2462-00122

SFUND RECORDS CTR
110174

Lockheed Martin Corporation
Corporate Environment, Safety & Health
7921 Southpark Plaza, Suite 210 Littleton, CO 80120

LOCKHEED MARTIN

July 28, 2000

Mr. Gerard J. Thibeault
Executive Officer
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, California 92501-3339

Dear Mr. Thibeault:

I am writing to report analytical results for water discharges for the month of June 2000 as required under NPDES permit CAG998001 and subsequent modifications to this permit.

Permitted discharges occurred during May 2000, and were associated with perchlorate pilot treatment system operation at the "Gage New 6" well. 314,064 gallons of groundwater were discharged from June 1 through June 30, 2000.

Attachment 1 summarizes daily discharges and analytical results. All water was discharged within permit limits. The water was discharged to a dry portion of the Santa Ana Wash east of Tippecanoe Avenue. The discharged water completely percolated into soil, never reaching any flowing portion of the Santa Ana River.

Attachment 2 summarizes the related laboratory analytical data. Please contact me at 303.971.1880 if you or your staff have any questions.

Sincerely,

Stephen Evanoff, P.E., DEE
Manager, Central ESH Services

SE:eh

Attachments

c: See distribution

Distribution

Kevin Mayer (SFD-73)
U.S. Environmental Protection Agency
75 Hawthorne Street
San Francisco, CA 94105

Susan Beeson
California Regional Quality Control Board
Santa Ana Region

Kamron Saremi
California Regional Quality Control Board
Santa Ana Region

James H. O'Brien (w/o attachments)
Vice President
Lockheed Martin Corporation
7921 Southpark Plaza, Suite 210
Littleton, CO 80120

ATTACHMENT 1

Table 1.

NPDES Summary--June 2000[1]

Constituent/Date	6/1/00	6/2/00	6/3/00	6/4/00	6/5/00	6/6/00	6/7/00	6/8/00	6/9/00	6/12/00	6/13/00	6/14/00	6/15/00	6/16/00	6/19/00	6/20/00	6/21/00	6/22/00	6/23/00	2/26/00	6/27/00
Flow (gallons/day)	27,792	30,096	14,400	14,400	14400	15696	24192	24192	24192	24192	24192	24192	16992	16992	2592	2592	2592	2592	2592	2592	2592
Oil and Grease (mg/l)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Sulfides (mg/l)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TPH (mg/l)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
TCE (ug/l)[3]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
pH (Effluent)	7.6	7.6	7.7	7.7	7.8	7.6	7.7	7.7	7.7	7.6	7.8	7.8	7.8	7.6	7.7	7.8	7.9	7.7	7.7	7.7	7.9
Perchlorate (ug/l)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrate as NO_3 (mg/l)	36	36	33	32	32	33	31	34	34	27	31	33	32	33	29	34	34	38	35	34	33
DBCP (ug/l)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/l)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	ND	ND

Notes:

1. The pilot perchlorate treatment plant did not operate on dates not listed; no discharges occurred.
2. na=not analyzed.
3. All method volatile organic constituents ND (non-detect).

ATTACHMENT 2

Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Thursday, June 22, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004066-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/7/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Benzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,2-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Trichloroethene (TCE)	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Dibromomethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Bromodichloromethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
cis-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
4-Methyl-2-pentanone (MiBK)	ND	ug/L	1	5.0	EPA 524.2	6/12/00 rt	WS15113
2-chloroethylvinyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/12/00 rt	WS15113
Toluene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
trans-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
tert-Butyl benzene	ND	ug/L	1	0 50	EPA 524.2	6/12/00 rt	WS15113
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/12/00 rt	WS15113
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/12/00 rt	WS15113
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113

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www.wecklabs.com

Weck Laboratories, Inc.
Environmental and Analytical Services - Since 1964

Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Thursday, June 22, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004066-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/7/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/12/00 rt	WS15113
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/12/00 rt	WS15113
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/12/00 rt	WS15113

Authorized Signature

Notes:

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless specified.
RL = Reporting Limit.
ND = Not detected below the reporting limit.
TR = Trace detection, detected but below the RL.
J = Estimated value, detected but below the RL.
H = Estimated value, result is over the calibration range.
Sub = Subcontracted analysis, original report enclosed.

ELAP # 1132
LACSD # 10143

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Weck Laboratories, Inc.
Environmental and Analytical Services - Since 1964

Report Date: *Tuesday, June 20, 2000*
Received Date: *Thursday, June 08, 2000*
Log By: tn
Log Time: 11:41

Client: Earth Tech, Inc.
100 West Broadway, Suite 200
Long Beach, CA 90802-4443
Attn.: Barry Molnaa

Phone: (562) 951-2129
FAX: (562) 951-2086

Project: LMC POP

P.O. #: 2000S-0086-LB9
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A004111-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/8/00 **Time:** 7:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed		Worksheet #
Nitrate as NO3	34	mg/L	10	2.0	EPA 300.0	6/8/00	kk	WS15093
Prep. SPE								
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/8/00	sl	WS14966
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/12/00	hn	WS15001
Total Suspended Solids	ND	mg/L	1	5	EPA 160.2	6/9/00	aw	WS14991
Prep. Direct Inj.								
Perchlorate	ND	ug/L	1	4.0	EPA 314	6/8/00	dc	WS14939
Prep. EPA 3510C								
Diesel range hydrocarbons (C10-C23)	ND	mg/L	1	0.10	EPA 8015B	6/13/00	wm	WS15052
Prep. P&T								
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/9/00	wm	WS15021
Prep. P&T								
Dichlorodifluoromethane	ND	ug/L	1	1.0	EPA 524.2	6/12/00	rt	WS15113
Chloromethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
Vinyl Chloride	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
Bromomethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
Chloroethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
Trichlorofluoromethane (Freon 11)	ND	ug/L	1	5.0	EPA 524.2	6/12/00	rt	WS15113
Trichlorotrifluoroethane (Freon 113)	ND	ug/L	1	10	EPA 524.2	6/12/00	rt	WS15113
1,1-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
Methylene chloride (Dichloromethane)	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
trans-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
Methyl tert-Butyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/12/00	rt	WS15113
1,1-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
2-Butanone (Methyl ethyl ketone)	ND	ug/L	1	5.0	EPA 524.2	6/12/00	rt	WS15113
2,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
cis-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
Bromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
Chloroform	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
1,1,1-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
Carbon Tetrachloride	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
1,1-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Tuesday, June 20, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004111-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/8/00 **Time:** 7:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Benzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,2-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Trichloroethene (TCE)	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Dibromomethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Bromodichloromethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
cis-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
4-Methyl-2-pentanone (MiBK)	ND	ug/L	1	5.0	EPA 524.2	6/12/00 rt	WS15113
2-chloroethylvinyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/12/00 rt	WS15113
Toluene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
trans-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
tert-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/12/00 rt	WS15113
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/12/00 rt	WS15113
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/12/00 rt	WS15113

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Tuesday, June 20, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004111-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/8/00 **Time:** 7:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/12/00 rt	WS15113
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/12/00 rt	WS15113
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/12/00 rt	WS15113

Authorized Signature

Notes:

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless specified.
RL = Reporting Limit.
ND = Not detected below the reporting limit.
TR = Trace detection, detected but below the RL.
J = Estimated value, detected but below the RL.
H = Estimated value, result is over the calibration range.
Sub = Subcontracted analysis, original report enclosed.

ELAP # 1132
LACSD # 10143

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Environmental and Analytical Services - Since 1964

Report Date: *Friday, June 23, 2000*
Received Date: *Friday, June 09, 2000*
Log By: tn
Log Time: 12:12

Client: Earth Tech, Inc.
100 West Broadway, Suite 200
Long Beach, CA 90802-4443
Attn.: Barry Molnaa

Phone: (562) 951-2129
FAX: (562) 951-2086

Project: LMC POP

P.O. #: 2000S-0086-LB9
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A004150-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/9/00 **Time:** 7:30

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed		Worksheet #
Nitrate as NO3	34	mg/L	1	0.20	EPA 300.0	6/9/00	kk	WS15114
Prep. SPE								
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/13/00	sl	WS15029
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/12/00	hn	WS15001
Total Suspended Solids	ND	mg/L	1	5	EPA 160.2	6/13/00	aw	WS15042
Prep. Direct Inj.								
Perchlorate	ND	ug/L	1	4.0	EPA 314	6/12/00	dc	WS15046
Prep. EPA 3510C								
Diesel range hydrocarbons (C10-C23)	ND	mg/L	1	0.10	EPA 8015B	6/13/00	wm	WS15052
Prep. P&T								
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/13/00	wm	WS15056
Prep. P&T								
Dichlorodifluoromethane	ND	ug/L	1	1.0	EPA 524.2	6/19/00	rt	WS15212
Chloromethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
Vinyl Chloride	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
Bromomethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
Chloroethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
Trichlorofluoromethane (Freon 11)	ND	ug/L	1	5.0	EPA 524.2	6/19/00	rt	WS15212
Trichlorotrifluoroethane (Freon 113)	ND	ug/L	1	10	EPA 524.2	6/19/00	rt	WS15212
1,1-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
Methylene chloride (Dichloromethane)	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
trans-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
Methyl tert-Butyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/19/00	rt	WS15212
1,1-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
2-Butanone (Methyl ethyl ketone)	ND	ug/L	1	5.0	EPA 524.2	6/19/00	rt	WS15212
2,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
cis-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
Bromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
Chloroform	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
1,1,1-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
Carbon Tetrachloride	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
1,1-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Friday, June 23, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004150-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/9/00 **Time:** 7:30

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Benzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Trichloroethene (TCE)	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Dibromomethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Bromodichloromethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
cis-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
4-Methyl-2-pentanone (MiBK)	ND	ug/L	1	5.0	EPA 524.2	6/19/00 rt	WS15212
2-chloroethylvinyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/19/00 rt	WS15212
Toluene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
trans-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
tert-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/19/00 rt	WS15212
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/19/00 rt	WS15212
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Friday, June 23, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004150-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/9/00 **Time:** 7:30

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/19/00 rt	WS15212
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/19/00 rt	WS15212
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/19/00 rt	WS15212

Authorized Signature

Notes:

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless specified.
RL = Reporting Limit.
ND = Not detected below the reporting limit.
TR = Trace detection, detected but below the RL.
J = Estimated value, detected but below the RL.
H = Estimated value, result is over the calibration range.
Sub = Subcontracted analysis, original report enclosed.

