichloroethane	110	5.0	100	0	109	30	150	0			
1,2-Dichloropropane	110	5.0	100	0	110	30	150	0			
1,3-Dichlorobenzene	100	5.0	100	0	105	30	150	0			
1,4-Dichlorobenzene	110	5.0	100	0	106	30	150	0			
Benzene	110	5.0	100	0	111	30	150	0			
Bromodichloromethane	110	5.0	100	0	109	30	150	0			
Bromoform	110	5.0	100	0	114	30	150	0			
Bromomethane	110	5.0	100	0	105	30	150	0			
Carbon tetrachloride	110	5.0	100	0	114	30	150	0			
Chlorobenzene	110	5.0	100	0	109	30	150	0			
Chloroethane	110	5.0	100	0	109	30	150	0			
Chloroform	110	5.0	100	0	111	30	150	0			
Chloromethane	94	5.0	100	0	94	30	150	0			
cis-1,3-Dichloropropene	120	5.0	100	0	115	30	150	0			
Ethylbenzene	110	5.0	100	0	113	30	150	0			
m,p-Xylene	230	5.0	200	0	114	30	150	0			
Methylene chloride	110	5.0	100	0	112	30	150	0			
o-Xylene	110	5.0	100	0	113	30	150	0			
Tetrachloroethene	110	5.0	100	0	110	30	150	0			
Toluene	110	5.0	100	0	115	30	150	0			
trans-1,2-Dichloroethene	120	5.0	100	0	116	30	150	0			

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank; M - Not Monitored. Highly Reactive; S - Spike/Surrogate outside of limits due to matrix interference; DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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QC SUMMARY REPORT

Laboratory Control Spike - generic

Trichloroethene	110	5.0	100	0	110	30	150	0
Trichlorofluoromethane	100	5.0	100	0	104	30	150	0
Vinyl chloride	100	5.0	100	0	100	30	150	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **010615LCSS1** Batch ID: **P01VOCS094** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date:

LCS SeqNo: **148905**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	100	5.0	100	0	102	30	150	0			
1,1,2,2-Tetrachloroethane	96	5.0	100	0	96	30	150	0			
1,1,2-Trichloroethane	110	5.0	100	0	106	30	150	0			
1,1-Dichloroethane	100	5.0	100	0	104	30	150	0			
1,1-Dichloroethene	100	5.0	100	0	101	30	150	0			
1,2-Dichlorobenzene	100	5.0	100	0	102	30	150	0			
1,2-Dichloroethane	100	5.0	100	0	101	30	150	0			
1,2-Dichloropropane	110	5.0	100	0	106	30	150	0			
1,3-Dichlorobenzene	100	5.0	100	0	103	30	150	0			
1,4-Dichlorobenzene	100	5.0	100	0	103	30	150	0			
Benzene	110	5.0	100	0	109	30	150	0			
Bromodichloromethane	100	5.0	100	0	105	30	150	0			
Bromoform	110	5.0	100	0	106	30	150	0			
Bromomethane	100	5.0	100	0	101	30	150	0			
Carbon tetrachloride	110	5.0	100	0	106	30	150	0			
Chlorobenzene	100	5.0	100	0	102	30	150	0			
Chloroethane	100	5.0	100	0	100	30	150	0			
Chloroform	97	5.0	100	0	97	30	150	0			
Chloromethane	85	5.0	100	0	85	30	150	0			
cis-1,3-Dichloropropene	110	5.0	100	0	114	30	150	0			
Ethylbenzene	110	5.0	100	0	105	30	150	0			
m,p-Xylene	210	5.0	200	0	105	30	150	0			
Methylene chloride	99	5.0	100	0	99	30	150	0			
o-Xylene	100	5.0	100	0	103	30	150	0			
Tetrachloroethene	110	5.0	100	0	106	30	150	0			
Toluene	110	5.0	100	0	110	30	150	0			
trans-1,2-Dichloroethene	100	5.0	100	0	101	30	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Trichloroethene	110	5.0	100	0	109	30	150	0
Trichlorofluoromethane	91	5.0	100	0	91	30	150	0
Vinyl chloride	94	5.0	100	0	94	30	150	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **010615LCSS1** Batch ID: **P01VOCS095** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date:

LCS SeqNo: **148935**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	100	5.0	100	0	101	30	150	0			
1,1,2,2-Tetrachloroethane	100	5.0	100	0	103	30	150	0			
1,1,2-Trichloroethane	110	5.0	100	0	111	30	150	0			
1,1-Dichloroethane	110	5.0	100	0	107	30	150	0			
1,1-Dichloroethene	98	5.0	100	0	98	30	150	0			
1,2-Dichlorobenzene	110	5.0	100	0	106	30	150	0			
1,2-Dichloroethane	100	5.0	100	0	104	30	150	0			
1,2-Dichloropropane	110	5.0	100	0	108	30	150	0			
1,3-Dichlorobenzene	110	5.0	100	0	105	30	150	0			
1,4-Dichlorobenzene	110	5.0	100	0	106	30	150	0			
Benzene	110	5.0	100	0	109	30	150	0			
Bromodichloromethane	110	5.0	100	0	108	30	150	0			
Bromoform	120	5.0	100	0	115	30	150	0			
Bromomethane	96	5.0	100	0	96	30	150	0			
Carbon tetrachloride	110	5.0	100	0	105	30	150	0			
Chlorobenzene	110	5.0	100	0	105	30	150	0			
Chloroethane	100	5.0	100	0	101	30	150	0			
Chloroform	100	5.0	100	0	100	30	150	0			
Chloromethane	86	5.0	100	0	86	30	150	0			
cis-1,3-Dichloropropene	120	5.0	100	0	117	30	150	0			
Ethylbenzene	110	5.0	100	0	108	30	150	0			
m,p-Xylene	220	5.0	200	0	108	30	150	0			
Methylene chloride	110	5.0	100	0	111	30	150	0			
o-Xylene	110	5.0	100	0	107	30	150	0			
Tetrachloroethene	110	5.0	100	0	107	30	150	0			
Toluene	110	5.0	100	0	111	30	150	0			
trans-1,2-Dichloroethene	110	5.0	100	0	110	30	150	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw va[illegible].

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Trichloroethene	110	5.0	100	0	109	30	150	0
Trichlorofluoromethane	87	5.0	100	0	87	30	150	0
Vinyl chloride	91	5.0	100	0	91	30	150	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

June 12, 2001

Matt Hanko
Geocon Environmental
2356 Research Drive
Livermore, CA 94550
TEL: (925) 371-5900
FAX (925) 371-5915

ELAP No: 1838

RE: Oakland Mole - E8000-06-13

Work Order No.: 051539

Attention: Matt Hanko

Enclosed are the results for sample(s) received on June 08, 2001 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Edgar Caballero
Laboratory Director

This cover letter is an integral part of this analytical report.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - ~~SACRAMENTO~~ ~~Plat~~
Attn: Matt Hanko Livermore
Address: ~~11325 Sunrise Park Drive, Suite 200~~ ~~Pleasanton~~
City ~~Rancho Cordova~~ Livermore State CA Zip Code 95742
TEL: (916) 852-9118
FAX: (916) 852-9132

Project Name: Oakland Mole
Project #: E8000-06-13
Sampler: (Printed Name) Travis Mills (Signature)

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
	6/7	1200	Fed-Ex	6/7	1200
				6/9	

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Travis Mills 6/7/01
Print Name Date
Signature

Send Report To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
All metals and lead Analysis are 48hr TAT - Rest are standard

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested

CIRCLE APPROPRIATE MATRIX

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER ☒

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	8081 / 8082 (Pesticides/PCB-GC)	8260 (Volatiles-GC/MS) VOCs	625 / 8270 (BNA-GC/MS)	Metals-Total (CAC-6010 / 7000)	8015M TPHG (COMBINATION)	8015M TPHD (Diesel-GC)	TPH as 8015	PAH EPA 8100	Pesticides EPA 8081	Total Lead (6010)	PCBs EPA 8082	Title 22 Metals EPA 6010	SOIL	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	51539-001	SS1-0	6/7	1126									X				X								1	bag		
	2	SS1-0.3		1127									X												1	bag		
	3	SS1-0.49		1129									X												1	bag		
	4	SS2-0		1146	X			X	X	X	X	X			X	X									1	TMC		
	5	SS2-0.3		1147	X			X	X	X	X	X			X	X									1	TMC		
	6	SS2-0.49		1149	X			X	X	X	X	X			X	X									1	TMC		
	7	UT1-0		1155									X												1	bag		
	8	UT1-0.3		1156									X												1	bag		
	9	UT1-0.49		1158									X												1	bag		
	10	UT1-1.5		1200																					1	bag		

• TAT starts 8 a.m. following day if samples re[illegible] after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=[illegible] J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO[illegible] =H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=[illegible]H T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report. **Yellow** to folder. **Pink** to submitter.

CHAIN OF C[illegible]TODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - ~~SACRAMENTO~~
Attn: Matt Hanko Livermore
Address: ~~11375 Sunrise Park Drive, Suite 100~~ 2386 Research Dr
City ~~Rancho Cordova~~ Livermore State CA Zip Code 95742
TEL: (916) 852-9118
FAX: (916) 852-9132

Project Name: Oakland Mole Project #: E8000-06-13 Sampler: (Printed Name) Travis Mills (Signature) [signature]

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
[signature]	6/7	1700	[signature] Fed Ex	6/7	1700
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
			[signature]	6/8	
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Travis Mills 6/7/01
Print Name Date
[signature]
Signature

Send Report To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 8081 / 8082 (Pesticides/PCB-GC) VOCs; 8260 (Volatiles-GC/MS); 625 / 8270 (BNA-GC/MS); Metals-Total (CAC-6010 / 7000); 8015M TPHG/BTEX (COMBINATION); 8015M TPH/D (Diesel-GC); TPH-MO; PAH; Title 22 Metals (6010); Total Lead (6010)

CIRCLE APPROPRIATE MATRIX: SOLID SOIL SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	8081 / 8082 (Pesticides/PCB-GC) VOCs	8260 (Volatiles-GC/MS)	625 / 8270 (BNA-GC/MS)	Metals-Total (CAC-6010 / 7000)	8015M TPHG/BTEX (COMBINATION)	8015M TPH/D (Diesel-GC)	TPH-MO	PAH	Title 22 Metals (6010)	Total Lead (6010)	TAT	SOLID SOIL SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	11	VT2 - 0	6/7	1216	X				X	X	X	X				X							1	T	MC	
	12	VT2 - 0.3		1217	X	X		X	X	X	X	X											1	T	MC	
	13	VT2 - 0.9		1219	X	X		X	X	X	X	X											1	T	MC	
	~~14~~	~~VT2 - 1.5~~		1221																			1	T	MC	no sample
	15	VT3 - 0		1226										X									1	bag		
	15	VT3 - 0.3		1227										X									1	bag		
	16	VT3 - 0.9		1229										X									1	bag		
	17	VT3 - 1.5		1231										X									1	bag		
	18	VT4 - 0		1241	X				X	X	X	X											1	T	MC	
	19	VT4 - ~~0~~ 0.3		1242	X	X			X	X	X	X											1	T	MC	

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER _____

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt: 1. CHILLED Y☐ N☐ 2. HEADSPACE (VOA) Y☐ N☐ 3. CONTAINER INTACT Y☐ N☐ 4. SEALED Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - ~~SACRAMENTO~~ Livermore
Attn: Matt Hanko
Address: ~~14975 Sunrise Park Drive, Suite 100~~ 2356 Research Dr
City ~~Rancho Cordova~~ Livermore State CA Zip Code 95742
TEL: (916) 852-9118
FAX: (916) 852-9132

Project Name: Oakland Mole
Project #: E0000-06-13
Sampler: (Printed Name) Travis Mills (Signature)

Relinquished by: (Signature and Printed Name) [signature] Date: 6/7 Time: 1200 Received by: (Signature and Printed Name) [signature] Fed ex Date: 6/7 Time: 1200
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) [signature] Date: 6/8 Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Travis Mills 6/7/01
Print Name Date
Signature

Send Report To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
All lead & metals Analysis are 48hr TAT

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☒ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 8081 / 8082 (Pesticides/PCB-GC) · 8260 (Volatiles-GC/MS) · 625 / 8270 (BNA-GC/MS) · Metals-Total (CAC-6010/7000) · 8015M TPH/BTEX (COMBINATION) · 8015M TPH/P (Diesel-GC) · TPH-mo · PKH 8100 · Total lead (6010) · VOCs · TPH-g

CIRCLE APPROPRIATE MATRIX: SOLID SOILS • SLUDGE · OIL • SOLVENT • LIQUID · WATER • WASTEWATER · DRINKING WATER · AIR · WIPE • FILTER · OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	8081 / 8082	8260	625 / 8270	Metals-Total	8015M TPH/BTEX	8015M TPH/P	TPH-mo	PKH 8100	Total lead (6010)	SOLID SOILS	OIL	WATER	DRINKING WATER	AIR	WIPE	OTHER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	20	VT4 - 0.9	6/7	1244	X			X	X	X	X	X				X						E/48hr	1	T M C	lead metals 48hr
		~~VT4 - 1.5~~		1246																			1	T M C	no sample
	21	VT5 - 0		1407									X									48hr	1	bag	
	22	0.3		1408									X										1	bag	
	23	0.9		1410									X										1	bag	
	24	VT6 - 0		1424	X			X		X	X											E/48hr	1	T M C	lead metals 48hr
	25	VT6 0.3		1425	X	X		X	X	X	X	X											1	T M C	
	26	VT7 - 0		1430									X									48hr	1	bag	
	27	VT7 - 0.3		1432									X										1	bag	
	28	VT13 - 0		1442									X										1	bag	

• TAT starts 8 a.m. following day if samples r[illegible]d after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical [illegible] Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=[illegible] J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HN[illegible] S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ C[illegible]OH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

Batch #: _____ D.O. # _____
P.O.#: _____
Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GEOCON ENVIRONMENTAL - ~~SACRAMENTO~~
Attn: Matt Hanko Livermore
Address: ~~11375 Sunrise Park Drive, Suite 100~~ 2386 Research Dr
City: Rancho Cordova State: CA Zip Code: 95742
TEL: (~~916~~) ~~852-9118~~ 925 371 5900
FAX: (916) 852-9132

Project Name: OAKLAND MOLE Project #: 68000-06-13
Sampler: (Printed Name) Travis Mills (Signature)

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
	6/	1700	Fed-Ex	6/7	1700
			AM	6/8	

SHIP TO LAB: (SUB CONTRACT) _____
TEST: _____
ATL #: _____
DATE: _____
CLIENT I.D. _____

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Travis Mills Date: 6/7/01
Print Name
Signature

Send Report To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments: See page 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 601/8010 (Halogenated Volatiles-GC); 602/8020/BTEX (Aromatic Volatiles-GC); 608/8080 (Pesticides/PCB-GC); 624/8240 (Volatiles-GC/MS); 8260 (Volatiles-GC/MS); 625/8270 (BNA-GC/MS); 8015M TPH/D (Diesel-GC); 418.1 (TPH-IR); Metals-Total (CAC-6010/7000); TPH 8100; Total lead; Title 22

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☑ OTHER _____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	601/8010	602/8020/BTEX	608/8080	624/8240	8260	625/8270	8015M TPH/D	418.1	Metals-Total	TPH 8100	Total lead	SOLID	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	29	~~VT12-0.3~~ VT13-0.3	6/7	1445											X	X	48hr	1	bag		
	30	VT13-0.9		1448											X		48hr	1	bag		
	31	VT14-0		1454			X				X	X					48hr	1	T	MC	metals lead 48hr
	32	VT14-0.3		1457			X		X	X	X	X						1	T	MC	
	33	VT14-0.9		1500			X		X	X	X	X						1	T	MC	
	34	VT14-1.5		1503			X		X	X	X	X						1	T	MC	
	35	VT15-0		1506											X		48hr	1	bag		
	36	VT15 0.3		1507											X			1	bag		
	37	VT15 0.9		1512											X			1	bag		

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report. **Yellow** to folder. **Pink** to submitter.

Advanced Technology Laboratories

Print Date: *12-Jun-01*

CLIENT:	Geocon Environmental	**Test No:**	EPA 6010B
Lab Order:	051539	**Units:**	mg/Kg
Project:	Oakland Mole - E8000-06-13	**Analyst:**	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051539-001A	SS1-0	Soil	6/7/01	4524	74	5		1	6/11/01
051539-002A	SS1-0.3	Soil	6/7/01	4524	160	5		1	6/11/01
051539-003A	SS1-0.9	Soil	6/7/01	4524	47	5		1	6/11/01
051539-007A	UT1-0	Soil	6/7/01	4524	110	5		1	6/11/01
051539-008A	UT1-0.3	Soil	6/7/01	4524	670	5		1	6/11/01
051539-009A	UT1-0.9	Soil	6/7/01	4524	900	5		1	6/11/01
051539-014A	UT3-0	Soil	6/7/01	4524	94	5		1	6/11/01
051539-015A	UT3-0.3	Soil	6/7/01	4524	52	5		1	6/11/01
051539-016A	UT3-0.9	Soil	6/7/01	4524	46	5		1	6/11/01
051539-017A	UT3-1.5	Soil	6/7/01	4524	29	5		1	6/11/01
051539-021A	UT5-0	Soil	6/7/01	4524	12	5		1	6/11/01
051539-022A	UT5-0.3	Soil	6/7/01	4524	350	5		1	6/11/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *12-Jun-01*

CLIENT:	Geocon Environmental	**Test No:**	EPA 6010B
Lab Order:	051539	**Units:**	mg/Kg
Project:	Oakland Mole - E8000-06-13	**Analyst:**	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051539-023A	UT5-0.9	Soil	6/7/01	4524	110	5		1	6/11/01
051539-026A	UT7-0	Soil	6/7/01	4524	28	5		1	6/11/01
051539-027A	UT7-0.3	Soil	6/7/01	4524	13	5		1	6/11/01
051539-028A	UT13-0	Soil	6/7/01	4524	16	5		1	6/11/01
051539-029A	UT13-0.3	Soil	6/7/01	4524	12	5		1	6/11/01
051539-030A	UT13-0.9	Soil	6/7/01	4524	ND	5		1	6/11/01
051539-035A	UT15-0	Soil	6/7/01	4524	12	5		1	6/11/01
051539-036A	UT15-0.3	Soil	6/7/01	4524	62	5		1	6/11/01
051539-037A	UT15-0.9	Soil	6/7/01	4525	ND	5		1	6/11/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: R

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/12/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS2-0
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-004A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010611D** BatchID: **4526**				PrepDate: **6/8/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/11/01
Arsenic	6.0	0.25		mg/Kg	1.0	6/11/01
Barium	50	0.15		mg/Kg	1.0	6/11/01
Beryllium	ND	0.15		mg/Kg	1.0	6/11/01
Cadmium	ND	0.15		mg/Kg	1.0	6/11/01
Chromium	12	0.15		mg/Kg	1.0	6/11/01
Cobalt	6.0	0.15		mg/Kg	1.0	6/11/01
Copper	31	0.15		mg/Kg	1.0	6/11/01
Lead	260	0.25		mg/Kg	1.0	6/11/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/11/01
Nickel	16	0.15		mg/Kg	1.0	6/11/01
Selenium	ND	0.25		mg/Kg	1.0	6/11/01
Silver	ND	0.15		mg/Kg	1.0	6/11/01
Thallium	0.50	0.25		mg/Kg	1.0	6/11/01
Vanadium	26	0.15		mg/Kg	1.0	6/11/01
Zinc	180	0.50		mg/Kg	1.0	6/11/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010612A** BatchID: **4557**				PrepDate: **6/12/01**		Analyst: **NS**
Mercury	0.12	0.10		mg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

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Advanced Technology Laboratories

Print Date: *6/12/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS2-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-005A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010611D** BatchID: **4526**				PrepDate: **6/8/01**		Analyst: **RQ**
Antimony	0.25	0.25		mg/Kg	1.0	6/11/01
Arsenic	7.0	0.25		mg/Kg	1.0	6/11/01
Barium	73	0.15		mg/Kg	1.0	6/11/01
Beryllium	ND	0.15		mg/Kg	1.0	6/11/01
Cadmium	ND	0.15		mg/Kg	1.0	6/11/01
Chromium	12	0.15		mg/Kg	1.0	6/11/01
Cobalt	12	0.15		mg/Kg	1.0	6/11/01
Copper	86	0.15		mg/Kg	1.0	6/11/01
Lead	260	0.25		mg/Kg	1.0	6/11/01
Molybdenum	0.41	0.25		mg/Kg	1.0	6/11/01
Nickel	18	0.15		mg/Kg	1.0	6/11/01
Selenium	ND	0.25		mg/Kg	1.0	6/11/01
Silver	ND	0.15		mg/Kg	1.0	6/11/01
Thallium	1.0	0.25		mg/Kg	1.0	6/11/01
Vanadium	49	0.15		mg/Kg	1.0	6/11/01
Zinc	120	0.50		mg/Kg	1.0	6/11/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010612A** BatchID: **4557**				PrepDate: **6/12/01**		Analyst: **NS**
Mercury	0.19	0.10		mg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: R

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/12/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS2-0.9
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-006A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010611D** BatchID: **4526**				PrepDate: **6/8/01**		Analyst: **RQ**
Antimony	0.31	0.25		mg/Kg	1.0	6/11/01
Arsenic	7.0	0.25		mg/Kg	1.0	6/11/01
Barium	58	0.15		mg/Kg	1.0	6/11/01
Beryllium	ND	0.15		mg/Kg	1.0	6/11/01
Cadmium	ND	0.15		mg/Kg	1.0	6/11/01
Chromium	14	0.15		mg/Kg	1.0	6/11/01
Cobalt	7.5	0.15		mg/Kg	1.0	6/11/01
Copper	61	0.15		mg/Kg	1.0	6/11/01
Lead	180	0.25		mg/Kg	1.0	6/11/01
Molybdenum	0.48	0.25		mg/Kg	1.0	6/11/01
Nickel	15	0.15		mg/Kg	1.0	6/11/01
Selenium	ND	0.25		mg/Kg	1.0	6/11/01
Silver	ND	0.15		mg/Kg	1.0	6/11/01
Thallium	0.50	0.25		mg/Kg	1.0	6/11/01
Vanadium	41	0.15		mg/Kg	1.0	6/11/01
Zinc	98	0.50		mg/Kg	1.0	6/11/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010612A** BatchID: **4557**				PrepDate: **6/12/01**		Analyst: **NS**
Mercury	0.18	0.10		mg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/12/01*

CLIENT: Geocon Environmental
Client Sample ID: UT2-0
Lab Order: 051539
Project: Oakland Mole - E8000-06-13
Collection Date: 6/7/01
Lab ID: 051539-011A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010611D** BatchID: **4526**				PrepDate: **6/8/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/11/01
Arsenic	14	0.25		mg/Kg	1.0	6/11/01
Barium	47	0.15		mg/Kg	1.0	6/11/01
Beryllium	ND	0.15		mg/Kg	1.0	6/11/01
Cadmium	ND	0.15		mg/Kg	1.0	6/11/01
Chromium	6.5	0.15		mg/Kg	1.0	6/11/01
Cobalt	5.0	0.15		mg/Kg	1.0	6/11/01
Copper	24	0.15		mg/Kg	1.0	6/11/01
Lead	130	0.25		mg/Kg	1.0	6/11/01
Molybdenum	0.36	0.25		mg/Kg	1.0	6/11/01
Nickel	6.0	0.15		mg/Kg	1.0	6/11/01
Selenium	ND	0.25		mg/Kg	1.0	6/11/01
Silver	ND	0.15		mg/Kg	1.0	6/11/01
Thallium	1.0	0.25		mg/Kg	1.0	6/11/01
Vanadium	22	0.15		mg/Kg	1.0	6/11/01
Zinc	130	0.50		mg/Kg	1.0	6/11/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010612A** BatchID: **4557**				PrepDate: **6/12/01**		Analyst: **NS**
Mercury	0.17	0.10		mg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/12/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT2-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-012A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010611D** BatchID: **4526**				PrepDate: **6/8/01**		Analyst: **RQ**
Antimony	0.25	0.25		mg/Kg	1.0	6/11/01
Arsenic	9.5	0.25		mg/Kg	1.0	6/11/01
Barium	54	0.15		mg/Kg	1.0	6/11/01
Beryllium	ND	0.15		mg/Kg	1.0	6/11/01
Cadmium	ND	0.15		mg/Kg	1.0	6/11/01
Chromium	16	0.15		mg/Kg	1.0	6/11/01
Cobalt	7.0	0.15		mg/Kg	1.0	6/11/01
Copper	43	0.15		mg/Kg	1.0	6/11/01
Lead	210	0.25		mg/Kg	1.0	6/11/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/11/01
Nickel	14	0.15		mg/Kg	1.0	6/11/01
Selenium	ND	0.25		mg/Kg	1.0	6/11/01
Silver	ND	0.15		mg/Kg	1.0	6/11/01
Thallium	0.50	0.25		mg/Kg	1.0	6/11/01
Vanadium	21	0.15		mg/Kg	1.0	6/11/01
Zinc	76	0.50		mg/Kg	1.0	6/11/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010612A** BatchID: **4557**				PrepDate: **6/12/01**		Analyst: **NS**
Mercury	0.19	0.10		mg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/12/01*

CLIENT: Geocon Environmental
Lab Order: 051539
Project: Oakland Mole - E8000-06-13
Lab ID: 051539-013A

Client Sample ID: UT2-0.9
Collection Date: 6/7/01
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010611D** BatchID: **4526**				PrepDate: **6/8/01**		Analyst: **RQ**
Antimony	0.36	0.25		mg/Kg	1.0	6/11/01
Arsenic	10	0.25		mg/Kg	1.0	6/11/01
Barium	82	0.15		mg/Kg	1.0	6/11/01
Beryllium	ND	0.15		mg/Kg	1.0	6/11/01
Cadmium	ND	0.15		mg/Kg	1.0	6/11/01
Chromium	20	0.15		mg/Kg	1.0	6/11/01
Cobalt	9.0	0.15		mg/Kg	1.0	6/11/01
Copper	68	0.15		mg/Kg	1.0	6/11/01
Lead	400	0.25		mg/Kg	1.0	6/11/01
Molybdenum	0.50	0.25		mg/Kg	1.0	6/11/01
Nickel	17	0.15		mg/Kg	1.0	6/11/01
Selenium	ND	0.25		mg/Kg	1.0	6/11/01
Silver	ND	0.15		mg/Kg	1.0	6/11/01
Thallium	0.50	0.25		mg/Kg	1.0	6/11/01
Vanadium	29	0.15		mg/Kg	1.0	6/11/01
Zinc	170	0.50		mg/Kg	1.0	6/11/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010612A** BatchID: **4557**				PrepDate: **6/12/01**		Analyst: **NS**
Mercury	0.12	0.10		mg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/12/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT4-0
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-018A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010611D** BatchID: **4526**				PrepDate: **6/8/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/11/01
Arsenic	1.0	0.25		mg/Kg	1.0	6/11/01
Barium	29	0.15		mg/Kg	1.0	6/11/01
Beryllium	ND	0.15		mg/Kg	1.0	6/11/01
Cadmium	ND	0.15		mg/Kg	1.0	6/11/01
Chromium	3.0	0.15		mg/Kg	1.0	6/11/01
Cobalt	0.17	0.15		mg/Kg	1.0	6/11/01
Copper	9.5	0.15		mg/Kg	1.0	6/11/01
Lead	46	0.25		mg/Kg	1.0	6/11/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/11/01
Nickel	2.5	0.15		mg/Kg	1.0	6/11/01
Selenium	ND	0.25		mg/Kg	1.0	6/11/01
Silver	ND	0.15		mg/Kg	1.0	6/11/01
Thallium	ND	0.25		mg/Kg	1.0	6/11/01
Vanadium	1.5	0.15		mg/Kg	1.0	6/11/01
Zinc	54	0.50		mg/Kg	1.0	6/11/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010612A** BatchID: **4557**				PrepDate: **6/12/01**		Analyst: **NS**
Mercury	ND	10		mg/Kg	100	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: R

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/12/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT4-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-019A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010611D** BatchID: **4526**				PrepDate: **6/8/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/11/01
Arsenic	10	0.25		mg/Kg	1.0	6/11/01
Barium	50	0.15		mg/Kg	1.0	6/11/01
Beryllium	ND	0.15		mg/Kg	1.0	6/11/01
Cadmium	ND	0.15		mg/Kg	1.0	6/11/01
Chromium	25	0.15		mg/Kg	1.0	6/11/01
Cobalt	9.5	0.15		mg/Kg	1.0	6/11/01
Copper	50	0.15		mg/Kg	1.0	6/11/01
Lead	180	0.25		mg/Kg	1.0	6/11/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/11/01
Nickel	20	0.15		mg/Kg	1.0	6/11/01
Selenium	ND	0.25		mg/Kg	1.0	6/11/01
Silver	ND	0.15		mg/Kg	1.0	6/11/01
Thallium	0.48	0.25		mg/Kg	1.0	6/11/01
Vanadium	26	0.15		mg/Kg	1.0	6/11/01
Zinc	61	0.50		mg/Kg	1.0	6/11/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010612A** BatchID: **4557**				PrepDate: **6/12/01**		Analyst: **NS**
Mercury	0.18	0.10		mg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RQ

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/12/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT4-0.9
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-020A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010611D** BatchID: **4526**				PrepDate: **6/8/01**		Analyst: **RQ**
Antimony	0.25	0.25		mg/Kg	1.0	6/11/01
Arsenic	8.5	0.25		mg/Kg	1.0	6/11/01
Barium	60	0.15		mg/Kg	1.0	6/11/01
Beryllium	ND	0.15		mg/Kg	1.0	6/11/01
Cadmium	ND	0.15		mg/Kg	1.0	6/11/01
Chromium	18	0.15		mg/Kg	1.0	6/11/01
Cobalt	7.5	0.15		mg/Kg	1.0	6/11/01
Copper	45	0.15		mg/Kg	1.0	6/11/01
Lead	160	0.25		mg/Kg	1.0	6/11/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/11/01
Nickel	18	0.15		mg/Kg	1.0	6/11/01
Selenium	ND	0.25		mg/Kg	1.0	6/11/01
Silver	ND	0.15		mg/Kg	1.0	6/11/01
Thallium	0.50	0.25		mg/Kg	1.0	6/11/01
Vanadium	22	0.15		mg/Kg	1.0	6/11/01
Zinc	70	0.50		mg/Kg	1.0	6/11/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010612A** BatchID: **4557**				PrepDate: **6/12/01**		Analyst: **NS**
Mercury	0.12	0.10		mg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/12/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT6-0
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-024A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010611D** BatchID: **4526**				PrepDate: **6/8/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/11/01
Arsenic	9.0	0.25		mg/Kg	1.0	6/11/01
Barium	95	0.15		mg/Kg	1.0	6/11/01
Beryllium	ND	0.15		mg/Kg	1.0	6/11/01
Cadmium	ND	0.15		mg/Kg	1.0	6/11/01
Chromium	21	0.15		mg/Kg	1.0	6/11/01
Cobalt	6.5	0.15		mg/Kg	1.0	6/11/01
Copper	52	0.15		mg/Kg	1.0	6/11/01
Lead	110	0.25		mg/Kg	1.0	6/11/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/11/01
Nickel	26	0.15		mg/Kg	1.0	6/11/01
Selenium	ND	0.25		mg/Kg	1.0	6/11/01
Silver	ND	0.15		mg/Kg	1.0	6/11/01
Thallium	0.50	0.25		mg/Kg	1.0	6/11/01
Vanadium	32	0.15		mg/Kg	1.0	6/11/01
Zinc	78	0.50		mg/Kg	1.0	6/11/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010612A** BatchID: **4557**				PrepDate: **6/12/01**		Analyst: **NS**
Mercury	0.16	0.10		mg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/12/01*

CLIENT: Geocon Environmental
Client Sample ID: UT6-0.3
Lab Order: 051539
Project: Oakland Mole - E8000-06-13
Collection Date: 6/7/01
Lab ID: 051539-025A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010611E** BatchID: **4527**				PrepDate: **6/8/01**		Analyst: **RQ**
Antimony	0.50	0.25		mg/Kg	1.0	6/11/01
Arsenic	7.0	0.25		mg/Kg	1.0	6/11/01
Barium	83	0.15		mg/Kg	1.0	6/11/01
Beryllium	ND	0.15		mg/Kg	1.0	6/11/01
Cadmium	ND	0.15		mg/Kg	1.0	6/11/01
Chromium	29	0.15		mg/Kg	1.0	6/11/01
Cobalt	7.0	0.15		mg/Kg	1.0	6/11/01
Copper	42	0.15		mg/Kg	1.0	6/11/01
Lead	420	0.25		mg/Kg	1.0	6/11/01
Molybdenum	0.50	0.25		mg/Kg	1.0	6/11/01
Nickel	32	0.15		mg/Kg	1.0	6/11/01
Selenium	ND	0.25		mg/Kg	1.0	6/11/01
Silver	ND	0.15		mg/Kg	1.0	6/11/01
Thallium	0.50	0.25		mg/Kg	1.0	6/11/01
Vanadium	24	0.15		mg/Kg	1.0	6/11/01
Zinc	150	0.50		mg/Kg	1.0	6/11/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010612A** BatchID: **4558**				PrepDate: **6/12/01**		Analyst: **NS**
Mercury	0.11	0.10		mg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/12/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT14-0
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-031A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010611E** BatchID: **4527**				PrepDate: **6/8/01**		Analyst: **RQ**
Antimony	0.50	0.25		mg/Kg	1.0	6/11/01
Arsenic	10	0.25		mg/Kg	1.0	6/11/01
Barium	140	0.15		mg/Kg	1.0	6/11/01
Beryllium	ND	0.15		mg/Kg	1.0	6/11/01
Cadmium	ND	0.15		mg/Kg	1.0	6/11/01
Chromium	57	0.15		mg/Kg	1.0	6/11/01
Cobalt	13	0.15		mg/Kg	1.0	6/11/01
Copper	32	0.15		mg/Kg	1.0	6/11/01
Lead	22	0.25		mg/Kg	1.0	6/11/01
Molybdenum	0.39	0.25		mg/Kg	1.0	6/11/01
Nickel	88	0.15		mg/Kg	1.0	6/11/01
Selenium	ND	0.25		mg/Kg	1.0	6/11/01
Silver	ND	0.15		mg/Kg	1.0	6/11/01
Thallium	1.0	0.25		mg/Kg	1.0	6/11/01
Vanadium	38	0.15		mg/Kg	1.0	6/11/01
Zinc	110	0.50		mg/Kg	1.0	6/11/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010612A** BatchID: **4558**				PrepDate: **6/12/01**		Analyst: **NS**
Mercury	0.49	0.10		mg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

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Advanced Technology Laboratories