ELAP # 1132
LACSD # 10143

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Report Date: *Friday, June 23, 2000*
Received Date: *Monday, June 12, 2000*
Log By: tn
Log Time: 11:21

Client: Earth Tech, Inc.
100 West Broadway, Suite 200
Long Beach, CA 90802-4443
Attn.: Barry Molnaa

Phone: (562) 951-2129
FAX: (562) 951-2086

Project: LMC POP

P.O. #: 2000S-0086-LB9
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A004171-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: Client **Date:** 6/12/00 **Time:** 8:30

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed		Worksheet #
Nitrate as NO3	27	mg/L	1	0.20	EPA 300.0	6/12/00	kk	WS15182
Prep. SPE								
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/13/00	sl	WS15029
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/12/00	hn	WS15001
Total Suspended Solids	ND	mg/L	1	5	EPA 160.2	6/13/00	aw	WS15042
Prep. Direct Inj.								
Perchlorate	ND	ug/L	1	4.0	EPA 314	6/12/00	dc	WS15046
Prep. EPA 3510C								
Diesel range hydrocarbons (C10-C23)	ND	mg/L	1	0.10	EPA 8015B	6/13/00	wm	WS15052
Prep. P&T								
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/13/00	wm	WS15056
Prep. P&T								
Dichlorodifluoromethane	ND	ug/L	1	1.0	EPA 524.2	6/19/00	rt	WS15212
Chloromethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
Vinyl Chloride	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
Bromomethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
Chloroethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
Trichlorofluoromethane (Freon 11)	ND	ug/L	1	5.0	EPA 524.2	6/19/00	rt	WS15212
Trichlorotrifluoroethane (Freon 113)	ND	ug/L	1	10	EPA 524.2	6/19/00	rt	WS15212
1,1-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
Methylene chloride (Dichloromethane)	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
trans-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
Methyl tert-Butyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/19/00	rt	WS15212
1,1-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
2-Butanone (Methyl ethyl ketone)	ND	ug/L	1	5.0	EPA 524.2	6/19/00	rt	WS15212
2,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
cis-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
Bromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
Chloroform	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
1,1,1-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
Carbon Tetrachloride	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212
1,1-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/19/00	rt	WS15212

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Friday, June 23, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004171-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: Client **Date:** 6/12/00 **Time:** 8:30

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Benzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Trichloroethene (TCE)	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Dibromomethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Bromodichloromethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
cis-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
4-Methyl-2-pentanone (MiBK)	ND	ug/L	1	5.0	EPA 524.2	6/19/00 rt	WS15212
2-chloroethylvinyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/19/00 rt	WS15212
Toluene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
trans-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
tert-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/19/00 rt	WS15212
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/19/00 rt	WS15212
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212

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Weck Laboratories, Inc.
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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Friday, June 23, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004171-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: Client **Date:** 6/12/00 **Time:** 8:30

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/19/00 rt	WS15212
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/19/00 rt	WS15212
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/19/00 rt	WS15212

Authorized Signature

Notes:

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless specified.
RL = Reporting Limit.
ND = Not detected below the reporting limit.
TR = Trace detection, detected but below the RL.
J = Estimated value, detected but below the RL.
H = Estimated value, result is over the calibration range.
Sub = Subcontracted analysis, original report enclosed.

ELAP # 1132
LACSD # 10143

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Report Date: *Tuesday, June 27, 2000*
Received Date: *Tuesday, June 13, 2000*
Log By: mr
Log Time: 11:29

Client: Earth Tech, Inc.
100 West Broadway, Suite 200
Long Beach, CA 90802-4443
Attn.: Barry Molnaa

Phone: (562) 951-2129
FAX: (562) 951-2086

Project: LMC POP

P.O. #: 2000S-0086-LB9
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A004208-001 Sample ID: Discharge Matrix: Ground Water
Sampled By: T.P. Date: 6/13/00 Time: 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Prep. P&T							
Dichlorodifluoromethane	ND	ug/L	1	1.0	EPA 524.2	6/19/00 rt	WS15212
Chloromethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Vinyl Chloride	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Bromomethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Chloroethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Trichlorofluoromethane (Freon 11)	ND	ug/L	1	5.0	EPA 524.2	6/19/00 rt	WS15212
Trichlorotrifluoroethane (Freon 113)	ND	ug/L	1	10	EPA 524.2	6/19/00 rt	WS15212
1,1-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Methylene chloride (Dichloromethane)	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
trans-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Methyl tert-Butyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/19/00 rt	WS15212
1,1-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
2-Butanone (Methyl ethyl ketone)	ND	ug/L	1	5.0	EPA 524.2	6/19/00 rt	WS15212
2,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
cis-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Bromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Chloroform	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,1,1-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Carbon Tetrachloride	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,1-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Benzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Trichloroethene (TCE)	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Dibromomethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Bromodichloromethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
cis-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1	5.0	EPA 524.2	6/19/00 rt	WS15212
2-chloroethylvinyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/19/00 rt	WS15212
Toluene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
trans-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Tuesday, June 27, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004208-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: T.P. **Date:** 6/13/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
tert-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/19/00 rt	WS15212
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/19/00 rt	WS15212
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/19/00 rt	WS15212
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/19/00 rt	WS15212
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/19/00 rt	WS15212
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/19/00 rt	WS15212
Nitrate as NO3	31	mg/L	1	0.20	EPA 300.0	6/13/00 kk	WS15370
Prep. *SPE*							
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/20/00 sl	WS15302
Prep. *EPA 3510C*							
Diesel range hydrocarbons (C10-C23)	ND	mg/L	1	0.10	EPA 8015B	6/19/00 wm	WS15298
Prep. *P&T*							
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/15/00 wm	WS15184
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/14/00 hn	WS15141

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Tuesday, June 27, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004208-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: T.P. **Date:** 6/13/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Total Suspended Solids	ND	mg/L	1	5	EPA 160.2	6/14/00 aw	WS15072
Prep. *Direct Inj.*							
Perchlorate	ND	ug/L	1	4.0	EPA 314	6/13/00 dc	WS15047

Authorized Signature

Notes:

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless specified.
RL = Reporting Limit.
ND = Not detected below the reporting limit.
TR = Trace detection, detected but below the RL.
J = Estimated value, detected but below the RL.
H = Estimated value, result is over the calibration range.
Sub = Subcontracted analysis, original report enclosed.

ELAP # 1132
LACSD # 10143

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Report Date: *Thursday, June 29, 2000*
Received Date: *Wednesday, June 14, 2000*
Log By: tn
Log Time: 12:52

Client: Earth Tech, Inc.
100 West Broadway, Suite 200
Long Beach, CA 90802-4443
Attn.: Barry Molnaa

Phone: (562) 951-2129
FAX: (562) 951-2086

Project: LMC POP

P.O. #: 2000S-0086-LB9
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A004257-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/14/00 **Time:** 7:30

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed		Worksheet #
Nitrate as NO3	33	mg/L	1	0.20	EPA 300.0	6/19/00	kk	WS15394
Prep. SPE								
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/20/00	sl	WS15302
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/14/00	hn	WS15141
Total Suspended Solids	ND	mg/L	1	5	EPA 160.2	6/16/00	aw	WS15158
Prep. Direct Inj.								
Perchlorate	ND	ug/L	1	4.0	EPA 314	6/15/00	dc	WS15206
Prep. EPA 3510C								
Diesel range hydrocarbons (C10-C23)	ND	mg/L	1	0.10	EPA 8015B	6/19/00	wm	WS15298
Prep. P&T								
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/15/00	wm	WS15184
Prep. P&T								
Dichlorodifluoromethane	ND	ug/L	1	1.0	EPA 524.2	6/20/00	rt	WS15285
Chloromethane	ND	ug/L	1	0.50	EPA 524.2	6/20/00	rt	WS15285
Vinyl Chloride	ND	ug/L	1	0.50	EPA 524.2	6/20/00	rt	WS15285
Bromomethane	ND	ug/L	1	0.50	EPA 524.2	6/20/00	rt	WS15285
Chloroethane	ND	ug/L	1	0.50	EPA 524.2	6/20/00	rt	WS15285
Trichlorofluoromethane (Freon 11)	ND	ug/L	1	5.0	EPA 524.2	6/20/00	rt	WS15285
Trichlorotrifluoroethane (Freon 113)	ND	ug/L	1	10	EPA 524.2	6/20/00	rt	WS15285
1,1-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/20/00	rt	WS15285
Methylene chloride (Dichloromethane)	ND	ug/L	1	0.50	EPA 524.2	6/20/00	rt	WS15285
trans-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/20/00	rt	WS15285
Methyl tert-Butyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/20/00	rt	WS15285
1,1-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/20/00	rt	WS15285
2-Butanone (Methyl ethyl ketone)	ND	ug/L	1	5.0	EPA 524.2	6/20/00	rt	WS15285
2,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/20/00	rt	WS15285
cis-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/20/00	rt	WS15285
Bromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/20/00	rt	WS15285
Chloroform	ND	ug/L	1	0.50	EPA 524.2	6/20/00	rt	WS15285
1,1,1-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/20/00	rt	WS15285
Carbon Tetrachloride	ND	ug/L	1	0.50	EPA 524.2	6/20/00	rt	WS15285
1,1-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/20/00	rt	WS15285

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Thursday, June 29, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004257-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/14/00 **Time:** 7:30

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Benzene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
1,2-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
Trichloroethene (TCE)	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
1,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
Dibromomethane	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
Bromodichloromethane	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
cis-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
4-Methyl-2-pentanone (MiBK)	ND	ug/L	1	5.0	EPA 524.2	6/20/00 rt	WS15285
2-chloroethylvinyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/20/00 rt	WS15285
Toluene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
trans-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
tert-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/20/00 rt	WS15285
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/20/00 rt	WS15285
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/20/00 rt	WS15285

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Thursday, June 29, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004257-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/14/00 **Time:** 7:30

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/20/00 rt	WS15285
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/20/00 rt	WS15285
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/20/00 rt	WS15285

Authorized Signature

Notes:

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless specified.
RL = Reporting Limit.
ND = Not detected below the reporting limit.
TR = Trace detection, detected but below the RL.
J = Estimated value, detected but below the RL.
H = Estimated value, result is over the calibration range.
Sub = Subcontracted analysis. original report enclosed.

ELAP # 1132
LACSD # 10143

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Report Date: *Monday, July 03, 2000*
Received Date: *Thursday, June 15, 2000*
Log By: tn
Log Time: 11:42

Client: Earth Tech, Inc.
100 West Broadway, Suite 200
Long Beach, CA 90802-4443
Attn.: Barry Molnaa

Phone: (562) 951-2129
FAX: (562) 951-2086

Project: LMC POP

P.O. #: 2000S-0086-LB9
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A004288-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/15/00 **Time:** 7:30

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Nitrate as NO3	32	mg/L	1	0.20	EPA 300.0	6/15/00 kk	WS15389
Prep. SPE							
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/20/00 sl	WS15302
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/19/00 hn	WS15217
Total Suspended Solids	ND	mg/L	1	5	EPA 160.2	6/16/00 aw	WS15158
Prep. Direct Inj.							
Perchlorate	ND	ug/L	1	4.0	EPA 314	6/15/00 dc	WS15206
Prep. EPA 3510C							
Diesel range hydrocarbons (C10-C23)	ND	mg/L	1	0.10	EPA 8015B	6/19/00 wm	WS15298
Prep. P&T							
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/16/00 wm	WS15197
Prep. P&T							
Dichlorodifluoromethane	ND	ug/L	1	1.0	EPA 524.2	6/21/00 rt	WS15336
Chloromethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Vinyl Chloride	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Bromomethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Chloroethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Trichlorofluoromethane (Freon 11)	ND	ug/L	1	5.0	EPA 524.2	6/21/00 rt	WS15336
Trichlorotrifluoroethane (Freon 113)	ND	ug/L	1	10	EPA 524.2	6/21/00 rt	WS15336
1,1-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Methylene chloride (Dichloromethane)	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
trans-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Methyl tert-Butyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/21/00 rt	WS15336
1,1-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
2-Butanone (Methyl ethyl ketone)	ND	ug/L	1	5.0	EPA 524.2	6/21/00 rt	WS15336
2,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
cis-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Bromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Chloroform	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,1,1-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Carbon Tetrachloride	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,1-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Monday, July 03, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004288-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/15/00 **Time:** 7:30

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Benzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Trichloroethene (TCE)	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Dibromomethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Bromodichloromethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
cis-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1	5.0	EPA 524.2	6/21/00 rt	WS15336
2-chloroethylvinyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/21/00 rt	WS15336
Toluene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
trans-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
tert-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/21/00 rt	WS15336
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/21/00 rt	WS15336
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Monday, July 03, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004288-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/15/00 **Time:** 7:30

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/21/00 rt	WS15336
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/21/00 rt	WS15336
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/21/00 rt	WS15336

Authorized Signature

Notes:

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless specified.
RL = Reporting Limit.
ND = Not detected below the reporting limit.
TR = Trace detection, detected but below the RL.
J = Estimated value, detected but below the RL.
H = Estimated value, result is over the calibration range.
Sub = Subcontracted analysis, original report enclosed.

ELAP # 1132
LACSD # 10143

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Report Date: *Monday, July 03, 2000*
Received Date: *Friday, June 16, 2000*
Log By: tn
Log Time: 11:03

Client: Earth Tech, Inc.
100 West Broadway, Suite 200
Long Beach, CA 90802-4443
Attn.: Barry Molnaa

Phone: (562) 951-2129
FAX: (562) 951-2086

Project: LMC POP

P.O. #: 2000S-0086-LB9
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A004326-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/16/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed		Worksheet #
Nitrate as NO3	33	mg/L	1	0.20	EPA 300.0	6/16/00	kk	WS15398
Prep. SPE								
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/20/00	sl	WS15302
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/19/00	hn	WS15217
Total Suspended Solids	ND	mg/L	1	5	EPA 160.2	6/20/00	aw	WS15300
Prep. Direct Inj.								
Perchlorate	ND	ug/L	1	4.0	EPA 314	6/19/00	dc	WS15208
Prep. EPA 3510C								
Diesel range hydrocarbons (C10-C23)	ND	mg/L	1	0.10	EPA 8015B	6/19/00	wm	WS15298
Prep. P&T								
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/16/00	wm	WS15197
Prep. P&T								
Dichlorodifluoromethane	ND	ug/L	1	1.0	EPA 524.2	6/21/00	rt	WS15336
Chloromethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
Vinyl Chloride	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
Bromomethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
Chloroethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
Trichlorofluoromethane (Freon 11)	ND	ug/L	1	5.0	EPA 524.2	6/21/00	rt	WS15336
Trichlorotrifluoroethane (Freon 113)	ND	ug/L	1	10	EPA 524.2	6/21/00	rt	WS15336
1,1-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
Methylene chloride (Dichloromethane)	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
trans-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
Methyl tert-Butyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/21/00	rt	WS15336
1,1-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
2-Butanone (Methyl ethyl ketone)	ND	ug/L	1	5.0	EPA 524.2	6/21/00	rt	WS15336
2,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
cis-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
Bromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
Chloroform	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
1,1,1-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
Carbon Tetrachloride	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
1,1-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Monday, July 03, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004326-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/16/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Benzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Trichloroethene (TCE)	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Dibromomethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Bromodichloromethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
cis-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
4-Methyl-2-pentanone (MiBK)	ND	ug/L	1	5.0	EPA 524.2	6/21/00 rt	WS15336
2-chloroethylvinyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/21/00 rt	WS15336
Toluene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
trans-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
tert-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/21/00 rt	WS15336
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/21/00 rt	WS15336
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Monday, July 03, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004326-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/16/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/21/00 rt	WS15336
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/21/00 rt	WS15336
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/21/00 rt	WS15336

Authorized Signature

Notes:

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless specified.
RL = Reporting Limit.
ND = Not detected below the reporting limit.
TR = Trace detection, detected but below the RL.
J = Estimated value, detected but below the RL.
H = Estimated value, result is over the calibration range.
Sub = Subcontracted analysis, original report enclosed.

ELAP # 1132
LACSD # 10143

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Report Date: *Monday, July 03, 2000*
Received Date: *Monday, June 19, 2000*
Log By: tn
Log Time: 11:35

Client: Earth Tech, Inc.
100 West Broadway, Suite 200
Long Beach, CA 90802-4443
Attn.: Barry Molnaa

Phone: (562) 951-2129
FAX: (562) 951-2086

Project: LMC POP

P.O. #: 2000S-0086-LB9
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A004360-003 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: Client **Date:** 6/19/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed		Worksheet #
Nitrate as NO3	29	mg/L	1	0.20	EPA 300.0	6/19/00	kk	WS15397
Prep. SPE								
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/23/00	sl	WS15390
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/19/00	hn	WS15217
Total Suspended Solids	ND	mg/L	1	5	EPA 160.2	6/23/00	hn/a	WS15386
Prep. Direct Inj.								
Perchlorate	ND	ug/L	1	4.0	EPA 314	6/19/00	dc	WS15208
Prep. EPA 3510C								
Diesel range hydrocarbons (C10-C23)	ND	mg/L	1	0.10	EPA 8015B	6/19/00	wm	WS15298
Prep. P&T								
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/20/00	wm	WS15419
Prep. P&T								
Dichlorodifluoromethane	ND	ug/L	1	1.0	EPA 524.2	6/21/00	rt	WS15336
Chloromethane	1.0	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
Vinyl Chloride	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
Bromomethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
Chloroethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
Trichlorofluoromethane (Freon 11)	ND	ug/L	1	5.0	EPA 524.2	6/21/00	rt	WS15336
Trichlorotrifluoroethane (Freon 113)	ND	ug/L	1	10	EPA 524.2	6/21/00	rt	WS15336
1,1-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
Methylene chloride (Dichloromethane)	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
trans-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
Methyl tert-Butyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/21/00	rt	WS15336
1,1-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
2-Butanone (Methyl ethyl ketone)	ND	ug/L	1	5.0	EPA 524.2	6/21/00	rt	WS15336
2,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
cis-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
Bromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
Chloroform	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
1,1,1-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
Carbon Tetrachloride	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336
1,1-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/21/00	rt	WS15336

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Monday, July 03, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004360-003 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: Client **Date:** 6/19/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Benzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Trichloroethene (TCE)	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Dibromomethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Bromodichloromethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
cis-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
4-Methyl-2-pentanone (MiBK)	ND	ug/L	1	5.0	EPA 524.2	6/21/00 rt	WS15336
2-chloroethylvinyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/21/00 rt	WS15336
Toluene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
trans-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
tert-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/21/00 rt	WS15336
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/21/00 rt	WS15336
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/21/00 rt	WS15336

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Monday, July 03, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004360-003 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: Client **Date:** 6/19/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/21/00 rt	WS15336
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/21/00 rt	WS15336
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/21/00 rt	WS15336

Authorized Signature

Notes:

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless specified.
RL = Reporting Limit.
ND = Not detected below the reporting limit.
TR = Trace detection, detected but below the RL.
J = Estimated value, detected but below the RL.
H = Estimated value, result is over the calibration range.
Sub = Subcontracted analysis, original report enclosed.