Print Date: *6/12/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT14-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-032A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010611E** BatchID: **4527**				PrepDate: **6/8/01**		Analyst: **RQ**
Antimony	0.50	0.25		mg/Kg	1.0	6/11/01
Arsenic	9.0	0.25		mg/Kg	1.0	6/11/01
Barium	110	0.15		mg/Kg	1.0	6/11/01
Beryllium	ND	0.15		mg/Kg	1.0	6/11/01
Cadmium	ND	0.15		mg/Kg	1.0	6/11/01
Chromium	40	0.15		mg/Kg	1.0	6/11/01
Cobalt	10	0.15		mg/Kg	1.0	6/11/01
Copper	29	0.15		mg/Kg	1.0	6/11/01
Lead	28	0.25		mg/Kg	1.0	6/11/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/11/01
Nickel	62	0.15		mg/Kg	1.0	6/11/01
Selenium	ND	0.25		mg/Kg	1.0	6/11/01
Silver	ND	0.15		mg/Kg	1.0	6/11/01
Thallium	1.0	0.25		mg/Kg	1.0	6/11/01
Vanadium	34	0.15		mg/Kg	1.0	6/11/01
Zinc	90	0.50		mg/Kg	1.0	6/11/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010612A** BatchID: **4558**				PrepDate: **6/12/01**		Analyst: **NS**
Mercury	0.50	0.10		mg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RQ

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Advanced Technology Laboratories

Print Date: *6/12/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT14-0.9
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-033A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010611E** BatchID: **4527**				PrepDate: **6/8/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/11/01
Arsenic	4.5	0.25		mg/Kg	1.0	6/11/01
Barium	32	0.15		mg/Kg	1.0	6/11/01
Beryllium	ND	0.15		mg/Kg	1.0	6/11/01
Cadmium	ND	0.15		mg/Kg	1.0	6/11/01
Chromium	10	0.15		mg/Kg	1.0	6/11/01
Cobalt	4.5	0.15		mg/Kg	1.0	6/11/01
Copper	9.0	0.15		mg/Kg	1.0	6/11/01
Lead	5.5	0.25		mg/Kg	1.0	6/11/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/11/01
Nickel	12	0.15		mg/Kg	1.0	6/11/01
Selenium	ND	0.25		mg/Kg	1.0	6/11/01
Silver	ND	0.15		mg/Kg	1.0	6/11/01
Thallium	0.50	0.25		mg/Kg	1.0	6/11/01
Vanadium	21	0.15		mg/Kg	1.0	6/11/01
Zinc	45	0.50		mg/Kg	1.0	6/11/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010612A** BatchID: **4558**				PrepDate: **6/12/01**		Analyst: **NS**
Mercury	0.14	0.10		mg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RQ

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/12/01*

CLIENT: Geocon Environmental
Client Sample ID: UT14-1.5
Lab Order: 051539
Project: Oakland Mole - E8000-06-13
Collection Date: 6/7/01
Lab ID: 051539-034A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010611E** BatchID: **4527**			PrepDate: **6/8/01**			Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/11/01
Arsenic	2.5	0.25		mg/Kg	1.0	6/11/01
Barium	15	0.15		mg/Kg	1.0	6/11/01
Beryllium	ND	0.15		mg/Kg	1.0	6/11/01
Cadmium	ND	0.15		mg/Kg	1.0	6/11/01
Chromium	16	0.15		mg/Kg	1.0	6/11/01
Cobalt	3.0	0.15		mg/Kg	1.0	6/11/01
Copper	3.5	0.15		mg/Kg	1.0	6/11/01
Lead	1.0	0.25		mg/Kg	1.0	6/11/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/11/01
Nickel	19	0.15		mg/Kg	1.0	6/11/01
Selenium	ND	0.25		mg/Kg	1.0	6/11/01
Silver	ND	0.15		mg/Kg	1.0	6/11/01
Thallium	0.31	0.25		mg/Kg	1.0	6/11/01
Vanadium	10	0.15		mg/Kg	1.0	6/11/01
Zinc	12	0.50		mg/Kg	1.0	6/11/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010612A** BatchID: **4558**			PrepDate: **6/12/01**			Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

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Advanced Technology Laboratories

Date: *12-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4526** Batch ID: **4526** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date: **6/8/01**

MBLK SeqNo: **146708**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.25		0				0			
Arsenic	ND	0.25		0				0			
Barium	ND	0.15		0				0			
Beryllium	ND	0.15		0				0			
Cadmium	ND	0.15		0				0			
Chromium	ND	0.15		0				0			
Cobalt	ND	0.15		0				0			
Copper	ND	0.15		0				0			
Lead	ND	0.25		0				0			
Molybdenum	ND	0.25		0				0			
Nickel	ND	0.15		0				0			
Selenium	ND	0.25		0				0			
Silver	ND	0.15		0				0			
Thallium	ND	0.25		0				0			
Vanadium	ND	0.15		0				0			
Zinc	ND	0.50		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4527** Batch ID: **4527** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date: **6/8/01**
MBLK SeqNo: **146742**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.25		0				0			
Arsenic	ND	0.25		0				0			
Barium	ND	0.15		0				0			
Beryllium	ND	0.15		0				0			
Cadmium	ND	0.15		0				0			
Chromium	ND	0.15		0				0			
Cobalt	ND	0.15		0				0			
Copper	ND	0.15		0				0			
Lead	ND	0.25		0				0			
Molybdenum	ND	0.25		0				0			
Nickel	ND	0.15		0				0			
Selenium	ND	0.25		0				0			
Silver	ND	0.15		0				0			
Thallium	ND	0.25		0				0			
Vanadium	ND	0.15		0				0			
Zinc	ND	0.50		0				0			

Sample ID **MB-4524A** Batch ID: **4524** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date: **6/10/01**
MBLK SeqNo: **146844**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Method Blank

Sample ID **MB-4524B** Batch ID: **4524** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date: **6/10/01**
MBLK SeqNo: **146858**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0		0				0			

Sample ID **MB-4525** Batch ID: **4525** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date: **6/10/01**
MBLK SeqNo: **146873**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0		0				0			

Sample ID **MB-4557** Batch ID: **4557** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
MBLK SeqNo: **147276**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10		0				0			

Sample ID **MB-4558** Batch ID: **4558** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
MBLK SeqNo: **147277**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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Advanced Technology Laboratories

Date: *12-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051539-024ADU** Batch ID: **4526** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date: **6/8/01**

DUP SeqNo: **146720**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.26	0.25	0	0	0	0	0	0.15	55	30	R
Arsenic	8.5	0.25	0	0	0	0	0	9	6	30	
Barium	94	0.15	0	0	0	0	0	95	1	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	ND	0.15	0	0	0	0	0	0	0	30	
Chromium	20	0.15	0	0	0	0	0	21	5	30	
Cobalt	6.5	0.15	0	0	0	0	0	6.5	0	30	
Copper	52	0.15	0	0	0	0	0	52	0	30	
Lead	100	0.25	0	0	0	0	0	110	5	30	
Molybdenum	0.1	0.25	0	0	0	0	0	0.14	32	30	R
Nickel	25	0.15	0	0	0	0	0	26	2	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	ND	0.15	0	0	0	0	0	0	0	30	
Thallium	0.5	0.25	0	0	0	0	0	0.5	0	30	
Vanadium	32	0.15	0	0	0	0	0	32	2	30	
Zinc	77	0.50	0	0	0	0	0	78	1	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Duplicate

Sample ID **051539-034ADU** Batch ID: **4527** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date: **6/8/01**

DUP SeqNo: **146749**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.25	0	0	0	0	0	0.029	0	30	
Arsenic	2.5	0.25	0	0	0	0	0	2.5	0	30	
Barium	15	0.15	0	0	0	0	0	15	0	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	ND	0.15	0	0	0	0	0	0	0	30	
Chromium	17	0.15	0	0	0	0	0	16	3	30	
Cobalt	3	0.15	0	0	0	0	0	3	0	30	
Copper	3.5	0.15	0	0	0	0	0	3.5	0	30	
Lead	1	0.25	0	0	0	0	0	1	0	30	
Molybdenum	ND	0.25	0	0	0	0	0	0	0	30	
Nickel	19	0.15	0	0	0	0	0	19	0	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	ND	0.15	0	0	0	0	0	0	0	30	
Thallium	0.3	0.25	0	0	0	0	0	0.31	5	30	
Vanadium	11	0.15	0	0	0	0	0	10	5	30	
Zinc	12	0.50	0	0	0	0	0	12	0	30	

Sample ID **051539-017ADU** Batch ID: **4524** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date: **6/10/01**

DUP SeqNo: **146856**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	13	5.0	0	0	0	0	0	28	75	30	R

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051539-036ADU** Batch ID: **4524** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date: **6/10/01**
DUP SeqNo: **146869**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	76	5.0	0	0	0	0	0	62	19	30	

Sample ID **051539-037ADU** Batch ID: **4525** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date: **6/10/01**
DUP SeqNo: **146876**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	52	5.0	0	0	0	0	0	0.046	200	30	R

Sample ID **051539-024ADU** Batch ID: **4557** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
DUP SeqNo: **147262**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.15	0.10	0	0	0	0	0	0.16	7	30	

Sample ID **051539-034ADU** Batch ID: **4558** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
DUP SeqNo: **147270**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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Advanced Technology Laboratories

Date: *12-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051539-024AMS** Batch ID: **4526** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date: **6/8/01**

MS SeqNo: **146721**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	76	0.25	125	0.15	61	32	115	0			
Arsenic	120	0.25	125	9	88	59	111	0			
Barium	220	0.15	125	95	103	34	151	0			
Beryllium	110	0.15	125	0	86	56	112	0			
Cadmium	96	0.15	125	0	77	52	120	0			
Chromium	140	0.15	125	21	95	56	118	0			
Cobalt	110	0.15	125	6.5	82	58	117	0			
Copper	160	0.15	125	52	85	58	134	0			
Lead	200	0.25	125	110	72	47	128	0			
Molybdenum	110	0.25	125	0.14	86	56	115	0			
Nickel	130	0.15	125	26	86	52	120	0			
Selenium	110	0.25	125	0	88	46	108	0			
Silver	82	0.15	125	0	65	74	117	0			S
Thallium	100	0.25	125	0.5	80	62	117	0			
Vanadium	140	0.15	125	32	88	55	122	0			
Zinc	190	0.50	125	78	87	43	134	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID **051539-024AMS** Batch ID: **4526** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date: **6/8/01**

MSD SeqNo: **146722**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	84	0.25	125	0.15	67	32	115	76	10	20	
Arsenic	120	0.25	125	9	90	59	111	120	1	20	
Barium	210	0.15	125	95	89	34	151	220	6	20	
Beryllium	110	0.15	125	0	88	56	112	110	3	20	
Cadmium	100	0.15	125	0	81	52	120	96	4	20	
Chromium	130	0.15	125	21	90	56	118	140	7	20	
Cobalt	110	0.15	125	6.5	84	58	117	110	1	20	
Copper	160	0.15	125	52	90	58	134	160	1	20	
Lead	210	0.25	125	110	81	47	128	200	5	20	
Molybdenum	110	0.25	125	0.14	90	56	115	110	2	20	
Nickel	130	0.15	125	26	83	52	120	130	3	20	
Selenium	110	0.25	125	0	92	46	108	110	0	20	
Silver	90	0.15	125	0	72	74	117	82	10	20	S
Thallium	110	0.25	125	0.5	84	62	117	100	9	20	
Vanadium	140	0.15	125	32	90	55	122	140	2	20	
Zinc	180	0.50	125	78	86	43	134	190	4	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **051539-034AMS** Batch ID: **4527** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date: **6/8/01**

MS SeqNo: **146750**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	110	0.25	125	0.029	88	32	115	0			
Arsenic	120	0.25	125	2.5	95	59	111	0			
Barium	130	0.15	125	15	89	34	151	0			
Beryllium	120	0.15	125	0	94	56	112	0			
Cadmium	110	0.15	125	0	89	52	120	0			
Chromium	130	0.15	125	16	93	56	118	0			
Cobalt	120	0.15	125	3	92	58	117	0			
Copper	130	0.15	125	3.5	100	58	134	0			
Lead	110	0.25	125	1	88	47	128	0			
Molybdenum	120	0.25	125	0	95	56	115	0			
Nickel	130	0.15	125	19	91	52	120	0			
Selenium	120	0.25	125	0	94	46	108	0			
Silver	100	0.15	125	0	82	74	117	0			
Thallium	110	0.25	125	0.31	90	62	117	0			
Vanadium	130	0.15	125	10	99	55	122	0			
Zinc	120	0.50	125	12	90	43	134	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051539-034AMS** Batch ID: **4527** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date: **6/8/01**

MSD SeqNo: **146751**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	100	0.25	125	0.029	83	32	115	110	10	20	
Arsenic	120	0.25	125	2.5	90	59	111	120	1	20	
Barium	120	0.15	125	15	88	34	151	130	5	20	
Beryllium	110	0.15	125	0	89	56	112	120	6	20	
Cadmium	100	0.15	125	0	84	52	120	110	11	20	
Chromium	130	0.15	125	16	91	56	118	130	2	20	
Cobalt	110	0.15	125	3	88	58	117	120	7	20	
Copper	120	0.15	125	3.5	96	58	134	130	7	20	
Lead	110	0.25	125	1	84	47	128	110	1	20	
Molybdenum	110	0.25	125	0	90	56	115	120	8	20	
Nickel	130	0.15	125	19	89	52	120	130	2	20	
Selenium	110	0.25	125	0	90	46	108	120	7	20	
Silver	94	0.15	125	0	75	74	117	100	8	20	
Thallium	110	0.25	125	0.31	86	62	117	110	3	20	
Vanadium	130	0.15	125	10	96	55	122	130	3	20	
Zinc	120	0.50	125	12	86	43	134	120	3	20	

Sample ID **051539-017AMS** Batch ID: **4524** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date: **6/10/01**

MS SeqNo: **146857**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	140	5.0	250	29	43	47	128	0			S

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **051539-036AMS** Batch ID: **4524** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date: **6/10/01**
MS SeqNo: **146870**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	330	5.0	250	62	106	47	128	0			

Sample ID **051539-037AMS** Batch ID: **4525** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date: **6/10/01**
MS SeqNo: **146877**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	280	5.0	250	0.046	112	47	128	0			

Sample ID **051539-024AMS** Batch ID: **4557** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
MS SeqNo: **147263**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.91	0.10	0.83	0.16	90	62	146	0			

Sample ID **051539-024AMS** Batch ID: **4557** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
MSD SeqNo: **147264**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.86	0.10	0.83	0.16	84	62	146	0.91	6	33	

Sample ID **051539-034AMS** Batch ID: **4558** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
MS SeqNo: **147271**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.92	0.10	0.83	0	111	62	146	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID **051539-034AMS** Batch ID: **4558** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**

MSD SeqNo: **147272**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.89	0.10	0.83	0	107	62	146	0.92	4	33	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *12-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4526** Batch ID: **4526** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date: **6/8/01**

LCS SeqNo: **146709**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	52	0.25	50	0	104	80	120	0			
Arsenic	49	0.25	50	0	98	80	120	0			
Barium	46	0.15	50	0	93	80	120	0			
Beryllium	48	0.15	50	0	96	80	120	0			
Cadmium	46	0.15	50	0	93	80	120	0			
Chromium	47	0.15	50	0	94	80	120	0			
Cobalt	47	0.15	50	0	94	80	120	0			
Copper	48	0.15	50	0	97	80	120	0			
Lead	44	0.25	50	0	89	80	120	0			
Molybdenum	48	0.25	50	0	97	80	120	0			
Nickel	46	0.15	50	0	91	80	120	0			
Selenium	49	0.25	50	0	98	80	120	0			
Silver	43	0.15	50	0	86	80	120	0			
Thallium	46	0.25	50	0.13	93	80	120	0			
Vanadium	48	0.15	50	0	97	80	120	0			
Zinc	46	0.50	50	0	92	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4527** Batch ID: **4527** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date: **6/8/01**

LCS SeqNo: **146743**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	52	0.25	50	0	105	80	120	0			
Arsenic	50	0.25	50	0	99	80	120	0			
Barium	46	0.15	50	0	93	80	120	0			
Beryllium	48	0.15	50	0	97	80	120	0			
Cadmium	47	0.15	50	0	94	80	120	0			
Chromium	47	0.15	50	0	94	80	120	0			
Cobalt	48	0.15	50	0	95	80	120	0			
Copper	48	0.15	50	0	97	80	120	0			
Lead	44	0.25	50	0	89	80	120	0			
Molybdenum	49	0.25	50	0	98	80	120	0			
Nickel	46	0.15	50	0	92	80	120	0			
Selenium	49	0.25	50	0	98	80	120	0			
Silver	43	0.15	50	0	86	80	120	0			
Thallium	46	0.25	50	0	93	80	120	0			
Vanadium	48	0.15	50	0	97	80	120	0			
Zinc	46	0.50	50	0	93	80	120	0			

Sample ID **LCS-4524** Batch ID: **4524** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date: **6/10/01**

LCS SeqNo: **146845**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	240	5.0	250	0	98	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4525** Batch ID: **4525** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date: **6/10/01**
LCS SeqNo: **146874**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	250	5.0	250	0	102	80	120	0			

Sample ID **LCS-4557** Batch ID: **4557** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
LCS SeqNo: **147274**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.8	0.10	2.08	0	86	80	120	0			

Sample ID **LCS-4558** Batch ID: **4558** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
LCS SeqNo: **147275**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.1	0.10	2.08	0	100	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

June 15, 2001

Matt Hanko
Geocon Environmental
2356 Research Drive
Livermore, CA 94550
TEL: (925) 371-5900
FAX (925) 371-5915

ELAP No: 1838

RE: Oakland Mole - E8000-06-13

Work Order No.: 051539

Attention: Matt Hanko

Enclosed are the results for sample(s) received on June 08, 2001 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Edgar Caballero
Laboratory Director

This cover letter and a case narrative are an integral part of this analytical report.

CLIENT: Geocon Environmental
Project: Oakland Mole - E8000-06-13
Lab Order: 051539

CASE NARRATIVE

Samples for PAHs were subcontracted to AETL with DOHS Cert. #1541.

Samples 051539-004A, 051539-005A, 051539-006A, 051539-011A, 051539-012A, 051539-013A, 051539-018A, 051539-019A, 051539-020A, 051539-024A, 051539-025A, 051539-031A, 051539-032A, 051539-033A and 051539-034A contain hydrocarbons heavier than Diesel. Quantitation is based on a Diesel standard.

Samples 051539-004A, 051539-005A, 051539-006A, 051539-011A, 051539-012A, 051539-013A, 051539-018A, 051539-019A, 051539-020A, 051539-024A, 051539-025A, 051539-031A, 051539-032A, 051539-033A and 051539-034A contain hydrocarbons within the Motor Oil range. Quantitation is based on a Motor Oil standard.

Samples 051539-005A, 051539-006A, 051539-024A, 051539-025A, 051539-031A, 051539-032A, 051539-033A and 051539-034A were diluted for Method 8081/8082, due to matrix interference.

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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS2-0
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-004A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010612A** BatchID: **4553**				PrepDate: **6/12/01**		Analyst: **GG**
4,4'-DDD	ND	4.0		µg/Kg	1.0	6/12/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/12/01
4,4'-DDT	15	4.0		µg/Kg	1.0	6/12/01
Aldrin	ND	2.0		µg/Kg	1.0	6/12/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/12/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/12/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/12/01
Chlordane	ND	17		µg/Kg	1.0	6/12/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/12/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/12/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/12/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/12/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/12/01
Endrin	ND	4.0		µg/Kg	1.0	6/12/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/12/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/12/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/12/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/12/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/12/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/12/01
Methoxychlor	ND	17		µg/Kg	1.0	6/12/01
Toxaphene	ND	170		µg/Kg	1.0	6/12/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC10_010612A** BatchID: **4553**				PrepDate: **6/12/01**		Analyst: **GG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/12/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/12/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/12/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/12/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/12/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/12/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/12/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/12/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS2-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-005A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010612A** BatchID: **4553**				PrepDate: **6/12/01**		Analyst: **GG**
4,4'-DDD	ND	20		µg/Kg	5.0	6/13/01
4,4'-DDE	ND	20		µg/Kg	5.0	6/13/01
4,4'-DDT	ND	20		µg/Kg	5.0	6/13/01
Aldrin	ND	10		µg/Kg	5.0	6/13/01
alpha-BHC	ND	10		µg/Kg	5.0	6/13/01
alpha-Chlordane	ND	20		µg/Kg	5.0	6/13/01
beta-BHC	ND	10		µg/Kg	5.0	6/13/01
Chlordane	ND	85		µg/Kg	5.0	6/13/01
delta-BHC	ND	10		µg/Kg	5.0	6/13/01
Dieldrin	ND	20		µg/Kg	5.0	6/13/01
Endosulfan I	ND	10		µg/Kg	5.0	6/13/01
Endosulfan II	ND	20		µg/Kg	5.0	6/13/01
Endosulfan sulfate	ND	20		µg/Kg	5.0	6/13/01
Endrin	ND	20		µg/Kg	5.0	6/13/01
Endrin aldehyde	ND	20		µg/Kg	5.0	6/13/01
Endrin ketone	ND	20		µg/Kg	5.0	6/13/01
gamma-BHC	ND	10		µg/Kg	5.0	6/13/01
gamma-Chlordane	ND	20		µg/Kg	5.0	6/13/01
Heptachlor	ND	10		µg/Kg	5.0	6/13/01
Heptachlor epoxide	ND	10		µg/Kg	5.0	6/13/01
Methoxychlor	ND	85		µg/Kg	5.0	6/13/01
Toxaphene	ND	850		µg/Kg	5.0	6/13/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC10_010612A** BatchID: **4553**				PrepDate: **6/12/01**		Analyst: **GG**
Aroclor 1016	ND	160		µg/Kg	5.0	6/13/01
Aroclor 1221	ND	340		µg/Kg	5.0	6/13/01
Aroclor 1232	ND	160		µg/Kg	5.0	6/13/01
Aroclor 1242	ND	160		µg/Kg	5.0	6/13/01
Aroclor 1248	ND	160		µg/Kg	5.0	6/13/01
Aroclor 1254	ND	160		µg/Kg	5.0	6/13/01
Aroclor 1260	ND	160		µg/Kg	5.0	6/13/01
Aroclor 1262	ND	160		µg/Kg	5.0	6/13/01
Aroclor 1268	ND	160		µg/Kg	5.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS2-0.9
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-006A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010612A** BatchID: **4553**				PrepDate: **6/12/01**		Analyst: **GG**
4,4'-DDD	ND	20		µg/Kg	5.0	6/13/01
4,4'-DDE	ND	20		µg/Kg	5.0	6/13/01
4,4'-DDT	ND	20		µg/Kg	5.0	6/13/01
Aldrin	ND	10		µg/Kg	5.0	6/13/01
alpha-BHC	ND	10		µg/Kg	5.0	6/13/01
alpha-Chlordane	ND	20		µg/Kg	5.0	6/13/01
beta-BHC	ND	10		µg/Kg	5.0	6/13/01
Chlordane	ND	85		µg/Kg	5.0	6/13/01
delta-BHC	ND	10		µg/Kg	5.0	6/13/01
Dieldrin	ND	20		µg/Kg	5.0	6/13/01
Endosulfan I	ND	10		µg/Kg	5.0	6/13/01
Endosulfan II	ND	20		µg/Kg	5.0	6/13/01
Endosulfan sulfate	ND	20		µg/Kg	5.0	6/13/01
Endrin	ND	20		µg/Kg	5.0	6/13/01
Endrin aldehyde	ND	20		µg/Kg	5.0	6/13/01
Endrin ketone	ND	20		µg/Kg	5.0	6/13/01
gamma-BHC	ND	10		µg/Kg	5.0	6/13/01
gamma-Chlordane	ND	20		µg/Kg	5.0	6/13/01
Heptachlor	ND	10		µg/Kg	5.0	6/13/01
Heptachlor epoxide	ND	10		µg/Kg	5.0	6/13/01
Methoxychlor	ND	85		µg/Kg	5.0	6/13/01
Toxaphene	ND	850		µg/Kg	5.0	6/13/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC10_010612A** BatchID: **4553**				PrepDate: **6/12/01**		Analyst: **GG**
Aroclor 1016	ND	160		µg/Kg	5.0	6/13/01
Aroclor 1221	ND	340		µg/Kg	5.0	6/13/01
Aroclor 1232	ND	160		µg/Kg	5.0	6/13/01
Aroclor 1242	ND	160		µg/Kg	5.0	6/13/01
Aroclor 1248	ND	160		µg/Kg	5.0	6/13/01
Aroclor 1254	ND	160		µg/Kg	5.0	6/13/01
Aroclor 1260	ND	160		µg/Kg	5.0	6/13/01
Aroclor 1262	ND	160		µg/Kg	5.0	6/13/01
Aroclor 1268	ND	160		µg/Kg	5.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT: Geocon Environmental
Client Sample ID: UT2-0
Lab Order: 051539
Project: Oakland Mole - E8000-06-13
Collection Date: 6/7/01
Lab ID: 051539-011A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010612A** BatchID: **4553**				PrepDate: **6/12/01**		Analyst: **GG**
4,4'-DDD	ND	4.0		µg/Kg	1.0	6/14/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/14/01
4,4'-DDT	4.2	4.0		µg/Kg	1.0	6/14/01
Aldrin	ND	2.0		µg/Kg	1.0	6/14/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/14/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/14/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/14/01
Chlordane	ND	17		µg/Kg	1.0	6/14/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/14/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/14/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/14/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/14/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/14/01
Endrin	ND	4.0		µg/Kg	1.0	6/14/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/14/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/14/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/14/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/14/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/14/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/14/01
Methoxychlor	ND	17		µg/Kg	1.0	6/14/01
Toxaphene	ND	170		µg/Kg	1.0	6/14/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC10_010612A** BatchID: **4553**				PrepDate: **6/12/01**		Analyst: **GG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/14/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/14/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: PB

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT2-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-012A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010612A** BatchID: **4553**				PrepDate: **6/12/01**		Analyst: **GG**
4,4'-DDD	6.8	4.0		µg/Kg	1.0	6/14/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/14/01
4,4'-DDT	20	4.0		µg/Kg	1.0	6/14/01
Aldrin	ND	2.0		µg/Kg	1.0	6/14/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/14/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/14/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/14/01
Chlordane	ND	17		µg/Kg	1.0	6/14/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/14/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/14/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/14/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/14/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/14/01
Endrin	ND	4.0		µg/Kg	1.0	6/14/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/14/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/14/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/14/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/14/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/14/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/14/01
Methoxychlor	ND	17		µg/Kg	1.0	6/14/01
Toxaphene	ND	170		µg/Kg	1.0	6/14/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC10_010612A** BatchID: **4553**				PrepDate: **6/12/01**		Analyst: **GG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/14/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1260	77	33		µg/Kg	1.0	6/14/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/14/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: (B

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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT2-0.9
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-013A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010612A** BatchID: **4553**				PrepDate: **6/12/01**		Analyst: **GG**
4,4'-DDD	6.2	4.0		µg/Kg	1.0	6/14/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/14/01
4,4'-DDT	16	4.0		µg/Kg	1.0	6/14/01
Aldrin	ND	2.0		µg/Kg	1.0	6/14/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/14/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/14/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/14/01
Chlordane	ND	17		µg/Kg	1.0	6/14/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/14/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/14/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/14/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/14/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/14/01
Endrin	ND	4.0		µg/Kg	1.0	6/14/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/14/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/14/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/14/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/14/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/14/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/14/01
Methoxychlor	ND	17		µg/Kg	1.0	6/14/01
Toxaphene	ND	170		µg/Kg	1.0	6/14/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC10_010612A** BatchID: **4553**				PrepDate: **6/12/01**		Analyst: **GG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/14/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1260	47	33		µg/Kg	1.0	6/14/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/14/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: PB

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT4-0
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-018A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010612A** BatchID: **4553**				PrepDate: **6/12/01**		Analyst: **GG**
4,4'-DDD	ND	4.0		µg/Kg	1.0	6/14/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/14/01
4,4'-DDT	ND	4.0		µg/Kg	1.0	6/14/01
Aldrin	ND	2.0		µg/Kg	1.0	6/14/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/14/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/14/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/14/01
Chlordane	ND	17		µg/Kg	1.0	6/14/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/14/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/14/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/14/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/14/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/14/01
Endrin	ND	4.0		µg/Kg	1.0	6/14/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/14/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/14/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/14/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/14/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/14/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/14/01
Methoxychlor	ND	17		µg/Kg	1.0	6/14/01
Toxaphene	ND	170		µg/Kg	1.0	6/14/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC10_010612A** BatchID: **4553**				PrepDate: **6/12/01**		Analyst: **GG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/14/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/14/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT4-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-019A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010612A** BatchID: **4553**				PrepDate: **6/12/01**		Analyst: **GG**
4,4'-DDD	ND	4.0		µg/Kg	1.0	6/14/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/14/01
4,4'-DDT	4.0	4.0		µg/Kg	1.0	6/14/01
Aldrin	ND	2.0		µg/Kg	1.0	6/14/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/14/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/14/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/14/01
Chlordane	ND	17		µg/Kg	1.0	6/14/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/14/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/14/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/14/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/14/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/14/01
Endrin	ND	4.0		µg/Kg	1.0	6/14/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/14/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/14/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/14/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/14/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/14/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/14/01
Methoxychlor	ND	17		µg/Kg	1.0	6/14/01
Toxaphene	ND	170		µg/Kg	1.0	6/14/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC10_010612A** BatchID: **4553**				PrepDate: **6/12/01**		Analyst: **GG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/14/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/14/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/14/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: DO

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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT4-0.9
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-020A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010612A** BatchID: **4553**				PrepDate: **6/12/01**		Analyst: **GG**
4,4´-DDD	ND	4.0		µg/Kg	1.0	6/13/01
4,4´-DDE	ND	4.0		µg/Kg	1.0	6/13/01
4,4´-DDT	ND	4.0		µg/Kg	1.0	6/13/01
Aldrin	ND	2.0		µg/Kg	1.0	6/13/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/13/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/13/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/13/01
Chlordane	ND	17		µg/Kg	1.0	6/13/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/13/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/13/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/13/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/13/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/13/01
Endrin	ND	4.0		µg/Kg	1.0	6/13/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/13/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/13/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/13/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/13/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/13/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/13/01
Methoxychlor	ND	17		µg/Kg	1.0	6/13/01
Toxaphene	ND	170		µg/Kg	1.0	6/13/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC10_010612A** BatchID: **4553**				PrepDate: **6/12/01**		Analyst: **GG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/13/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/13/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/13/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/13/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/13/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/13/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/13/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/13/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: B

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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT6-0
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-024A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010612A** BatchID: **4553**				PrepDate: **6/12/01**		Analyst: **GG**
4,4'-DDD	28	20		µg/Kg	5.0	6/14/01
4,4'-DDE	ND	20		µg/Kg	5.0	6/14/01
4,4'-DDT	120	20		µg/Kg	5.0	6/14/01
Aldrin	ND	10		µg/Kg	5.0	6/14/01
alpha-BHC	ND	10		µg/Kg	5.0	6/14/01
alpha-Chlordane	ND	20		µg/Kg	5.0	6/14/01
beta-BHC	ND	10		µg/Kg	5.0	6/14/01
Chlordane	ND	85		µg/Kg	5.0	6/14/01
delta-BHC	ND	10		µg/Kg	5.0	6/14/01
Dieldrin	ND	20		µg/Kg	5.0	6/14/01
Endosulfan I	ND	10		µg/Kg	5.0	6/14/01
Endosulfan II	ND	20		µg/Kg	5.0	6/14/01
Endosulfan sulfate	ND	20		µg/Kg	5.0	6/14/01
Endrin	ND	20		µg/Kg	5.0	6/14/01
Endrin aldehyde	ND	20		µg/Kg	5.0	6/14/01
Endrin ketone	ND	20		µg/Kg	5.0	6/14/01
gamma-BHC	ND	10		µg/Kg	5.0	6/14/01
gamma-Chlordane	ND	20		µg/Kg	5.0	6/14/01
Heptachlor	ND	10		µg/Kg	5.0	6/14/01
Heptachlor epoxide	ND	10		µg/Kg	5.0	6/14/01
Methoxychlor	ND	85		µg/Kg	5.0	6/14/01
Toxaphene	ND	850		µg/Kg	5.0	6/14/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC10_010612A** BatchID: **4553**				PrepDate: **6/12/01**		Analyst: **GG**
Aroclor 1016	ND	160		µg/Kg	5.0	6/14/01
Aroclor 1221	ND	340		µg/Kg	5.0	6/14/01
Aroclor 1232	ND	160		µg/Kg	5.0	6/14/01
Aroclor 1242	ND	160		µg/Kg	5.0	6/14/01
Aroclor 1248	ND	160		µg/Kg	5.0	6/14/01
Aroclor 1254	ND	160		µg/Kg	5.0	6/14/01
Aroclor 1260	ND	160		µg/Kg	5.0	6/14/01
Aroclor 1262	ND	160		µg/Kg	5.0	6/14/01
Aroclor 1268	ND	160		µg/Kg	5.0	6/14/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT6-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-025A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010612A** BatchID: **4554**				PrepDate: **6/12/01**		Analyst: **GG**
4,4'-DDD	ND	80		µg/Kg	20	6/13/01
4,4'-DDE	ND	80		µg/Kg	20	6/13/01
4,4'-DDT	ND	80		µg/Kg	20	6/13/01
Aldrin	ND	40		µg/Kg	20	6/13/01
alpha-BHC	ND	40		µg/Kg	20	6/13/01
alpha-Chlordane	ND	80		µg/Kg	20	6/13/01
beta-BHC	ND	40		µg/Kg	20	6/13/01
Chlordane	ND	340		µg/Kg	20	6/13/01
delta-BHC	ND	40		µg/Kg	20	6/13/01
Dieldrin	ND	80		µg/Kg	20	6/13/01
Endosulfan I	ND	40		µg/Kg	20	6/13/01
Endosulfan II	ND	80		µg/Kg	20	6/13/01
Endosulfan sulfate	ND	80		µg/Kg	20	6/13/01
Endrin	ND	80		µg/Kg	20	6/13/01
Endrin aldehyde	ND	80		µg/Kg	20	6/13/01
Endrin ketone	ND	80		µg/Kg	20	6/13/01
gamma-BHC	ND	40		µg/Kg	20	6/13/01
gamma-Chlordane	ND	80		µg/Kg	20	6/13/01
Heptachlor	ND	40		µg/Kg	20	6/13/01
Heptachlor epoxide	ND	40		µg/Kg	20	6/13/01
Methoxychlor	ND	340		µg/Kg	20	6/13/01
Toxaphene	ND	3400		µg/Kg	20	6/13/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010612A** BatchID: **4554**				PrepDate: **6/12/01**		Analyst: **GG**
Aroclor 1016	ND	660		µg/Kg	20	6/13/01
Aroclor 1221	ND	1300		µg/Kg	20	6/13/01
Aroclor 1232	ND	660		µg/Kg	20	6/13/01
Aroclor 1242	ND	660		µg/Kg	20	6/13/01
Aroclor 1248	ND	660		µg/Kg	20	6/13/01
Aroclor 1254	ND	660		µg/Kg	20	6/13/01
Aroclor 1260	ND	660		µg/Kg	20	6/13/01
Aroclor 1262	ND	660		µg/Kg	20	6/13/01
Aroclor 1268	ND	660		µg/Kg	20	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/18/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT14-0
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-031A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010612A** BatchID: **4554**				PrepDate: **6/12/01**		Analyst: **GG**
4,4'-DDD	ND	20		µg/Kg	5.0	6/12/01
4,4'-DDE	ND	20		µg/Kg	5.0	6/12/01
4,4'-DDT	ND	20		µg/Kg	5.0	6/12/01
Aldrin	ND	10		µg/Kg	5.0	6/12/01
alpha-BHC	ND	10		µg/Kg	5.0	6/12/01
alpha-Chlordane	ND	20		µg/Kg	5.0	6/12/01
beta-BHC	ND	10		µg/Kg	5.0	6/12/01
Chlordane	ND	85		µg/Kg	5.0	6/12/01
delta-BHC	ND	10		µg/Kg	5.0	6/12/01
Dieldrin	ND	20		µg/Kg	5.0	6/12/01
Endosulfan I	ND	10		µg/Kg	5.0	6/12/01
Endosulfan II	ND	20		µg/Kg	5.0	6/12/01
Endosulfan sulfate	ND	20		µg/Kg	5.0	6/12/01
Endrin	ND	20		µg/Kg	5.0	6/12/01
Endrin aldehyde	ND	20		µg/Kg	5.0	6/12/01
Endrin ketone	ND	20		µg/Kg	5.0	6/12/01
gamma-BHC	ND	10		µg/Kg	5.0	6/12/01
gamma-Chlordane	ND	20		µg/Kg	5.0	6/12/01
Heptachlor	ND	10		µg/Kg	5.0	6/12/01
Heptachlor epoxide	ND	10		µg/Kg	5.0	6/12/01
Methoxychlor	ND	85		µg/Kg	5.0	6/12/01
Toxaphene	ND	850		µg/Kg	5.0	6/12/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010612A** BatchID: **4554**				PrepDate: **6/12/01**		Analyst: **GG**
Aroclor 1016	ND	160		µg/Kg	5.0	6/12/01
Aroclor 1221	ND	340		µg/Kg	5.0	6/12/01
Aroclor 1232	ND	160		µg/Kg	5.0	6/12/01
Aroclor 1242	ND	160		µg/Kg	5.0	6/12/01
Aroclor 1248	ND	160		µg/Kg	5.0	6/12/01
Aroclor 1254	ND	160		µg/Kg	5.0	6/12/01
Aroclor 1260	ND	160		µg/Kg	5.0	6/12/01
Aroclor 1262	ND	160		µg/Kg	5.0	6/12/01
Aroclor 1268	ND	160		µg/Kg	5.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/18/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT14-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-032A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010612A** BatchID: **4554**				PrepDate: **6/12/01**		Analyst: **GG**
4,4'-DDD	ND	20		µg/Kg	5.0	6/12/01
4,4'-DDE	ND	20		µg/Kg	5.0	6/12/01
4,4'-DDT	ND	20		µg/Kg	5.0	6/12/01
Aldrin	ND	10		µg/Kg	5.0	6/12/01
alpha-BHC	ND	10		µg/Kg	5.0	6/12/01
alpha-Chlordane	ND	20		µg/Kg	5.0	6/12/01
beta-BHC	ND	10		µg/Kg	5.0	6/12/01
Chlordane	ND	85		µg/Kg	5.0	6/12/01
delta-BHC	ND	10		µg/Kg	5.0	6/12/01
Dieldrin	ND	20		µg/Kg	5.0	6/12/01
Endosulfan I	ND	10		µg/Kg	5.0	6/12/01
Endosulfan II	ND	20		µg/Kg	5.0	6/12/01
Endosulfan sulfate	ND	20		µg/Kg	5.0	6/12/01
Endrin	ND	20		µg/Kg	5.0	6/12/01
Endrin aldehyde	ND	20		µg/Kg	5.0	6/12/01
Endrin ketone	ND	20		µg/Kg	5.0	6/12/01
gamma-BHC	ND	10		µg/Kg	5.0	6/12/01
gamma-Chlordane	ND	20		µg/Kg	5.0	6/12/01
Heptachlor	ND	10		µg/Kg	5.0	6/12/01
Heptachlor epoxide	ND	10		µg/Kg	5.0	6/12/01
Methoxychlor	ND	85		µg/Kg	5.0	6/12/01
Toxaphene	ND	850		µg/Kg	5.0	6/12/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010612A** BatchID: **4554**				PrepDate: **6/12/01**		Analyst: **GG**
Aroclor 1016	ND	160		µg/Kg	5.0	6/12/01
Aroclor 1221	ND	340		µg/Kg	5.0	6/12/01
Aroclor 1232	ND	160		µg/Kg	5.0	6/12/01
Aroclor 1242	ND	160		µg/Kg	5.0	6/12/01
Aroclor 1248	ND	160		µg/Kg	5.0	6/12/01
Aroclor 1254	ND	160		µg/Kg	5.0	6/12/01
Aroclor 1260	ND	160		µg/Kg	5.0	6/12/01
Aroclor 1262	ND	160		µg/Kg	5.0	6/12/01
Aroclor 1268	ND	160		µg/Kg	5.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: B

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3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/18/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT14-0.9
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-033A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010612A** BatchID: **4554**				PrepDate: **6/12/01**		Analyst: **GG**
4,4'-DDD	ND	4.0		µg/Kg	1.0	6/12/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/12/01
4,4'-DDT	ND	4.0		µg/Kg	1.0	6/12/01
Aldrin	ND	2.0		µg/Kg	1.0	6/12/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/12/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/12/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/12/01
Chlordane	ND	17		µg/Kg	1.0	6/12/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/12/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/12/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/12/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/12/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/12/01
Endrin	ND	4.0		µg/Kg	1.0	6/12/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/12/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/12/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/12/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/12/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/12/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/12/01
Methoxychlor	ND	17		µg/Kg	1.0	6/12/01
Toxaphene	ND	170		µg/Kg	1.0	6/12/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010612A** BatchID: **4554**				PrepDate: **6/12/01**		Analyst: **GG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/12/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/12/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/12/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/12/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/12/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/12/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/12/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/12/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/18/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT14-1.5
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-034A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010612A** BatchID: **4554**				PrepDate: **6/12/01**		Analyst: **GG**
4,4´-DDD	ND	4.0		µg/Kg	1.0	6/12/01
4,4´-DDE	ND	4.0		µg/Kg	1.0	6/12/01
4,4´-DDT	ND	4.0		µg/Kg	1.0	6/12/01
Aldrin	ND	2.0		µg/Kg	1.0	6/12/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/12/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/12/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/12/01
Chlordane	ND	17		µg/Kg	1.0	6/12/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/12/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/12/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/12/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/12/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/12/01
Endrin	ND	4.0		µg/Kg	1.0	6/12/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/12/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/12/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/12/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/12/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/12/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/12/01
Methoxychlor	ND	17		µg/Kg	1.0	6/12/01
Toxaphene	ND	170		µg/Kg	1.0	6/12/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010612A** BatchID: **4554**				PrepDate: **6/12/01**		Analyst: **GG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/12/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/12/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/12/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/12/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/12/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/12/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/12/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/12/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS2-0
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-004A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010612A**	BatchID: **P01VOCS088**			PrepDate:		Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/12/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/12/01
Benzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Bromoform	ND	5.0		µg/Kg	1.0	6/12/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/12/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/12/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/12/01
Chloroform	ND	5.0		µg/Kg	1.0	6/12/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS2-0
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-004A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010612A**	BatchID: **P01VOCS088**			PrepDate:		Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/12/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/12/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/12/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Styrene	ND	5.0		µg/Kg	1.0	6/12/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Toluene	ND	5.0		µg/Kg	1.0	6/12/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS2-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-005A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010611B** BatchID: **P01VOCS087**			PrepDate:			Analyst: **JK**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/12/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/12/01
Benzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Bromoform	ND	5.0		µg/Kg	1.0	6/12/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/12/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/12/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/12/01
Chloroform	ND	5.0		µg/Kg	1.0	6/12/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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DO - Surrogate Diluted Out
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Initials: _____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS2-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-005A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010611B**	BatchID: **P01VOCS087**			PrepDate:		Analyst: **JK**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/12/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/12/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/12/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Styrene	ND	5.0		µg/Kg	1.0	6/12/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Toluene	ND	5.0		µg/Kg	1.0	6/12/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
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Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS2-0.9
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-006A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010611B**	BatchID: **P01VOCS087**			PrepDate:		Analyst: **JK**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/12/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/12/01
Benzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Bromoform	ND	5.0		µg/Kg	1.0	6/12/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/12/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/12/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/12/01
Chloroform	ND	5.0		µg/Kg	1.0	6/12/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS2-0.9
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-006A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010611B**	BatchID: **P01VOCS087**			PrepDate:		Analyst: **JK**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/12/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/12/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/12/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Styrene	ND	5.0		µg/Kg	1.0	6/12/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Toluene	ND	5.0		µg/Kg	1.0	6/12/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT2-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-012A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010612A**	BatchID: **P01VOCS088**			PrepDate:		Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/12/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/12/01
Benzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Bromoform	ND	5.0		µg/Kg	1.0	6/12/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/12/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/12/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/12/01
Chloroform	ND	5.0		µg/Kg	1.0	6/12/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT2-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-012A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010612A**	BatchID: **P01VOCS088**			PrepDate:		Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/12/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/12/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/12/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Styrene	ND	5.0		µg/Kg	1.0	6/12/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Toluene	ND	5.0		µg/Kg	1.0	6/12/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ___

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT2-0.9
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-013A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010611B**	BatchID: **P01VOCS087**		PrepDate:			Analyst: **JK**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/12/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/12/01
Benzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Bromoform	ND	5.0		µg/Kg	1.0	6/12/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/12/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/12/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/12/01
Chloroform	ND	5.0		µg/Kg	1.0	6/12/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT2-0.9
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-013A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010611B** BatchID: **P01VOCS087**			PrepDate:			Analyst: **JK**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/12/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/12/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/12/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Styrene	ND	5.0		µg/Kg	1.0	6/12/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Toluene	ND	5.0		µg/Kg	1.0	6/12/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT4-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-019A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010611B** BatchID: **P01VOCS087** PrepDate: Analyst: **JK**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/12/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/12/01
Benzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Bromoform	ND	5.0		µg/Kg	1.0	6/12/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/12/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/12/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/12/01
Chloroform	ND	5.0		µg/Kg	1.0	6/12/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT4-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-019A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010611B**	BatchID: **P01VOCS087**			PrepDate:		Analyst: **JK**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/12/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/12/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/12/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Styrene	ND	5.0		µg/Kg	1.0	6/12/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Toluene	ND	5.0		µg/Kg	1.0	6/12/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT6-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-025A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010612A**	BatchID: **P01VOCS088**			PrepDate:		Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/12/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/12/01
Benzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Bromoform	ND	5.0		µg/Kg	1.0	6/12/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/12/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/12/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/12/01
Chloroform	ND	5.0		µg/Kg	1.0	6/12/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: (B)

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT6-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-025A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010612A**	BatchID: **P01VOCS088**			PrepDate:		Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/12/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/12/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/12/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Styrene	ND	5.0		µg/Kg	1.0	6/12/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Toluene	ND	5.0		µg/Kg	1.0	6/12/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ___

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT14-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-032A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010612A** BatchID: **P01VOCS088**			PrepDate:			Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/12/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/12/01
Benzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Bromoform	ND	5.0		µg/Kg	1.0	6/12/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/12/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/12/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/12/01
Chloroform	ND	5.0		µg/Kg	1.0	6/12/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT14-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-032A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010612A**	BatchID: **P01VOCS088**			PrepDate:		Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/12/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/12/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/12/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Styrene	ND	5.0		µg/Kg	1.0	6/12/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Toluene	ND	5.0		µg/Kg	1.0	6/12/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT14-0.9
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-033A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010611B**	BatchID: **P01VOCS087**			PrepDate:		Analyst: **JK**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/12/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/12/01
Benzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Bromoform	ND	5.0		µg/Kg	1.0	6/12/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/12/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/12/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/12/01
Chloroform	ND	5.0		µg/Kg	1.0	6/12/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ___

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT14-0.9
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-033A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010611B**	BatchID: **P01VOCS087**			PrepDate:		Analyst: **JK**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/12/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/12/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/12/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Styrene	ND	5.0		µg/Kg	1.0	6/12/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Toluene	ND	5.0		µg/Kg	1.0	6/12/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT: Geocon Environmental
Client Sample ID: UT14-1.5
Lab Order: 051539
Project: Oakland Mole - E8000-06-13
Collection Date: 6/7/01
Lab ID: 051539-034A
Matrix: Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010611B** BatchID: **P01VOCS087** PrepDate: Analyst: **JK**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/12/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/12/01
Benzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Bromoform	ND	5.0		µg/Kg	1.0	6/12/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/12/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/12/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/12/01
Chloroform	ND	5.0		µg/Kg	1.0	6/12/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: [illegible]

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT14-1.5
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-034A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010611B**	BatchID: **P01VOCS087**			PrepDate:		Analyst: **JK**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/12/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/12/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/12/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Styrene	ND	5.0		µg/Kg	1.0	6/12/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Toluene	ND	5.0		µg/Kg	1.0	6/12/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS2-0
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-004A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010612B** BatchID: **4555**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	120	10		mg/Kg	10	6/12/01
Motor Oil	390	10		mg/Kg	10	6/12/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010611B** BatchID: **E018G20S122**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/11/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS2-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-005A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010612B** BatchID: **4555**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	200	10		mg/Kg	10	6/12/01
Motor Oil	680	10		mg/Kg	10	6/12/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010611B** BatchID: **E018G20S122**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS2-0.9
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-006A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010612B** BatchID: **4555**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	180	20		mg/Kg	20	6/12/01
Motor Oil	680	20		mg/Kg	20	6/12/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010611B** BatchID: **E018G20S122**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT2-0
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-011A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010612B** BatchID: **4555**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	56	2.0		mg/Kg	2.0	6/12/01
Motor Oil	99	2.0		mg/Kg	2.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT2-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-012A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010612B** BatchID: **4555**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	29	1.0		mg/Kg	1.0	6/12/01
Motor Oil	38	1.0		mg/Kg	1.0	6/12/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010612B** BatchID: **E018G20S124**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT2-0.9
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-013A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010612B** BatchID: **4555**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	84	2.0		mg/Kg	2.0	6/12/01
Motor Oil	130	2.0		mg/Kg	2.0	6/12/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010611B** BatchID: **E018G20S122**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT4-0
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-018A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010612B**	BatchID: **4555**			PrepDate: **6/12/01**		Analyst: **AP**
Diesel	130	10		mg/Kg	10	6/12/01
Motor Oil	320	10		mg/Kg	10	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT4-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-019A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010612B** BatchID: **4555**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	110	5.0		mg/Kg	5.0	6/12/01
Motor Oil	130	5.0		mg/Kg	5.0	6/12/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010611B** BatchID: **E018G20S122**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
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Initials: _____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT4-0.9
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-020A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010612B** BatchID: **4555**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	18	2.0		mg/Kg	2.0	6/12/01
Motor Oil	44	2.0		mg/Kg	2.0	6/12/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010611B** BatchID: **E018G20S122**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

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DO - Surrogate Diluted Out
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Initials:

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT6-0
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-024A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010612B**	BatchID: **4555**			PrepDate: **6/12/01**		Analyst: **AP**
Diesel	170	20		mg/Kg	20	6/12/01
Motor Oil	590	20		mg/Kg	20	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT6-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-025A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010612A** BatchID: **4556**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	340	40		mg/Kg	40	6/13/01
Motor Oil	1100	40		mg/Kg	40	6/13/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010611B** BatchID: **E018G20S122**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT14-0
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-031A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010612A** BatchID: **4556**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	6.9	1.0		mg/Kg	1.0	6/13/01
Motor Oil	18	1.0		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT14-0.3
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-032A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010612A** BatchID: **4556**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	26	2.0		mg/Kg	2.0	6/13/01
Motor Oil	89	2.0		mg/Kg	2.0	6/13/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010611B** BatchID: **E018G20S122**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT14-0.9
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-033A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010612A** BatchID: **4556**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	3.2	1.0		mg/Kg	1.0	6/13/01
Motor Oil	9.7	1.0		mg/Kg	1.0	6/13/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010612A** BatchID: **E018G20S123**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT14-1.5
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-034A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010612A** BatchID: **4556**				PrepDate: **6/12/01**		Analyst: **AP**
Diesel	1.5	1.0		mg/Kg	1.0	6/13/01
Motor Oil	3.8	1.0		mg/Kg	1.0	6/13/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010612B** BatchID: **E018G20S124**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: (B)

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Advanced Technology Laboratories
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Advanced Technology Laboratories

Date: *15-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4556** Batch ID: **4556** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
MBLK SeqNo: **147607**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0		0				0			
Motor Oil	ND	1.0		0				0			

Sample ID **MB-4555** Batch ID: **4555** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
MBLK SeqNo: **147632**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0		0				0			
Motor Oil	ND	1.0		0				0			

Sample ID **010611BLKS2** Batch ID: **E018G20S122** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date:
MBLK SeqNo: **147079**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0		0				0			

Sample ID **010612BLKS1** Batch ID: **E018G20S123** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date:
MBLK SeqNo: **147369**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **010612BLKS2** Batch ID: **E018G20S124** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date:

MBLK SeqNo: **147541**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4554** Batch ID: **4554** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**

MBLK SeqNo: **147684**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	4.0		0				0			
4,4´-DDE	ND	4.0		0				0			
4,4´-DDT	ND	4.0		0				0			
Aldrin	ND	2.0		0				0			
alpha-BHC	ND	2.0		0				0			
alpha-Chlordane	ND	4.0		0				0			
beta-BHC	ND	2.0		0				0			
Chlordane	ND	17		0				0			
delta-BHC	ND	2.0		0				0			
Dieldrin	ND	4.0		0				0			
Endosulfan I	ND	2.0		0				0			
Endosulfan II	ND	4.0		0				0			
Endosulfan sulfate	ND	4.0		0				0			
Endrin	ND	4.0		0				0			
Endrin aldehyde	ND	4.0		0				0			
Endrin ketone	ND	4.0		0				0			
gamma-BHC	ND	2.0		0				0			
gamma-Chlordane	ND	4.0		0				0			
Heptachlor	ND	2.0		0				0			
Heptachlor epoxide	ND	2.0		0				0			
Methoxychlor	ND	17		0				0			
Toxaphene	ND	170		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4553** Batch ID: **4553** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**

MBLK SeqNo: **148128**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	4.0		0				0			
4,4'-DDE	ND	4.0		0				0			
4,4'-DDT	ND	4.0		0				0			
Aldrin	ND	2.0		0				0			
alpha-BHC	ND	2.0		0				0			
alpha-Chlordane	ND	4.0		0				0			
beta-BHC	ND	2.0		0				0			
Chlordane	ND	17		0				0			
delta-BHC	ND	2.0		0				0			
Dieldrin	ND	4.0		0				0			
Endosulfan I	ND	2.0		0				0			
Endosulfan II	ND	4.0		0				0			
Endosulfan sulfate	ND	4.0		0				0			
Endrin	ND	4.0		0				0			
Endrin aldehyde	ND	4.0		0				0			
Endrin ketone	ND	4.0		0				0			
gamma-BHC	ND	2.0		0				0			
gamma-Chlordane	ND	4.0		0				0			
Heptachlor	ND	2.0		0				0			
Heptachlor epoxide	ND	2.0		0				0			
Methoxychlor	ND	17		0				0			
Toxaphene	ND	170		0				0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Method Blank

Sample ID **MB-4553** Batch ID: **4553** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date: **6/12/01**

MBLK SeqNo: **148177**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	4.0		0				0			
4,4'-DDE	ND	4.0		0				0			
4,4'-DDT	ND	4.0		0				0			
Aldrin	ND	2.0		0				0			
alpha-BHC	ND	2.0		0				0			
alpha-Chlordane	ND	4.0		0				0			
beta-BHC	ND	2.0		0				0			
Chlordane	ND	17		0				0			
delta-BHC	ND	2.0		0				0			
Dieldrin	ND	4.0		0				0			
Endosulfan I	ND	2.0		0				0			
Endosulfan II	ND	4.0		0				0			
Endosulfan sulfate	ND	4.0		0				0			
Endrin	ND	4.0		0				0			
Endrin aldehyde	ND	4.0		0				0			
Endrin ketone	ND	4.0		0				0			
gamma-BHC	ND	2.0		0				0			
gamma-Chlordane	ND	4.0		0				0			
Heptachlor	ND	2.0		0				0			
Heptachlor epoxide	ND	2.0		0				0			
Methoxychlor	ND	17		0				0			
Toxaphene	ND	170		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4554** Batch ID: **4554** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
MBLK SeqNo: **147719**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33		0				0			
Aroclor 1221	ND	67		0				0			
Aroclor 1232	ND	33		0				0			
Aroclor 1242	ND	33		0				0			
Aroclor 1248	ND	33		0				0			
Aroclor 1254	ND	33		0				0			
Aroclor 1260	ND	33		0				0			
Aroclor 1262	ND	33		0				0			
Aroclor 1268	ND	33		0				0			

Sample ID **MB-4553** Batch ID: **4553** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
MBLK SeqNo: **148246**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33		0				0			
Aroclor 1221	ND	67		0				0			
Aroclor 1232	ND	33		0				0			
Aroclor 1242	ND	33		0				0			
Aroclor 1248	ND	33		0				0			
Aroclor 1254	ND	33		0				0			
Aroclor 1260	ND	33		0				0			
Aroclor 1262	ND	33		0				0			
Aroclor 1268	ND	33		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4553** Batch ID: **4553** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date: **6/12/01**

MBLK SeqNo: **148265**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33		0				0			
Aroclor 1221	ND	67		0				0			
Aroclor 1232	ND	33		0				0			
Aroclor 1242	ND	33		0				0			
Aroclor 1248	ND	33		0				0			
Aroclor 1254	ND	33		0				0			
Aroclor 1260	ND	33		0				0			
Aroclor 1262	ND	33		0				0			
Aroclor 1268	ND	33		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **010611BLKS2** Batch ID: **P01VOCS087** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/11/01** Prep Date:

MBLK SeqNo: **147152**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0		0				0			
1,1,1-Trichloroethane	ND	5.0		0				0			
1,1,2,2-Tetrachloroethane	ND	5.0		0				0			
1,1,2-Trichloroethane	ND	5.0		0				0			
1,1-Dichloroethane	ND	5.0		0				0			
1,1-Dichloroethene	ND	5.0		0				0			
1,1-Dichloropropene	ND	5.0		0				0			
1,2,3-Trichlorobenzene	ND	5.0		0				0			
1,2,3-Trichloropropane	ND	5.0		0				0			
1,2,4-Trichlorobenzene	ND	5.0		0				0			
1,2,4-Trimethylbenzene	ND	5.0		0				0			
1,2-Dibromo-3-chloropropane	ND	10		0				0			
1,2-Dibromoethane	ND	5.0		0				0			
1,2-Dichlorobenzene	ND	5.0		0				0			
1,2-Dichloroethane	ND	5.0		0				0			
1,2-Dichloropropane	ND	5.0		0				0			
1,3,5-Trimethylbenzene	ND	5.0		0				0			
1,3-Dichlorobenzene	ND	5.0		0				0			
1,3-Dichloropropane	ND	5.0		0				0			
1,4-Dichlorobenzene	ND	5.0		0				0			
2,2-Dichloropropane	ND	5.0		0				0			
2-Chlorotoluene	ND	5.0		0				0			
4-Chlorotoluene	ND	5.0		0				0			
4-Isopropyltoluene	ND	5.0		0				0			
Benzene	ND	5.0		0				0			
Bromobenzene	ND	5.0		0				0			
Bromodichloromethane	ND	5.0		0				0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Method Blank

Bromoform	ND	5.0	0	0
Bromomethane	ND	5.0	0	0
Carbon tetrachloride	ND	5.0	0	0
Chlorobenzene	ND	5.0	0	0
Chloroethane	ND	5.0	0	0
Chloroform	ND	5.0	0	0
Chloromethane	ND	5.0	0	0
cis-1,2-Dichloroethene	ND	5.0	0	0
cis-1,3-Dichloropropene	ND	5.0	0	0
Dibromochloromethane	ND	5.0	0	0
Dibromomethane	ND	5.0	0	0
Dichlorodifluoromethane	ND	5.0	0	0
Ethylbenzene	ND	5.0	0	0
Hexachlorobutadiene	ND	5.0	0	0
Isopropylbenzene	ND	5.0	0	0
m,p-Xylene	ND	5.0	0	0
Methylene chloride	ND	5.0	0	0
n-Butylbenzene	ND	5.0	0	0
n-Propylbenzene	ND	5.0	0	0
Naphthalene	ND	5.0	0	0
o-Xylene	ND	5.0	0	0
sec-Butylbenzene	ND	5.0	0	0
Styrene	ND	5.0	0	0
tert-Butylbenzene	ND	5.0	0	0
Tetrachloroethene	ND	5.0	0	0
Toluene	ND	5.0	0	0
trans-1,2-Dichloroethene	ND	5.0	0	0
Trichloroethene	ND	5.0	0	0
Trichlorofluoromethane	ND	5.0	0	0
Vinyl chloride	ND	5.0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank; M - Not Monitored. Highly Reactive; S - Spike/Surrogate outside of limits due to matrix interference; DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **010612BLKS1** Batch ID: **P01VOCS088** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date:

MBLK SeqNo: **147427**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0		0				0			
1,1,1-Trichloroethane	ND	5.0		0				0			
1,1,2,2-Tetrachloroethane	ND	5.0		0				0			
1,1,2-Trichloroethane	ND	5.0		0				0			
1,1-Dichloroethane	ND	5.0		0				0			
1,1-Dichloroethene	ND	5.0		0				0			
1,1-Dichloropropene	ND	5.0		0				0			
1,2,3-Trichlorobenzene	ND	5.0		0				0			
1,2,3-Trichloropropane	ND	5.0		0				0			
1,2,4-Trichlorobenzene	ND	5.0		0				0			
1,2,4-Trimethylbenzene	ND	5.0		0				0			
1,2-Dibromo-3-chloropropane	ND	10		0				0			
1,2-Dibromoethane	ND	5.0		0				0			
1,2-Dichlorobenzene	ND	5.0		0				0			
1,2-Dichloroethane	ND	5.0		0				0			
1,2-Dichloropropane	ND	5.0		0				0			
1,3,5-Trimethylbenzene	ND	5.0		0				0			
1,3-Dichlorobenzene	ND	5.0		0				0			
1,3-Dichloropropane	ND	5.0		0				0			
1,4-Dichlorobenzene	ND	5.0		0				0			
2,2-Dichloropropane	ND	5.0		0				0			
2-Chlorotoluene	ND	5.0		0				0			
4-Chlorotoluene	ND	5.0		0				0			
4-Isopropyltoluene	ND	5.0		0				0			
Benzene	ND	5.0		0				0			
Bromobenzene	ND	5.0		0				0			
Bromodichloromethane	ND	5.0		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Bromoform	ND	5.0	0	0
Bromomethane	ND	5.0	0	0
Carbon tetrachloride	ND	5.0	0	0
Chlorobenzene	ND	5.0	0	0
Chloroethane	ND	5.0	0	0
Chloroform	ND	5.0	0	0
Chloromethane	ND	5.0	0	0
cis-1,2-Dichloroethene	ND	5.0	0	0
cis-1,3-Dichloropropene	ND	5.0	0	0
Dibromochloromethane	ND	5.0	0	0
Dibromomethane	ND	5.0	0	0
Dichlorodifluoromethane	ND	5.0	0	0
Ethylbenzene	ND	5.0	0	0
Hexachlorobutadiene	ND	5.0	0	0
Isopropylbenzene	ND	5.0	0	0
m,p-Xylene	ND	5.0	0	0
Methylene chloride	ND	5.0	0	0
n-Butylbenzene	ND	5.0	0	0
n-Propylbenzene	ND	5.0	0	0
Naphthalene	ND	5.0	0	0
o-Xylene	ND	5.0	0	0
sec-Butylbenzene	ND	5.0	0	0
Styrene	ND	5.0	0	0
tert-Butylbenzene	ND	5.0	0	0
Tetrachloroethene	ND	5.0	0	0
Toluene	ND	5.0	0	0
trans-1,2-Dichloroethene	ND	5.0	0	0
Trichloroethene	ND	5.0	0	0
Trichlorofluoromethane	ND	5.0	0	0
Vinyl chloride	ND	5.0	0	0

Qualifiers:
ND - Not Detected at the Reporting Limit
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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Advanced Technology Laboratories

Date: *15-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051539-033A** Batch ID: **4556** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
DUP SeqNo: **147611**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	2.6	1.0	0	0	0	0	0	3.2	20	30	
Motor Oil	7.4	1.0	0	0	0	0	0	9.7	27	30	

Sample ID **051539-019A** Batch ID: **4555** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
DUP SeqNo: **147644**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	70	2.0	0	0	0	0	0	110	46	30	R
Motor Oil	88	2.0	0	0	0	0	0	130	38	30	R

Sample ID **051539-004ADU** Batch ID: **E018G20S122** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date:
DUP SeqNo: **147081**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

Sample ID **051539-033ADU** Batch ID: **E018G20S123** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date:
DUP SeqNo: **147371**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

Qualifiers:
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Initials: ____

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Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051578-020A** Batch ID: **4554** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**

DUP SeqNo: **147698**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	20	0	0	0	0	0	0	0	30	
4,4´-DDE	ND	20	0	0	0	0	0	0	0	30	
4,4´-DDT	10	20	0	0	0	0	0	0	200	30	JR
Aldrin	ND	10	0	0	0	0	0	0	0	30	
alpha-BHC	ND	10	0	0	0	0	0	0	0	30	
alpha-Chlordane	ND	20	0	0	0	0	0	0	0	30	
beta-BHC	ND	10	0	0	0	0	0	0	0	30	
Chlordane	ND	85	0	0	0	0	0	0	0	30	
delta-BHC	ND	10	0	0	0	0	0	0	0	30	
Dieldrin	ND	20	0	0	0	0	0	0	0	30	
Endosulfan I	ND	10	0	0	0	0	0	0	0	30	
Endosulfan II	ND	20	0	0	0	0	0	0	0	30	
Endosulfan sulfate	ND	20	0	0	0	0	0	0	0	30	
Endrin	ND	20	0	0	0	0	0	0	0	30	
Endrin aldehyde	ND	20	0	0	0	0	0	0	0	30	
Endrin ketone	ND	20	0	0	0	0	0	0	0	30	
gamma-BHC	ND	10	0	0	0	0	0	0	0	30	
gamma-Chlordane	ND	20	0	0	0	0	0	0	0	30	
Heptachlor	ND	10	0	0	0	0	0	0	0	30	
Heptachlor epoxide	ND	10	0	0	0	0	0	0	0	30	
Methoxychlor	ND	85	0	0	0	0	0	0	0	30	
Toxaphene	ND	850	0	0	0	0	0	0	0	30	

Qualifiers: ND - Not Detected at the Reporting Limit
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Initials: _____

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051539-018A** Batch ID: **4553** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date: **6/12/01**

DUP SeqNo: **148187**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	8.9	4.0	0	0	0	0	0	0	200	30	R
4,4'-DDE	26	4.0	0	0	0	0	0	0	200	30	R
4,4'-DDT	48	4.0	0	0	0	0	0	1.8	186	30	R
Aldrin	ND	2.0	0	0	0	0	0	0	0	30	
alpha-BHC	ND	2.0	0	0	0	0	0	0	0	30	
alpha-Chlordane	4.5	4.0	0	0	0	0	0	0	200	30	R
beta-BHC	ND	2.0	0	0	0	0	0	0	0	30	
Chlordane	43	17	0	0	0	0	0	0	200	30	R
delta-BHC	ND	2.0	0	0	0	0	0	0	0	30	
Dieldrin	ND	4.0	0	0	0	0	0	0	0	30	
Endosulfan I	ND	2.0	0	0	0	0	0	0	0	30	
Endosulfan II	ND	4.0	0	0	0	0	0	0	0	30	
Endosulfan sulfate	ND	4.0	0	0	0	0	0	0	0	30	
Endrin	ND	4.0	0	0	0	0	0	0	0	30	
Endrin aldehyde	ND	4.0	0	0	0	0	0	0	0	30	
Endrin ketone	ND	4.0	0	0	0	0	0	0	0	30	
gamma-BHC	ND	2.0	0	0	0	0	0	0	0	30	
gamma-Chlordane	6.6	4.0	0	0	0	0	0	0	200	30	R
Heptachlor	ND	2.0	0	0	0	0	0	0	0	30	
Heptachlor epoxide	ND	2.0	0	0	0	0	0	0	0	30	
Methoxychlor	ND	17	0	0	0	0	0	0	0	30	
Toxaphene	ND	170	0	0	0	0	0	0	0	30	

Qualifiers:
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DO - Surrogate Diluted Out

Initials: ____

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QC SUMMARY REPORT

Sample Duplicate

Sample ID **051578-020A** Batch ID: **4554** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**

DUP SeqNo: **147729**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	160	0	0	0	0	0	0	0	30	
Aroclor 1221	ND	340	0	0	0	0	0	0	0	30	
Aroclor 1232	ND	160	0	0	0	0	0	0	0	30	
Aroclor 1242	ND	160	0	0	0	0	0	0	0	30	
Aroclor 1248	ND	160	0	0	0	0	0	0	0	30	
Aroclor 1254	ND	160	0	0	0	0	0	0	0	30	
Aroclor 1260	60	160	0	0	0	0	0	0	200	30	JR
Aroclor 1262	ND	160	0	0	0	0	0	0	0	30	
Aroclor 1268	ND	160	0	0	0	0	0	0	0	30	

Sample ID **051539-018A** Batch ID: **4553** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date: **6/12/01**

DUP SeqNo: **148273**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1221	ND	67	0	0	0	0	0	0	0	30	
Aroclor 1232	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1242	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1248	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1254	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1260	190	33	0	0	0	0	0	16	169	30	R
Aroclor 1262	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1268	ND	33	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
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Initials: _____

All calculations are based on raw values.