ELAP # 1132
LACSD # 10143

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Wednesday, July 12, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004396-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/20/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Benzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,2-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Trichloroethene (TCE)	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Dibromomethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Bromodichloromethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
cis-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
4-Methyl-2-pentanone (MiBK)	ND	ug/L	1	5.0	EPA 524.2	6/22/00 rt	WS15342
2-chloroethylvinyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/22/00 rt	WS15342
Toluene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
trans-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
tert-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/22/00 rt	WS15342
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/22/00 rt	WS15342
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342

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Report Date: *Wednesday, July 12, 2000*
Received Date: *Tuesday, June 20, 2000*
Log By: tn
Log Time: 11:27

Client: Earth Tech, Inc.
100 West Broadway, Suite 200
Long Beach, CA 90802-4443
Attn.: Barry Molnaa

Phone: (562) 951-2129
FAX: (562) 951-2086

Project: LMC POP

P.O. #: 2000S-0086-LB9
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A004396-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/20/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed		Worksheet #
Nitrate as NO3	34	mg/L	1	0.20	EPA 300.0	6/20/00	kk	WS15560
Prep. SPE								
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/23/00	sl	WS15390
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/21/00	hn	WS15318
Total Suspended Solids	ND	mg/L	1	5	EPA 160.2	6/23/00	hn/a	WS15386
Prep. Direct Inj.								
Perchlorate	ND	ug/L	1	4.0	EPA 314	6/26/00	dc	WS15429
Prep. EPA 3510C								
Diesel range hydrocarbons (C10-C23)	ND	mg/L	1	0.10	EPA 8015B	6/22/00	wm	WS15355
Prep. P&T								
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/20/00	wm	WS15419
Prep. P&T								
Dichlorodifluoromethane	ND	ug/L	1	1.0	EPA 524.2	6/22/00	rt	WS15342
Chloromethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
Vinyl Chloride	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
Bromomethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
Chloroethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
Trichlorofluoromethane (Freon 11)	ND	ug/L	1	5.0	EPA 524.2	6/22/00	rt	WS15342
Trichlorotrifluoroethane (Freon 113)	ND	ug/L	1	10	EPA 524.2	6/22/00	rt	WS15342
1,1-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
Methylene chloride (Dichloromethane)	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
trans-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
Methyl tert-Butyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/22/00	rt	WS15342
1,1-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
2-Butanone (Methyl ethyl ketone)	ND	ug/L	1	5.0	EPA 524.2	6/22/00	rt	WS15342
2,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
cis-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
Bromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
Chloroform	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
1,1,1-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
Carbon Tetrachloride	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
1,1-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Wednesday, July 12, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004396-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/20/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/22/00 rt	WS15342
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/22/00 rt	WS15342
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/22/00 rt	WS15342

Authorized Signature

Notes:

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless specified.
RL = Reporting Limit.
ND = Not detected below the reporting limit.
TR = Trace detection, detected but below the RL.
J = Estimated value, detected but below the RL.
H = Estimated value, result is over the calibration range.
Sub = Subcontracted analysis, original report enclosed.

ELAP # 1132
LACSD # 10143
AZ0526

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Report Date: *Wednesday, July 12, 2000*
Received Date: *Wednesday, June 21, 2000*
Log By: tn
Log Time: 11:37

Client: Earth Tech, Inc.
100 West Broadway, Suite 200
Long Beach, CA 90802-4443
Attn.: Barry Molnaa

Phone: (562) 951-2129
FAX: (562) 951-2086

Project: LMC POP

P.O. #: 2000S-0086-LB9
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A004440-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/21/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed		Worksheet #
Nitrate as NO3	34	mg/L	10	2.0	EPA 300.0	6/21/00	kk	WS15752
Prep. SPE								
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/23/00	sl	WS15390
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/21/00	hn	WS15318
Total Suspended Solids	ND	mg/L	1	5	EPA 160.2	6/27/00	aw	WS15449
Prep. Direct Inj.								
Perchlorate	ND	ug/L	1	4.0	EPA 314	6/26/00	dc	WS15429
Prep. EPA 3510C								
Diesel range hydrocarbons (C10-C23)	ND	mg/L	1	0.10	EPA 8015B	6/22/00	wm	WS15355
Prep. P&T								
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/22/00	wm	WS15414
Prep. P&T								
Dichlorodifluoromethane	ND	ug/L	1	1.0	EPA 524.2	6/22/00	rt	WS15342
Chloromethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
Vinyl Chloride	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
Bromomethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
Chloroethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
Trichlorofluorometnane (Freon 11)	ND	ug/L	1	5.0	EPA 524.2	6/22/00	rt	WS15342
Trichlorotrifluoroethane (Freon 113)	ND	ug/L	1	10	EPA 524.2	6/22/00	rt	WS15342
1,1-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
Methylene chloride (Dichloromethane)	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
trans-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
Methyl tert-Butyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/22/00	rt	WS15342
1,1-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
2-Butanone (Methyl ethyl ketone)	ND	ug/L	1	5.0	EPA 524.2	6/22/00	rt	WS15342
2,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
cis-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
Bromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
Chloroform	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
1,1,1-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
Carbon Tetrachloride	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342
1,1-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/22/00	rt	WS15342

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Wednesday, July 12, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004440-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/21/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Benzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,2-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Trichloroethene (TCE)	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Dibromomethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Bromodichloromethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
cis-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
4-Methyl-2-pentanone (MiBK)	ND	ug/L	1	5.0	EPA 524.2	6/22/00 rt	WS15342
2-chloroethylvinyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/22/00 rt	WS15342
Toluene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
trans-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
tert-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/22/00 rt	WS15342
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/22/00 rt	WS15342
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/22/00 rt	WS15342

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Wednesday, July 12, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004440-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/21/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/22/00 rt	WS15342
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/22/00 rt	WS15342
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/22/00 rt	WS15342

Authorized Signature

Notes:

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless specified.
RL = Reporting Limit.
ND = Not detected below the reporting limit.
TR = Trace detection, detected but below the RL.
J = Estimated value, detected but below the RL.
H = Estimated value, result is over the calibration range.
Sub = Subcontracted analysis, original report enclosed.

ELAP # 1132
LACSD # 10143
AZ0526

14859 East Clark Avenue, City of Industry, California 91745-1396 (626) 336-2139 FAX (626) 336-2634
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Report Date: *Wednesday, July 12, 2000*
Received Date: *Thursday, June 22, 2000*
Log By: tn
Log Time: 11:16

Client: Earth Tech, Inc.
100 West Broadway, Suite 200
Long Beach, CA 90802-4443
Attn.: Barry Molnaa

Phone: (562) 951-2129
FAX: (562) 951-2086

Project: LMC POP

P.O. #: 2000S-0086-LB9
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A004469-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/22/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed		Worksheet #
Nitrate as NO3	38	mg/L	10	2.0	EPA 300.0	6/22/00	kk	WS15566
Prep. SPE								
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/23/00	sl	WS15390
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/26/00	hn	WS15445
Total Suspended Solids	ND	mg/L	1	5	EPA 160.2	6/27/00	aw	WS15449
Prep. Direct Inj.								
Perchlorate	ND	ug/L	1	4.0	EPA 314	6/26/00	dc	WS15429
Prep. EPA 3510C								
Diesel range hydrocarbons (C10-C23)	ND	mg/L	1	0.10	EPA 8015B	6/22/00	wm	WS15355
Prep. P&T								
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/22/00	wm	WS15414
Prep. P&T								
Dichlorodifluoromethane	ND	ug/L	1	1.0	EPA 524.2	6/23/00	rt	WS15357
Chloromethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Vinyl Chloride	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Bromomethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Chloroethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Trichlorofluoromethane (Freon 11)	ND	ug/L	1	5.0	EPA 524.2	6/23/00	rt	WS15357
Trichlorotrifluoroethane (Freon 113)	ND	ug/L	1	10	EPA 524.2	6/23/00	rt	WS15357
1,1-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Methylene chloride (Dichloromethane)	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
trans-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Methyl tert-Butyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/23/00	rt	WS15357
1,1-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
2-Butanone (Methyl ethyl ketone)	ND	ug/L	1	5.0	EPA 524.2	6/23/00	rt	WS15357
2,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
cis-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Bromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Chloroform	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
1,1,1-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Carbon Tetrachloride	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
1,1-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Wednesday, July 12, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004469-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/22/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Benzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
1,2-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Trichloroethene (TCE)	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
1,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Dibromomethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Bromodichloromethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
cis-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
4-Methyl-2-pentanone (MiBK)	ND	ug/L	1	5.0	EPA 524.2	6/23/00 rt	WS15357
2-chloroethylvinyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/23/00 rt	WS15357
Toluene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
trans-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
tert-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/23/00 rt	WS15357
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/23/00 rt	WS15357
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Wednesday, July 12, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004469-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/22/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/23/00 rt	WS15357
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/23/00 rt	WS15357
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/23/00 rt	WS15357

Authorized Signature

Notes:

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RL = Reporting Limit.
ND = Not detected below the reporting limit.
TR = Trace detection, detected but below the RL.
J = Estimated value, detected but below the RL.
H = Estimated value, result is over the calibration range.
Sub = Subcontracted analysis, original report enclosed.