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QC SUMMARY REPORT

Sample Duplicate

Sample ID **051539-004A** Batch ID: **P01VOCS087** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/11/01** Prep Date:

DUP SeqNo: **147166**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0			
1,1,1-Trichloroethane	ND	5.0	0	0	0	0	0	0			
1,1,2,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0			
1,1,2-Trichloroethane	ND	5.0	0	0	0	0	0	0			
1,1-Dichloroethane	ND	5.0	0	0	0	0	0	0			
1,1-Dichloroethene	ND	5.0	0	0	0	0	0	0			
1,1-Dichloropropene	ND	5.0	0	0	0	0	0	0			
1,2,3-Trichlorobenzene	ND	5.0	0	0	0	0	0	0			
1,2,3-Trichloropropane	ND	5.0	0	0	0	0	0	0			
1,2,4-Trichlorobenzene	ND	5.0	0	0	0	0	0	0			
1,2,4-Trimethylbenzene	ND	5.0	0	0	0	0	0	0			
1,2-Dibromo-3-chloropropane	ND	10	0	0	0	0	0	0			
1,2-Dibromoethane	ND	5.0	0	0	0	0	0	0			
1,2-Dichlorobenzene	ND	5.0	0	0	0	0	0	0			
1,2-Dichloroethane	ND	5.0	0	0	0	0	0	0			
1,2-Dichloropropane	ND	5.0	0	0	0	0	0	0			
1,3,5-Trimethylbenzene	ND	5.0	0	0	0	0	0	0			
1,3-Dichlorobenzene	ND	5.0	0	0	0	0	0	0			
1,3-Dichloropropane	ND	5.0	0	0	0	0	0	0			
1,4-Dichlorobenzene	ND	5.0	0	0	0	0	0	0			
2,2-Dichloropropane	ND	5.0	0	0	0	0	0	0			
2-Chlorotoluene	ND	5.0	0	0	0	0	0	0			
4-Chlorotoluene	ND	5.0	0	0	0	0	0	0			
4-Isopropyltoluene	ND	5.0	0	0	0	0	0	0			
Benzene	ND	5.0	0	0	0	0	0	0			
Bromobenzene	ND	5.0	0	0	0	0	0	0			
Bromodichloromethane	ND	5.0	0	0	0	0	0	0			

Qualifiers: ND - Not Detected at the Reporting Limit
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DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

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QC SUMMARY REPORT

Sample Duplicate

Bromoform	ND	5.0	0	0	0	0	0	0
Bromomethane	ND	5.0	0	0	0	0	0	0
Carbon tetrachloride	ND	5.0	0	0	0	0	0	0
Chlorobenzene	ND	5.0	0	0	0	0	0	0
Chloroethane	ND	5.0	0	0	0	0	0	0
Chloroform	ND	5.0	0	0	0	0	0	0
Chloromethane	ND	5.0	0	0	0	0	0	0
cis-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0
cis-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0
Dibromochloromethane	ND	5.0	0	0	0	0	0	0
Dibromomethane	ND	5.0	0	0	0	0	0	0
Dichlorodifluoromethane	ND	5.0	0	0	0	0	0	0
Ethylbenzene	ND	5.0	0	0	0	0	0	0
Hexachlorobutadiene	ND	5.0	0	0	0	0	0	0
Isopropylbenzene	ND	5.0	0	0	0	0	0	0
m,p-Xylene	ND	5.0	0	0	0	0	0	0
Methylene chloride	ND	5.0	0	0	0	0	0	0
n-Butylbenzene	ND	5.0	0	0	0	0	0	0
n-Propylbenzene	ND	5.0	0	0	0	0	0	0
Naphthalene	ND	5.0	0	0	0	0	0	0
o-Xylene	ND	5.0	0	0	0	0	0	0
sec-Butylbenzene	ND	5.0	0	0	0	0	0	0
Styrene	ND	5.0	0	0	0	0	0	0
tert-Butylbenzene	ND	5.0	0	0	0	0	0	0
Tetrachloroethene	ND	5.0	0	0	0	0	0	0
Toluene	ND	5.0	0	0	0	0	0	0
trans-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0
Trichloroethene	ND	5.0	0	0	0	0	0	0
Trichlorofluoromethane	ND	5.0	0	0	0	0	0	0
Vinyl chloride	ND	5.0	0	0	0	0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit
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Initials: ____

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Date: *15-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051539-034AMS** Batch ID: **4556** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
MS SeqNo: **147609**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	31	1.0	33	1.5	88	50	150	0			

Sample ID **051539-034AMS** Batch ID: **4556** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
MSD SeqNo: **147610**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	28	1.0	33	1.5	80	50	150	31	9	40	

Sample ID **051539-019AMS** Batch ID: **4555** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
MS SeqNo: **147645**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	100	2.0	33	110	-24	50	150	0			S

Sample ID **051539-019AMS** Batch ID: **4555** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
MSD SeqNo: **147646**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	140	2.0	33	110	97	50	150	100	31	40	

Sample ID **051539-004AMS** Batch ID: **E018G20S122** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date:
MS SeqNo: **147082**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	5	0	0	31	113	0			S

Qualifiers:
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID **051539-004AMS** Batch ID: **E018G20S122** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/11/01** Prep Date:
MSD SeqNo: **147083**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	5	0	0	31	113	0	0	25	S

Sample ID **051539-033AMS** Batch ID: **E018G20S123** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date:
MS SeqNo: **147372**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.7	1.0	5	0	74	31	113	0			

Sample ID **051539-033AMS** Batch ID: **E018G20S123** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date:
MSD SeqNo: **147373**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	1.3	1.0	5	0	25	31	113	3.7	96	25	SR

Sample ID **051539-031AMS** Batch ID: **4554** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
MS SeqNo: **147690**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	20	20	26.6	0	75	40	150	0			
Aldrin	10	10	13.3	0	75	40	150	0			
Dieldrin	ND	20	26.6	0	0	40	150	0			S
Endrin	ND	20	26.6	0	0	40	150	0			S
gamma-BHC	ND	10	13.3	0	0	40	150	0			S
Heptachlor	10	10	13.3	0	71	40	150	0			J

Qualifiers:
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Initials: _____

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID **051539-031AMS** Batch ID: **4554** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**

MSD SeqNo: **147691**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	46	20	26.6	0	173	40	150	20	78	50	SR
Aldrin	12	10	13.3	0	90	40	150	10	14	50	
Dieldrin	31	20	26.6	0	117	40	150	0	200	50	R
Endrin	21	20	26.6	0	79	40	150	0	200	50	R
gamma-BHC	9	10	13.3	0	70	40	150	0	200	50	JR
Heptachlor	12	10	13.3	0	90	40	150	9.5	23	50	

Sample ID **051539-004A** Batch ID: **4553** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date: **6/12/01**

MS SeqNo: **148179**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	51	4.0	26.6	15	135	40	150	0			
Aldrin	10	2.0	13.3	0	75	40	150	0			
Dieldrin	29	4.0	26.6	0	109	40	150	0			
Endrin	22	4.0	26.6	0	83	40	150	0			
gamma-BHC	10	2.0	13.3	0	75	40	150	0			
Heptachlor	11	2.0	13.3	0	83	40	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID **051539-004A** Batch ID: **4553** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date: **6/12/01**

MSD SeqNo: **148180**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	38	4.0	26.6	15	86	40	150	51	29	50	
Aldrin	9.5	2.0	13.3	0	71	40	150	10	10	50	
Dieldrin	21	4.0	26.6	0	79	40	150	29	32	50	
Endrin	17	4.0	26.6	0	64	40	150	22	27	50	
gamma-BHC	9	2.0	13.3	0	68	40	150	10	13	50	
Heptachlor	10	2.0	13.3	0	75	40	150	11	8	50	

Sample ID **051578-002AMS** Batch ID: **4554** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**

MS SeqNo: **147721**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	380	160	333.3	0	114	50	150	0			
Aroclor 1260	390	160	333.3	0	117	50	150	0			

Sample ID **051578-002AMS** Batch ID: **4554** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**

MSD SeqNo: **147722**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	380	160	333.3	0	114	50	150	380	1	50	
Aroclor 1260	390	160	333.3	0	117	50	150	390	1	50	

Sample ID **051539-012A** Batch ID: **4553** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**

MS SeqNo: **148260**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	270	33	333.3	0	81	50	150	0			
Aroclor 1260	280	33	333.3	77	61	50	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID **051539-012A** Batch ID: **4553** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**

MSD SeqNo: **148261**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	270	33	333.3	0	81	50	150	270	1	50	
Aroclor 1260	290	33	333.3	77	64	50	150	280	5	50	

Sample ID **051539-004AMS** Batch ID: **P01VOCS087** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/11/01** Prep Date:

MS SeqNo: **147150**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	94	5.0	100	0	94	71	140	0			
Benzene	100	5.0	100	0	101	74	129	0			
Chlorobenzene	92	5.0	100	0	92	44	136	0			
Toluene	100	5.0	100	0	101	59	142	0			
Trichloroethene	100	5.0	100	0	103	70	135	0			

Sample ID **051539-004AMS** Batch ID: **P01VOCS087** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/11/01** Prep Date:

MSD SeqNo: **147151**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	88	5.0	100	0	88	71	140	94	6	26	
Benzene	96	5.0	100	0	96	74	129	100	6	18	
Chlorobenzene	80	5.0	100	0	80	44	136	92	14	22	
Toluene	90	5.0	100	0	90	59	142	100	11	21	
Trichloroethene	93	5.0	100	0	93	70	135	100	10	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
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Initials: _____

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Work Order: 051539
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QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **051565-006AMS** Batch ID: **P01VOCS088** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date:

MS SeqNo: **147437**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	89	5.0	100	0	89	71	140	0			
Benzene	88	5.0	100	0	88	74	129	0			
Chlorobenzene	83	5.0	100	0	83	44	136	0			
Toluene	88	5.0	100	0	88	59	142	0			
Trichloroethene	150	5.0	100	0	154	70	135	0			S

Sample ID **051565-006AMS** Batch ID: **P01VOCS088** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date:

MSD SeqNo: **147438**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	97	5.0	100	0	97	71	140	89	9	26	
Benzene	97	5.0	100	0	97	74	129	88	10	18	
Chlorobenzene	93	5.0	100	0	93	44	136	83	11	22	
Toluene	98	5.0	100	0	98	59	142	88	10	21	
Trichloroethene	170	5.0	100	0	172	70	135	150	10	20	S

Qualifiers:
ND - Not Detected at the Reporting Limit
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Initials: _____

All calculations are based on raw values.

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Advanced Technology Laboratories

Date: *15-Jun-01*

CLIENT: Geocon Environmental
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Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4556** Batch ID: **4556** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
LCS SeqNo: **147608**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	26	1.0	33	0	80	60	140	0			

Sample ID **LCS-4555** Batch ID: **4555** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**
LCS SeqNo: **147633**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	29	1.0	33	0	89	60	140	0			

Sample ID **010611LCSS2** Batch ID: **E018G20S122** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date:
LCS SeqNo: **147103**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.3	1.0	5	0	86	64	128	0			

Sample ID **010612LCSS1** Batch ID: **E018G20S123** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date:
LCS SeqNo: **147384**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.3	1.0	5	0	86	64	128	0			

Sample ID **010612LCSS2** Batch ID: **E018G20S124** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date:
LCS SeqNo: **147569**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.3	1.0	5	0	86	64	128	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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Work Order: 051539
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QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4554** Batch ID: **4554** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**

LCS SeqNo: **147685**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	32	4.0	33.3	0	96	50	150	0			
4,4´-DDE	33	4.0	33.3	0	99	50	150	0			
4,4´-DDT	32	4.0	33.3	0	96	50	150	0			
Aldrin	32	2.0	33.3	0	96	50	150	0			
alpha-BHC	30	2.0	33.3	0	90	50	150	0			
alpha-Chlordane	32	4.0	33.3	0	96	50	150	0			
beta-BHC	32	2.0	33.3	0	96	50	150	0			
delta-BHC	24	2.0	33.3	0	72	50	150	0			
Dieldrin	33	4.0	33.3	0	99	50	150	0			
Endosulfan I	32	2.0	33.3	0	96	50	150	0			
Endosulfan II	32	4.0	33.3	0	96	50	150	0			
Endosulfan sulfate	31	4.0	33.3	0	93	50	150	0			
Endrin	33	4.0	33.3	0	99	50	150	0			
Endrin aldehyde	33	4.0	33.3	0	99	50	150	0			
Endrin ketone	33	4.0	33.3	0	99	50	150	0			
gamma-BHC	32	2.0	33.3	0	96	50	150	0			
gamma-Chlordane	32	4.0	33.3	0	96	50	150	0			
Heptachlor	31	2.0	33.3	0	93	50	150	0			
Heptachlor epoxide	32	2.0	33.3	0	96	50	150	0			
Methoxychlor	33	17	33.3	0	99	50	150	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4553** Batch ID: **4553** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**

LCS SeqNo: **148129**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	35	4.0	33.3	0	105	50	150	0			
4,4´-DDE	35	4.0	33.3	0	105	50	150	0			
4,4´-DDT	35	4.0	33.3	0	105	50	150	0			
Aldrin	34	2.0	33.3	0	102	50	150	0			
alpha-BHC	33	2.0	33.3	0	99	50	150	0			
alpha-Chlordane	34	4.0	33.3	0	102	50	150	0			
beta-BHC	33	2.0	33.3	0	99	50	150	0			
delta-BHC	26	2.0	33.3	0	78	50	150	0			
Dieldrin	35	4.0	33.3	0	105	50	150	0			
Endosulfan I	34	2.0	33.3	0	102	50	150	0			
Endosulfan II	35	4.0	33.3	0	105	50	150	0			
Endosulfan sulfate	35	4.0	33.3	0	105	50	150	0			
Endrin	40	4.0	33.3	0	120	50	150	0			
Endrin aldehyde	35	4.0	33.3	0	105	50	150	0			
Endrin ketone	35	4.0	33.3	0	105	50	150	0			
gamma-BHC	34	2.0	33.3	0	102	50	150	0			
gamma-Chlordane	34	4.0	33.3	0	102	50	150	0			
Heptachlor	31	2.0	33.3	0	93	50	150	0			
Heptachlor epoxide	34	2.0	33.3	0	102	50	150	0			
Methoxychlor	39	17	33.3	0	117	50	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4553** Batch ID: **4553** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date: **6/12/01**

LCS SeqNo: **148178**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	33	4.0	33.3	0	99	50	150	0			
4,4´-DDE	34	4.0	33.3	0	102	50	150	0			
4,4´-DDT	34	4.0	33.3	0	102	50	150	0			
Aldrin	32	2.0	33.3	0	96	50	150	0			
alpha-BHC	32	2.0	33.3	0	96	50	150	0			
alpha-Chlordane	32	4.0	33.3	0	96	50	150	0			
beta-BHC	32	2.0	33.3	0	96	50	150	0			
delta-BHC	25	2.0	33.3	0	75	50	150	0			
Dieldrin	34	4.0	33.3	0	102	50	150	0			
Endosulfan I	33	2.0	33.3	0	99	50	150	0			
Endosulfan II	33	4.0	33.3	0	99	50	150	0			
Endosulfan sulfate	33	4.0	33.3	0	99	50	150	0			
Endrin	35	4.0	33.3	0	105	50	150	0			
Endrin aldehyde	35	4.0	33.3	0	105	50	150	0			
Endrin ketone	34	4.0	33.3	0	102	50	150	0			
gamma-BHC	32	2.0	33.3	0	96	50	150	0			
gamma-Chlordane	32	4.0	33.3	0	96	50	150	0			
Heptachlor	31	2.0	33.3	0	93	50	150	0			
Heptachlor epoxide	32	2.0	33.3	0	96	50	150	0			
Methoxychlor	37	17	33.3	0	111	50	150	0			

Sample ID **LCS-4554** Batch ID: **4554** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**

LCS SeqNo: **147720**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	260	33	333.3	0	78	50	150	0			
Aroclor 1260	260	33	333.3	0	78	50	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

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QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4553** Batch ID: **4553** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date: **6/12/01**

LCS SeqNo: **148248**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	270	33	333.3	0	81	50	150	0			
Aroclor 1260	290	33	333.3	0	87	50	150	0			

Sample ID **LCS-4553** Batch ID: **4553** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date: **6/12/01**

LCS SeqNo: **148266**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	300	33	333.3	0	90	50	150	0			
Aroclor 1260	320	33	333.3	0	96	50	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **010611BLKS2** Batch ID: **P01VOCS087** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/11/01** Prep Date:

LCS SeqNo: **147149**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	110	5.0	100	0	110	30	150	0			
1,1,2,2-Tetrachloroethane	100	5.0	100	0	100	30	150	0			
1,1,2-Trichloroethane	110	5.0	100	0	113	30	150	0			
1,1-Dichloroethane	110	5.0	100	0	111	30	150	0			
1,1-Dichloroethene	99	5.0	100	0	99	30	150	0			
1,2-Dichlorobenzene	110	5.0	100	0	107	30	150	0			
1,2-Dichloroethane	110	5.0	100	0	107	30	150	0			
1,2-Dichloropropane	110	5.0	100	0	112	30	150	0			
1,3-Dichlorobenzene	110	5.0	100	0	107	30	150	0			
1,4-Dichlorobenzene	110	5.0	100	0	108	30	150	0			
Benzene	110	5.0	100	0	109	30	150	0			
Bromodichloromethane	110	5.0	100	0	113	30	150	0			
Bromoform	120	5.0	100	0	116	30	150	0			
Bromomethane	99	5.0	100	0	99	30	150	0			
Carbon tetrachloride	110	5.0	100	0	110	30	150	0			
Chlorobenzene	110	5.0	100	0	110	30	150	0			
Chloroethane	100	5.0	100	0	104	30	150	0			
Chloroform	100	5.0	100	0	104	30	150	0			
Chloromethane	89	5.0	100	0	89	30	150	0			
cis-1,3-Dichloropropene	120	5.0	100	0	117	30	150	0			
Ethylbenzene	110	5.0	100	0	111	30	150	0			
m,p-Xylene	230	5.0	200	0	113	30	150	0			
Methylene chloride	110	5.0	100	0	112	30	150	0			
o-Xylene	110	5.0	100	0	114	30	150	0			
Tetrachloroethene	110	5.0	100	0	108	30	150	0			
Toluene	110	5.0	100	0	111	30	150	0			
trans-1,2-Dichloroethene	110	5.0	100	0	110	30	150	0			

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank; M - Not Monitored. Highly Reactive; S - Spike/Surrogate outside of limits due to matrix interference; DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Trichloroethene	110	5.0	100	0	110	30	150	0
Trichlorofluoromethane	94	5.0	100	0	94	30	150	0
Vinyl chloride	89	5.0	100	0	89	30	150	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **010612BLKS1** Batch ID: **P01VOCS088** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date:

LCS SeqNo: **147426**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	100	5.0	100	0	104	30	150	0			
1,1,2,2-Tetrachloroethane	110	5.0	100	0	108	30	150	0			
1,1,2-Trichloroethane	110	5.0	100	0	110	30	150	0			
1,1-Dichloroethane	110	5.0	100	0	111	30	150	0			
1,1-Dichloroethene	99	5.0	100	0	99	30	150	0			
1,2-Dichlorobenzene	110	5.0	100	0	108	30	150	0			
1,2-Dichloroethane	110	5.0	100	0	106	30	150	0			
1,2-Dichloropropane	110	5.0	100	0	110	30	150	0			
1,3-Dichlorobenzene	110	5.0	100	0	109	30	150	0			
1,4-Dichlorobenzene	110	5.0	100	0	109	30	150	0			
Benzene	110	5.0	100	0	110	30	150	0			
Bromodichloromethane	110	5.0	100	0	110	30	150	0			
Bromoform	120	5.0	100	0	115	30	150	0			
Bromomethane	95	5.0	100	0	95	30	150	0			
Carbon tetrachloride	110	5.0	100	0	107	30	150	0			
Chlorobenzene	110	5.0	100	0	108	30	150	0			
Chloroethane	100	5.0	100	0	101	30	150	0			
Chloroform	100	5.0	100	0	104	30	150	0			
Chloromethane	83	5.0	100	0	83	30	150	0			
cis-1,3-Dichloropropene	120	5.0	100	0	119	30	150	0			
Ethylbenzene	110	5.0	100	0	109	30	150	0			
m,p-Xylene	220	5.0	200	0	109	30	150	0			
Methylene chloride	110	5.0	100	0	112	30	150	0			
o-Xylene	110	5.0	100	0	109	30	150	0			
Tetrachloroethene	110	5.0	100	0	110	30	150	0			
Toluene	110	5.0	100	0	110	30	150	0			
trans-1,2-Dichloroethene	110	5.0	100	0	111	30	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Trichloroethene	110	5.0	100	0	109	30	150	0
Trichlorofluoromethane	90	5.0	100	0	90	30	150	0
Vinyl chloride	88	5.0	100	0	88	30	150	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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Ordered By

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Attn: Diane Galvan

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AETL Job Number	Submitted	Client
19066	06/11/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06122001 / 06122001

Our Lab I.D.							
Client Sample I.D.			Method Blank				
Date Sampled			06/07/2001				
Date Prepared			06/12/2001				
Preparation Method			3550B				
Date Analyzed			06/13/2001				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	**MDL**	**PQL**	**Results**				
Benzo(a)anthracene	0.010	0.020	ND				
Benzo(a)pyrene	0.010	0.020	ND				
Benzo(b)fluoranthene	0.010	0.020	ND				
Benzo(k)fluoranthene	0.010	0.020	ND				
Chrysene	0.010	0.020	ND				
Dibenzo(a,h)anthracene	0.010	0.020	ND				
Indeno(1,2,3-cd)pyrene	0.010	0.020	ND				
Acenaphthene	0.010	0.020	ND				
Acenaphthylene	0.010	0.020	ND				
Anthracene	0.010	0.020	ND				
Benzo(ghi)perylene	0.010	0.020	ND				
Fluoranthene	0.010	0.020	ND				
Fluorene	0.010	0.020	ND				
Naphthalene	0.010	0.020	ND				
Phenanthrene	0.010	0.020	ND				
Pyrene	0.010	0.020	ND				

Our Lab I.D.							
Surrogates	**Con.Limit**		**% Rec.**				
p-Terphenyl-D14	75-125		94				

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AETL Job Number	Submitted	Client
19066	06/11/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06122001 / 06122001

Our Lab I.D.			AE99687				
Client Sample I.D.			051539-004A				
Date Sampled			06/07/2001				
Date Prepared			06/12/2001				
Preparation Method			3550B				
Date Analyzed			06/13/2001				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			2				
Analytes	**MDL**	**PQL**	**Results**				
Benzo(a)anthracene	0.020	0.040	0.154				
Benzo(a)pyrene	0.020	0.040	0.144				
Benzo(b)fluoranthene	0.020	0.040	0.195				
Benzo(k)fluoranthene	0.020	0.040	0.088				
Chrysene	0.020	0.040	0.119				
Dibenzo(a,h)anthracene	0.020	0.040	ND				
Indeno(1,2,3-cd)pyrene	0.020	0.040	0.090				
Acenaphthene	0.020	0.040	0.304				
Acenaphthylene	0.020	0.040	ND				
Anthracene	0.020	0.040	0.114				
Benzo(ghi)perylene	0.020	0.040	0.095				
Fluoranthene	0.020	0.040	0.740				
Fluorene	0.020	0.040	0.239				
Naphthalene	0.020	0.040	0.195				
Phenanthrene	0.020	0.040	1.26				
Pyrene	0.020	0.040	0.530				

Our Lab I.D.			AE99687				
Surrogates	**Con.Limit**		**% Rec.**				
p-Terphenyl-D14	75-125		90				

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AETL Job Number	Submitted	Client
19066	06/11/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06122001 / 06122001

Our Lab I.D.			AE99688				
Client Sample I.D.			051539-005A				
Date Sampled			06/07/2001				
Date Prepared			06/12/2001				
Preparation Method			3550B				
Date Analyzed			06/14/2001				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			2				
Analytes	**MDL**	**PQL**	**Results**				
Benzo(a)anthracene	0.020	0.040	0.061				
Benzo(a)pyrene	0.020	0.040	0.067				
Benzo(b)fluoranthene	0.020	0.040	0.124				
Benzo(k)fluoranthene	0.020	0.040	0.038J				
Chrysene	0.020	0.040	0.153				
Dibenzo(a,h)anthracene	0.020	0.040	ND				
Indeno(1,2,3-cd)pyrene	0.020	0.040	0.049				
Acenaphthene	0.020	0.040	0.168				
Acenaphthylene	0.020	0.040	ND				
Anthracene	0.020	0.040	0.063				
Benzo(ghi)perylene	0.020	0.040	0.053				
Fluoranthene	0.020	0.040	0.364				
Fluorene	0.020	0.040	0.141				
Naphthalene	0.020	0.040	0.110				
Phenanthrene	0.020	0.040	0.623				
Pyrene	0.020	0.040	0.252				

Our Lab I.D.			AE99688				
Surrogates	**Con.Limit**		**% Rec.**				
p-Terphenyl-D14	75-125		84				

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AETL Job Number	Submitted	Client
19066	06/11/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06122001 / 06122001

Our Lab I.D.			AE99689	AE99690			
Client Sample I.D.			051539-006A	051539-011A			
Date Sampled			06/07/2001	06/07/2001			
Date Prepared			06/12/2001	06/12/2001			
Preparation Method			3550B	3550B			
Date Analyzed			06/13/2001	06/13/2001			
Matrix			Soil	Soil			
Units			mg/Kg	mg/Kg			
Dilution Factor			5	5			
Analytes	**MDL**	**PQL**	**Results**	**Results**			
Benzo(a)anthracene	0.050	0.100	0.164	0.134			
Benzo(a)pyrene	0.050	0.100	0.201	0.148			
Benzo(b)fluoranthene	0.050	0.100	0.294	0.198			
Benzo(k)fluoranthene	0.050	0.100	0.122	0.090J			
Chrysene	0.050	0.100	0.270	0.155			
Dibenzo(a,h)anthracene	0.050	0.100	ND	0.077J			
Indeno(1,2,3-cd)pyrene	0.050	0.100	0.146	0.126			
Acenaphthene	0.050	0.100	0.433	0.295			
Acenaphthylene	0.050	0.100	ND	ND			
Anthracene	0.050	0.100	0.156	0.135			
Benzo(ghi)perylene	0.050	0.100	0.170	0.111			
Fluoranthene	0.050	0.100	1.06	0.708			
Fluorene	0.050	0.100	0.335	0.226			
Naphthalene	0.050	0.100	0.270	0.152			
Phenanthrene	0.050	0.100	1.80	1.18			
Pyrene	0.050	0.100	0.752	0.469			

Our Lab I.D.			AE99689	AE99690			
Surrogates	**Con.Limit**		**% Rec.**	**% Rec.**			
p-Terphenyl-D14	75-125		94	88			

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AETL Job Number	Submitted	Client
19066	06/11/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06122001 / 06122001

Our Lab I.D.			AE99691				
Client Sample I.D.			051539-012A				
Date Sampled			06/07/2001				
Date Prepared			06/12/2001				
Preparation Method			3550B				
Date Analyzed			06/13/2001				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	**MDL**	**PQL**	**Results**				
Benzo(a)anthracene	0.010	0.020	ND				
Benzo(a)pyrene	0.010	0.020	ND				
Benzo(b)fluoranthene	0.010	0.020	0.012J				
Benzo(k)fluoranthene	0.010	0.020	ND				
Chrysene	0.010	0.020	ND				
Dibenzo(a,h)anthracene	0.010	0.020	ND				
Indeno(1,2,3-cd)pyrene	0.010	0.020	ND				
Acenaphthene	0.010	0.020	ND				
Acenaphthylene	0.010	0.020	ND				
Anthracene	0.010	0.020	ND				
Benzo(ghi)perylene	0.010	0.020	0.010J				
Fluoranthene	0.010	0.020	0.040				
Fluorene	0.010	0.020	ND				
Naphthalene	0.010	0.020	ND				
Phenanthrene	0.010	0.020	0.060				
Pyrene	0.010	0.020	0.029				

Our Lab I.D.			AE99691				
Surrogates	**Con.Limit**		**% Rec.**				
p-Terphenyl-D14	75-125		94				

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AETL Job Number	Submitted	Client
19066	06/11/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06122001 / 06122001

Our Lab I.D.			AE99692				
Client Sample I.D.			051539-013A				
Date Sampled			06/07/2001				
Date Prepared			06/12/2001				
Preparation Method			3550B				
Date Analyzed			06/13/2001				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			5				
Analytes	**MDL**	**PQL**	**Results**				
Benzo(a)anthracene	0.050	0.100	0.695				
Benzo(a)pyrene	0.050	0.100	0.861				
Benzo(b)fluoranthene	0.050	0.100	1.07				
Benzo(k)fluoranthene	0.050	0.100	0.503				
Chrysene	0.050	0.100	0.830				
Dibenzo(a,h)anthracene	0.050	0.100	ND				
Indeno(1,2,3-cd)pyrene	0.050	0.100	0.586				
Acenaphthene	0.050	0.100	1.79				
Acenaphthylene	0.050	0.100	ND				
Anthracene	0.050	0.100	0.592				
Benzo(ghi)perylene	0.050	0.100	0.626				
Fluoranthene	0.050	0.100	4.16				
Fluorene	0.050	0.100	1.47				
Naphthalene	0.050	0.100	1.17				
Phenanthrene	0.050	0.100	6.84				
Pyrene	0.050	0.100	2.96				

Our Lab I.D.			AE99692				
Surrogates	**Con.Limit**		**% Rec.**				
p-Terphenyl-D14	75-125		116				

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AETL Job Number	Submitted	Client
19066	06/11/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06122001 / 06122001

Our Lab I.D.			AE99693	AE99694			
Client Sample I.D.			051539-018A	051539-019A			
Date Sampled			06/07/2001	06/07/2001			
Date Prepared			06/12/2001	06/12/2001			
Preparation Method			3550B	3550B			
Date Analyzed			06/14/2001	06/14/2001			
Matrix			Soil	Soil			
Units			mg/Kg	mg/Kg			
Dilution Factor			1	1			
Analytes	**MDL**	**PQL**	**Results**	**Results**			
Benzo(a)anthracene	0.010	0.020	ND	ND			
Benzo(a)pyrene	0.010	0.020	ND	ND			
Benzo(b)fluoranthene	0.010	0.020	0.012J	0.011J			
Benzo(k)fluoranthene	0.010	0.020	ND	ND			
Chrysene	0.010	0.020	ND	0.013J			
Dibenzo(a,h)anthracene	0.010	0.020	ND	ND			
Indeno(1,2,3-cd)pyrene	0.010	0.020	ND	ND			
Acenaphthene	0.010	0.020	ND	ND			
Acenaphthylene	0.010	0.020	ND	ND			
Anthracene	0.010	0.020	ND	ND			
Benzo(ghi)perylene	0.010	0.020	0.014J	ND			
Fluoranthene	0.010	0.020	0.019J	0.023			
Fluorene	0.010	0.020	ND	ND			
Naphthalene	0.010	0.020	0.025	ND			
Phenanthrene	0.010	0.020	0.013J	0.022			
Pyrene	0.010	0.020	0.019J	0.020			

Our Lab I.D.			AE99693	AE99694			
Surrogates	**Con.Limit**		**% Rec.**	**% Rec.**			
p-Terphenyl-D14	75-125		98	94			

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AETL Job Number	Submitted	Client
19066	06/11/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06122001 / 06122001

Our Lab I.D.			AE99695				
Client Sample I.D.			051539-020A				
Date Sampled			06/07/2001				
Date Prepared			06/12/2001				
Preparation Method			3550B				
Date Analyzed			06/13/2001				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			5				
Analytes	**MDL**	**PQL**	**Results**				
Benzo(a)anthracene	0.050	0.100	0.209				
Benzo(a)pyrene	0.050	0.100	0.233				
Benzo(b)fluoranthene	0.050	0.100	0.296				
Benzo(k)fluoranthene	0.050	0.100	0.140				
Chrysene	0.050	0.100	0.242				
Dibenzo(a,h)anthracene	0.050	0.100	ND				
Indeno(1,2,3-cd)pyrene	0.050	0.100	0.198				
Acenaphthene	0.050	0.100	0.498				
Acenaphthylene	0.050	0.100	ND				
Anthracene	0.050	0.100	0.155				
Benzo(ghi)perylene	0.050	0.100	0.168				
Fluoranthene	0.050	0.100	1.12				
Fluorene	0.050	0.100	0.379				
Naphthalene	0.050	0.100	0.363				
Phenanthrene	0.050	0.100	1.89				
Pyrene	0.050	0.100	0.776				

Our Lab I.D.			AE99695				
Surrogates	**Con.Limit**		**% Rec.**				
p-Terphenyl-D14	75-125		96				

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AETL Job Number	Submitted	Client
19066	06/11/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06122001 / 06122001

Our Lab I.D.			AE99696				
Client Sample I.D.			051539-025A				
Date Sampled			06/07/2001				
Date Prepared			06/12/2001				
Preparation Method			3550B				
Date Analyzed			06/14/2001				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			2				
Analytes	**MDL**	**PQL**	**Results**				
Benzo(a)anthracene	0.020	0.040	0.033J				
Benzo(a)pyrene	0.020	0.040	0.069				
Benzo(b)fluoranthene	0.020	0.040	0.120				
Benzo(k)fluoranthene	0.020	0.040	0.038J				
Chrysene	0.020	0.040	0.168				
Dibenzo(a,h)anthracene	0.020	0.040	ND				
Indeno(1,2,3-cd)pyrene	0.020	0.040	0.030J				
Acenaphthene	0.020	0.040	0.229				
Acenaphthylene	0.020	0.040	ND				
Anthracene	0.020	0.040	0.096				
Benzo(ghi)perylene	0.020	0.040	0.032J				
Fluoranthene	0.020	0.040	0.426				
Fluorene	0.020	0.040	0.201				
Naphthalene	0.020	0.040	0.194				
Phenanthrene	0.020	0.040	0.818				
Pyrene	0.020	0.040	0.287				

Our Lab I.D.			AE99696				
Surrogates	**Con.Limit**		**% Rec.**				
p-Terphenyl-D14	75-125		86				

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ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories
3275 Walnut Street
Signal Hill, CA 90807

Telephone: (562)989-4045
Attn: Diane Galvan

Page: **11**

AETL Job Number	Submitted	Client
19066	06/11/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06122001 / 06122001

Our Lab I.D.			AE99697	AE99698	AE99699		
Client Sample I.D.			051539-031A	051539-032A	051539-033A		
Date Sampled			06/07/2001	06/07/2001	06/07/2001		
Date Prepared			06/12/2001	06/12/2001	06/12/2001		
Preparation Method			3550B	3550B	3550B		
Date Analyzed			06/14/2001	06/14/2001	06/14/2001		
Matrix			Soil	Soil	Soil		
Units			mg/Kg	mg/Kg	mg/Kg		
Dilution Factor			1	1	1		
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**		
Benzo(a)anthracene	0.010	0.020	ND	ND	ND		
Benzo(a)pyrene	0.010	0.020	ND	ND	ND		
Benzo(b)fluoranthene	0.010	0.020	ND	0.010J	0.012J		
Benzo(k)fluoranthene	0.010	0.020	ND	ND	ND		
Chrysene	0.010	0.020	ND	0.013J	ND		
Dibenzo(a,h)anthracene	0.010	0.020	ND	ND	ND		
Indeno(1,2,3-cd)pyrene	0.010	0.020	ND	ND	ND		
Acenaphthene	0.010	0.020	ND	ND	ND		
Acenaphthylene	0.010	0.020	ND	ND	ND		
Anthracene	0.010	0.020	ND	ND	ND		
Benzo(ghi)perylene	0.010	0.020	ND	ND	ND		
Fluoranthene	0.010	0.020	ND	ND	ND		
Fluorene	0.010	0.020	0.014J	ND	ND		
Naphthalene	0.010	0.020	ND	ND	ND		
Phenanthrene	0.010	0.020	ND	0.011J	ND		
Pyrene	0.010	0.020	0.018J	0.012J	ND		

Our Lab I.D.			AE99697	AE99698	AE99699		
Surrogates	**Con.Limit**		**% Rec.**	**% Rec.**	**% Rec.**		
o-Terphenyl-D14	75-125		94	101	92		

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ANALYTICAL RESULTS

Ordered By

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Attn: Diane Galvan

Page: **12**

AETL Job Number	Submitted	Client
19066	06/11/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06122001 / 06122001

Our Lab I.D.			AE99700				
Client Sample I.D.			051539-034A				
Date Sampled			06/07/2001				
Date Prepared			06/12/2001				
Preparation Method			3550B				
Date Analyzed			06/13/2001				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	**MDL**	**PQL**	**Results**				
Benzo(a)anthracene	0.010	0.020	ND				
Benzo(a)pyrene	0.010	0.020	ND				
Benzo(b)fluoranthene	0.010	0.020	ND				
Benzo(k)fluoranthene	0.010	0.020	ND				
Chrysene	0.010	0.020	ND				
Dibenzo(a,h)anthracene	0.010	0.020	ND				
Indeno(1,2,3-cd)pyrene	0.010	0.020	ND				
Acenaphthene	0.010	0.020	ND				
Acenaphthylene	0.010	0.020	ND				
Anthracene	0.010	0.020	ND				
Benzo(ghi)perylene	0.010	0.020	ND				
Fluoranthene	0.010	0.020	ND				
Fluorene	0.010	0.020	ND				
Naphthalene	0.010	0.020	ND				
Phenanthrene	0.010	0.020	ND				
Pyrene	0.010	0.020	ND				

Our Lab I.D.			AE99700				
Surrogates	**Con.Limit**		**% Rec.**				
p-Terphenyl-D14	75-125		98				

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Page: **13**

AETL Job Number	Submitted	Client
19066	06/11/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QUALITY CONTROL REPORT

QC Batch Number: 06122001 / 06122001

Analytes	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit	
Benzo(a)anthracene	50.00	46.00	92	50.00	48.00	96	4.2	75-125	<20	
Benzo(a)pyrene	50.00	44.00	88	50.00	43.00	86	2.3	75-125	<20	
Naphthalene	500.00	405.00	81	500.00	395.00	79	2.5	75-125	<20	

QC Batch Number: 06122001 / 06122001

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Benzo(a)anthracene	50.00	42.50	85	75-125						
Benzo(a)pyrene	50.00	40.50	81	75-125						
Naphthalene	500.00	385.00	77	75-125						
LCS										
Acenaphthene	500.00	450.00	90	75-125						
Acenaphthylene	500.00	430.00	86	75-125						
Anthracene	500.00	480.00	96	75-125						
Benzo(b)fluoranthene	50.00	43.50	87	75-125						
Benzo(ghi)perylene	50.00	46.00	92	75-125						
Benzo(k)fluoranthene	25.00	20.50	82	75-125						
Chrysene	50.00	44.00	88	75-125						
Dibenzo(a,h)anthracene	50.00	48.00	96	75-125						
Fluoranthene	50.00	43.00	86	75-125						
Fluorene	500.00	475.00	95	75-125						
Indeno(1,2,3-cd)pyrene	50.00	46.50	93	75-125						
Phenanthrene	500.00	495.00	99	75-125						
Pyrene	50.00	42.50	85	75-125						

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Data Qualifiers and Descriptors

Data Qualifier:

B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).

Definition:

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit
MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

Advanced Technology Laboratories

Print Date: *25-Jun-01*

CLIENT:	Geocon Environmental	**Test No:**	WET/ EPA 7420
Lab Order:	051539	**Units:**	mg/L
Project:	Oakland Mole - E8000-06-13	**Analyst:**	NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051539-001A	SS1-0	Solid/ STLC Extract	6/7/01	4674	8.2	0.15		1	6/24/01
051539-003A	SS1-0.9	Solid/ STLC Extract	6/7/01	4674	3.2	0.15		1	6/24/01
051539-004A	SS2-0	Solid/ STLC Extract	6/7/01	4674	21	0.3		2	6/24/01
051539-005A	SS2-0.3	Solid/ STLC Extract	6/7/01	4674	26	0.3		2	6/24/01
051539-006A	SS2-0.9	Solid/ STLC Extract	6/7/01	4674	13	0.15		1	6/24/01
051539-007A	UT1-0	Solid/ STLC Extract	6/7/01	4674	14	0.15		1	6/24/01
051539-008A	UT1-0.3	Solid/ STLC Extract	6/7/01	4674	95	1		7	6/24/01
051539-009A	UT1-0.9	Solid/ STLC Extract	6/7/01	4674	74	0.75		5	6/24/01
051539-011A	UT2-0	Solid/ STLC Extract	6/7/01	4674	12	0.15		1	6/24/01
051539-012A	UT2-0.3	Solid/ STLC Extract	6/7/01	4674	45	0.45		3	6/24/01
051539-013A	UT2-0.9	Solid/ STLC Extract	6/7/01	4674	20	0.3		2	6/24/01
051539-014A	UT3-0	Solid/ STLC Extract	6/7/01	4674	6.3	0.15		1	6/24/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories

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Advanced Technology Laboratories

Print Date: *25-Jun-01*

CLIENT:	Geocon Environmental	**Test No:**	WET/ EPA 7420
Lab Order:	051539	**Units:**	mg/L
Project:	Oakland Mole - E8000-06-13	**Analyst:**	NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051539-015A	UT3-0.3	Solid/ STLC Extract	6/7/01	4674	9.6	0.15		1	6/24/01
051539-019A	UT4-0.3	Solid/ STLC Extract	6/7/01	4674	43	0.45		3	6/24/01
051539-020A	UT4-0.9	Solid/ STLC Extract	6/7/01	4674	2.3	0.15		1	6/24/01
051539-022A	UT5-0.3	Solid/ STLC Extract	6/7/01	4674	39	0.45		3	6/24/01
051539-023A	UT5-0.9	Solid/ STLC Extract	6/7/01	4674	11	0.15		1	6/24/01
051539-024A	UT6-0	Solid/ STLC Extract	6/7/01	4674	13	0.15		1	6/24/01
051539-025A	UT6-0.3	Solid/ STLC Extract	6/7/01	4674	28	0.3		2	6/24/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: D

Advanced Technology Laboratories

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Advanced Technology Laboratories

Print Date: *6/25/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT14-0
Lab Order:	051539		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/7/01
Lab ID:	051539-031A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**WET/ EPA 6010B**			
RunID: **ICP2_010625A** BatchID: **4698**				PrepDate: **6/20/01**		Analyst: **RQ**
Chromium	ND	1.0		mg/L	10	6/25/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RQ

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Advanced Technology Laboratories

Date: *25-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4698** Batch ID: **4698** Test Name **ICP METALS** Units **mg/L** Analysis Date: **6/25/01** Prep Date: **6/20/01**
MBLK SeqNo: **151709**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	ND	0.10		0				0			

Sample ID **MB-4674** Batch ID: **4674** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
mblk SeqNo: **151342**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15		0				0			

Sample ID **MB-4674ASTLC** Batch ID: **4674** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
mblk SeqNo: **151343**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15	0	0	0	0	0	0			

Sample ID **MB-4674B STLC** Batch ID: **4674** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
mblk SeqNo: **151355**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15	0	0	0	0	0	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

Advanced Technology Laboratories
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Advanced Technology Laboratories

Date: *25-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051509-006ADU** Batch ID: **4698** Test Name **ICP METALS** Units **mg/L** Analysis Date: **6/25/01** Prep Date: **6/20/01**
DUP SeqNo: **151716**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	1.6	1.0	0	0	0	0	0	1.7	6	30	

Sample ID **051539-012ADU** Batch ID: **4674** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
DUP SeqNo: **151354**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	36	0.45	0	0	0	0	0	45	21	30	

Sample ID **051539-031ADU** Batch ID: **4674** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
DUP SeqNo: **151366**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.45	0.15	0	0	0	0	0	0.54	18	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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Advanced Technology Laboratories

Date: *25-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051509-006AMS** Batch ID: **4698** Test Name **ICP METALS** Units **mg/L** Analysis Date: **6/25/01** Prep Date: **6/20/01**
MS SeqNo: **151717**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	25	1.0	25	1.7	94	68	118	0			

Sample ID **051509-006AMS** Batch ID: **4698** Test Name **ICP METALS** Units **mg/L** Analysis Date: **6/25/01** Prep Date: **6/20/01**
MSD SeqNo: **151718**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	26	1.0	25	1.7	95	68	118	25	3	20	

Sample ID **051539-031AMS** Batch ID: **4674** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
MS SeqNo: **151367**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.2	0.15	5	0.54	93	80	120	0			

Sample ID **051539-012AMS** Batch ID: **4674** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
MS SeqNo: **151369**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	68	0.75	20	45	117	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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Advanced Technology Laboratories

Date: *25-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051539
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4698** Batch ID: **4698** Test Name **ICP METALS** Units **mg/L** Analysis Date: **6/25/01** Prep Date: **6/20/01**

LCS SeqNo: **151710**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	0.93	0.10	1	0	93	80	120	0			

Sample ID **LCS-4674** Batch ID: **4674** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**

lcs SeqNo: **151370**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.3	0.15	10	0	93	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

Diane

From: Geocon - East Bay Office (Livermore) [geoconeb@jps.net]
Sent: Wednesday, June 20, 2001 12:18 PM
To: Diane (ATL)
Subject: Additional analysis for Oakland Mole

Diane,

Attached is a list of additional TCLP and WET test that we would like performed.

Let me know if there are any problems.

Thanks.

Mark

Lab ID	Sample ID	Depth	Constituents	Total (mg/kg)
	For Wet Test			
051567-025A	AR2	0.3	Lead	280
051567-026A	AR2	0.9	Lead	140
051567-027A	AR4	0	Lead	330
051567-028A	AR4	0.3	Cadmium	16
051567-028A	AR4	0.3	Chromium	60
051567-028A	AR4	0.3	Copper	1700
051567-038A	DB2	0	Lead	360
051567-037A	DB2	0.9	Lead	380
051567-034A	DB4	0.3	Lead	66
051567-035A	DB4	0.9	Lead	63
051578-033A	E23AL	0	Lead	170
051578-034A	E23AR	0	Lead	300
051578-037A	E24C	0	Lead	160
051578-036A	E24L	0	Lead	120
051578-035A	E24R	0	Lead	110
051578-043A	E25AL	0	Lead	66
051578-044A	E25AR	0	Lead	100
051578-046A	E26C	0	Lead	57
051578-047A	E26L	0	Lead	62
051578-045A	E26R	0	Lead	70
051578-053A	E27AL	0	Lead	210
051578-054A	E27AR	0	Lead	84
051578-055A	E28R	0	Lead	260
051578-018A	ED2	0	Lead	67
051578-019A	ED2	0.3	Lead	50
051578-027A	ED4	0	Lead	96
051578-028A	ED4	0.3	Lead	54
051578-029A	ED4	0.6	Lead	72
051578-001A	MD1	0	Lead	130
051578-002A	MD1	0.3	Lead	120
051578-005A	MD3	0	Lead	70
051578-006A	MD3	0.3	Lead	110
051578-007A	MD3	0.9	Lead	120
051578-010A	MD5	0	Lead	66
051578-020A	MD7	0	Lead	230
051578-021A	MD7	0.3	Lead	320
051578-022A	MD7	0.6	Lead	150
051578-058A	MD9	0	Lead	130
051578-059A	MD9	0.3	Chromium	54
051578-059A	MD9	0.3	Lead	320
051578-060A	MD9	0.9	Lead	130
051567-045A	MD15	0	Lead	230

051578-063A	MD15	0.3 Lead	81
051578-064A	MD15	0.9 Arsenic	140
051578-064A	MD15	0.9 Lead	110
051567-057A	MD17	0 Lead	200
051567-001A	PL3	0 Lead	68
051539-004A	SS2	0 Lead	260
051539-005A	SS2	0.3 Lead	260
051539-006A	SS2	0.9 Lead	180
051567-016A	SS4	0 Chromium	460
051567-016A	SS4	0 Copper	2100
051567-016A	SS4	0 Nickel	820
051567-013A	SS4	0.3 Chromium	78
051567-013A	SS4	0.3 Copper	1800
051567-015A	SS4	0.9 Copper	250
051539-011A	UT2	0 Lead	130
051539-012A	UT2	0.3 Lead	210
051539-013A	UT2	0.9 Lead	400
051539-019A	UT4	0.3 Lead	180
051539-020A	UT4	0.9 Lead	160
051539-024A	UT6	0 Lead	110
051539-025A	UT6	0.3 Lead	420
051539-031A	UT14	0 Chromium	57
051567-048A	UT16	0 Chromium	62
051567-046A	UT16	0.3 Chromium	62
051567-047A	UT16	0.9 Lead	120
051567-053A	UT18	0 Lead	200
051567-054A	UT18	0.3 Lead	62
051567-056A	UT18	1.5 Lead	180
051567-030A	AR1	0 Lead	290
051567-031A	AR1	0.3 Lead	170
051567-032A	AR1	0.9 Lead	250
051567-022A	AR3	0.3 Lead	390
051567-039A	DB1	0 Lead	690
051578-032A	E23C	0 Lead	91
051578-031A	E23L	0 Lead	230
051578-030A	E23R	0 Lead	280
051578-038A	E24AL	0 Lead	78
051578-039A	E24AR	0 Lead	140
051578-042A	E25C	0 Lead	66
051578-041A	E25L	0 Lead	55
051578-040A	E25R	0 Lead	80
051578-048A	E26AL	0 Lead	51
051578-049A	E26AR	0 Lead	160
051578-052A	E27C	0 Lead	50

051578-050A	E27L	0 Lead	87
051578-051A	E27R	0 Lead	110
051578-012A	ED1	0 Lead	120
051578-013A	ED1	0.3 Lead	120
051578-014A	ED1	0.6 Lead	73
051578-023A	ED3	0 Lead	57
051578-024A	ED3	0.3 Lead	62
051578-003A	MD2	0 Lead	76
051578-008A	MD4	0 Lead	57
051578-009A	MD4	0.3 Lead	55
051578-015A	MD6	0 Lead	52
051578-017A	MD6	0.6 Lead	130
051578-025A	MD8	0 Lead	95
051567-061A	MD16	0 Lead	67
051567-059A	MD18	0 Lead	150
051567-060A	MD18	0.3 Lead	120
051567-005A	PL4	0.3 Lead	50
051567-006A	PL4	0.9 Lead	60
051539-001A	SS1	0 Lead	74
051539-003A	SS1	0.3 Lead	160
051567-017A	SS3	0 Lead	140
051567-018A	SS3	0.3 Lead	460
051539-007A	UT1	0 Lead	110
051539-008A	UT1	0.3 Lead	670
051539-009A	UT1	0.9 Lead	900
051539-014A	UT3	0 Lead	94
051539-015A	UT3	0.3 Lead	52
051539-022A	UT5	0.3 Lead	350
051539-023A	UT5	0.9 Lead	110
051567-049A	UT17	0 Lead	62
	For TCLP Analysis		
051567-028A	AR4	0.3 Lead	3500
051567-036A	DB2	0.3 Lead	1500
051567-016A	SS4	0 Lead	6400
051567-013A	SS4	0.3 Lead	2400
051567-014A	SS4	0.9 Lead	1100
051567-021A	AR3	0 Lead	1700
051567-046A	DB1	0.3 Lead	1500

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Number of Pages 10
Date Received 06/12/2001
Date Reported 06/15/2001

Job Number	Order Date	Client
19078	06/12/2001	ATL

Enclosed please find results of analyses of 27 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: Gary Mach

Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

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19078

SUB CHAIN-OF-CUSTODY RECORD

Subcontractor:

AETL
2834 North Naomi Street
Burbank, CA 91504

TEL: (818) 845-8200
FAX: (818) 845-8840

Acct #:

QClevel: CT-TR1

11-Jun-01

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests					
051578-044A \ E25AR-0	Soil	06/08/2001	TUBE	8310				AE99793	
051578-045A \ E26R-0	Soil	06/08/2001	TUBE					AE99794	
051578-046A \ E26C-0	Soil	06/08/2001	TUBE					AE99795	
051578-047A \ E26L-0	Soil	06/08/2001	TUBE					AE99796	
051578-053A \ E27AL-0	Soil	06/08/2001	TUBE					AE99797	
051578-054A \ E27AR-0	Soil	06/08/2001	TUBE					AE99798	
051578-055A \ E28R-0	Soil	06/08/2001	TUBE					AE99799	
051578-056A \ E28C-0	Soil	06/08/2001	TUBE					AE99800	
051578-057A \ E28L-0	Soil	06/08/2001	TUBE					AE99801	
~~051578-058A \ MD9-0~~	~~Soil~~ AM	~~06/08/2001~~	~~TUBE~~						
~~051578-059A \ MD9-1~~	~~Soil~~	~~06/08/2001~~	~~TUBE~~						
~~051578-060A \ MD9-3~~	~~Soil~~	~~06/08/2001~~	~~TUBE~~						

Comments: Use Caltrans QA/QC. Please use PO#: 21422. Please fax results by: 06-15-01. Return signed copy to FAX 989-4040.

		Date/Time			Date/Time
Relinquished by:	AM	6/11/01	**Received by:**	JA	6/12/01
Relinquished by:	JA	6/12/01	**Received by:**	[illegible]	6/12/01 13:00

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SUB CHAIN-OF-CUSTODY RECORD

Subcontractor:

AETL
2834 North Naomi Street
Burbank, CA 91504

TEL: (818) 845-8200
FAX: (818) 845-8840

Acct #:

QClevel: CT-TR1

11-Jun-01

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests					
051578-002A \ MD1-0.3	Soil	06/08/2001	TUBE	8310					AE99775
051578-006A \ MD3-0.3	Soil	06/08/2001	TUBE						AE99776
051578-007A \ MD3-0.9	Soil	06/08/2001	TUBE						AE99777
051578-011A \ MD50.3	Soil	06/08/2001	TUBE						AE99778
051578-018A \ ED2-0	Soil	06/08/2001	TUBE						AE99779
051578-019A \ ED2-0.3	Soil	06/08/2001	TUBE						AE99780
051578-020A \ MD7-0	Soil	06/08/2001	TUBE						AE99781
051578-021A \ MD7-0.3	Soil	06/08/2001	TUBE						AE99782
051578-022A \ MD7-0.6	Soil	06/08/2001	TUBE						AE99783
051578-027A \ ED4-0	Soil	06/08/2001	TUBE						AE99784
051578-028A \ ED4-0.3	Soil	06/08/2001	TUBE						AE99785
051578-029A \ ED4-0.6	Soil	06/08/2001	TUBE						AE99786
051578-033A \ E23AL-0	Soil	06/08/2001	TUBE						AE99787
051578-034A \ E23AR-0	Soil	06/08/2001	TUBE						AE99788
051578-035A \ E24R-0	Soil	06/08/2001	TUBE						AE99789
051578-036A \ E24L-0	Soil	06/08/2001	TUBE						AE99790
051578-037A \ E24C-0	Soil	06/08/2001	TUBE						AE99791
051578-043A \ E25AL-0	Soil	06/08/2001	TUBE						AE99792

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Relinquished by:	JK ATL	6/12/01	**Received by:**		6/12/01 13:00

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Page: 2

AETL Job Number	Submitted	Client
19078	06/12/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06132001 / 06132001

Our Lab I.D.				AE99775	AE99776	AE99777	AE99778
Client Sample I.D.			Method Blank	051578-002A	051578-006A	051578-007A	051578-011A
Date Sampled			06/08/2001	06/08/2001	06/08/2001	06/08/2001	06/08/2001
Date Prepared			06/13/2001	06/13/2001	06/13/2001	06/13/2001	06/13/2001
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			06/14/2001	06/14/2001	06/14/2001	06/14/2001	06/14/2001
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Benzo(a)anthracene	0.010	0.020	ND	0.014J	0.024	ND	ND
Benzo(a)pyrene	0.010	0.020	ND	ND	0.069	ND	0.022
Benzo(b)fluoranthene	0.010	0.020	ND	0.023	0.104	0.034	0.054
Benzo(k)fluoranthene	0.010	0.020	ND	ND	0.029	ND	ND
Chrysene	0.010	0.020	ND	0.026	0.075	ND	0.065
Dibenzo(a,h)anthracene	0.010	0.020	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.010	0.020	ND	ND	0.071	ND	ND
Acenaphthene	0.010	0.020	ND	ND	0.026	ND	ND
Acenaphthylene	0.010	0.020	ND	ND	ND	ND	ND
Anthracene	0.010	0.020	ND	ND	0.016J	ND	ND
Benzo(ghi)perylene	0.010	0.020	ND	ND	0.084	ND	ND
Fluoranthene	0.010	0.020	ND	0.032	0.144	0.013J	0.034
Fluorene	0.010	0.020	ND	ND	0.018J	ND	ND
Naphthalene	0.010	0.020	ND	ND	0.038	ND	ND
Phenanthrene	0.010	0.020	ND	0.055	0.163	ND	0.045
Pyrene	0.010	0.020	ND	0.029	0.099	0.021	0.032

Our Lab I.D.				AE99775	AE99776	AE99777	AE99778
Surrogates	**Con.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
p-Terphenyl-D14	75-125		94	86	86	93	93

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AETL Job Number	Submitted	Client
19078	06/12/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06132001 / 06132001

Our Lab I.D.			AE99779	AE99780	AE99781	AE99782	AE99783
Client Sample I.D.			051578-018A	051578-019A	051578-020A	051578-021A	051578-022A
Date Sampled			06/08/2001	06/08/2001	06/08/2001	06/08/2001	06/08/2001
Date Prepared			06/13/2001	06/13/2001	06/13/2001	06/13/2001	06/13/2001
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			06/14/2001	06/14/2001	06/14/2001	06/14/2001	06/14/2001
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Benzo(a)anthracene	0.010	0.020	0.034	ND	0.043	0.126	0.079
Benzo(a)pyrene	0.010	0.020	0.063	0.030	0.069	0.233	0.119
Benzo(b)fluoranthene	0.010	0.020	0.098	0.041	0.094	0.259	0.154
Benzo(k)fluoranthene	0.010	0.020	0.032	ND	0.033	0.101	0.054
Chrysene	0.010	0.020	0.078	0.033	0.083	0.165	0.123
Dibenzo(a,h)anthracene	0.010	0.020	ND	ND	ND	0.165	ND
Indeno(1,2,3-cd)pyrene	0.010	0.020	0.053	0.047	0.052	0.228	0.115
Acenaphthene	0.010	0.020	0.011J	ND	0.076	0.202	0.099
Acenaphthylene	0.010	0.020	ND	ND	ND	ND	ND
Anthracene	0.010	0.020	0.017J	ND	0.030	0.096	0.053
Benzo(ghi)perylene	0.010	0.020	0.086	0.056	0.045	0.221	0.098
Fluoranthene	0.010	0.020	0.090	0.019J	0.232	0.592	0.347
Fluorene	0.010	0.020	0.012J	ND	0.061	0.162	0.078
Naphthalene	0.010	0.020	ND	ND	0.039	0.119	0.046
Phenanthrene	0.010	0.020	0.079	0.026	0.339	0.810	0.485
Pyrene	0.010	0.020	0.103	0.040	0.172	0.523	0.307

Our Lab I.D.			AE99779	AE99780	AE99781	AE99782	AE99783
Surrogates	**Con.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
p-Terphenyl-D14	75-125		85	97	86	89	97

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AETL Job Number	Submitted	Client
19078	06/12/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06132001 / 06132001

Our Lab I.D.			AE99784	AE99785	AE99786	AE99787	AE99788
Client Sample I.D.			051578-027A	051578-028A	051578-029A	051578-033A	051578-034A
Date Sampled			06/08/2001	06/08/2001	06/08/2001	06/08/2001	06/08/2001
Date Prepared			06/13/2001	06/13/2001	06/13/2001	06/13/2001	06/13/2001
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			06/14/2001	06/14/2001	06/14/2001	06/14/2001	06/14/2001
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Benzo(a)anthracene	0.010	0.020	0.024	ND	0.025	0.164	0.088
Benzo(a)pyrene	0.010	0.020	0.036	0.025	0.051	0.218	0.131
Benzo(b)fluoranthene	0.010	0.020	0.062	0.234	0.070	0.241	0.175
Benzo(k)fluoranthene	0.010	0.020	0.018J	ND	0.022	0.106	0.064
Chrysene	0.010	0.020	0.051	0.092	0.046	0.185	0.123
Dibenzo(a,h)anthracene	0.010	0.020	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.010	0.020	0.041	ND	0.049	0.132	0.100
Acenaphthene	0.010	0.020	ND	ND	ND	0.265	0.207
Acenaphthylene	0.010	0.020	ND	ND	ND	ND	ND
Anthracene	0.010	0.020	ND	ND	0.014J	0.184	0.093
Benzo(ghi)perylene	0.010	0.020	0.047	ND	0.055	0.117	0.114
Fluoranthene	0.010	0.020	0.061	0.035	0.080	0.795	0.465
Fluorene	0.010	0.020	ND	ND	ND	0.227	0.164
Naphthalene	0.010	0.020	0.042	ND	ND	0.199	0.091
Phenanthrene	0.010	0.020	0.056	0.043	0.060	1.17	0.718
Pyrene	0.010	0.020	0.071	0.045	0.089	0.646	0.348

Our Lab I.D.			AE99784	AE99785	AE99786	AE99787	AE99788
Surrogates	**Con.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
p-Terphenyl-D14	75-125		84	100	85	84	80

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AETL Job Number	Submitted	Client
19078	06/12/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06132001 / 06132001

Our Lab I.D.			AE99789	AE99790			
Client Sample I.D.			051578-035A	051578-036A			
Date Sampled			06/08/2001	06/08/2001			
Date Prepared			06/13/2001	06/13/2001			
Preparation Method			3550B	3550B			
Date Analyzed			06/14/2001	06/14/2001			
Matrix			Soil	Soil			
Units			mg/Kg	mg/Kg			
Dilution Factor			1	1			
Analytes	**MDL**	**PQL**	**Results**	**Results**			
Benzo(a)anthracene	0.010	0.020	0.129	0.033			
Benzo(a)pyrene	0.010	0.020	0.133	0.046			
Benzo(b)fluoranthene	0.010	0.020	0.175	0.103			
Benzo(k)fluoranthene	0.010	0.020	0.071	0.025			
Chrysene	0.010	0.020	0.127	0.103			
Dibenzo(a,h)anthracene	0.010	0.020	ND	ND			
Indeno(1,2,3-cd)pyrene	0.010	0.020	0.102	0.047			
Acenaphthene	0.010	0.020	0.286	0.077			
Acenaphthylene	0.010	0.020	ND	ND			
Anthracene	0.010	0.020	0.266	0.033			
Benzo(ghi)perylene	0.010	0.020	0.101	0.033			
Fluoranthene	0.010	0.020	0.659	0.197			
Fluorene	0.010	0.020	0.270	0.070			
Naphthalene	0.010	0.020	0.176	0.077			
Phenanthrene	0.010	0.020	1.13	0.336			
Pyrene	0.010	0.020	0.448	0.153			

Our Lab I.D.			AE99789	AE99790			
Surrogates	**Con.Limit**		**% Rec.**	**% Rec.**			
p-Terphenyl-D14	75-125		91	80			

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AETL Job Number	Submitted	Client
19078	06/12/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06132001-1 / 06132001-1

Our Lab I.D.			AE99791	AE99792	AE99793	AE99794	AE99795
Client Sample I.D.			051578-037A	051578-043A	051578-044A	051578-045A	051578-046A
Date Sampled			06/08/2001	06/08/2001	06/08/2001	06/08/2001	06/08/2001
Date Prepared			06/13/2001	06/13/2001	06/13/2001	06/13/2001	06/13/2001
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			06/15/2001	06/15/2001	06/15/2001	06/15/2001	06/15/2001
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Benzo(a)anthracene	0.010	0.020	0.028	0.020	0.011J	0.041	0.013J
Benzo(a)pyrene	0.010	0.020	0.044	0.029	0.016J	0.059	0.014J
Benzo(b)fluoranthene	0.010	0.020	0.062	0.037	0.030	0.066	0.020
Benzo(k)fluoranthene	0.010	0.020	0.024	0.016J	ND	0.028	ND
Chrysene	0.010	0.020	0.036	0.022	0.020	0.058	0.021
Dibenzo(a,h)anthracene	0.010	0.020	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.010	0.020	0.040	0.025	ND	0.039	0.014J
Acenaphthene	0.010	0.020	0.039	0.029	0.017J	0.082	0.016J
Acenaphthylene	0.010	0.020	ND	ND	ND	ND	ND
Anthracene	0.010	0.020	0.024	0.013J	0.018J	0.029	ND
Benzo(ghi)perylene	0.010	0.020	0.057	0.032	ND	0.046	0.014J
Fluoranthene	0.010	0.020	0.149	0.099	0.059	0.205	0.053
Fluorene	0.010	0.020	0.027	0.024	0.012J	0.062	0.010J
Naphthalene	0.010	0.020	0.026	0.025	ND	0.058	ND
Phenanthrene	0.010	0.020	0.205	0.148	0.089	0.314	0.072
Pyrene	0.010	0.020	0.115	0.069	0.042	0.153	0.039

Our Lab I.D.			AE99791	AE99792	AE99793	AE99794	AE99795
Surrogates	**Con.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
p-Terphenyl-D14	75-125		84	90	96	87	84

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ANALYTICAL RESULTS

Ordered By

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Telephone: (562)989-4045
Attn: Diane Galvan

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AETL Job Number	Submitted	Client
19078	06/12/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06132001-1 / 06132001-1

Our Lab I.D.			AE99796	AE99797	AE99798	AE99799	AE99800
Client Sample I.D.			051578-047A	051578-053A	051578-054A	051578-055A	051578-056A
Date Sampled			06/08/2001	06/08/2001	06/08/2001	06/08/2001	06/08/2001
Date Prepared			06/13/2001	06/13/2001	06/13/2001	06/13/2001	06/13/2001
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			06/15/2001	06/15/2001	06/15/2001	06/15/2001	06/15/2001
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Benzo(a)anthracene	0.010	0.020	ND	ND	0.403	0.496	ND
Benzo(a)pyrene	0.010	0.020	0.010J	0.029	0.552	0.595	0.013J
Benzo(b)fluoranthene	0.010	0.020	0.013J	0.043	0.599	0.672	0.018J
Benzo(k)fluoranthene	0.010	0.020	ND	0.014J	0.282	0.311	ND
Chrysene	0.010	0.020	0.014J	ND	0.416	0.434	0.012J
Dibenzo(a,h)anthracene	0.010	0.020	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.010	0.020	ND	0.019J	0.402	0.366	ND
Acenaphthene	0.010	0.020	ND	0.035	1.17	1.55	ND
Acenaphthylene	0.010	0.020	ND	ND	ND	ND	ND
Anthracene	0.010	0.020	ND	0.011J	0.546	0.715	ND
Benzo(ghi)perylene	0.010	0.020	ND	ND	0.355	0.388	ND
Fluoranthene	0.010	0.020	0.034	0.097	2.50	2.77	0.033
Fluorene	0.010	0.020	ND	0.025	1.01	1.29	ND
Naphthalene	0.010	0.020	ND	0.035	0.603	1.36	ND
Phenanthrene	0.010	0.020	0.048	0.141	4.33	5.00	0.042
Pyrene	0.010	0.020	0.027	0.076	1.69	1.80	0.028

Our Lab I.D.			AE99796	AE99797	AE99798	AE99799	AE99800
Surrogates	**Con.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
p-Terphenyl-D14	75-125		92	79	83	86	92

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AETL Job Number	Submitted	Client
19078	06/12/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06132001-1 / 06132001-1

Our Lab I.D.			AE99801				
Client Sample I.D.			051578-057A				
Date Sampled			06/08/2001				
Date Prepared			06/13/2001				
Preparation Method			3550B				
Date Analyzed			06/15/2001				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	**MDL**	**PQL**	**Results**				
Benzo(a)anthracene	0.010	0.020	ND				
Benzo(a)pyrene	0.010	0.020	ND				
Benzo(b)fluoranthene	0.010	0.020	ND				
Benzo(k)fluoranthene	0.010	0.020	ND				
Chrysene	0.010	0.020	ND				
Dibenzo(a,h)anthracene	0.010	0.020	ND				
Indeno(1,2,3-cd)pyrene	0.010	0.020	ND				
Acenaphthene	0.010	0.020	ND				
Acenaphthylene	0.010	0.020	ND				
Anthracene	0.010	0.020	ND				
Benzo(ghi)perylene	0.010	0.020	ND				
Fluoranthene	0.010	0.020	0.013J				
Fluorene	0.010	0.020	ND				
Naphthalene	0.010	0.020	ND				
Phenanthrene	0.010	0.020	0.012J				
Pyrene	0.010	0.020	0.011J				

Our Lab I.D.			AE99801				
Surrogates	**Con.Limit**		**% Rec.**				
p-Terphenyl-D14	75-125		104				

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AETL Job Number	Submitted	Client
19078	06/12/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QUALITY CONTROL REPORT

QC Batch Number: 06132001 / 06132001

Analytes	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit	
Benzo(a)anthracene	50.00	42.50	85	50.00	42.50	85	<1	75-125	<20	
Benzo(a)pyrene	50.00	42.00	84	50.00	44.00	88	4.6	75-125	<20	
Naphthalene	500.00	395.00	79	500.00	395.00	79	<1	75-125	<20	

QC Batch Number: 06132001 / 06132001

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Benzo(a)anthracene	50.00	44.00	88	75-125						
Benzo(a)pyrene	50.00	43.50	87	75-125						
Naphthalene	500.00	415.00	83	75-125						
LCS										
Acenaphthene	500.00	490.00	98	75-125						
Acenaphthylene	500.00	480.00	96	75-125						
Anthracene	500.00	495.00	99	75-125						
Benzo(b)fluoranthene	50.00	45.00	90	75-125						
Benzo(ghi)perylene	50.00	50.50	101	75-125						
Benzo(k)fluoranthene	25.00	22.50	90	75-125						
Chrysene	50.00	46.00	92	75-125						
Dibenzo(a,h)anthracene	50.00	46.00	92	75-125						
Fluoranthene	50.00	46.50	93	75-125						
Fluorene	500.00	495.00	99	75-125						
Indeno(1,2,3-cd)pyrene	50.00	48.50	97	75-125						
Phenanthrene	500.00	520.00	104	75-125						
Pyrene	50.00	49.50	99	75-125						

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AETL Job Number	Submitted	Client
19078	06/12/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QUALITY CONTROL REPORT

QC Batch Number: 06132001-1 / 06132001-1

Analytes	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit	
Benzo(a)anthracene	50.00	45.00	90	50.00	44.50	89	1.1	75-125	<20	
Benzo(a)pyrene	50.00	43.50	87	50.00	42.00	84	3.5	75-125	<20	
Naphthalene	500.00	400.00	80	500.00	395.00	79	1.2	75-125	<20	

QC Batch Number: 06132001-1 / 06132001-1

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Benzo(a)anthracene	50.00	46.00	92	75-125						
Benzo(a)pyrene	50.00	44.00	88	75-125						
Naphthalene	500.00	410.00	82	75-125						
LCS										
Acenaphthene	500.00	500.00	100	75-125						
Acenaphthylene	500.00	500.00	100	75-125						
Anthracene	500.00	515.00	103	75-125						
Benzo(b)fluoranthene	50.00	46.00	92	75-125						
Benzo(ghi)perylene	50.00	49.50	99	75-125						
Benzo(k)fluoranthene	25.00	23.00	92	75-125						
Chrysene	50.00	49.00	98	75-125						
Dibenzo(a,h)anthracene	50.00	50.00	100	75-125						
Fluoranthene	50.00	48.50	97	75-125						
Fluorene	500.00	475.00	95	75-125						
Indeno(1,2,3-cd)pyrene	50.00	47.50	95	75-125						
Phenanthrene	500.00	525.00	105	75-125						
Pyrene	50.00	48.50	97	75-125						

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Data Qualifiers and Descriptors

Data Qualifier:

B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).