ELAP # 1132
LACSD # 10143
AZ0526

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Report Date: *Wednesday, July 12, 2000*
Received Date: *Friday, June 23, 2000*
Log By: tn
Log Time: 11:12

Client: Earth Tech, Inc.
100 West Broadway, Suite 200
Long Beach, CA 90802-4443
Attn.: Barry Molnaa

Phone: (562) 951-2129
FAX: (562) 951-2086

Project: LMC POP

P.O. #: 2000S-0086-LB9
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A004516-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/23/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Nitrate as NO3	35	mg/L	10	2.0	EPA 300.0	6/23/00 kk	WS15758
Prep. SPE							
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/28/00 sl	WS15489
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/26/00 hn	WS15445
Total Suspended Solids	5	mg/L	1	5	EPA 160.2	6/28/00 aw	WS15476
Prep. EPA 3510C							
Diesel range hydrocarbons (C10-C23)	ND	mg/L	1	0.10	EPA 8015B	6/26/00 wm	WS15523
Prep. P&T							
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/23/00 wm	WS15605
Prep. P&T							
Dichlorodifluoromethane	ND	ug/L	1	1.0	EPA 524.2	6/23/00 rt	WS15357
Chloromethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Vinyl Chloride	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Bromomethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Chloroethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Trichlorofluoromethane (Freon 11)	ND	ug/L	1	5.0	EPA 524.2	6/23/00 rt	WS15357
Trichlorotrifluoroethane (Freon 113)	ND	ug/L	1	10	EPA 524.2	6/23/00 rt	WS15357
1,1-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Methylene chloride (Dichloromethane)	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
trans-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Methyl tert-Butyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/23/00 rt	WS15357
1,1-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
2-Butanone (Methyl ethyl ketone)	ND	ug/L	1	5.0	EPA 524.2	6/23/00 rt	WS15357
2,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
cis-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Bromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Chloroform	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
1,1,1-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Carbon Tetrachloride	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
1,1-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
Benzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357
1,2-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00 rt	WS15357

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Wednesday, July 12, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004516-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/23/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed		Worksheet #
Trichloroethene (TCE)	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
1,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Dibromomethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Bromodichloromethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
cis-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
4-Methyl-2-pentanone (MiBK)	ND	ug/L	1	5.0	EPA 524.2	6/23/00	rt	WS15357
2-chloroethylvinyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/23/00	rt	WS15357
Toluene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
trans-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
tert-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/23/00	rt	WS15357
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/23/00	rt	WS15357
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/23/00	rt	WS15357
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/23/00	rt	WS15357
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/23/00	rt	WS15357

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Wednesday, July 12, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004516-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/23/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/23/00 rt	WS15357
Prep. *Direct Inj.*							
Perchlorate	ND	ug/L	1	4.0	EPA 314	6/27/00 dc	WS15545

Authorized Signature

Notes:

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
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RL = Reporting Limit.
ND = Not detected below the reporting limit.
TR = Trace detection, detected but below the RL.
J = Estimated value, detected but below the RL.
H = Estimated value, result is over the calibration range.
Sub = Subcontracted analysis, original report enclosed.

ELAP # 1132
LACSD # 10143
AZ0526

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Report Date: *Wednesday, July 12, 2000*
Received Date: *Monday, June 26, 2000*
Log By: tn
Log Time: 11:36

Client: Earth Tech, Inc.
100 West Broadway, Suite 200
Long Beach, CA 90802-4443
Attn.: Barry Molnaa

Phone: (562) 951-2129
FAX: (562) 951-2086

Project: LMC POP

P.O. #: 2000S-0086-LB9
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A004547-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: Keith Miller **Date:** 6/26/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed		Worksheet #
Nitrate as NO3	34	mg/L	10	2.0	EPA 300.0	6/27/00	kk	WS15492
Prep. SPE								
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/28/00	sl	WS15489
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/26/00	hn	WS15445
Total Suspended Solids	ND	mg/L	1	5	EPA 160.2	6/28/00	aw	WS15476
Prep. Direct Inj.								
Perchlorate	ND	ug/L	1	4.0	EPA 314	6/27/00	dc	WS15545
Prep. EPA 3510C								
Diesel range hydrocarbons (C10-C23)	ND	mg/L	1	0.10	EPA 8015B	6/26/00	wm	WS15523
Prep. P&T								
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/27/00	wm	WS15588
Prep. P&T								
Dichlorodifluoromethane	ND	ug/L	1	1.0	EPA 524.2	6/27/00	rt	WS15462
Chloromethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Vinyl Chloride	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Bromomethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Chloroethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Trichlorofluoromethane (Freon 11)	ND	ug/L	1	5.0	EPA 524.2	6/27/00	rt	WS15462
Trichlorotrifluoroethane (Freon 113)	ND	ug/L	1	10	EPA 524.2	6/27/00	rt	WS15462
1,1-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Methylene chloride (Dichloromethane)	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
trans-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Methyl tert-Butyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/27/00	rt	WS15462
1,1-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
2-Butanone (Methyl ethyl ketone)	ND	ug/L	1	5.0	EPA 524.2	6/27/00	rt	WS15462
2,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
cis-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Bromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Chloroform	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,1,1-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Carbon Tetrachloride	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,1-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Wednesday, July 12, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004547-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: Keith Miller **Date:** 6/26/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Benzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
1,2-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Trichloroethene (TCE)	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
1,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Dibromomethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Bromodichloromethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
cis-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
4-Methyl-2-pentanone (MiBK)	ND	ug/L	1	5.0	EPA 524.2	6/27/00 rt	WS15462
2-chloroethylvinyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/27/00 rt	WS15462
Toluene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
trans-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
tert-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/27/00 rt	WS15462
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/27/00 rt	WS15462
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Wednesday, July 12, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004547-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: Keith Miller **Date:** 6/26/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/27/00 rt	WS15462
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/27/00 rt	WS15462
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/27/00 rt	WS15462

Authorized Signature

Notes:

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless specified.
RL = Reporting Limit.
ND = Not detected below the reporting limit.
TR = Trace detection, detected but below the RL.
J = Estimated value, detected but below the RL.
H = Estimated value, result is over the calibration range.
Sub = Subcontracted analysis, original report enclosed.

ELAP # 1132
LACSD # 10143
AZ0526

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Weck Laboratories, Inc.
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Report Date: *Wednesday, July 12, 2000*
Received Date: *Tuesday, June 27, 2000*
Log By: mr
Log Time: 11:50

Client: Earth Tech, Inc.
100 West Broadway, Suite 200
Long Beach, CA 90802-4443
Attn.: Barry Molnaa

Phone: (562) 951-2129
FAX: (562) 951-2086

Project: LMC POP

P.O. #: 2000S-0086-LB9
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A004583-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: T.P. **Date:** 6/27/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Prep. P&T							
Dichlorodifluoromethane	ND	ug/L	1	1.0	EPA 524.2	6/27/00 rt	WS15462
Chloromethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Vinyl Chloride	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Bromomethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Chloroethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Trichlorofluoromethane (Freon 11)	ND	ug/L	1	5.0	EPA 524.2	6/27/00 rt	WS15462
Trichlorotrifluoroethane (Freon 113)	ND	ug/L	1	10	EPA 524.2	6/27/00 rt	WS15462
1,1-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Methylene chloride (Dichloromethane)	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
trans-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Methyl tert-Butyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/27/00 rt	WS15462
1,1-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
2-Butanone (Methyl ethyl ketone)	ND	ug/L	1	5.0	EPA 524.2	6/27/00 rt	WS15462
2,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
cis-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Bromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Chloroform	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
1,1,1-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Carbon Tetrachloride	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
1,1-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Benzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
1,2-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Trichloroethene (TCE)	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
1,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Dibromomethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
Bromodichloromethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
cis-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
4-Methyl-2-pentanone (MiBK)	ND	ug/L	1	5.0	EPA 524.2	6/27/00 rt	WS15462
2-chloroethylvinyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/27/00 rt	WS15462
Toluene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462
trans-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/27/00 rt	WS15462

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Wednesday, July 12, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004583-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: T.P. **Date:** 6/27/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed		Worksheet #
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
tert-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/27/00	rt	WS15462
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/27/00	rt	WS15462
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/27/00	rt	WS15462
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/27/00	rt	WS15462
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/27/00	rt	WS15462
Nitrate as NO3	33	mg/L	10	2.0	EPA 300.0	6/27/00	kk	WS15500
Prep. SPE								
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/28/00	sl	WS15489
Prep. EPA 3510C								
Diesel range hydrocarbons (C10-C23)	ND	mg/L	1	0.10	EPA 8015B	6/30/00	wm	WS15617
Prep. P&T								
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/27/00	wm	WS15588
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/30/00	hn	WS15611

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Wednesday, July 12, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004583-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: T.P. **Date:** 6/27/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed		Worksheet #
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
tert-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/27/00	rt	WS15462
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/27/00	rt	WS15462
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/27/00	rt	WS15462
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/27/00	rt	WS15462
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/27/00	rt	WS15462
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/27/00	rt	WS15462
Nitrate as NO3	33	mg/L	10	2.0	EPA 300.0	6/27/00	kk	WS15500
Prep. ***SPE***								
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/28/00	sl	WS15489
Prep. ***EPA 3510C***								
Diesel range hydrocarbons (C10-C23)	ND	mg/L	1	0.10	EPA 8015B	6/30/00	wm	WS15617
Prep. ***P&T***								
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/27/00	wm	WS15588
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/30/00	hn	WS15611

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Weck Laboratories, Inc.
Environmental and Analytical Services - Since 1964

Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Wednesday, July 12, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004583-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: T.P. **Date:** 6/27/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Total Suspended Solids	ND	mg/L	1	5	EPA 160.2	6/28/00 aw	WS15476
Prep. *Direct Inj.*							
Perchlorate	ND	ug/L	1	4.0	EPA 314	6/27/00 dc	WS15545

Authorized Signature

Notes:

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless specified.
RL = Reporting Limit.
ND = Not detected below the reporting limit.
TR = Trace detection, detected but below the RL.
J = Estimated value, detected but below the RL.
H = Estimated value, result is over the calibration range.
Sub = Subcontracted analysis, original report enclosed.