Definition:

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit
MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

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Signal Hill, CA 90807

Number of Pages 4
Date Received 06/13/2001
Date Reported 06/20/2001

Telephone: (562)989-4045
Attention: Diane Galvan

Job Number	Order Date	Client
19086	06/13/2001	ATL

Enclosed please find results of analyses of 5 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: Gary Nicoli

Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

Advanced Technology Laboratorie
3275 Walnut Street
Signal Hill, California 90807-
(562) 989-4045

SUB CHAIN-OF-CUSTODY RECORD

Subcontractor:
AETL
2834 North Naomi Street

Burbank, CA 91504

TEL: (818) 845-8200
FAX: (818) 845-8840

Acct #:

19086

QClevel: CT-TR1

12-Jun-01

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests					
051578-058A \ MD9-0	Soil	06/08/2001 2:50:00 PM	TUBE	8310	AE 99868				
051578-059A \ MD9-1	Soil	06/08/2001 2:50:00 PM	TUBE		AE 99869				
051578-060A \ MD9-3	Soil	06/08/2001 2:50:00 PM	TUBE		AE 99870				
051578-063A \ MD15-1	Soil	06/08/2001	TUBE		AE 99871				
051578-064A \ MD15-3	Soil	06/08/2001	TUBE		AE 99872				

Comments: Please include in PO #21422. Return signed copy to FAX 989-4040.

		Date/Time			Date/Time
Relinquished by:	AM	6/12/01	**Received by:**	JTA	6/13/01
Relinquished by:	JTA	6/13/01	**Received by:**		6/13/01 11:50

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ANALYTICAL RESULTS

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Attn: Diane Galvan

Page: 2

AETL Job Number	Submitted	Client
19086	06/13/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06182001 / 06182001

Our Lab I.D.							
Client Sample I.D.			Method Blank				
Date Sampled			06/08/2001				
Date Prepared			06/18/2001				
Preparation Method			3550B				
Date Analyzed			06/19/2001				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	**MDL**	**PQL**	**Results**				
Benzo(a)anthracene	0.010	0.020	ND				
Benzo(a)pyrene	0.010	0.020	ND				
Benzo(b)fluoranthene	0.010	0.020	ND				
Benzo(k)fluoranthene	0.010	0.020	ND				
Chrysene	0.010	0.020	ND				
Dibenzo(a,h)anthracene	0.010	0.020	ND				
Indeno(1,2,3-cd)pyrene	0.010	0.020	ND				
Acenaphthene	0.010	0.020	ND				
Acenaphthylene	0.010	0.020	ND				
Anthracene	0.010	0.020	ND				
Benzo(ghi)perylene	0.010	0.020	ND				
Fluoranthene	0.010	0.020	ND				
Fluorene	0.010	0.020	ND				
Naphthalene	0.010	0.020	ND				
Phenanthrene	0.010	0.020	ND				
Pyrene	0.010	0.020	ND				

Our Lab I.D.							
Surrogates	**Con.Limit**		**% Rec.**				
p-Terphenyl-D14	75-125		96				

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Attn: Diane Galvan

Page: 3

AETL Job Number	Submitted	Client
19086	06/13/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06182001 / 06182001

Our Lab I.D.			AE99868	AE99869	AE99870	AE99871	AE99872
Client Sample I.D.			051578-058A	051578-059A	051578-060A	051578-063A	051578-064A
Date Sampled			06/08/2001	06/08/2001	06/08/2001	06/08/2001	06/08/2001
Date Prepared			06/18/2001	06/18/2001	06/18/2001	06/18/2001	06/18/2001
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			06/19/2001	06/19/2001	06/20/2001	06/20/2001	06/20/2001
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			2	2	2	2	2
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Benzo(a)anthracene	0.020	0.040	ND	ND	ND	ND	ND
Benzo(a)pyrene	0.020	0.040	0.027J	0.026J	ND	0.039J	0.036J
Benzo(b)fluoranthene	0.020	0.040	0.050	0.045	0.027J	0.065	0.070
Benzo(k)fluoranthene	0.020	0.040	ND	ND	ND	ND	ND
Chrysene	0.020	0.040	0.046	0.036J	0.029J	0.066	0.073
Dibenzo(a,h)anthracene	0.020	0.040	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.020	0.040	0.024J	0.032J	ND	ND	ND
Acenaphthene	0.020	0.040	ND	ND	ND	ND	ND
Acenaphthylene	0.020	0.040	ND	ND	ND	ND	ND
Anthracene	0.020	0.040	ND	ND	ND	ND	0.038J
Benzo(ghi)perylene	0.020	0.040	ND	ND	ND	ND	ND
Fluoranthene	0.020	0.040	0.071	0.057	0.056	0.061	0.086
Fluorene	0.020	0.040	ND	ND	ND	ND	0.025J
Naphthalene	0.020	0.040	ND	ND	ND	ND	ND
Phenanthrene	0.020	0.040	0.105	0.087	0.021J	0.081	0.097
Pyrene	0.020	0.040	0.073	0.067	0.053	0.070	0.100

Our Lab I.D.			AE99868	AE99869	AE99870	AE99871	AE99872
Surrogates	**Con.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
p-Terphenyl-D14	75-125		88	80	84	105	83

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Attn: Diane Galvan

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AETL Job Number	Submitted	Client
19086	06/13/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QUALITY CONTROL REPORT

QC Batch Number: 06182001 / 06182001

Analytes	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit	
Benzo(a)anthracene	50.00	49.00	98	50.00	45.00	90	8.5	75-125	<20	
Benzo(a)pyrene	50.00	45.00	90	50.00	43.00	86	4.5	75-125	<20	
Naphthalene	500.00	405.00	81	500.00	390.00	78	3.7	75-125	<20	

QC Batch Number: 06182001 / 06182001

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Benzo(a)anthracene	50.00	43.50	87	75-125						
Benzo(a)pyrene	50.00	42.50	85	75-125						
Naphthalene	500.00	405.00	81	75-125						
LCS										
Acenaphthene	500.00	505.00	101	75-125						
Acenaphthylene	500.00	470.00	94	75-125						
Anthracene	500.00	505.00	101	75-125						
Benzo(b)fluoranthene	50.00	44.50	89	75-125						
Benzo(ghi)perylene	50.00	48.50	97	75-125						
Benzo(k)fluoranthene	25.00	23.50	94	75-125						
Chrysene	50.00	47.00	94	75-125						
Dibenzo(a,h)anthracene	50.00	47.00	94	75-125						
Fluoranthene	50.00	48.50	97	75-125						
Fluorene	500.00	460.00	92	75-125						
Indeno(1,2,3-cd)pyrene	50.00	45.50	91	75-125						
Phenanthrene	500.00	535.00	107	75-125						
Pyrene	50.00	48.00	96	75-125						

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Data Qualifiers and Descriptors

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E:	Result is beyond calibration limits and is estimated.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).

Definition:

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%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit
MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

Advanced Technology Laboratories

Print Date: *25-Jun-01*

CLIENT:	Geocon Environmental	**Test No:**	WET/ EPA 7420
Lab Order:	051578	**Units:**	mg/L
Project:	Oakland Mole - E8000-06-13	**Analyst:**	NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051578-001A	MD1-0	Solid/ STLC Extract	6/8/01	4676	9.2	0.15		1	6/24/01
051578-002A	MD1-0.3	Solid/ STLC Extract	6/8/01	4676	4.3	0.15		1	6/24/01
051578-003A	MD2-0	Solid/ STLC Extract	6/8/01	4676	7.8	0.15		1	6/24/01
051578-005A	MD3-0	Solid/ STLC Extract	6/8/01	4676	5.4	0.15		1	6/24/01
051578-006A	MD3-0.3	Solid/ STLC Extract	6/8/01	4676	4.8	0.15		1	6/24/01
051578-007A	MD3-0.9	Solid/ STLC Extract	6/8/01	4676	17	0.3		2	6/24/01
051578-008A	MD4-0	Solid/ STLC Extract	6/8/01	4676	5.7	0.15		1	6/24/01
051578-009A	MD4-0.3	Solid/ STLC Extract	6/8/01	4676	6.2	0.15		1	6/24/01
051578-010A	MD5-0	Solid/ STLC Extract	6/8/01	4676	3.2	0.15		1	6/24/01
051578-012A	ED1-0	Solid/ STLC Extract	6/8/01	4676	8.8	0.15		1	6/24/01
051578-013A	ED1-0.3	Solid/ STLC Extract	6/8/01	4676	11	0.15		1	6/24/01
051578-014A	ED1-0.6	Solid/ STLC Extract	6/8/01	4676	5.2	0.15		1	6/24/01

Qualifiers:

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: [illegible]

Advanced Technology Laboratories

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Advanced Technology Laboratories

Print Date: *25-Jun-01*

CLIENT:	Geocon Environmental	**Test No:**	WET/ EPA 7420
Lab Order:	051578	**Units:**	mg/L
Project:	Oakland Mole - E8000-06-13	**Analyst:**	NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051578-015A	MD6-0	Solid/ STLC Extract	6/8/01	4676	3.1	0.15		1	6/24/01
051578-017A	MD6-0.6	Solid/ STLC Extract	6/8/01	4676	9.3	0.15		1	6/24/01
051578-018A	ED2-0	Solid/ STLC Extract	6/8/01	4676	6.9	0.15		1	6/24/01
051578-019A	ED2-0.3	Solid/ STLC Extract	6/8/01	4676	2.7	0.15		1	6/24/01
051578-020A	MD7-0	Solid/ STLC Extract	6/8/01	4676	20	0.3		2	6/24/01
051578-021A	MD7-0.3	Solid/ STLC Extract	6/8/01	4676	26	0.3		2	6/24/01
051578-022A	MD7-0.6	Solid/ STLC Extract	6/8/01	4676	10	0.15		1	6/24/01
051578-023A	ED3-0	Solid/ STLC Extract	6/8/01	4676	5.1	0.15		1	6/24/01
051578-024A	ED3-0.3	Solid/ STLC Extract	6/8/01	4677	6.1	0.15		1	6/24/01
051578-025A	MD8-0	Solid/ STLC Extract	6/8/01	4677	12	0.15		1	6/24/01
051578-027A	ED4-0	Solid/ STLC Extract	6/8/01	4677	8.2	0.15		1	6/24/01
051578-028A	ED4-0.3	Solid/ STLC Extract	6/8/01	4677	4.2	0.15		1	6/24/01

Qualifiers:

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
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Initials: ____

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Advanced Technology Laboratories

Print Date: *25-Jun-01*

CLIENT:	Geocon Environmental	**Test No:**	WET/ EPA 7420
Lab Order:	051578	**Units:**	mg/L
Project:	Oakland Mole - E8000-06-13	**Analyst:**	NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051578-029A	ED4-0.6	Solid/ STLC Extract	6/8/01	4677	3.4	0.15		1	6/24/01
051578-030A	E23R-0	Solid/ STLC Extract	6/8/01	4677	34	0.45		3	6/24/01
051578-031A	E23L-0	Solid/ STLC Extract	6/8/01	4677	23	0.3		2	6/24/01
051578-032A	E23C-0	Solid/ STLC Extract	6/8/01	4677	10	0.15		1	6/24/01
051578-033A	E23AL-0	Solid/ STLC Extract	6/8/01	4677	19	0.3		2	6/24/01
051578-034A	E23AR-0	Solid/ STLC Extract	6/8/01	4677	14	0.15		1	6/24/01
051578-035A	E24R-0	Solid/ STLC Extract	6/8/01	4677	10	0.15		1	6/24/01
051578-036A	E24L-0	Solid/ STLC Extract	6/8/01	4677	10	0.15		1	6/24/01
051578-037A	E24C-0	Solid/ STLC Extract	6/8/01	4677	14	0.15		1	6/24/01
051578-038A	E24AL-0	Solid/ STLC Extract	6/8/01	4677	11	0.15		1	6/24/01
051578-039A	E24AR-0	Solid/ STLC Extract	6/8/01	4677	31	0.45		3	6/24/01
051578-040A	E25R-0	Solid/ STLC Extract	6/8/01	4677	11	0.15		1	6/24/01

Qualifiers:

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DO - Surrogate Diluted Out
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Initials: _____

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Advanced Technology Laboratories

Print Date: *25-Jun-01*

CLIENT:	Geocon Environmental	**Test No:**	WET/ EPA 7420
Lab Order:	051578	**Units:**	mg/L
Project:	Oakland Mole - E8000-06-13	**Analyst:**	NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051578-041A	E25L-0	Solid/ STLC Extract	6/8/01	4677	7.7	0.15		1	6/24/01
051578-042A	E25C-0	Solid/ STLC Extract	6/8/01	4677	6.6	0.15		1	6/24/01
051578-043A	E25AL-0	Solid/ STLC Extract	6/8/01	4677	6.2	0.15		1	6/24/01
051578-044A	E25AR-0	Solid/ STLC Extract	6/8/01	4677	7.9	0.15		1	6/24/01
051578-045A	E26R-0	Solid/ STLC Extract	6/8/01	4678	13	0.15		1	6/24/01
051578-046A	E26C-0	Solid/ STLC Extract	6/8/01	4678	6.1	0.15		1	6/24/01
051578-047A	E26L-0	Solid/ STLC Extract	6/8/01	4678	7.1	0.15		1	6/24/01
051578-048A	E26AL-0	Solid/ STLC Extract	6/8/01	4678	4.4	0.15		1	6/24/01
051578-049A	E26AR-0	Solid/ STLC Extract	6/8/01	4678	12	0.15		1	6/24/01
051578-050A	E27L-0	Solid/ STLC Extract	6/8/01	4678	6.2	0.15		1	6/24/01
051578-051A	E27R-0	Solid/ STLC Extract	6/8/01	4678	16	0.3		2	6/24/01
051578-052A	E27C-0	Solid/ STLC Extract	6/8/01	4678	4.4	0.15		1	6/24/01

Qualifiers:

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DO - Surrogate Diluted Out
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Initials: _____

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Advanced Technology Laboratories

Print Date: *25-Jun-01*

CLIENT:	Geocon Environmental	**Test No:**	WET/ EPA 7420
Lab Order:	051578	**Units:**	mg/L
Project:	Oakland Mole - E8000-06-13	**Analyst:**	NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051578-053A	E27AL-0	Solid/ STLC Extract	6/8/01	4678	16	0.3		2	6/24/01
051578-054A	E27AR-0	Solid/ STLC Extract	6/8/01	4678	14	0.15		1	6/24/01
051578-055A	E28R-0	Solid/ STLC Extract	6/8/01	4678	27	0.3		2	6/24/01
051578-058A	MD9-0	Solid/ STLC Extract	6/8/01	4678	13	0.15		1	6/24/01
051578-059A	MD9-1	Solid/ STLC Extract	6/8/01	4678	7.4	0.15		1	6/24/01
051578-060A	MD9-3	Solid/ STLC Extract	6/8/01	4678	10	0.15		1	6/24/01
051578-063A	MD15-1	Solid/ STLC Extract	6/8/01	4678	6.2	0.15		1	6/24/01
051578-064A	MD15-3	Solid/ STLC Extract	6/8/01	4678	6.6	0.15		1	6/24/01

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Advanced Technology Laboratories

Print Date: *6/25/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD9-1
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:50:00 PM
Lab ID:	051578-059A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**WET/ EPA 6010B**			
RunID: **ICP2_010625A**	BatchID: **4698**			PrepDate: **6/20/01**		Analyst: **RQ**
Chromium	ND	1.0		mg/L	10	6/25/01

Qualifiers:

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DO - Surrogate Diluted Out
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Initials: _____

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Print Date: *6/25/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD15-3
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01
Lab ID:	051578-064A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS				**WET/ EPA 6010B**		
RunID: **ICP2_010625A** BatchID: **4698**				PrepDate: **6/20/01**		Analyst: **RQ**
Arsenic	ND	1.0		mg/L	10	6/25/01

Qualifiers:

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
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Initials: _____

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Advanced Technology Laboratories

Date: *25-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4698** Batch ID: **4698** Test Name **ICP METALS** Units **mg/L** Analysis Date: **6/25/01** Prep Date: **6/20/01**
MBLK SeqNo: **151709**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.10		0				0			
Chromium	ND	0.10		0				0			
Lead	ND	0.10		0				0			

Sample ID **MB-4676** Batch ID: **4676** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
mblk SeqNo: **151397**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15		0				0			

Sample ID **MB-4676A STLC** Batch ID: **4676** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
mblk SeqNo: **151398**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15	0	0	0	0	0	0			

Sample ID **MB-4676B** Batch ID: **4676** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
mblk SeqNo: **151411**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15	0	0	0	0	0	0			

Qualifiers:
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B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4677** Batch ID: **4677** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
MBLK SeqNo: **151426**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15		0				0			

Sample ID **MB-4677ASTLC** Batch ID: **4677** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
MBLK SeqNo: **151427**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15	0	0	0	0	0	0			

Sample ID **MB-4677BSTLC** Batch ID: **4677** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
MBLK SeqNo: **151439**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15	0	0	0	0	0	0			

Sample ID **MB-4678** Batch ID: **4678** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
MBLK SeqNo: **151455**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15		0				0			

Sample ID **MB-4678ASTLC** Batch ID: **4678** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
MBLK SeqNo: **151456**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15		0				0			

Qualifiers:
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4678BSTLC** Batch ID: **4678** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**

MBLK SeqNo: **151468**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

Advanced Technology Laboratories
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Advanced Technology Laboratories

Date: *25-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051509-006ADU** Batch ID: **4698** Test Name **ICP METALS** Units **mg/L** Analysis Date: **6/25/01** Prep Date: **6/20/01**
DUP SeqNo: **151716**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.1	1.0	0	0	0	0	0	0.1	0	30	J
Chromium	1.6	1.0	0	0	0	0	0	1.7	6	30	
Lead	ND	1.0	0	0	0	0	0	0	0	30	

Sample ID **051578-012ADU** Batch ID: **4676** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
DUP SeqNo: **151409**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	8	0.15	0	0	0	0	0	8.8	9	30	

Sample ID **051578-023ADU** Batch ID: **4676** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
DUP SeqNo: **151422**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.2	0.15	0	0	0	0	0	5.1	2	30	

Sample ID **051578-034ADU** Batch ID: **4677** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
DUP SeqNo: **151437**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.8	0.15	0	0	0	0	0	14	35	30	R

Qualifiers:
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DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Duplicate

Sample ID **051578-044ADU** Batch ID: **4677** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
DUP SeqNo: **151450**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	8.8	0.15	0	0	0	0	0	7.9	11	30	

Sample ID **051578-064ADU** Batch ID: **4678** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
DUP SeqNo: **151475**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	6.6	0.15	0	0	0	0	0	6.6	1	30	

Sample ID **051578-054ADU** Batch ID: **4678** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
DUP SeqNo: **151478**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	17	0.30	0	0	0	0	0	14	23	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

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Advanced Technology Laboratories
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Advanced Technology Laboratories

Date: *25-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051509-006AMS** Batch ID: **4698** Test Name **ICP METALS** Units **mg/L** Analysis Date: **6/25/01** Prep Date: **6/20/01**
MS SeqNo: **151717**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	25	1.0	25	0.1	101	67	114	0			
Chromium	25	1.0	25	1.7	94	68	118	0			
Lead	23	1.0	25	0	92	66	118	0			

Sample ID **051509-006AMS** Batch ID: **4698** Test Name **ICP METALS** Units **mg/L** Analysis Date: **6/25/01** Prep Date: **6/20/01**
MSD SeqNo: **151718**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	26	1.0	25	0.1	102	67	114	25	2	20	
Chromium	26	1.0	25	1.7	95	68	118	25	3	20	
Lead	23	1.0	25	0	92	66	118	23	0	20	

Sample ID **051578-012AMS** Batch ID: **4676** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
MS SeqNo: **151410**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	13	0.15	5	8.8	89	80	120	0			

Sample ID **051578-023AMS** Batch ID: **4676** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
MS SeqNo: **151423**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.7	0.15	5	5.1	93	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank
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Initials: ____

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **051578-034AMS** Batch ID: **4677** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**

MS SeqNo: **151438**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	25	0.30	10	14	106	80	120	0			

Sample ID **051578-044AMS** Batch ID: **4677** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**

MS SeqNo: **151451**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	12	0.15	5	7.9	86	80	120	0			

Sample ID **051578-054AMS** Batch ID: **4678** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**

MS SeqNo: **151467**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	23	0.30	10	14	87	80	120	0			

Sample ID **051578-064AMS** Batch ID: **4678** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**

MS SeqNo: **151476**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	11	0.15	5	6.6	93	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *25-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4698** Batch ID: **4698** Test Name **ICP METALS** Units **mg/L** Analysis Date: **6/25/01** Prep Date: **6/20/01**
LCS SeqNo: **151710**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.95	0.10	1	0	95	80	120	0			
Chromium	0.93	0.10	1	0	93	80	120	0			
Lead	0.87	0.10	1	0	87	80	120	0			

Sample ID **LCS-4676** Batch ID: **4676** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
lcs SeqNo: **151425**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.2	0.15	10	0	92	80	120	0			

Sample ID **LCS-4677** Batch ID: **4677** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
LCS SeqNo: **151453**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.3	0.15	10	0.12	92	80	120	0			

Sample ID **LCS-4678** Batch ID: **4678** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
LCS SeqNo: **151479**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.8	0.15	10	0	98	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

FAX

Date 12 JUN 01

Number of pages including cover sheet 1

TO: ATL
ADRIAN

Phone
Fax Phone

CC:

FROM: MARK HASTING

GEOCON CONSULTANTS, INC.
2356 Research Drive
Livermore, California 94550
Phone 925.371.5900
Fax Phone 925.371.5915

REMARKS: ☐ Urgent ☐ For your review ☐ Reply ASAP ☐ Please Comment

Please include:

MO15-1
MO15-3
WITH THE SAMPLES COLLECTED ON 8 JUNE 2001

Thanks

mah

Diane

From: Geocon - East Bay Office (Livermore) [geoconeb@jps.net]
Sent: Wednesday, June 20, 2001 12:18 PM
To: Diane (ATL)
Subject: Additional analysis for Oakland Mole

Diane,

Attached is a list of additional TCLP and WET test that we would like performed.

Let me know if there are any problems.

Thanks.

Mark

Lab ID	Sample ID	Depth	Constituents	Total (mg/kg)
		For Wet Test		
051567-025A	AR2	0.3	Lead	280
051567-026A	AR2	0.9	Lead	140
051567-027A	AR4	0	Lead	330
051567-028A	AR4	0.3	Cadmium	16
051567-028A	AR4	0.3	Chromium	60
051567-028A	AR4	0.3	Copper	1700
051567-038A	DB2	0	Lead	360
051567-037A	DB2	0.9	Lead	380
051567-034A	DB4	0.3	Lead	66
051567-035A	DB4	0.9	Lead	63
051578-033A	E23AL	0	Lead	170
051578-034A	E23AR	0	Lead	300
051578-037A	E24C	0	Lead	160
051578-036A	E24L	0	Lead	120
051578-035A	E24R	0	Lead	110
051578-043A	E25AL	0	Lead	66
051578-044A	E25AR	0	Lead	100
051578-046A	E26C	0	Lead	57
051578-047A	E26L	0	Lead	62
051578-045A	E26R	0	Lead	70
051578-053A	E27AL	0	Lead	210
051578-054A	E27AR	0	Lead	84
051578-055A	E28R	0	Lead	260
051578-018A	ED2	0	Lead	67
051578-019A	ED2	0.3	Lead	50
051578-027A	ED4	0	Lead	96
051578-028A	ED4	0.3	Lead	54
051578-029A	ED4	0.6	Lead	72
051578-001A	MD1	0	Lead	130
051578-002A	MD1	0.3	Lead	120
051578-005A	MD3	0	Lead	70
051578-006A	MD3	0.3	Lead	110
051578-007A	MD3	0.9	Lead	120
051578-010A	MD5	0	Lead	66
051578-020A	MD7	0	Lead	230
051578-021A	MD7	0.3	Lead	320
051578-022A	MD7	0.6	Lead	150
051578-058A	MD9	0	Lead	130
051578-059A	MD9	0.3	Chromium	54
051578-059A	MD9	0.3	Lead	320
051578-060A	MD9	0.9	Lead	130
051567-045A	MD15	0	Lead	230

051578-063A	MD15	0.3	Lead	81
051578-064A	MD15	0.9	Arsenic	140
051578-064A	MD15	0.9	Lead	110
051567-057A	MD17	0	Lead	200
051567-001A	PL3	0	Lead	68
051539-004A	SS2	0	Lead	260
051539-005A	SS2	0.3	Lead	260
051539-006A	SS2	0.9	Lead	180
051567-016A	SS4	0	Chromium	460
051567-016A	SS4	0	Copper	2100
051567-016A	SS4	0	Nickel	820
051567-013A	SS4	0.3	Chromium	78
051567-013A	SS4	0.3	Copper	1800
051567-015A	SS4	0.9	Copper	250
051539-011A	UT2	0	Lead	130
051539-012A	UT2	0.3	Lead	210
051539-013A	UT2	0.9	Lead	400
051539-019A	UT4	0.3	Lead	180
051539-020A	UT4	0.9	Lead	160
051539-024A	UT6	0	Lead	110
051539-025A	UT6	0.3	Lead	420
051539-031A	UT14	0	Chromium	57
051567-048A	UT16	0	Chromium	62
051567-046A	UT16	0.3	Chromium	62
051567-047A	UT16	0.9	Lead	120
051567-053A	UT18	0	Lead	200
051567-054A	UT18	0.3	Lead	62
051567-056A	UT18	1.5	Lead	180
051567-030A	AR1	0	Lead	290
051567-031A	AR1	0.3	Lead	170
051567-032A	AR1	0.9	Lead	250
051567-022A	AR3	0.3	Lead	390
051567-039A	DB1	0	Lead	690
051578-032A	E23C	0	Lead	91
051578-031A	E23L	0	Lead	230
051578-030A	E23R	0	Lead	280
051578-038A	E24AL	0	Lead	78
051578-039A	E24AR	0	Lead	140
051578-042A	E25C	0	Lead	66
051578-041A	E25L	0	Lead	55
051578-040A	E25R	0	Lead	80
051578-048A	E26AL	0	Lead	51
051578-049A	E26AR	0	Lead	160
051578-052A	E27C	0	Lead	50

051578-050A	E27L	0 Lead	87
051578-051A	E27R	0 Lead	110
051578-012A	ED1	0 Lead	120
051578-013A	ED1	0.3 Lead	120
051578-014A	ED1	0.6 Lead	73
051578-023A	ED3	0 Lead	57
051578-024A	ED3	0.3 Lead	62
051578-003A	MD2	0 Lead	76
051578-008A	MD4	0 Lead	57
051578-009A	MD4	0.3 Lead	55
051578-015A	MD6	0 Lead	52
051578-017A	MD6	0.6 Lead	130
051578-025A	MD8	0 Lead	95
051567-061A	MD16	0 Lead	67
051567-059A	MD18	0 Lead	150
051567-060A	MD18	0.3 Lead	120
051567-005A	PL4	0.3 Lead	50
051567-006A	PL4	0.9 Lead	60
051539-001A	SS1	0 Lead	74
051539-003A	SS1	0.3 Lead	160
051567-017A	SS3	0 Lead	140
051567-018A	SS3	0.3 Lead	460
051539-007A	UT1	0 Lead	110
051539-008A	UT1	0.3 Lead	670
051539-009A	UT1	0.9 Lead	900
051539-014A	UT3	0 Lead	94
051539-015A	UT3	0.3 Lead	52
051539-022A	UT5	0.3 Lead	350
051539-023A	UT5	0.9 Lead	110
051567-049A	UT17	0 Lead	62
	For TCLP Analysis		
051567-028A	AR4	0.3 Lead	3500
051567-036A	DB2	0.3 Lead	1500
051567-016A	SS4	0 Lead	6400
051567-013A	SS4	0.3 Lead	2400
051567-014A	SS4	0.9 Lead	1100
051567-021A	AR3	0 Lead	1700
051567-046A	DB1	0.3 Lead	1500

June 13, 2001

Matt Hanko
Geocon Environmental
2356 Research Drive
Livermore, CA 94550
TEL: (925) 371-5900
FAX (925) 371-5915

ELAP No: 1838

RE: Oakland Mole - E8000-06-13

Work Order No.: 051578

Attention: Matt Hanko

Enclosed are the results for sample(s) received on June 11, 2001 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Edgar Caballero
Laboratory Director

This cover letter and a case narrative are an integral part of this analytical report.

CLIENT: Geocon Environmental
Project: Oakland Mole - E8000-06-13
Lab Order: 051578

CASE NARRATIVE

Sample MD9-W was not received by the laboratory.

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *13-Jun-01*

CLIENT: Geocon Environmental
Lab Order: 051578
Project: Oakland Mole - E8000-06-13

Test No: EPA 6010B
Units: mg/Kg
Analyst: RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051578-003A	MD2-0	Soil	6/8/01	4550	76	5		1	6/13/01
051578-004A	MD2-0.3	Soil	6/8/01	4550	30	5		1	6/13/01
051578-008A	MD4-0	Soil	6/8/01	4550	57	5		1	6/13/01
051578-009A	MD4-0.3	Soil	6/8/01	4550	55	5		1	6/13/01
051578-012A	ED1-0	Soil	6/8/01	4550	120	5		1	6/13/01
051578-013A	ED1-0.3	Soil	6/8/01	4550	120	5		1	6/13/01
051578-014A	ED1-0.6	Soil	6/8/01	4550	73	5		1	6/13/01
051578-015A	MD6-0	Soil	6/8/01	4550	52	5		1	6/13/01
051578-016A	MD6-0.3	Soil	6/8/01	4550	45	5		1	6/13/01
051578-017A	MD6-0.6	Soil	6/8/01	4550	130	5		1	6/13/01
051578-023A	ED3-0	Soil	6/8/01	4550	62	5		1	6/13/01
051578-024A	ED3-0.3	Soil	6/8/01	4550	57	5		1	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RP

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *13-Jun-01*

CLIENT:	Geocon Environmental	**Test No:**	EPA 6010B
Lab Order:	051578	**Units:**	mg/Kg
Project:	Oakland Mole - E8000-06-13	**Analyst:**	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051578-025A	MD8-0	Soil	6/8/01	4550	95	5		1	6/13/01
051578-026A	MD8-0.3	Soil	6/8/01	4550	40	5		1	6/13/01
051578-030A	E23R-0	Soil	6/8/01	4550	280	5		1	6/13/01
051578-031A	E23L-0	Soil	6/8/01	4550	230	5		1	6/13/01
051578-032A	E23C-0	Soil	6/8/01	4550	91	5		1	6/13/01
051578-038A	E24AL-0	Soil	6/8/01	4550	78	5		1	6/13/01
051578-039A	E24AR-0	Soil	6/8/01	4550	140	5		1	6/13/01
051578-040A	E25R-0	Soil	6/8/01	4550	80	5		1	6/13/01
051578-041A	E25L-0	Soil	6/8/01	4551	55	5		1	6/13/01
051578-042A	E25C-0	Soil	6/8/01	4551	66	5		1	6/13/01
051578-048A	E26AL-0	Soil	6/8/01	4551	51	5		1	6/13/01
051578-049A	E26AR-0	Soil	6/8/01	4551	160	5		1	6/13/01

Qualifiers:

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E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *13-Jun-01*

CLIENT:	Geocon Environmental	**Test No:**	EPA 6010B
Lab Order:	051578	**Units:**	mg/Kg
Project:	Oakland Mole - E8000-06-13	**Analyst:**	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051578-050A	E27L-0	Soil	6/8/01	4551	87	5		1	6/13/01
051578-051A	E27R-0	Soil	6/8/01	4551	110	5		1	6/13/01
051578-052A	E27C-0	Soil	6/8/01	4551	50	5		1	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
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S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: [illegible]

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD1-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:26:00 AM
Lab ID:	051578-001A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613E** BatchID: **4541**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	0.28	0.25		mg/Kg	1.0	6/13/01
Arsenic	8.0	0.25		mg/Kg	1.0	6/13/01
Barium	36	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	24	0.15		mg/Kg	1.0	6/13/01
Cobalt	7.5	0.15		mg/Kg	1.0	6/13/01
Copper	30	0.15		mg/Kg	1.0	6/13/01
Lead	130	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	22	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.49	0.25		mg/Kg	1.0	6/13/01
Vanadium	21	0.15		mg/Kg	1.0	6/13/01
Zinc	87	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613E** BatchID: **4573**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT: Geocon Environmental
Client Sample ID: MD1-0.3
Lab Order: 051578
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 8:30:00 AM
Lab ID: 051578-002A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613E** BatchID: **4541**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	5.5	0.25		mg/Kg	1.0	6/13/01
Barium	84	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	20	0.15		mg/Kg	1.0	6/13/01
Cobalt	6.0	0.15		mg/Kg	1.0	6/13/01
Copper	36	0.15		mg/Kg	1.0	6/13/01
Lead	120	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	24	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	18	0.15		mg/Kg	1.0	6/13/01
Zinc	47	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613E** BatchID: **4573**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT: Geocon Environmental
Client Sample ID: MD3-0
Lab Order: 051578
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 8:51:00 AM
Lab ID: 051578-005A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613E** BatchID: **4541**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	9.5	0.25		mg/Kg	1.0	6/13/01
Barium	64	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	22	0.15		mg/Kg	1.0	6/13/01
Cobalt	6.0	0.15		mg/Kg	1.0	6/13/01
Copper	26	0.15		mg/Kg	1.0	6/13/01
Lead	70	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	26	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	21	0.15		mg/Kg	1.0	6/13/01
Zinc	78	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613E** BatchID: **4573**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT: Geocon Environmental
Client Sample ID: MD3-0.3
Lab Order: 051578
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 8:53:00 AM
Lab ID: 051578-006A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613E** BatchID: **4541**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	11	0.25		mg/Kg	1.0	6/13/01
Barium	72	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	26	0.15		mg/Kg	1.0	6/13/01
Cobalt	6.5	0.15		mg/Kg	1.0	6/13/01
Copper	28	0.15		mg/Kg	1.0	6/13/01
Lead	110	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	30	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	23	0.15		mg/Kg	1.0	6/13/01
Zinc	80	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613E** BatchID: **4573**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.10	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT: Geocon Environmental
Client Sample ID: MD3-0.9
Lab Order: 051578
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 8:57:00 AM
Lab ID: 051578-007A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613E** BatchID: **4541**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	0.26	0.25		mg/Kg	1.0	6/13/01
Arsenic	8.5	0.25		mg/Kg	1.0	6/13/01
Barium	86	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	20	0.15		mg/Kg	1.0	6/13/01
Cobalt	7.0	0.15		mg/Kg	1.0	6/13/01
Copper	78	0.15		mg/Kg	1.0	6/13/01
Lead	120	0.25		mg/Kg	1.0	6/13/01
Molybdenum	0.31	0.25		mg/Kg	1.0	6/13/01
Nickel	26	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	24	0.15		mg/Kg	1.0	6/13/01
Zinc	88	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613E** BatchID: **4573**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.11	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: R

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT: Geocon Environmental
Client Sample ID: MD5-0
Lab Order: 051578
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 9:18:00 AM
Lab ID: 051578-010A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613E** BatchID: **4541**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	43	0.25		mg/Kg	1.0	6/13/01
Barium	130	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	10	0.15		mg/Kg	1.0	6/13/01
Cobalt	6.0	0.15		mg/Kg	1.0	6/13/01
Copper	24	0.15		mg/Kg	1.0	6/13/01
Lead	66	0.25		mg/Kg	1.0	6/13/01
Molybdenum	0.50	0.25		mg/Kg	1.0	6/13/01
Nickel	8.5	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	1.5	0.15		mg/Kg	1.0	6/13/01
Thallium	2.0	0.25		mg/Kg	1.0	6/13/01
Vanadium	20	0.15		mg/Kg	1.0	6/13/01
Zinc	230	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613E** BatchID: **4573**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.40	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT: Geocon Environmental
Client Sample ID: MD5-0.3
Lab Order: 051578
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 9:22:00 AM
Lab ID: 051578-011A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613E** BatchID: **4541**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	23	0.25		mg/Kg	1.0	6/13/01
Barium	76	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	22	0.15		mg/Kg	1.0	6/13/01
Cobalt	5.5	0.15		mg/Kg	1.0	6/13/01
Copper	20	0.15		mg/Kg	1.0	6/13/01
Lead	45	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	18	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	1.0	0.25		mg/Kg	1.0	6/13/01
Vanadium	20	0.15		mg/Kg	1.0	6/13/01
Zinc	110	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613E** BatchID: **4573**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.21	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	ED2-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:18:00 AM
Lab ID:	051578-018A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613E** BatchID: **4541**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	6.0	0.25		mg/Kg	1.0	6/13/01
Barium	49	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	24	0.15		mg/Kg	1.0	6/13/01
Cobalt	5.5	0.15		mg/Kg	1.0	6/13/01
Copper	26	0.15		mg/Kg	1.0	6/13/01
Lead	67	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	27	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.44	0.25		mg/Kg	1.0	6/13/01
Vanadium	20	0.15		mg/Kg	1.0	6/13/01
Zinc	74	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613E** BatchID: **4573**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.15	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT: Geocon Environmental
Client Sample ID: ED2-0.3
Lab Order: 051578
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 10:21:00 AM
Lab ID: 051578-019A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613E** BatchID: **4541**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	5.5	0.25		mg/Kg	1.0	6/13/01
Barium	36	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	22	0.15		mg/Kg	1.0	6/13/01
Cobalt	4.5	0.15		mg/Kg	1.0	6/13/01
Copper	36	0.15		mg/Kg	1.0	6/13/01
Lead	50	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	24	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	18	0.15		mg/Kg	1.0	6/13/01
Zinc	66	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613E** BatchID: **4573**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RQ

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD7-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:57:00 AM
Lab ID:	051578-020A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613E** BatchID: **4541**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	8.0	0.25		mg/Kg	1.0	6/13/01
Barium	62	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	28	0.15		mg/Kg	1.0	6/13/01
Cobalt	7.0	0.15		mg/Kg	1.0	6/13/01
Copper	40	0.15		mg/Kg	1.0	6/13/01
Lead	230	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	33	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	24	0.15		mg/Kg	1.0	6/13/01
Zinc	150	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613E** BatchID: **4573**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.14	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD7-0.3
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:59:00 AM
Lab ID:	051578-021A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613F** BatchID: **4542**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	9.5	0.25		mg/Kg	1.0	6/13/01
Barium	88	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	34	0.15		mg/Kg	1.0	6/13/01
Cobalt	7.5	0.15		mg/Kg	1.0	6/13/01
Copper	48	0.15		mg/Kg	1.0	6/13/01
Lead	320	0.25		mg/Kg	1.0	6/13/01
Molybdenum	0.31	0.25		mg/Kg	1.0	6/13/01
Nickel	40	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	30	0.15		mg/Kg	1.0	6/13/01
Zinc	190	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613F** BatchID: **4574**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.36	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD7-0.6
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:02:00 AM
Lab ID:	051578-022A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613F** BatchID: **4542**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	7.0	0.25		mg/Kg	1.0	6/13/01
Barium	54	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	21	0.15		mg/Kg	1.0	6/13/01
Cobalt	6.0	0.15		mg/Kg	1.0	6/13/01
Copper	34	0.15		mg/Kg	1.0	6/13/01
Lead	150	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	26	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	22	0.15		mg/Kg	1.0	6/13/01
Zinc	100	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613F** BatchID: **4574**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.23	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RQ

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT: Geocon Environmental
Client Sample ID: ED4-0
Lab Order: 051578
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 10:39:00 AM
Lab ID: 051578-027A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613F** BatchID: **4542**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	7.0	0.25		mg/Kg	1.0	6/13/01
Barium	55	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	24	0.15		mg/Kg	1.0	6/13/01
Cobalt	7.0	0.15		mg/Kg	1.0	6/13/01
Copper	38	0.15		mg/Kg	1.0	6/13/01
Lead	96	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	30	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	23	0.15		mg/Kg	1.0	6/13/01
Zinc	94	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613F** BatchID: **4574**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.24	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	ED4-0.3
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:41:00 AM
Lab ID:	051578-028A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613F**	BatchID: **4542**			PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	8.0	0.25		mg/Kg	1.0	6/13/01
Barium	48	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	29	0.15		mg/Kg	1.0	6/13/01
Cobalt	6.5	0.15		mg/Kg	1.0	6/13/01
Copper	29	0.15		mg/Kg	1.0	6/13/01
Lead	54	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	32	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.46	0.25		mg/Kg	1.0	6/13/01
Vanadium	24	0.15		mg/Kg	1.0	6/13/01
Zinc	68	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613F**	BatchID: **4574**			PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.15	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

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3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	ED4-0.6
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:45:00 AM
Lab ID:	051578-029A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613F** BatchID: **4542**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	6.5	0.25		mg/Kg	1.0	6/13/01
Barium	48	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	26	0.15		mg/Kg	1.0	6/13/01
Cobalt	6.0	0.15		mg/Kg	1.0	6/13/01
Copper	26	0.15		mg/Kg	1.0	6/13/01
Lead	72	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	30	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	21	0.15		mg/Kg	1.0	6/13/01
Zinc	72	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613F** BatchID: **4574**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.11	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E23AL-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 12:52:00 PM
Lab ID:	051578-033A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613F** BatchID: **4542**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	6.0	0.25		mg/Kg	1.0	6/13/01
Barium	94	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	18	0.15		mg/Kg	1.0	6/13/01
Cobalt	7.0	0.15		mg/Kg	1.0	6/13/01
Copper	34	0.15		mg/Kg	1.0	6/13/01
Lead	170	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	23	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	22	0.15		mg/Kg	1.0	6/13/01
Zinc	110	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613F** BatchID: **4574**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E23AR-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 12:53:00 PM
Lab ID:	051578-034A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613F** BatchID: **4542**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	6.0	0.25		mg/Kg	1.0	6/13/01
Barium	69	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	17	0.15		mg/Kg	1.0	6/13/01
Cobalt	5.5	0.15		mg/Kg	1.0	6/13/01
Copper	34	0.15		mg/Kg	1.0	6/13/01
Lead	300	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	20	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	20	0.15		mg/Kg	1.0	6/13/01
Zinc	170	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613F** BatchID: **4574**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT: Geocon Environmental
Client Sample ID: E24R-0
Lab Order: 051578
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 12:57:00 PM
Lab ID: 051578-035A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613F** BatchID: **4542**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	4.0	0.25		mg/Kg	1.0	6/13/01
Barium	58	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	16	0.15		mg/Kg	1.0	6/13/01
Cobalt	4.5	0.15		mg/Kg	1.0	6/13/01
Copper	21	0.15		mg/Kg	1.0	6/13/01
Lead	110	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	19	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.49	0.25		mg/Kg	1.0	6/13/01
Vanadium	15	0.15		mg/Kg	1.0	6/13/01
Zinc	62	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613F** BatchID: **4574**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT: Geocon Environmental
Client Sample ID: E24L-0
Lab Order: 051578
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 12:58:00 PM
Lab ID: 051578-036A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613F** BatchID: **4542**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	5.0	0.25		mg/Kg	1.0	6/13/01
Barium	84	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	16	0.15		mg/Kg	1.0	6/13/01
Cobalt	5.5	0.15		mg/Kg	1.0	6/13/01
Copper	36	0.15		mg/Kg	1.0	6/13/01
Lead	120	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	19	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	20	0.15		mg/Kg	1.0	6/13/01
Zinc	84	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613F** BatchID: **4574**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ___

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E24C-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 12:59:00 PM
Lab ID:	051578-037A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613F** BatchID: **4542**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	6.0	0.25		mg/Kg	1.0	6/13/01
Barium	100	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	24	0.15		mg/Kg	1.0	6/13/01
Cobalt	5.5	0.15		mg/Kg	1.0	6/13/01
Copper	24	0.15		mg/Kg	1.0	6/13/01
Lead	160	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	28	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	20	0.15		mg/Kg	1.0	6/13/01
Zinc	86	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613F** BatchID: **4574**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT: Geocon Environmental
Lab Order: 051578
Project: Oakland Mole - E8000-06-13
Lab ID: 051578-043A

Client Sample ID: E25AL-0
Collection Date: 6/8/01 1:34:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613G** BatchID: **4543**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	4.0	0.25		mg/Kg	1.0	6/13/01
Barium	42	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	20	0.15		mg/Kg	1.0	6/13/01
Cobalt	4.0	0.15		mg/Kg	1.0	6/13/01
Copper	12	0.15		mg/Kg	1.0	6/13/01
Lead	66	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	21	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.40	0.25		mg/Kg	1.0	6/13/01
Vanadium	14	0.15		mg/Kg	1.0	6/13/01
Zinc	63	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613G** BatchID: **4575**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E25AR-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:33:00 PM
Lab ID:	051578-044A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613G** BatchID: **4543**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	4.5	0.25		mg/Kg	1.0	6/13/01
Barium	72	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	23	0.15		mg/Kg	1.0	6/13/01
Cobalt	5.0	0.15		mg/Kg	1.0	6/13/01
Copper	26	0.15		mg/Kg	1.0	6/13/01
Lead	100	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	22	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	20	0.15		mg/Kg	1.0	6/13/01
Zinc	78	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613G** BatchID: **4575**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT: Geocon Environmental
Client Sample ID: E26R-0
Lab Order: 051578
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 1:36:00 PM
Lab ID: 051578-045A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613G** BatchID: **4543**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	4.0	0.25		mg/Kg	1.0	6/13/01
Barium	48	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	23	0.15		mg/Kg	1.0	6/13/01
Cobalt	4.0	0.15		mg/Kg	1.0	6/13/01
Copper	21	0.15		mg/Kg	1.0	6/13/01
Lead	70	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	24	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.28	0.25		mg/Kg	1.0	6/13/01
Vanadium	15	0.15		mg/Kg	1.0	6/13/01
Zinc	87	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613G** BatchID: **4575**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E26C-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:37:00 PM
Lab ID:	051578-046A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613G** BatchID: **4543**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	4.0	0.25		mg/Kg	1.0	6/13/01
Barium	36	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	20	0.15		mg/Kg	1.0	6/13/01
Cobalt	3.5	0.15		mg/Kg	1.0	6/13/01
Copper	11	0.15		mg/Kg	1.0	6/13/01
Lead	57	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	20	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	ND	0.25		mg/Kg	1.0	6/13/01
Vanadium	12	0.15		mg/Kg	1.0	6/13/01
Zinc	42	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613G** BatchID: **4575**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ___

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT: Geocon Environmental
Client Sample ID: E26L-0
Lab Order: 051578
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 1:35:00 PM
Lab ID: 051578-047A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613G** BatchID: **4543**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	4.0	0.25		mg/Kg	1.0	6/13/01
Barium	34	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	26	0.15		mg/Kg	1.0	6/13/01
Cobalt	3.5	0.15		mg/Kg	1.0	6/13/01
Copper	20	0.15		mg/Kg	1.0	6/13/01
Lead	62	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	20	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.34	0.25		mg/Kg	1.0	6/13/01
Vanadium	14	0.15		mg/Kg	1.0	6/13/01
Zinc	54	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613G** BatchID: **4575**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E27AL-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:06:00 PM
Lab ID:	051578-053A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613G** BatchID: **4543**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	7.0	0.25		mg/Kg	1.0	6/13/01
Barium	85	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	32	0.15		mg/Kg	1.0	6/13/01
Cobalt	7.5	0.15		mg/Kg	1.0	6/13/01
Copper	34	0.15		mg/Kg	1.0	6/13/01
Lead	210	0.25		mg/Kg	1.0	6/13/01
Molybdenum	0.28	0.25		mg/Kg	1.0	6/13/01
Nickel	26	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	28	0.15		mg/Kg	1.0	6/13/01
Zinc	110	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613G** BatchID: **4575**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ___

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E27AR-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:05:00 PM
Lab ID:	051578-054A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613G** BatchID: **4543**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	5.5	0.25		mg/Kg	1.0	6/13/01
Barium	47	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	22	0.15		mg/Kg	1.0	6/13/01
Cobalt	4.0	0.15		mg/Kg	1.0	6/13/01
Copper	16	0.15		mg/Kg	1.0	6/13/01
Lead	84	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	30	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	16	0.15		mg/Kg	1.0	6/13/01
Zinc	40	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613G** BatchID: **4575**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E28R-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:09:00 PM
Lab ID:	051578-055A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613G** BatchID: **4543**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	6.5	0.25		mg/Kg	1.0	6/13/01
Barium	50	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	16	0.15		mg/Kg	1.0	6/13/01
Cobalt	6.5	0.15		mg/Kg	1.0	6/13/01
Copper	30	0.15		mg/Kg	1.0	6/13/01
Lead	260	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	16	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	26	0.15		mg/Kg	1.0	6/13/01
Zinc	130	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613G** BatchID: **4575**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.22	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E28C-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:08:00 PM
Lab ID:	051578-056A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613G** BatchID: **4543**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	3.5	0.25		mg/Kg	1.0	6/13/01
Barium	29	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	18	0.15		mg/Kg	1.0	6/13/01
Cobalt	3.5	0.15		mg/Kg	1.0	6/13/01
Copper	8.5	0.15		mg/Kg	1.0	6/13/01
Lead	46	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	18	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.39	0.25		mg/Kg	1.0	6/13/01
Vanadium	14	0.15		mg/Kg	1.0	6/13/01
Zinc	27	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613G** BatchID: **4575**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: [illegible]

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E28L-0
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:07:00 PM
Lab ID:	051578-057A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613G** BatchID: **4543**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	3.5	0.25		mg/Kg	1.0	6/13/01
Barium	39	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	16	0.15		mg/Kg	1.0	6/13/01
Cobalt	3.5	0.15		mg/Kg	1.0	6/13/01
Copper	9.0	0.15		mg/Kg	1.0	6/13/01
Lead	39	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	18	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	ND	0.25		mg/Kg	1.0	6/13/01
Vanadium	12	0.15		mg/Kg	1.0	6/13/01
Zinc	33	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613G** BatchID: **4575**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT: Geocon Environmental
Client Sample ID: MD9-0
Lab Order: 051578
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 2:50:00 PM
Lab ID: 051578-058A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613H** BatchID: **4544**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	0.39	0.25		mg/Kg	1.0	6/13/01
Arsenic	6.5	0.25		mg/Kg	1.0	6/13/01
Barium	57	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	34	0.15		mg/Kg	1.0	6/13/01
Cobalt	5.5	0.15		mg/Kg	1.0	6/13/01
Copper	32	0.15		mg/Kg	1.0	6/13/01
Lead	130	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	34	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	21	0.15		mg/Kg	1.0	6/13/01
Zinc	74	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613H** BatchID: **4586**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.23	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT: Geocon Environmental
Client Sample ID: MD9-1
Lab Order: 051578
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 2:50:00 PM
Lab ID: 051578-059A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613H** BatchID: **4544**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	0.50	0.25		mg/Kg	1.0	6/13/01
Arsenic	8.0	0.25		mg/Kg	1.0	6/13/01
Barium	72	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	54	0.15		mg/Kg	1.0	6/13/01
Cobalt	6.0	0.15		mg/Kg	1.0	6/13/01
Copper	33	0.15		mg/Kg	1.0	6/13/01
Lead	120	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	48	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	23	0.15		mg/Kg	1.0	6/13/01
Zinc	100	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613H** BatchID: **4586**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.26	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ___

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/14/01*

CLIENT: Geocon Environmental
Client Sample ID: MD9-3
Lab Order: 051578
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 2:50:00 PM
Lab ID: 051578-060A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613H** BatchID: **4544**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	7.0	0.25		mg/Kg	1.0	6/13/01
Barium	72	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	24	0.15		mg/Kg	1.0	6/13/01
Cobalt	6.5	0.15		mg/Kg	1.0	6/13/01
Copper	56	0.15		mg/Kg	1.0	6/13/01
Lead	130	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	27	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.34	0.25		mg/Kg	1.0	6/13/01
Vanadium	20	0.15		mg/Kg	1.0	6/13/01
Zinc	110	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613H** BatchID: **4586**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: [illegible]

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD15-1
Lab Order:	051578		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01
Lab ID:	051578-063A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010614D** BatchID: **4591**				PrepDate: **6/14/01**		Analyst: **RQ**
Antimony	0.27	0.25		mg/Kg	1.0	6/14/01
Arsenic	12	0.25		mg/Kg	1.0	6/14/01
Barium	57	0.15		mg/Kg	1.0	6/14/01
Beryllium	ND	0.15		mg/Kg	1.0	6/14/01
Cadmium	ND	0.15		mg/Kg	1.0	6/14/01
Chromium	23	0.15		mg/Kg	1.0	6/14/01
Cobalt	6.0	0.15		mg/Kg	1.0	6/14/01
Copper	31	0.15		mg/Kg	1.0	6/14/01
Lead	81	0.25		mg/Kg	1.0	6/14/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/14/01
Nickel	24	0.15		mg/Kg	1.0	6/14/01
Selenium	ND	0.25		mg/Kg	1.0	6/14/01
Silver	ND	0.15		mg/Kg	1.0	6/14/01
Thallium	0.50	0.25		mg/Kg	1.0	6/14/01
Vanadium	18	0.15		mg/Kg	1.0	6/14/01
Zinc	92	0.50		mg/Kg	1.0	6/14/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613H** BatchID: **4586**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RP

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/15/01*

CLIENT: Geocon Environmental
Client Sample ID: MD15-3
Lab Order: 051578
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01
Lab ID: 051578-064A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010614D** BatchID: **4591**				PrepDate: **6/14/01**		Analyst: **RQ**
Antimony	0.43	0.25		mg/Kg	1.0	6/14/01
Arsenic	140	0.25		mg/Kg	1.0	6/14/01
Barium	92	0.15		mg/Kg	1.0	6/14/01
Beryllium	ND	0.15		mg/Kg	1.0	6/14/01
Cadmium	ND	0.15		mg/Kg	1.0	6/14/01
Chromium	34	0.15		mg/Kg	1.0	6/14/01
Cobalt	9.0	0.15		mg/Kg	1.0	6/14/01
Copper	75	0.15		mg/Kg	1.0	6/14/01
Lead	110	0.25		mg/Kg	1.0	6/14/01
Molybdenum	0.35	0.25		mg/Kg	1.0	6/14/01
Nickel	37	0.15		mg/Kg	1.0	6/14/01
Selenium	ND	0.25		mg/Kg	1.0	6/14/01
Silver	ND	0.15		mg/Kg	1.0	6/14/01
Thallium	0.50	0.25		mg/Kg	1.0	6/14/01
Vanadium	22	0.15		mg/Kg	1.0	6/14/01
Zinc	140	0.50		mg/Kg	1.0	6/14/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613H** BatchID: **4586**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.19	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *15-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4541** Batch ID: **4541** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

MBLK SeqNo: **147648**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.25		0				0			
Arsenic	ND	0.25		0				0			
Barium	ND	0.15		0				0			
Beryllium	ND	0.15		0				0			
Cadmium	ND	0.15		0				0			
Chromium	ND	0.15		0				0			
Cobalt	ND	0.15		0				0			
Copper	ND	0.15		0				0			
Lead	ND	0.25		0				0			
Molybdenum	ND	0.25		0				0			
Nickel	ND	0.15		0				0			
Selenium	ND	0.25		0				0			
Silver	ND	0.15		0				0			
Thallium	ND	0.25		0				0			
Vanadium	ND	0.15		0				0			
Zinc	ND	0.50		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4542** Batch ID: **4542** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**
MBLK SeqNo: **147669**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.25		0				0			
Arsenic	ND	0.25		0				0			
Barium	ND	0.15		0				0			
Beryllium	ND	0.15		0				0			
Cadmium	ND	0.15		0				0			
Chromium	ND	0.15		0				0			
Cobalt	ND	0.15		0				0			
Copper	ND	0.15		0				0			
Lead	ND	0.25		0				0			
Molybdenum	ND	0.25		0				0			
Nickel	ND	0.15		0				0			
Selenium	ND	0.25		0				0			
Silver	ND	0.15		0				0			
Thallium	ND	0.25		0				0			
Vanadium	ND	0.15		0				0			
Zinc	ND	0.50		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4543** Batch ID: **4543** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

MBLK SeqNo: **147768**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.25		0				0			
Arsenic	ND	0.25		0				0			
Barium	ND	0.15		0				0			
Beryllium	ND	0.15		0				0			
Cadmium	ND	0.15		0				0			
Chromium	ND	0.15		0				0			
Cobalt	ND	0.15		0				0			
Copper	ND	0.15		0				0			
Lead	ND	0.25		0				0			
Molybdenum	ND	0.25		0				0			
Nickel	ND	0.15		0				0			
Selenium	ND	0.25		0				0			
Silver	ND	0.15		0				0			
Thallium	ND	0.25		0				0			
Vanadium	ND	0.15		0				0			
Zinc	ND	0.50		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4544** Batch ID: **4544** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

MBLK SeqNo: **147887**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.25		0				0			
Arsenic	ND	0.25		0				0			
Barium	ND	0.15		0				0			
Beryllium	ND	0.15		0				0			
Cadmium	ND	0.15		0				0			
Chromium	ND	0.15		0				0			
Cobalt	ND	0.15		0				0			
Copper	ND	0.15		0				0			
Lead	ND	0.25		0				0			
Molybdenum	ND	0.25		0				0			
Nickel	ND	0.15		0				0			
Selenium	ND	0.25		0				0			
Silver	ND	0.15		0				0			
Thallium	ND	0.25		0				0			
Vanadium	ND	0.15		0				0			
Zinc	ND	0.50		0				0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: D

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Method Blank

Sample ID **MB-4591** Batch ID: **4591** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date: **6/14/01**

MBLK SeqNo: **148452**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.25		0				0			
Arsenic	ND	0.25		0				0			
Barium	ND	0.15		0				0			
Beryllium	ND	0.15		0				0			
Cadmium	ND	0.15		0				0			
Chromium	ND	0.15		0				0			
Cobalt	ND	0.15		0				0			
Copper	ND	0.15		0				0			
Lead	ND	0.25		0				0			
Molybdenum	ND	0.25		0				0			
Nickel	ND	0.15		0				0			
Selenium	ND	0.25		0				0			
Silver	ND	0.15		0				0			
Thallium	ND	0.25		0				0			
Vanadium	ND	0.15		0				0			
Zinc	ND	0.50		0				0			

Sample ID **MB-4550A** Batch ID: **4550** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**

MBLK SeqNo: **147508**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4550B** Batch ID: **4550** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**
MBLK SeqNo: **147509**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0		0				0			

Sample ID **MB-4551A** Batch ID: **4551** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**
MBLK SeqNo: **147528**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0		0				0			

Sample ID **MB-4573** Batch ID: **4573** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MBLK SeqNo: **147956**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10		0				0			

Sample ID **MB-4574** Batch ID: **4574** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MBLK SeqNo: **147971**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10		0				0			

Sample ID **MB-4575** Batch ID: **4575** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MBLK SeqNo: **147986**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Method Blank

Sample ID **MB-4586** Batch ID: **4586** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**

MBLK SeqNo: **148041**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *15-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051578-020ADU** Batch ID: **4541** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

DUP SeqNo: **147660**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.03	0.25	0	0	0	0	0	0.22	147	30	JR
Arsenic	7.5	0.25	0	0	0	0	0	8	6	30	
Barium	58	0.15	0	0	0	0	0	62	7	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	ND	0.15	0	0	0	0	0	0	0	30	
Chromium	24	0.15	0	0	0	0	0	28	15	30	
Cobalt	7.5	0.15	0	0	0	0	0	7	7	30	
Copper	48	0.15	0	0	0	0	0	40	18	30	
Lead	240	0.25	0	0	0	0	0	230	4	30	
Molybdenum	0.04	0.25	0	0	0	0	0	0.23	135	30	JR
Nickel	30	0.15	0	0	0	0	0	33	10	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	ND	0.15	0	0	0	0	0	0	0	30	
Thallium	0.5	0.25	0	0	0	0	0	0.5	0	30	
Vanadium	24	0.15	0	0	0	0	0	24	0	30	
Zinc	140	0.50	0	0	0	0	0	150	7	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Duplicate

Sample ID **051578-037ADU** Batch ID: **4542** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

DUP SeqNo: **147681**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.25	0	0	0	0	0	0	0	30	
Arsenic	6	0.25	0	0	0	0	0	6	0	30	
Barium	120	0.15	0	0	0	0	0	100	14	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	ND	0.15	0	0	0	0	0	0	0	30	
Chromium	24	0.15	0	0	0	0	0	24	2	30	
Cobalt	6.5	0.15	0	0	0	0	0	5.5	17	30	
Copper	28	0.15	0	0	0	0	0	24	15	30	
Lead	170	0.25	0	0	0	0	0	160	3	30	
Molybdenum	0.06	0.25	0	0	0	0	0	0	200	30	JR
Nickel	26	0.15	0	0	0	0	0	28	6	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	ND	0.15	0	0	0	0	0	0	0	30	
Thallium	0.5	0.25	0	0	0	0	0	0.5	0	30	
Vanadium	22	0.15	0	0	0	0	0	20	12	30	
Zinc	96	0.50	0	0	0	0	0	86	11	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Duplicate

Sample ID **051578-057ADU** Batch ID: **4543** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

DUP SeqNo: **147780**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.25	0	0	0	0	0	0	0	30	
Arsenic	3	0.25	0	0	0	0	0	3.5	15	30	
Barium	38	0.15	0	0	0	0	0	39	3	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	ND	0.15	0	0	0	0	0	0	0	30	
Chromium	16	0.15	0	0	0	0	0	16	3	30	
Cobalt	3	0.15	0	0	0	0	0	3.5	15	30	
Copper	9	0.15	0	0	0	0	0	9	0	30	
Lead	41	0.25	0	0	0	0	0	39	5	30	
Molybdenum	ND	0.25	0	0	0	0	0	0	0	30	
Nickel	18	0.15	0	0	0	0	0	18	3	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	ND	0.15	0	0	0	0	0	0	0	30	
Thallium	0.03	0.25	0	0	0	0	0	0.1	103	30	JR
Vanadium	10	0.15	0	0	0	0	0	12	18	30	
Zinc	30	0.50	0	0	0	0	0	33	10	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Duplicate

Sample ID **051578-060ADU** Batch ID: **4544** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

DUP SeqNo: **147892**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.08	0.25	0	0	0	0	0	0.04	70	30	JR
Arsenic	7	0.25	0	0	0	0	0	7	0	30	
Barium	80	0.15	0	0	0	0	0	72	11	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	ND	0.15	0	0	0	0	0	0	0	30	
Chromium	26	0.15	0	0	0	0	0	24	6	30	
Cobalt	6.5	0.15	0	0	0	0	0	6.5	0	30	
Copper	170	0.15	0	0	0	0	0	56	102	30	R
Lead	130	0.25	0	0	0	0	0	130	3	30	
Molybdenum	0.25	0.25	0	0	0	0	0	0	200	30	R
Nickel	28	0.15	0	0	0	0	0	27	4	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	ND	0.15	0	0	0	0	0	0	0	30	
Thallium	0.1	0.25	0	0	0	0	0	0.34	88	30	JR
Vanadium	22	0.15	0	0	0	0	0	20	10	30	
Zinc	130	0.50	0	0	0	0	0	110	18	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Duplicate

Sample ID **051578-063ADU** Batch ID: **4591** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date: **6/14/01**

DUP SeqNo: **148461**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.28	0.25	0	0	0	0	0	0.27	2	30	
Arsenic	12	0.25	0	0	0	0	0	12	4	30	
Barium	57	0.15	0	0	0	0	0	56	1	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	ND	0.15	0	0	0	0	0	0	0	30	
Chromium	24	0.15	0	0	0	0	0	23	4	30	
Cobalt	6	0.15	0	0	0	0	0	6	0	30	
Copper	31	0.15	0	0	0	0	0	31	0	30	
Lead	81	0.25	0	0	0	0	0	81	0	30	
Molybdenum	0.03	0.25	0	0	0	0	0	0.054	47	30	JR
Nickel	24	0.15	0	0	0	0	0	24	0	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	ND	0.15	0	0	0	0	0	0.024	0	30	
Thallium	0.47	0.25	0	0	0	0	0	0.5	6	30	
Vanadium	18	0.15	0	0	0	0	0	18	3	30	
Zinc	92	0.50	0	0	0	0	0	92	1	30	

Sample ID **051578-017A** Batch ID: **4550** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**

DUP SeqNo: **147491**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	120	5.0	0	0	0	0	0	130	11	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051578-040A** Batch ID: **4550** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**
DUP SeqNo: **147503**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	89	5.0	0	0	0	0	0	80	10	30	

Sample ID **051578-052A** Batch ID: **4551** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**
DUP SeqNo: **147523**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	55	5.0	0	0	0	0	0	50	9	30	

Sample ID **051578-020ADU** Batch ID: **4573** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
DUP SeqNo: **147951**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.15	0.10	0	0	0	0	0	0.14	7	30	

Sample ID **051578-037ADU** Batch ID: **4574** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
DUP SeqNo: **147966**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.06	0.10	0	0	0	0	0	0.045	31	30	JR

Sample ID **051578-057ADU** Batch ID: **4575** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
DUP SeqNo: **147981**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: B

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Duplicate

Sample ID **051578-064ADU** Batch ID: **4586** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**

DUP SeqNo: **148032**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.15	0.10	0	0	0	0	0	0.19	22	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

Advanced Technology Laboratories
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Advanced Technology Laboratories

Date: *15-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051578-020AMS** Batch ID: **4541** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

MS SeqNo: **147661**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	88	0.25	125	0.22	70	32	115	0			
Arsenic	120	0.25	125	8	92	59	111	0			
Barium	180	0.15	125	62	91	34	151	0			
Beryllium	110	0.15	125	0	91	56	112	0			
Cadmium	110	0.15	125	0	85	52	120	0			
Chromium	140	0.15	125	28	88	56	118	0			
Cobalt	120	0.15	125	7	87	58	117	0			
Copper	160	0.15	125	40	99	58	134	0			
Lead	340	0.25	125	230	92	47	128	0			
Molybdenum	110	0.25	125	0.23	90	56	115	0			
Nickel	140	0.15	125	33	87	52	120	0			
Selenium	110	0.25	125	0	90	46	108	0			
Silver	80	0.15	125	0	64	74	117	0			S
Thallium	110	0.25	125	0.5	86	62	117	0			
Vanadium	150	0.15	125	24	98	55	122	0			
Zinc	250	0.50	125	150	82	43	134	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051578-020AMS** Batch ID: **4541** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

MSD SeqNo: **147662**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	86	0.25	125	0.22	69	32	115	88	2	20	
Arsenic	120	0.25	125	8	92	59	111	120	2	20	
Barium	180	0.15	125	62	90	34	151	180	2	20	
Beryllium	110	0.15	125	0	91	56	112	110	3	20	
Cadmium	110	0.15	125	0	85	52	120	110	4	20	
Chromium	140	0.15	125	28	93	56	118	140	1	20	
Cobalt	120	0.15	125	7	87	58	117	120	3	20	
Copper	170	0.15	125	40	101	58	134	160	4	20	
Lead	360	0.25	125	230	102	47	128	340	4	20	
Molybdenum	110	0.25	125	0.23	90	56	115	110	3	20	
Nickel	150	0.15	125	33	91	52	120	140	6	20	
Selenium	110	0.25	125	0	90	46	108	110	2	20	
Silver	59	0.15	125	0	47	74	117	80	30	20	SR
Thallium	110	0.25	125	0.5	87	62	117	110	1	20	
Vanadium	140	0.15	125	24	96	55	122	150	5	20	
Zinc	260	0.50	125	150	87	43	134	250	3	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **051578-037AMS** Batch ID: **4542** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