ELAP # 1132
LACSD # 10143
AZ0528

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DAILY MONITORING LOG
General Parameters

Date 6/1

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.6	1045	
GAC Influent	PI-01	3		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	58		psi
Bag Filter Effluent	PI-05	57		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	4594		KW-Hours
Electrical Usage Meter B	Electric Meter	596		KW-Hours

52 45 50 50

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DAILY MONITORING LOG
General Parameters

Date 6/2/00

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.6	1055	
GAC Influent	PI-01	4		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	57		psi
Bag Filter Effluent	PI-05	55		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	4603		KW-Hours
Electrical Usage Meter B	Electric Meter	596		KW-Hours

48 42 45 45

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DAILY MONITORING LOG

General Parameters

Date 6-3-00

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.7	1330	
GAC Influent	PI-01	3		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	58		psi
Bag Filter Effluent	PI-05	58		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	4612		KW-Hours
Electrical Usage Meter B	Electric Meter	601		KW-Hours

57 50 +60 54

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DAILY MONITORING LOG
General Parameters

Date 6-4-00

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.7	12:00	
GAC Influent	PI-01	3		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	60		psi
Bag Filter Effluent	PI-05	60		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	04619		KW-Hours
Electrical Usage Meter B	Electric Meter	00606		KW-Hours

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DAILY MONITORING LOG

General Parameters

Date 6-5-00

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.8	900	
GAC Influent	PI-01	3		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	60		psi
Bag Filter Effluent	PI-05	60		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	4626		KW-Hours
Electrical Usage Meter B	Electric Meter	610		KW-Hours

58 51 57 55

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DAILY MONITORING LOG

General Parameters

Date 6/6/00

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.6	1630	
GAC Influent	PI-01	3		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	59		psi
Bag Filter Effluent	PI-05	58		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	4636		KW-Hours
Electrical Usage Meter B	Electric Meter	616		KW-Hours

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DAILY MONITORING LOG
General Parameters

Date 6/7/00

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.7	1700	
GAC Influent	PI-01	3		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	58		psi
Bag Filter Effluent	PI-05	60		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	4644		KW-Hours
Electrical Usage Meter B	Electric Meter	614		KW-Hours

52 45 50 50

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DAILY MONITORING LOG
General Parameters

Date 6/8/00

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.6	0815	
GAC Influent	PI-01	3		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	59		psi
Bag Filter Effluent	PI-05	57		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	4649		KW-Hours
Electrical Usage Meter B	Electric Meter	622		KW-Hours

53 45 50 50

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DAILY MONITORING LOG

General Parameters

Date 6-9-00

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.7	1700	
GAC Influent	PI-01	3		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	60		psi
Bag Filter Effluent	PI-05	60		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	4660		KW-Hours
Electrical Usage Meter B	Electric Meter	627		KW-Hours

55 49 53 52

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FROM : EARTH TECH FAX NO. : 909 478 3960 Jun. 09 2000 05:40PM P8/8

DAILY MONITORING LOG

General Parameters

Date 6/12

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.6	1545	
GAC Influent	PI-01	3		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	58		psi
Bag Filter Effluent	PI-05	56		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	4685		KW-Hours
Electrical Usage Meter B	Electric Meter	635		KW-Hours

51 45 49 49

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DAILY MONITORING LOG

General Parameters

Date 6-13-00

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.8	1600	
GAC Influent	PI-01	3		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	60		psi
Bag Filter Effluent	PI-05	58		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	4694		KW-Hours
Electrical Usage Meter B	Electric Meter	640		KW-Hours

53 46 50 50

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DAILY MONITORING LOG

General Parameters

Date 6-14-00

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.8	1700	
GAC Influent	PI-01	4		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	60		psi
Bag Filter Effluent	PI-05	58		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	4702		KW-Hours
Electrical Usage Meter B	Electric Meter	645		KW-Hours

53 46 50 50

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DAILY MONITORING LOG
General Parameters

Date 6-15-00

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.8	1630	
GAC Influent	PI-01	2		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	58		psi
Bag Filter Effluent	PI-05	58		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	4710		KW-Hours
Electrical Usage Meter B	Electric Meter	650		KW-Hours

55 49 53 53

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DAILY MONITORING LOG
General Parameters

Date 6-16-00

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.6	1600	
GAC Influent	PI-01	3		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	60		psi
Bag Filter Effluent	PI-05	59		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	4719		KW-Hours
Electrical Usage Meter B	Electric Meter	655		KW-Hours

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DAILY MONITORING LOG
General Parameters

Date 6/19/00

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.7	1600	
GAC Influent	PI-01	3		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	60		psi
Bag Filter Effluent	PI-05	60		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	#741		KW-Hours
Electrical Usage Meter B	Electric Meter	667		KW-Hours

60 + 60 + 60 + 60 +

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DAILY MONITORING LOG
General Parameters

Date 6-20-00

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.8		
GAC Influent	PI-01	3		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	+60		psi
Bag Filter Effluent	PI-05	+60		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	4749		KW-Hours
Electrical Usage Meter B	Electric Meter	672		KW-Hours

+60 +60 +60 +60

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DAILY MONITORING LOG

General Parameters

Date 6-21-00

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.3	1700	
GAC Influent	PI-01	3		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	+60		psi
Bag Filter Effluent	PI-05	+60		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	9759		KW-Hours
Electrical Usage Meter B	Electric Meter	678		KW-Hours

0 +60 0 +60

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DAILY MONITORING LOG

General Parameters

Date ~~6-22-00~~ 6-23-00

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.7		
GAC Influent	PI-01	3		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	+60		psi
Bag Filter Effluent	PI-05	+60		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	4773		KW-Hours
Electrical Usage Meter B	Electric Meter	689		KW-Hours

+60 +60 +60 +60

DAILY MONITORING LOG
General Parameters

Date 6/26

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.7	1515	
GAC Influent	PI-01	2		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	60		psi
Bag Filter Effluent	PI-05	60		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	4795		KW-Hours
Electrical Usage Meter B	Electric Meter	700		KW-Hours

60 + 60 + 60 + 60 +

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DAILY MONITORING LOG

General Parameters

Date 6-27-00

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.9	1700	
GAC Influent	PI-01	2		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	6		psi
Bag Filter Influent	PI-04	60		psi
Bag Filter Effluent	PI-05	60		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	9822		KW-Hours
Electrical Usage Meter B	Electric Meter	796		KW-Hours

+66 +66 +66 +60

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DAILY MONITORING LOG

General Parameters

Date 6-28-00

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.9		
GAC Influent	PI-01	3		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	0		psi
Bag Filter Effluent	PI-05	0		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	4865		KW-Hours
Electrical Usage Meter B	Electric Meter	712		KW-Hours

0 10 60 +60

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DAILY MONITORING LOG

General Parameters

Date 6/29/00

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	9.7	1545	
GAC Influent	PI-01	3		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	0		psi
Bag Filter Effluent	PI-05	0		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	4805		KW-Hours
Electrical Usage Meter B	Electric Meter	717		KW-Hours

pump off

60+ 10 51 60

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DAILY MONITORING LOG
General Parameters

Date ~~1115~~ 6/30/00

Parameter	Location/ID#	Reading	Time	Units
pH @ Discharge	Discharge	7.8	1115	
GAC Influent	PI-01	5		psi
GAC Midpoint	PI-02	0		psi
GAC Effluent	PI-03	0		psi
Bag Filter Influent	PI-04	0		psi
Bag Filter Effluent	PI-05	0		psi
Influent Manifold Pressure	PI-06			psi
Electrical Usage Meter A	Electric Meter	4805		KW-Hours
Electrical Usage Meter B	Electric Meter	719		KW-Hours

pump off

60 8 44 52

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Weck Laboratories, Inc.

Environmental and Analytical Services - Since 1964

Report Date: *Thursday, June 15, 2000*
Received Date: *Thursday, June 01, 2000*
Log By: tn
Log Time: 11:19

Client: Earth Tech, Inc.
100 West Broadway, Suite 200
Long Beach, CA 90802-4443
Attn.: Barry Molnaa

Phone: (562) 951-2129
FAX: (562) 951-2086

Project: LMC POP

P.O. #: 2000S-0086-LB9
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A003914-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/1/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed		Worksheet #
Nitrate as NO3	36	mg/L	1	0.20	EPA 300.0	6/1/00	kk	WS14735
Prep. SPE								
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/5/00	SL	WS14865
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/2/00	km	WS14761
Total Suspended Solids	ND	mg/L	1	5	EPA 160.2	6/2/00	AW	WS14752
Prep. Direct Inj.								
Perchlorate	ND	ug/L	1	4.0	EPA 314	6/2/00	dc	WS14777
Prep. EPA 3510C								
Diesel range hydrocarbons (C10-C23)	ND	mg/L	1	0.10	EPA 8015B	6/5/00	wm	WS14833
Prep. P&T								
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/2/00	wm	WS14849
Prep. P&T								
Dichlorodifluoromethane	ND	ug/L	1	1.0	EPA 524.2	6/2/00	rt	WS14826
Chloromethane	ND	ug/L	1	0.50	EPA 524.2	6/2/00	rt	WS14826
Vinyl Chloride	ND	ug/L	1	0.50	EPA 524.2	6/2/00	rt	WS14826
Bromomethane	ND	ug/L	1	0.50	EPA 524.2	6/2/00	rt	WS14826
Chloroethane	ND	ug/L	1	0.50	EPA 524.2	6/2/00	rt	WS14826
Trichlorofluoromethane (Freon 11)	ND	ug/L	1	5.0	EPA 524.2	6/2/00	rt	WS14826
Trichlorotrifluoroethane (Freon 113)	ND	ug/L	1	10	EPA 524.2	6/2/00	rt	WS14826
1,1-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/2/00	rt	WS14826
Methylene chloride (Dichloromethane)	ND	ug/L	1	0.50	EPA 524.2	6/2/00	rt	WS14826
trans-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/2/00	rt	WS14826
Methyl tert-Butyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/2/00	rt	WS14826
1,1-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/2/00	rt	WS14826
2-Butanone (Methyl ethyl ketone)	ND	ug/L	1	5.0	EPA 524.2	6/2/00	rt	WS14826
2,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/2/00	rt	WS14826
cis-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/2/00	rt	WS14826
Bromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/2/00	rt	WS14826
Chloroform	ND	ug/L	1	0.50	EPA 524.2	6/2/00	rt	WS14826
1,1,1-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/2/00	rt	WS14826
Carbon Tetrachloride	ND	ug/L	1	0.50	EPA 524.2	6/2/00	rt	WS14826
1,1-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/2/00	rt	WS14826

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Weck Laboratories, Inc.
Environmental and Analytical Services - Since 1964

Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Thursday, June 15, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A003914-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/1/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Benzene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
1,2-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
Trichloroethene (TCE)	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
1,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
Dibromomethane	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
Bromodichloromethane	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
cis-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
4-Methyl-2-pentanone (MiBK)	ND	ug/L	1	5.0	EPA 524.2	6/2/00 rt	WS14826
2-chloroethylvinyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/2/00 rt	WS14826
Toluene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
trans-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
tert-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/2/00 rt	WS14826
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/2/00 rt	WS14826
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/2/00 rt	WS14826

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Thursday, June 15, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A003914-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/1/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/2/00 rt	WS14826
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/2/00 rt	WS14826
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/2/00 rt	WS14826

Authorized Signature

Notes:

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless specified.
RL = Reporting Limit.
ND = Not detected below the reporting limit.
TR = Trace detection, detected but below the RL.
J = Estimated value, detected but below the RL.
H = Estimated value, result is over the calibration range.
Sub = Subcontracted analysis, original report enclosed.

ELAP # 1132
LACSD # 10143

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Report Date: *Thursday, June 15, 2000*
Received Date: *Friday, June 02, 2000*
Log By: mr
Log Time: 13:35

Client: Earth Tech, Inc.
100 West Broadway, Suite 200
Long Beach, CA 90802-4443
Attn.: Barry Molnaa

Phone: (562) 951-2129
FAX: (562) 951-2086

Project: LMC POP

P.O. #: 2000S-0086-LB9
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A003949-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: T.P. **Date:** 6/2/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Prep. P&T							
Dichlorodifluoromethane	ND	ug/L	1	1.0	EPA 524.2	6/5/00 rt	WS14829
Chloromethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Vinyl Chloride	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Bromomethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Chloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Trichlorofluoromethane (Freon 11)	ND	ug/L	1	5.0	EPA 524.2	6/5/00 rt	WS14829
Trichlorotrifluoroethane (Freon 113)	ND	ug/L	1	10	EPA 524.2	6/5/00 rt	WS14829
1,1-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Methylene chloride (Dichloromethane)	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
trans-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Methyl tert-Butyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/5/00 rt	WS14829
1,1-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
2-Butanone (Methyl ethyl ketone)	ND	ug/L	1	5.0	EPA 524.2	6/5/00 rt	WS14829
2,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
cis-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Bromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Chloroform	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,1,1-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Carbon Tetrachloride	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,1-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Trichloroethene (TCE)	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Dibromomethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Bromodichloromethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
cis-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1	5.0	EPA 524.2	6/5/00 rt	WS14829
2-chloroethylvinyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/5/00 rt	WS14829
Toluene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
trans-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Thursday, June 15, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A003949-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: T.P. **Date:** 6/2/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
tert-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt.	WS14829
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/5/00 rt	WS14829
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/5/00 rt	WS14829
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/5/00 rt	WS14829
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/5/00 rt	WS14829
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/5/00 rt	WS14829
Nitrate as NO3	36	mg/L	1	0.20	EPA 300.0	6/2/00 kk	WS14906
Prep. SPE							
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/5/00 SL	WS14865
Prep. EPA 3510C							
Diesel range hydrocarbons (C10-C23)	ND	mg/L	1	0.10	EPA 8015B	6/5/00 wm	WS14833
Prep. P&T							
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/5/00 wm	WS14830
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/2/00 km	WS14761

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Thursday, June 15, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A003949-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: T.P. **Date:** 6/2/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Total Suspended Solids	ND	mg/L	1	5	EPA 160.2	6/8/00 aw	WS14891
Prep. *Direct Inj.*							
Perchlorate	ND	ug/L	1	4.0	EPA 314	6/5/00 dc	WS14814

Authorized Signature

Notes:

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless specified.
RL = Reporting Limit.
ND = Not detected below the reporting limit.
TR = Trace detection, detected but below the RL.
J = Estimated value, detected but below the RL.
H = Estimated value, result is over the calibration range.
Sub = Subcontracted analysis, original report enclosed.

ELAP # 1132
LACSD # 10143

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Report Date: *Tuesday, June 20, 2000*
Received Date: *Monday, June 05, 2000*
Log By: tn
Log Time: 12:15

Client: Earth Tech, Inc.
100 West Broadway, Suite 200
Long Beach, CA 90802-4443
Attn.: Barry Molnaa

Phone: (562) 951-2129
FAX: (562) 951-2086

Project: LMC POP

P.O. #: 2000S-0086-LB9
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A003982-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: Client **Date:** 6/3/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed		Worksheet #
Nitrate as NO3	33	mg/L	1	0.20	EPA 300.0	6/6/00	kk	WS15053
Prep. SPE								
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/5/00	SL	WS14865
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/6/00	km	WS14863
Total Suspended Solids	ND	mg/L	1	5	EPA 160.2	6/8/00	aw	WS14891
Prep. Direct Inj.								
Perchlorate	ND	ug/L	1	4.0	EPA 314	6/6/00	dc	WS14886
Prep. P&T								
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/6/00	wm	WS14926
Prep. P&T								
Dichlorodifluoromethane	ND	ug/L	1	1.0	EPA 524.2	6/5/00	rt	WS14829
Chloromethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Vinyl Chloride	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Bromomethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Chloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Trichlorofluoromethane (Freon 11)	ND	ug/L	1	5.0	EPA 524.2	6/5/00	rt	WS14829
Trichlorotrifluoroethane (Freon 113)	ND	ug/L	1	10	EPA 524.2	6/5/00	rt	WS14829
1,1-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Methylene cnloride (Dichloromethane)	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
trans-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Methyl tert-Butyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/5/00	rt	WS14829
1,1-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
2-Butanone (Methyl ethyl ketone)	ND	ug/L	1	5.0	EPA 524.2	6/5/00	rt	WS14829
2,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
cis-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Bromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Chloroform	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
1,1,1-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Carbon Tetrachloride	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
1,1-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
1,2-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Tuesday, June 20, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A003982-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: Client **Date:** 6/3/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Trichloroethene (TCE)	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Dibromomethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Bromodichloromethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
cis-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
4-Methyl-2-pentanone (MiBK)	ND	ug/L	1	5.0	EPA 524.2	6/5/00 rt	WS14829
2-chloroethylvinyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/5/00 rt	WS14829
Toluene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
trans-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
tert-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/5/00 rt	WS14829
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/5/00 rt	WS14829
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/5/00 rt	WS14829
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/5/00 rt	WS14829

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Tuesday, June 20, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A003982-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: Client **Date:** 6/3/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/5/00 rt	WS14829

Authorized Signature

Notes:

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless specified.
RL = Reporting Limit.
ND = Not detected below the reporting limit.
TR = Trace detection, detected but below the RL.
J = Estimated value, detected but below the RL.
H = Estimated value, result is over the calibration range.
Sub = Subcontracted analysis, original report enclosed.

ELAP # 1132
LACSD # 10143

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Report Date: *Tuesday, June 20, 2000*
Received Date: *Monday, June 05, 2000*
Log By: tn
Log Time: 12:21

Client: Earth Tech, Inc.
100 West Broadway, Suite 200
Long Beach, CA 90802-4443
Attn.: Barry Molnaa

Phone: (562) 951-2129
FAX: (562) 951-2086

Project: LMC POP

P.O. #: 2000S-0086-LB9
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A003982-008 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: Client **Date:** 6/4/00 **Time:** 9:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed		Worksheet #
Nitrate as NO3	32	mg/L	1	0.20	EPA 300.0	6/6/00	kk	WS15053
Prep. SPE								
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/5/00	SL	WS14865
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/6/00	km	WS14863
Total Suspended Solids	ND	mg/L	1	5	EPA 160.2	6/8/00	aw	WS14891
Prep. Direct Inj.								
Perchlorate	ND	ug/L	1	4.0	EPA 314	6/6/00	dc	WS14886
Prep. EPA 3510C								
Diesel range hydrocarbons (C10-C23)	ND	mg/L	1	0.10	EPA 8015B	6/13/00	wm	WS15052
Prep. P&T								
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/6/00	wm	WS14926
Prep. P&T								
Dichlorodifluoromethane	ND	ug/L	1	1.0	EPA 524.2	6/5/00	rt	WS14829
Chloromethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Vinyl Chloride	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Bromomethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Chloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Trichlorofluoromethane (Freon 11)	ND	ug/L	1	5.0	EPA 524.2	6/5/00	rt	WS14829
Trichlorotrifluoroethane (Freon 113)	ND	ug/L	1	10	EPA 524.2	6/5/00	rt	WS14829
1,1-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Methylene chloride (Dichloromethane)	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
trans-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Methyl tert-Butyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/5/00	rt	WS14829
1,1-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
2-Butanone (Methyl ethyl ketone)	ND	ug/L	1	5.0	EPA 524.2	6/5/00	rt	WS14829
2,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
cis-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Bromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Chloroform	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
1,1,1-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Carbon Tetrachloride	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
1,1-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Tuesday, June 20, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A003982-008 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: Client **Date:** 6/4/00 **Time:** 9:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Trichloroethene (TCE)	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Dibromomethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Bromodichloromethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
cis-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
4-Methyl-2-pentanone (MIBK)	ND	ug/L	1	5.0	EPA 524.2	6/5/00 rt	WS14829
2-chloroethylvinyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/5/00 rt	WS14829
Toluene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
trans-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
tert-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/5/00 rt	WS14829
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/5/00 rt	WS14829
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Tuesday, June 20, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A003982-008 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: Client **Date:** 6/4/00 **Time:** 9:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/5/00 rt	WS14829
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/5/00 rt	WS14829
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/5/00 rt	WS14829

Authorized Signature

Notes:

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless specified.
RL = Reporting Limit.
ND = Not detected below the reporting limit.
TR = Trace detection, detected but below the RL.
J = Estimated value, detected but below the RL.
H = Estimated value, result is over the calibration range.
Sub = Subcontracted analysis, original report enclosed.