MS SeqNo: **147682**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	86	0.25	125	0	68	32	115	0			
Arsenic	120	0.25	125	6	88	59	111	0			
Barium	240	0.15	125	100	112	34	151	0			
Beryllium	110	0.15	125	0	86	56	112	0			
Cadmium	100	0.15	125	0	80	52	120	0			
Chromium	130	0.15	125	24	86	56	118	0			
Cobalt	110	0.15	125	5.5	83	58	117	0			
Copper	150	0.15	125	24	98	58	134	0			
Lead	270	0.25	125	160	90	47	128	0			
Molybdenum	110	0.25	125	0	86	56	115	0			
Nickel	130	0.15	125	28	83	52	120	0			
Selenium	110	0.25	125	0	86	46	108	0			
Silver	69	0.15	125	0	55	74	117	0			S
Thallium	100	0.25	125	0.5	82	62	117	0			
Vanadium	140	0.15	125	20	94	55	122	0			
Zinc	210	0.50	125	86	97	43	134	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051578-037AMS** Batch ID: **4542** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

MSD SeqNo: **147683**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	100	0.25	125	0	81	32	115	86	16	20	
Arsenic	120	0.25	125	6	89	59	111	120	3	20	
Barium	160	0.15	125	100	49	34	151	240	40	20	R
Beryllium	110	0.15	125	0	89	56	112	110	2	20	
Cadmium	100	0.15	125	0	83	52	120	100	0	20	
Chromium	130	0.15	125	24	82	56	118	130	1	20	
Cobalt	110	0.15	125	5.5	83	58	117	110	0	20	
Copper	130	0.15	125	24	84	58	134	150	12	20	
Lead	140	0.25	125	160	-13	47	128	270	64	20	SR
Molybdenum	110	0.25	125	0	90	56	115	110	2	20	
Nickel	130	0.15	125	28	80	52	120	130	1	20	
Selenium	110	0.25	125	0	89	46	108	110	2	20	
Silver	78	0.15	125	0	62	74	117	69	12	20	S
Thallium	110	0.25	125	0.5	85	62	117	100	6	20	
Vanadium	130	0.15	125	20	89	55	122	140	6	20	
Zinc	140	0.50	125	86	47	43	134	210	39	20	R

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
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Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **051578-057AMS** Batch ID: **4543** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

MS SeqNo: **147781**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	110	0.25	125	0	85	32	115	0			
Arsenic	120	0.25	125	3.5	95	59	111	0			
Barium	160	0.15	125	39	94	34	151	0			
Beryllium	120	0.15	125	0	92	56	112	0			
Cadmium	110	0.15	125	0	88	52	120	0			
Chromium	130	0.15	125	16	90	56	118	0			
Cobalt	110	0.15	125	3.5	88	58	117	0			
Copper	130	0.15	125	9	99	58	134	0			
Lead	140	0.25	125	39	84	47	128	0			
Molybdenum	120	0.25	125	0	94	56	115	0			
Nickel	130	0.15	125	18	90	52	120	0			
Selenium	120	0.25	125	0	92	46	108	0			
Silver	110	0.15	125	0	92	74	117	0			
Thallium	110	0.25	125	0.1	90	62	117	0			
Vanadium	140	0.15	125	12	98	55	122	0			
Zinc	150	0.50	125	33	94	43	134	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID **051578-057AMS** Batch ID: **4543** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

MSD SeqNo: **147782**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	110	0.25	125	0	85	32	115	110	4	20	
Arsenic	120	0.25	125	3.5	94	59	111	120	2	20	
Barium	160	0.15	125	39	95	34	151	160	2	20	
Beryllium	120	0.15	125	0	92	56	112	120	4	20	
Cadmium	110	0.15	125	0	88	52	120	110	0	20	
Chromium	130	0.15	125	16	90	56	118	130	2	20	
Cobalt	110	0.15	125	3.5	89	58	117	110	4	20	
Copper	130	0.15	125	9	99	58	134	130	2	20	
Lead	140	0.25	125	39	85	47	128	140	3	20	
Molybdenum	120	0.25	125	0	95	56	115	120	2	20	
Nickel	130	0.15	125	18	91	52	120	130	1	20	
Selenium	120	0.25	125	0	92	46	108	120	4	20	
Silver	120	0.15	125	0	92	74	117	110	5	20	
Thallium	110	0.25	125	0.1	90	62	117	110	2	20	
Vanadium	140	0.15	125	12	98	55	122	140	4	20	
Zinc	150	0.50	125	33	94	43	134	150	0	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **051578-060AMS** Batch ID: **4544** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

MS SeqNo: **147893**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	78	0.25	125	0.04	62	32	115	0			
Arsenic	120	0.25	125	7	87	59	111	0			
Barium	180	0.15	125	72	82	34	151	0			
Beryllium	110	0.15	125	0	84	56	112	0			
Cadmium	98	0.15	125	0	79	52	120	0			
Chromium	130	0.15	125	24	82	56	118	0			
Cobalt	110	0.15	125	6.5	82	58	117	0			
Copper	180	0.15	125	56	95	58	134	0			
Lead	210	0.25	125	130	61	47	128	0			
Molybdenum	100	0.25	125	0	84	56	115	0			
Nickel	130	0.15	125	27	82	52	120	0			
Selenium	110	0.25	125	0	87	46	108	0			
Silver	110	0.15	125	0	85	74	117	0			
Thallium	100	0.25	125	0.34	81	62	117	0			
Vanadium	130	0.15	125	20	90	55	122	0			
Zinc	230	0.50	125	110	94	43	134	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051578-060AMS** Batch ID: **4544** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

MSD SeqNo: **147894**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	79	0.25	125	0.04	63	32	115	78	1	20	
Arsenic	120	0.25	125	7	87	59	111	120	4	20	
Barium	180	0.15	125	72	84	34	151	180	3	20	
Beryllium	100	0.15	125	0	84	56	112	110	5	20	
Cadmium	98	0.15	125	0	78	52	120	98	1	20	
Chromium	120	0.15	125	24	80	56	118	130	5	20	
Cobalt	110	0.15	125	6.5	81	58	117	110	1	20	
Copper	170	0.15	125	56	94	58	134	180	3	20	
Lead	220	0.25	125	130	72	47	128	210	7	20	
Molybdenum	100	0.25	125	0	84	56	115	100	4	20	
Nickel	130	0.15	125	27	81	52	120	130	0	20	
Selenium	110	0.25	125	0	86	46	108	110	1	20	
Silver	110	0.15	125	0	85	74	117	110	4	20	
Thallium	100	0.25	125	0.34	81	62	117	100	1	20	
Vanadium	130	0.15	125	20	90	55	122	130	2	20	
Zinc	280	0.50	125	110	139	43	134	230	21	20	SR

Qualifiers:
ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **051578-063AMS** Batch ID: **4591** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date: **6/14/01**

MS SeqNo: **148462**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	97	0.25	125	0.27	77	32	115	0			
Arsenic	130	0.25	125	12	93	59	111	0			
Barium	160	0.15	125	57	83	34	151	0			
Beryllium	110	0.15	125	0	91	56	112	0			
Cadmium	110	0.15	125	0	86	52	120	0			
Chromium	130	0.15	125	23	88	56	118	0			
Cobalt	120	0.15	125	6	87	58	117	0			
Copper	160	0.15	125	31	99	58	134	0			
Lead	210	0.25	125	81	99	47	128	0			
Molybdenum	110	0.25	125	0.054	92	56	115	0			
Nickel	130	0.15	125	24	86	52	120	0			
Selenium	120	0.25	125	0	92	46	108	0			
Silver	110	0.15	125	0.024	86	74	117	0			
Thallium	110	0.25	125	0.5	87	62	117	0			
Vanadium	140	0.15	125	18	94	55	122	0			
Zinc	190	0.50	125	92	79	43	134	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051578-063AMS** Batch ID: **4591** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date: **6/14/01**
SeqNo: **148463**

MSD

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	100	0.25	125	0.27	81	32	115	97	3	20	
Arsenic	440	0.25	125	12	342	59	111	130	110	20	SR
Barium	160	0.15	125	57	80	34	151	160	1	20	
Beryllium	110	0.15	125	0	91	56	112	110	3	20	
Cadmium	110	0.15	125	0	86	52	120	110	3	20	
Chromium	130	0.15	125	23	84	56	118	130	2	20	
Cobalt	120	0.15	125	6	89	58	117	120	4	20	
Copper	150	0.15	125	31	94	58	134	160	3	20	
Lead	160	0.25	125	81	60	47	128	200	25	20	R
Molybdenum	120	0.25	125	0.054	93	56	115	110	5	20	
Nickel	130	0.15	125	24	84	52	120	130	1	20	
Selenium	120	0.25	125	0	92	46	108	120	4	20	
Silver	110	0.15	125	0.024	88	74	117	110	2	20	
Thallium	110	0.25	125	0.5	88	62	117	110	1	20	
Vanadium	130	0.15	125	18	92	55	122	140	4	20	
Zinc	180	0.50	125	92	66	43	134	190	6	20	

Sample ID **051578-017A** Batch ID: **4550** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**
SeqNo: **147492**

MS

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	370	5.0	250	130	97	47	128	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID **051578-040A** Batch ID: **4550** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**
MS SeqNo: **147504**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	260	5.0	250	80	73	47	128	0			

Sample ID **051578-052A** Batch ID: **4551** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**
MS SeqNo: **147524**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	260	5.0	250	50	84	47	128	0			

Sample ID **051578-020AMS** Batch ID: **4573** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MS SeqNo: **147952**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.69	0.10	0.83	0.14	67	62	146	0			

Sample ID **051578-020AMS** Batch ID: **4573** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MSD SeqNo: **147953**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.83	0.10	0.83	0.14	84	62	146	0.7	18	33	

Sample ID **051578-037AMS** Batch ID: **4574** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MS SeqNo: **147967**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.68	0.10	0.83	0.045	76	62	146	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
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DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID **051578-037AMS** Batch ID: **4574** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MSD SeqNo: **147968**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.65	0.10	0.83	0.045	73	62	146	0.68	4	33	

Sample ID **051578-057AMS** Batch ID: **4575** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MS SeqNo: **147982**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.61	0.10	0.83	0	74	62	146	0			

Sample ID **051578-057AMS** Batch ID: **4575** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MSD SeqNo: **147983**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.6	0.10	0.83	0	73	62	146	0.61	2	33	

Sample ID **051578-064AMS** Batch ID: **4586** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MS SeqNo: **148033**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.8	0.10	0.83	0.19	73	62	146	0			

Sample ID **051578-064AMS** Batch ID: **4586** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MSD SeqNo: **148034**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.95	0.10	0.83	0.19	92	62	146	0.8	18	33	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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Advanced Technology Laboratories

Date: *15-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4541** Batch ID: **4541** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

LCS SeqNo: **147649**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	54	0.25	50	0	107	80	120	0			
Arsenic	51	0.25	50	0.13	102	80	120	0			
Barium	50	0.15	50	0	100	80	120	0			
Beryllium	50	0.15	50	0	100	80	120	0			
Cadmium	48	0.15	50	0	97	80	120	0			
Chromium	48	0.15	50	0	97	80	120	0			
Cobalt	48	0.15	50	0	97	80	120	0			
Copper	50	0.15	50	0	100	80	120	0			
Lead	46	0.25	50	0	92	80	120	0			
Molybdenum	50	0.25	50	0	100	80	120	0			
Nickel	48	0.15	50	0	95	80	120	0			
Selenium	50	0.25	50	0	99	80	120	0			
Silver	42	0.15	50	0	84	80	120	0			
Thallium	48	0.25	50	0	96	80	120	0			
Vanadium	50	0.15	50	0	101	80	120	0			
Zinc	49	0.50	50	0	98	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: BP

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4542** Batch ID: **4542** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

LCS SeqNo: **147670**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	54	0.25	50	0	108	80	120	0			
Arsenic	51	0.25	50	0.023	102	80	120	0			
Barium	51	0.15	50	0	102	80	120	0			
Beryllium	51	0.15	50	0	102	80	120	0			
Cadmium	49	0.15	50	0	98	80	120	0			
Chromium	50	0.15	50	0	99	80	120	0			
Cobalt	49	0.15	50	0	98	80	120	0			
Copper	51	0.15	50	0	102	80	120	0			
Lead	47	0.25	50	0	94	80	120	0			
Molybdenum	50	0.25	50	0	101	80	120	0			
Nickel	48	0.15	50	0	97	80	120	0			
Selenium	50	0.25	50	0	100	80	120	0			
Silver	42	0.15	50	0	85	80	120	0			
Thallium	48	0.25	50	0.007	97	80	120	0			
Vanadium	51	0.15	50	0	102	80	120	0			
Zinc	50	0.50	50	0	99	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4543** Batch ID: **4543** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

LCS SeqNo: **147769**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	54	0.25	50	0	108	80	120	0			
Arsenic	51	0.25	50	0.085	102	80	120	0			
Barium	50	0.15	50	0	101	80	120	0			
Beryllium	50	0.15	50	0	101	80	120	0			
Cadmium	49	0.15	50	0	98	80	120	0			
Chromium	50	0.15	50	0	99	80	120	0			
Cobalt	49	0.15	50	0	98	80	120	0			
Copper	50	0.15	50	0	101	80	120	0			
Lead	47	0.25	50	0	94	80	120	0			
Molybdenum	51	0.25	50	0	102	80	120	0			
Nickel	48	0.15	50	0	96	80	120	0			
Selenium	50	0.25	50	0	100	80	120	0			
Silver	43	0.15	50	0	86	80	120	0			
Thallium	48	0.25	50	0.055	97	80	120	0			
Vanadium	51	0.15	50	0	102	80	120	0			
Zinc	50	0.50	50	0	99	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4544** Batch ID: **4544** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

LCS SeqNo: **147888**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	54	0.25	50	0	108	80	120	0			
Arsenic	52	0.25	50	0.09	103	80	120	0			
Barium	51	0.15	50	0	102	80	120	0			
Beryllium	51	0.15	50	0	102	80	120	0			
Cadmium	49	0.15	50	0	98	80	120	0			
Chromium	50	0.15	50	0	99	80	120	0			
Cobalt	49	0.15	50	0	98	80	120	0			
Copper	51	0.15	50	0	102	80	120	0			
Lead	46	0.25	50	0	93	80	120	0			
Molybdenum	51	0.25	50	0	102	80	120	0			
Nickel	48	0.15	50	0	97	80	120	0			
Selenium	50	0.25	50	0	99	80	120	0			
Silver	43	0.15	50	0	86	80	120	0			
Thallium	49	0.25	50	0.065	98	80	120	0			
Vanadium	51	0.15	50	0	102	80	120	0			
Zinc	50	0.50	50	0	99	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4591** Batch ID: **4591** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date: **6/14/01**

LCS SeqNo: **148453**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	54	0.25	50	0	108	80	120	0			
Arsenic	52	0.25	50	0.11	104	80	120	0			
Barium	50	0.15	50	0	99	80	120	0			
Beryllium	50	0.15	50	0	100	80	120	0			
Cadmium	49	0.15	50	0	98	80	120	0			
Chromium	48	0.15	50	0	97	80	120	0			
Cobalt	49	0.15	50	0	98	80	120	0			
Copper	50	0.15	50	0	100	80	120	0			
Lead	46	0.25	50	0	93	80	120	0			
Molybdenum	50	0.25	50	0	101	80	120	0			
Nickel	48	0.15	50	0	96	80	120	0			
Selenium	51	0.25	50	0	102	80	120	0			
Silver	44	0.15	50	0	88	80	120	0			
Thallium	49	0.25	50	0.13	98	80	120	0			
Vanadium	50	0.15	50	0	101	80	120	0			
Zinc	49	0.50	50	0	98	80	120	0			

Sample ID **LCS-4550** Batch ID: **4550** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**

LCS SeqNo: **147507**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	250	5.0	250	0.018	100	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051578
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4551** Batch ID: **4551** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/12/01**
LCS SeqNo: **147527**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	240	5.0	250	0.7	97	80	120	0			

Sample ID **LCS-4573** Batch ID: **4573** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
lcs SeqNo: **147955**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2	0.10	2.08	0	94	80	120	0			

Sample ID **LCS-4574** Batch ID: **4574** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
LCS SeqNo: **147970**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.7	0.10	2.08	0	82	80	120	0			

Sample ID **LCS-4575** Batch ID: **4575** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
LCS SeqNo: **147985**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.8	0.10	2.08	0	85	80	120	0			

Sample ID **LCS-4586** Batch ID: **4586** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
LCS SeqNo: **148040**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.8	0.10	2.08	0	86	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

June 27, 2001

Mark Hasting
Geocon Environmental
2356 Research Drive
Livermore, CA 94550
TEL: (925) 371-5900
FAX (925) 371-5915

ELAP No: 1838

RE: Oakland Mole - E8000-06-13

Work Order No.: 051725

Attention: Mark Hasting

Enclosed are the results for sample(s) received on June 20, 2001 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Edgar Caballero
Laboratory Director

This cover letter and a case narrative are an integral part of this analytical report.

CHAIN OF CUSTODY RECORD

Pg 1 of 1

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: Geocon (East Bay)
Attn: Mark Hasting
Address: 2356 Research Dr
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: ( ) 5915

Project Name: Oakland Molt
Project #: E8080-06-13
Sampler: (Printed Name) Travis Mills (Signature)

Relinquished by: (Signature and Printed Name) Date: 6/19 Time: 1700 Received by: (Signature and Printed Name) Fed-Ex Date: 6/19 Time: 1700
Relinquished by: (Signature and Printed Name) Date: 6/19 Time: Received by: (Signature and Printed Name) Date: 6/20/01 Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Travis Mills 6/19/01
Print Name Date
Signature

Send Report To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 8081 / 8082 (Pesticides/PCB-GC); 8260 (Volatiles-GC/MS); 625 / 8270 (BNA-GC/MS); Metals-Total (CAC-6010 / 7000); 8015M TPH/BTEX (COMBINATION); 8015M TPH-D (Diesel-GC); TPH-G 8015; PHG 8020; Total Lead; VOCs 8260B

CIRCLE APPROPRIATE MATRIX: SOLID • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER ☐

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	8081 / 8082	8260	625 / 8270	Metals-Total	8015M TPH/BTEX	8015M TPH-D	TPH-G 8015	PHG 8020	Total Lead	VOCs 8260B	SOLID	OIL	WATER	DRINKING WATER	AIR	WIPE	OTHER	TAT	Container(s) #	Type	PRESERVATION	REMARKS
	51225-001	ED5 - 0	6/19	1415									X		X							E	1	TMC		
	2	0.3		1420									X													
	3	0.6		1425									X													
	4	ED6 - 0		1435	X			X			X	X	X													
	5	0.3		1440	X	X		X	X	X	X	X														
	6	0.6		1445	X	X		X	X	X	X	X														

• TAT starts following day if samples re[illegible] after 5 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical [illegible]orkdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=[illegible] J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO[illegible] [illegible]=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O[illegible]H T=$Na_2S_2O_3$

DISTRIBUTION: White with report. Yellow to folder. Pink to submitter.

Advanced Technology Laboratories

Date: *27-Jun-01*

CLIENT: Geocon Environmental
Project: Oakland Mole - E8000-06-13
Lab Order: 051725

CASE NARRATIVE

Samples for PAH's were subcontracted to AETL with DOHS Cert. #1541.

Samples 051725-004A, 051725-005A and 051725-006A were diluted for Method 8081/8082, due to matrix interference.

Samples 051725-004A, 051725-005A and 051725-006A contain hydrocarbons that are heavier than Diesel. Quantitation is based on a Diesel standard.

Samples 051725-004A, 051725-005A and 051725-006A contain hydrocarbons within the Motor Oil range. Quantitation is based on a Motor Oil standard.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *27-Jun-01*

CLIENT:	Geocon Environmental	**Test No:**	EPA 6010B
Lab Order:	051725	**Units:**	mg/Kg
Project:	Oakland Mole - E8000-06-13	**Analyst:**	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051725-001A	ED5-0	Soil	6/19/01	4696	32	5		1	6/26/01
051725-002A	ED5-0.3	Soil	6/19/01	4696	42	5		1	6/26/01
051725-003A	ED5-0.6	Soil	6/19/01	4696	42	5		1	6/26/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	ED6-0
Lab Order:	051725		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/19/01 2:35:00 PM
Lab ID:	051725-004A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010623A** BatchID: **4693**				PrepDate: **6/22/01**		Analyst: **GG**
4,4'-DDD	ND	8.0		µg/Kg	2.0	6/24/01
4,4'-DDE	ND	8.0		µg/Kg	2.0	6/24/01
4,4'-DDT	ND	8.0		µg/Kg	2.0	6/24/01
Aldrin	ND	4.0		µg/Kg	2.0	6/24/01
alpha-BHC	ND	4.0		µg/Kg	2.0	6/24/01
alpha-Chlordane	ND	8.0		µg/Kg	2.0	6/24/01
beta-BHC	ND	4.0		µg/Kg	2.0	6/24/01
Chlordane	ND	34		µg/Kg	2.0	6/24/01
delta-BHC	ND	4.0		µg/Kg	2.0	6/24/01
Dieldrin	ND	8.0		µg/Kg	2.0	6/24/01
Endosulfan I	ND	4.0		µg/Kg	2.0	6/24/01
Endosulfan II	ND	8.0		µg/Kg	2.0	6/24/01
Endosulfan sulfate	ND	8.0		µg/Kg	2.0	6/24/01
Endrin	ND	8.0		µg/Kg	2.0	6/24/01
Endrin aldehyde	ND	8.0		µg/Kg	2.0	6/24/01
Endrin ketone	ND	8.0		µg/Kg	2.0	6/24/01
gamma-BHC	ND	4.0		µg/Kg	2.0	6/24/01
gamma-Chlordane	ND	8.0		µg/Kg	2.0	6/24/01
Heptachlor	ND	4.0		µg/Kg	2.0	6/24/01
Heptachlor epoxide	ND	4.0		µg/Kg	2.0	6/24/01
Methoxychlor	ND	34		µg/Kg	2.0	6/24/01
Toxaphene	ND	340		µg/Kg	2.0	6/24/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC10_010623A** BatchID: **4693**				PrepDate: **6/22/01**		Analyst: **GG**
Aroclor 1016	ND	66		µg/Kg	2.0	6/24/01
Aroclor 1221	ND	130		µg/Kg	2.0	6/24/01
Aroclor 1232	ND	66		µg/Kg	2.0	6/24/01
Aroclor 1242	ND	66		µg/Kg	2.0	6/24/01
Aroclor 1248	ND	66		µg/Kg	2.0	6/24/01
Aroclor 1254	ND	66		µg/Kg	2.0	6/24/01
Aroclor 1260	ND	66		µg/Kg	2.0	6/24/01
Aroclor 1262	ND	66		µg/Kg	2.0	6/24/01
Aroclor 1268	ND	66		µg/Kg	2.0	6/24/01

Qualifiers:
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M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: ED6-0
Lab Order: 051725
Project: Oakland Mole - E8000-06-13
Collection Date: 6/19/01 2:35:00 PM
Lab ID: 051725-004A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010622A** BatchID: **4683**				PrepDate: **6/21/01**		Analyst: **RQ**
Antimony	0.50	0.25		mg/Kg	1.0	6/22/01
Arsenic	4.5	0.25		mg/Kg	1.0	6/22/01
Barium	44	0.15		mg/Kg	1.0	6/22/01
Beryllium	ND	0.15		mg/Kg	1.0	6/22/01
Cadmium	ND	0.15		mg/Kg	1.0	6/22/01
Chromium	15	0.15		mg/Kg	1.0	6/22/01
Cobalt	4.0	0.15		mg/Kg	1.0	6/22/01
Copper	30	0.15		mg/Kg	1.0	6/22/01
Lead	450	0.25		mg/Kg	1.0	6/22/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/22/01
Nickel	18	0.15		mg/Kg	1.0	6/22/01
Selenium	ND	0.25		mg/Kg	1.0	6/22/01
Silver	ND	0.15		mg/Kg	1.0	6/22/01
Thallium	ND	0.25		mg/Kg	1.0	6/22/01
Vanadium	14	0.15		mg/Kg	1.0	6/22/01
Zinc	66	0.50		mg/Kg	1.0	6/22/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010621A** BatchID: **4672**				PrepDate: **6/21/01**		Analyst: **NS**
Mercury	0.37	0.10		mg/Kg	1.0	6/21/01
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010621E** BatchID: **4685**				PrepDate: **6/21/01**		Analyst: **AP**
Diesel	77	10		mg/Kg	10	6/22/01
Motor Oil	340	10		mg/Kg	10	6/22/01

Qualifiers:
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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	ED6-0.3
Lab Order:	051725		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/19/01 2:40:00 PM
Lab ID:	051725-005A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010623A** BatchID: **4693**				PrepDate: **6/22/01**		Analyst: **GG**
4,4'-DDD	ND	8.0		µg/Kg	2.0	6/25/01
4,4'-DDE	ND	8.0		µg/Kg	2.0	6/25/01
4,4'-DDT	ND	8.0		µg/Kg	2.0	6/25/01
Aldrin	ND	4.0		µg/Kg	2.0	6/25/01
alpha-BHC	ND	4.0		µg/Kg	2.0	6/25/01
alpha-Chlordane	ND	8.0		µg/Kg	2.0	6/25/01
beta-BHC	ND	4.0		µg/Kg	2.0	6/25/01
Chlordane	ND	34		µg/Kg	2.0	6/25/01
delta-BHC	ND	4.0		µg/Kg	2.0	6/25/01
Dieldrin	ND	8.0		µg/Kg	2.0	6/25/01
Endosulfan I	ND	4.0		µg/Kg	2.0	6/25/01
Endosulfan II	ND	8.0		µg/Kg	2.0	6/25/01
Endosulfan sulfate	ND	8.0		µg/Kg	2.0	6/25/01
Endrin	ND	8.0		µg/Kg	2.0	6/25/01
Endrin aldehyde	ND	8.0		µg/Kg	2.0	6/25/01
Endrin ketone	ND	8.0		µg/Kg	2.0	6/25/01
gamma-BHC	ND	4.0		µg/Kg	2.0	6/25/01
gamma-Chlordane	ND	8.0		µg/Kg	2.0	6/25/01
Heptachlor	ND	4.0		µg/Kg	2.0	6/25/01
Heptachlor epoxide	ND	4.0		µg/Kg	2.0	6/25/01
Methoxychlor	ND	34		µg/Kg	2.0	6/25/01
Toxaphene	ND	340		µg/Kg	2.0	6/25/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC10_010623A** BatchID: **4693**				PrepDate: **6/22/01**		Analyst: **GG**
Aroclor 1016	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1221	ND	130		µg/Kg	2.0	6/25/01
Aroclor 1232	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1242	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1248	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1254	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1260	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1262	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1268	ND	66		µg/Kg	2.0	6/25/01

Qualifiers:
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M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	ED6-0.3
Lab Order:	051725		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/19/01 2:40:00 PM
Lab ID:	051725-005A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010622A** BatchID: **4683**				PrepDate: **6/21/01**		Analyst: **RQ**
Antimony	0.50	0.25		mg/Kg	1.0	6/22/01
Arsenic	5.5	0.25		mg/Kg	1.0	6/22/01
Barium	17	0.15		mg/Kg	1.0	6/22/01
Beryllium	ND	0.15		mg/Kg	1.0	6/22/01
Cadmium	ND	0.15		mg/Kg	1.0	6/22/01
Chromium	21	0.15		mg/Kg	1.0	6/22/01
Cobalt	5.0	0.15		mg/Kg	1.0	6/22/01
Copper	13	0.15		mg/Kg	1.0	6/22/01
Lead	19	0.25		mg/Kg	1.0	6/22/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/22/01
Nickel	22	0.15		mg/Kg	1.0	6/22/01
Selenium	ND	0.25		mg/Kg	1.0	6/22/01
Silver	ND	0.15		mg/Kg	1.0	6/22/01
Thallium	ND	0.25		mg/Kg	1.0	6/22/01
Vanadium	15	0.15		mg/Kg	1.0	6/22/01
Zinc	28	0.50		mg/Kg	1.0	6/22/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010621A** BatchID: **4672**				PrepDate: **6/21/01**		Analyst: **NS**
Mercury	0.11	0.10		mg/Kg	1.0	6/21/01
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010621E** BatchID: **4685**				PrepDate: **6/21/01**		Analyst: **AP**
Diesel	370	10		mg/Kg	10	6/22/01
Motor Oil	680	10		mg/Kg	10	6/22/01
GASOLINE RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC2_010621B** BatchID: **E018G20S139**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/22/01

Qualifiers:

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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	ED6-0.3
Lab Order:	051725		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/19/01 2:40:00 PM
Lab ID:	051725-005A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010625A**	BatchID: **P01VOCS103**			PrepDate:		Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/25/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/25/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/25/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/25/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/25/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/25/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/25/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/25/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/25/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/25/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/25/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/25/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/25/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/25/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/25/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/25/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/25/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/25/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/25/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/25/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/25/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/25/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/25/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/25/01
Benzene	ND	5.0		µg/Kg	1.0	6/25/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/25/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/25/01
Bromoform	ND	5.0		µg/Kg	1.0	6/25/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/25/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/25/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/25/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/25/01
Chloroform	ND	5.0		µg/Kg	1.0	6/25/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/25/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/25/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/25/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/25/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/25/01

Qualifiers:
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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	ED6-0.3
Lab Order:	051725		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/19/01 2:40:00 PM
Lab ID:	051725-005A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010625A**	BatchID: **P01VOCS103**			PrepDate:		Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/25/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/25/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/25/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/25/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/25/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/25/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/25/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/25/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/25/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/25/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/25/01
Styrene	ND	5.0		µg/Kg	1.0	6/25/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/25/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/25/01
Toluene	ND	5.0		µg/Kg	1.0	6/25/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/25/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/25/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/25/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/25/01

Qualifiers:
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Initials: (W)

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	ED6-0.6
Lab Order:	051725		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/19/01 2:45:00 PM
Lab ID:	051725-006A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010623A** BatchID: **4693**				PrepDate: **6/22/01**		Analyst: **GG**
4,4'-DDD	ND	8.0		µg/Kg	2.0	6/25/01
4,4'-DDE	ND	8.0		µg/Kg	2.0	6/25/01
4,4'-DDT	ND	8.0		µg/Kg	2.0	6/25/01
Aldrin	ND	4.0		µg/Kg	2.0	6/25/01
alpha-BHC	ND	4.0		µg/Kg	2.0	6/25/01
alpha-Chlordane	ND	8.0		µg/Kg	2.0	6/25/01
beta-BHC	ND	4.0		µg/Kg	2.0	6/25/01
Chlordane	ND	34		µg/Kg	2.0	6/25/01
delta-BHC	ND	4.0		µg/Kg	2.0	6/25/01
Dieldrin	ND	8.0		µg/Kg	2.0	6/25/01
Endosulfan I	ND	4.0		µg/Kg	2.0	6/25/01
Endosulfan II	ND	8.0		µg/Kg	2.0	6/25/01
Endosulfan sulfate	ND	8.0		µg/Kg	2.0	6/25/01
Endrin	ND	8.0		µg/Kg	2.0	6/25/01
Endrin aldehyde	ND	8.0		µg/Kg	2.0	6/25/01
Endrin ketone	ND	8.0		µg/Kg	2.0	6/25/01
gamma-BHC	ND	4.0		µg/Kg	2.0	6/25/01
gamma-Chlordane	ND	8.0		µg/Kg	2.0	6/25/01
Heptachlor	ND	4.0		µg/Kg	2.0	6/25/01
Heptachlor epoxide	ND	4.0		µg/Kg	2.0	6/25/01
Methoxychlor	ND	34		µg/Kg	2.0	6/25/01
Toxaphene	ND	340		µg/Kg	2.0	6/25/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC10_010623A** BatchID: **4693**				PrepDate: **6/22/01**		Analyst: **GG**
Aroclor 1016	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1221	ND	130		µg/Kg	2.0	6/25/01
Aroclor 1232	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1242	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1248	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1254	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1260	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1262	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1268	ND	66		µg/Kg	2.0	6/25/01

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Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: ED6-0.6
Lab Order: 051725
Project: Oakland Mole - E8000-06-13
Collection Date: 6/19/01 2:45:00 PM
Lab ID: 051725-006A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010622A** BatchID: **4683**				PrepDate: **6/21/01**		Analyst: **RQ**
Antimony	0.50	0.25		mg/Kg	1.0	6/22/01
Arsenic	6.5	0.25		mg/Kg	1.0	6/22/01
Barium	27	0.15		mg/Kg	1.0	6/22/01
Beryllium	ND	0.15		mg/Kg	1.0	6/22/01
Cadmium	ND	0.15		mg/Kg	1.0	6/22/01
Chromium	22	0.15		mg/Kg	1.0	6/22/01
Cobalt	5.5	0.15		mg/Kg	1.0	6/22/01
Copper	20	0.15		mg/Kg	1.0	6/22/01
Lead	57	0.25		mg/Kg	1.0	6/22/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/22/01
Nickel	28	0.15		mg/Kg	1.0	6/22/01
Selenium	ND	0.25		mg/Kg	1.0	6/22/01
Silver	ND	0.15		mg/Kg	1.0	6/22/01
Thallium	ND	0.25		mg/Kg	1.0	6/22/01
Vanadium	16	0.15		mg/Kg	1.0	6/22/01
Zinc	42	0.50		mg/Kg	1.0	6/22/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010621A** BatchID: **4672**				PrepDate: **6/21/01**		Analyst: **NS**
Mercury	0.14	0.10		mg/Kg	1.0	6/21/01
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010621E** BatchID: **4685**				PrepDate: **6/21/01**		Analyst: **AP**
Diesel	36	10		mg/Kg	10	6/22/01
Motor Oil	210	10		mg/Kg	10	6/22/01
GASOLINE RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC2_010621A** BatchID: **E018G20S138**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/21/01

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	ED6-0.6
Lab Order:	051725		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/19/01 2:45:00 PM
Lab ID:	051725-006A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010625A** BatchID: **P01VOCS103** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/25/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/25/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/25/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/25/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/25/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/25/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/25/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/25/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/25/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/25/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/25/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/25/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/25/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/25/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/25/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/25/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/25/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/25/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/25/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/25/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/25/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/25/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/25/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/25/01
Benzene	ND	5.0		µg/Kg	1.0	6/25/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/25/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/25/01
Bromoform	ND	5.0		µg/Kg	1.0	6/25/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/25/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/25/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/25/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/25/01
Chloroform	ND	5.0		µg/Kg	1.0	6/25/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/25/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/25/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/25/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/25/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/25/01

Qualifiers:
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Initials: ____

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	ED6-0.6
Lab Order:	051725		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/19/01 2:45:00 PM
Lab ID:	051725-006A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010625A** BatchID: **P01VOCS103** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/25/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/25/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/25/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/25/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/25/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/25/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/25/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/25/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/25/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/25/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/25/01
Styrene	ND	5.0		µg/Kg	1.0	6/25/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/25/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/25/01
Toluene	ND	5.0		µg/Kg	1.0	6/25/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/25/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/25/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/25/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/25/01

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