ELAP # 1132
LACSD # 10143

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Report Date: *Tuesday, June 20, 2000*
Received Date: *Monday, June 05, 2000*
Log By: tn
Log Time: 12:23

Client: Earth Tech, Inc.
100 West Broadway, Suite 200
Long Beach, CA 90802-4443
Attn.: Barry Molnaa

Phone: (562) 951-2129
FAX: (562) 951-2086

Project: LMC POP

P.O. #: 2000S-0086-LB9
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A003984-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: Client **Date:** 6/5/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed		Worksheet #
Nitrate as NO3	32	mg/L	1	0.20	EPA 300.0	6/6/00	kk	WS15053
Prep. SPE								
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/5/00	SL	WS14865
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/6/00	km	WS14863
Total Suspended Solids	ND	mg/L	1	5	EPA 160.2	6/8/00	aw	WS14891
Prep. Direct Inj.								
Perchlorate	ND	ug/L	1	4.0	EPA 314	6/6/00	dc	WS14886
Prep. EPA 3510C								
Diesel range hydrocarbons (C10-C23)	ND	mg/L	1	0.10	EPA 8015B	6/13/00	wm	WS15052
Prep. P&T								
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/6/00	wm	WS14926
Prep. P&T								
Dichlorodifluoromethane	ND	ug/L	1	1.0	EPA 524.2	6/5/00	rt	WS14829
Chloromethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Vinyl Chloride	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Bromomethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Chloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Trichlorofluoromethane (Freon 11)	ND	ug/L	1	5.0	EPA 524.2	6/5/00	rt	WS14829
Trichlorotrifluoroethane (Freon 113)	ND	ug/L	1	10	EPA 524.2	6/5/00	rt	WS14829
1,1-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Methylene chloride (Dichloromethane)	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
trans-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Methyl tert-Butyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/5/00	rt	WS14829
1,1-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
2-Butanone (Methyl ethyl ketone)	ND	ug/L	1	5.0	EPA 524.2	6/5/00	rt	WS14829
2,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
cis-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Bromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Chloroform	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
1,1,1-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
Carbon Tetrachloride	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829
1,1-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/5/00	rt	WS14829

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Tuesday, June 20, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A003984-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: Client **Date:** 6/5/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Trichloroethene (TCE)	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Dibromomethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Bromodichloromethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
cis-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
4-Methyl-2-pentanone (MiBK)	ND	ug/L	1	5.0	EPA 524.2	6/5/00 rt	WS14829
2-chloroethylvinyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/5/00 rt	WS14829
Toluene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
trans-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
tert-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/5/00 rt	WS14829
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/5/00 rt	WS14829
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/5/00 rt	WS14829

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Weck Laboratories, Inc.
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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Tuesday, June 20, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A003984-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: Client **Date:** 6/5/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/5/00 rt	WS14829
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/5/00 rt	WS14829
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/5/00 rt	WS14829

Authorized Signature

Notes:

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless specified.
RL = Reporting Limit.
ND = Not detected below the reporting limit.
TR = Trace detection, detected but below the RL.
J = Estimated value, detected but below the RL.
H = Estimated value, result is over the calibration range.
Sub = Subcontracted analysis, original report enclosed.

ELAP # 1132
LACSD # 10143

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Weck Laboratories, Inc.
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Report Date: *Thursday, June 22, 2000*
Received Date: *Tuesday, June 06, 2000*
Log By: tn
Log Time: 11:40

Client: Earth Tech, Inc.
100 West Broadway, Suite 200
Long Beach, CA 90802-4443
Attn.: Barry Molnaa

Phone: (562) 951-2129
FAX: (562) 951-2086

Project: LMC POP

P.O. #: 2000S-0086-LB9
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A004018-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/6/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed		Worksheet #
Nitrate as N	33	mg/L	1	0.05	EPA 300.0	6/6/00	kk	WS15053
Prep. SPE								
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/8/00	sl	WS14966
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/6/00	km	WS14863
Total Suspended Solids	ND	mg/L	1	5	EPA 160.2	6/8/00	aw	WS14931
Prep. Direct Inj.								
Perchlorate	ND	ug/L	1	4.0	EPA 314	6/6/00	dc	WS14886
Prep. EPA 3510C								
Diesel range hydrocarbons (C10-C23)	ND	mg/L	1	0.10	EPA 8015B	6/13/00	wm	WS15052
Prep. P&T								
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/7/00	wm	WS14924
Prep. P&T								
Dichlorodifluoromethane	ND	ug/L	1	1.0	EPA 524.2	6/9/00	rt	WS14999
Chloromethane	ND	ug/L	1	0.50	EPA 524.2	6/9/00	rt	WS14999
Vinyl Chloride	ND	ug/L	1	0.50	EPA 524.2	6/9/00	rt	WS14999
Bromomethane	ND	ug/L	1	0.50	EPA 524.2	6/9/00	rt	WS14999
Chloroethane	ND	ug/L	1	0.50	EPA 524.2	6/9/00	rt	WS14999
Trichlorofluoromethane (Freon 11)	ND	ug/L	1	5.0	EPA 524.2	6/9/00	rt	WS14999
Trichlorotrifluoroethane (Freon 113)	ND	ug/L	1	10	EPA 524.2	6/9/00	rt	WS14999
1,1-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/9/00	rt	WS14999
Methylene chloride (Dichloromethane)	ND	ug/L	1	0.50	EPA 524.2	6/9/00	rt	WS14999
trans-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/9/00	rt	WS14999
Methyl tert-Butyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/9/00	rt	WS14999
1,1-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/9/00	rt	WS14999
2-Butanone (Methyl ethyl ketone)	ND	ug/L	1	5.0	EPA 524.2	6/9/00	rt	WS14999
2,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/9/00	rt	WS14999
cis-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/9/00	rt	WS14999
Bromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/9/00	rt	WS14999
Chloroform	ND	ug/L	1	0.50	EPA 524.2	6/9/00	rt	WS14999
1,1,1-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/9/00	rt	WS14999
Carbon Tetrachloride	ND	ug/L	1	0.50	EPA 524.2	6/9/00	rt	WS14999
1,1-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/9/00	rt	WS14999

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Thursday, June 22, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004018-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/6/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Benzene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
1,2-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
Trichloroethene (TCE)	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
1,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
Dibromomethane	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
Bromodichloromethane	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
cis-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
4-Methyl-2-pentanone (MiBK)	ND	ug/L	1	5.0	EPA 524.2	6/9/00 rt	WS14999
2-chloroethylvinyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/9/00 rt	WS14999
Toluene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
trans-1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
1,1,2-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
Tetrachloroethene (PCE)	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
1,3-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
Dibromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
1,2-Dibromoethane (EDB)	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
Chlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
Ethyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
m/p-Xylenes	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
o-Xylene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
Styrene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
Bromoform	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
isopropylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
Bromobenzene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
1,2,3-Trichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
n-Propyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
2-chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
4-Chlorotoluene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
1,3,5-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
tert-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
1,2,4-Trimethylbenzene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
bis(2-Chloroethyl) Ether	ND	ug/L	1	5.0	EPA 524.2	6/9/00 rt	WS14999
sec-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
1,3-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
4-isopropyltoluene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
1,4-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
1,2-Dichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
n-Butyl benzene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	1	1.0	EPA 524.2	6/9/00 rt	WS14999
1,2,4-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
Hexachlorobutadiene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
Naphthalene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
1,2,3-Trichlorobenzene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999
Total 1,3-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/9/00 rt	WS14999

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Client: Earth Tech, Inc.
Project Name: LMC POP

Report Date: *Thursday, June 22, 2000*

CERTIFICATE OF ANALYSIS

Lab#: A004018-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/6/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed	Worksheet #
Tert-amyl Methyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/9/00 rt	WS14999
Ethyl tert-Butyl Ether	ND	ug/L	1	3.0	EPA 524.2	6/9/00 rt	WS14999
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.5	EPA 524.2	6/9/00 rt	WS14999

Authorized Signature

Notes:

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless specified.
RL = Reporting Limit.
ND = Not detected below the reporting limit.
TR = Trace detection, detected but below the RL.
J = Estimated value, detected but below the RL.
H = Estimated value, result is over the calibration range.
Sub = Subcontracted analysis, original report enclosed.

ELAP # 1132
LACSD # 10143

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Report Date: *Thursday, June 22, 2000*
Received Date: *Wednesday, June 07, 2000*
Log By: tn
Log Time: 11:42

Client: Earth Tech, Inc.
100 West Broadway, Suite 200
Long Beach, CA 90802-4443
Attn.: Barry Molnaa

Phone: (562) 951-2129
FAX: (562) 951-2086

Project: LMC POP

P.O. #: 2000S-0086-LB9
Turnaround Time: Normal

CERTIFICATE OF ANALYSIS

Lab#: A004066-001 **Sample ID:** Discharge **Matrix:** Ground Water
Sampled By: TP **Date:** 6/7/00 **Time:** 8:00

Parameter	Result	Units	Dilution Factor	RL	Method	Analyzed		Worksheet #
Nitrate as NO3	31	mg/L	1	0.20	EPA 300.0	6/14/00	kk	WS15065
Prep. SPE								
Oil & Grease	ND	mg/L	1	5	EPA 1664	6/8/00	si	WS14966
Sulfide, dissolved	ND	mg/L	1	0.10	SM 4500S2 D	6/12/00	hn	WS15001
Total Suspended Solids	ND	mg/L	1	5	EPA 160.2	6/8/00	aw	WS14931
Prep. Direct Inj.								
Perchlorate	ND	ug/L	1	4.0	EPA 314	6/7/00	dc	WS14938
Prep. EPA 3510C								
Diesel range hydrocarbons (C10-C23)	ND	mg/L	1	0.10	EPA 8015B	6/13/00	wm	WS15052
Prep. P&T								
Gasoline range hydrocarbons (C6-C10)	ND	mg/L	1	0.10	EPA 8015B	6/9/00	wm	WS15021
Prep. P&T								
Dichlorodifluoromethane	ND	ug/L	1	1.0	EPA 524.2	6/12/00	rt	WS15113
Chloromethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
Vinyl Chloride	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
Bromomethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
Chloroethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
Trichlorofluoromethane (Freon 11)	ND	ug/L	1	5.0	EPA 524.2	6/12/00	rt	WS15113
Trichlorotrifluoroethane (Freon 113)	ND	ug/L	1	10	EPA 524.2	6/12/00	rt	WS15113
1,1-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
Methylene chloride (Dichloromethane)	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
trans-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
Methyl tert-Butyl Ether	ND	ug/L	1	1.0	EPA 524.2	6/12/00	rt	WS15113
1,1-Dichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
2-Butanone (Methyl ethyl ketone)	ND	ug/L	1	5.0	EPA 524.2	6/12/00	rt	WS15113
2,2-Dichloropropane	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
cis-1,2-Dichloroethene	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
Bromochloromethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
Chloroform	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
1,1,1-Trichloroethane	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
Carbon Tetrachloride	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113
1,1-Dichloropropene	ND	ug/L	1	0.50	EPA 524.2	6/12/00	rt	WS15113

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