

Charles
Chris

3 June 1997

Amarinderjit S. Nagi, P.E.
Western Field Services Section
New York State Department of Environmental Conservation
50 Wolf Road
Albany, New York 12233-7010

Subject: Reynolds Metals Can Plant Site Remediation
Oil and Grease Exceedance
Project #10977-02

Dear Mr. Nagi:

Earth Tech, Inc. (Earth Tech) submits this correspondence to document an exceedance of the effluent criteria during startup of the oil/water separator at the subject facility.

Telephone

609.482.5553

Facsimile

609.482.6514

The oil/water separator receives groundwater collected from recovery wells RW-6 and RW-7. The oil/water separator initiated operation on a batch basis during the week of 25 April 1997 by pumping recovery wells RW-6 and RW-7 until the influent tank of the separator had sufficient volume for batch operation. Upon filling the influent tank, the recovery wells were shut off. The collected groundwater was then pH adjusted and pumped through the oil coalescing separator to recover any free phase oil. The treated groundwater was then collected in the oil/water separator effluent tank. The treated groundwater was sampled prior to pumping into the equalization tank for further treatment through the groundwater treatment system.

The analytical data indicated that low concentrations of oil and grease were present in the collected groundwater and effective removal was evident through the oil/water separator. The batch startup run was repeated to confirm proper operation.

The oil/water separator system was started on a continuous basis on 27 May 1997. Samples were collected during this initial startup to confirm proper operation of the system. Earth Tech received the analytical results 24 hours later and identified that increased oil and grease concentrations were present during continuous operation. The oil/water separator did not effectively recover the higher concentration of oil and grease; therefore, an oil and grease concentration (77 mg/L), which exceeded the permit criteria (15 mg/L), was present in the effluent on 27 May 1997.

Upon receipt of the analytical results, Earth Tech immediately shutdown recovery wells RW-6 and RW-7. However, an additional set of samples was already collected and submitted for analysis on 28 May 1997. The analytical results from this date indicated that the concentrations had decreased and the effluent sample result was within permit criteria.

Based upon the analytical results identified during initial continuous operation of the oil/water separator, Earth Tech is currently conducting bench-scale tests to establish a demulsifying agent that will effectively demulsify the oil and grease present in this groundwater stream.

E A R T H



T E C H

Amar Nagi
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3 June 1997

The continuous pumping of these wells may have caused increased emulsifying of oils affecting the efficiency of the oil/water separator. Upon completion of the bench scale testing, Earth Tech will contact you with our proposed corrective action to ensure this exceedance does not occur in the future.

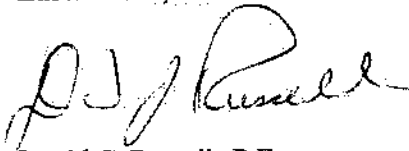
During initial startup of the oil/water separator a one time exceedance of permit criteria was realized. Earth Tech is currently conducting corrective action to modify the oil/water separator operation to ensure proper treatment prior to re-startup of recovery wells RW-6 and RW-7.

Earth Tech will contact you prior to startup of recovery wells RW-6 and RW-7. We are currently scheduled to meet at the site on **10 June 1997 at 10:30 a.m.**

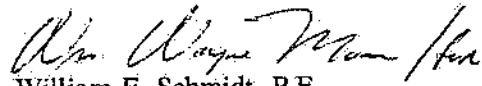
We have included as attachments the analytical results for the initial operation of recovery wells RW-6 and RW-7 and the oil/water separator. If you have any questions concerning this submittal or this project feel free to contact us at 609-482-5553.

Very truly yours,

Earth Tech, Inc.



David J. Russell, P.E.
Associate Principal



William F. Schmidt, P.E.
Project Engineer

Attachments

cc: K. Kinton
Director, Bureau of Environmental Exposure Investigation
Regional Director, Region 7
Samara Swanson, Esq.
M. DiPietro

F:\epd\acs\miller\o&g\viol.cor

Dave,

RPT # 97 → 1ST BATCH

RPT # 99 → 2ND BATCH 600 gal.

RPT # 100 → INFLUENT 624 and O+G

RPT # 101 → 3RD BATCH

RPT # 102 → 4TH BATCH ~~1ST BATCH~~

RPT # 103 → INFLUENT FROM #102

RPT # 104 → O+G EFFLUENT 5TH BATCH

RPT # 105 → 624 SAME WATER AS #104

RPT # 108 → 1ST FULL TIME SAMPLE

RPT # 109 → 2ND FULL TIME SAMPLE

Carol
17
PAGES

DATE, TIME
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05/09 07:07
CHERRY HILL
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OK
STANDARD

TIME: 05/09/1997 07:07
NAME: EARTH TECH OPERATION
FAX: 3155985497
TEL: 3155985395

TRANSMISSION VERIFICATION REPORT

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse, New York 13057
(315) 445-1105
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Page # 1

** SAMPLE ANALYSIS REPORT **

04/29/97

Original to:
Mr. Gary Mullen
Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Copy to:
Bob Markowitch, Earth Tech, NJ

Sample # 70407231 Project #: L3234 -97
Customer ID: RW6 + RW7 - 04/25/97
Matrix: NPW, RUSH Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Oil/Grease, EPA 413.1	13	mg/l		04/29/97	KEC

Sample # 70407232 Project #: L3234 -97
Customer ID: OWS Post Sep. - 04/25/97
Matrix: NPW, RUSH Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Oil/Grease, EPA 413.1	4.8	mg/l		04/29/97	KEC

Done
17 pages

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** SAMPLE ANALYSIS REPORT **

05/02/97

Original to:
Mr. Gary Mullen
Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Copy to:
Mr. Bob Markowitch, Earth Tech Operations, NJ
Phone: (315) 598-5396

Sample # 70507542 Project #: L3234 -99
Customer ID: OWS BFP - 04/30/97
Matrix: NPW, 24HR Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Oil/Grease, EPA 413.1	<4	mg/l		05/01/97	PEP

Sample # 70507543 Project #: L3234 -99
Customer ID: OWS Post Sep - 04/30/97
Matrix: NPW, 24HR Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Oil/Grease, EPA 413.1	5.1	mg/l	a	05/01/97	PEP

a- A trace amount of this analyte was detected in the laboratory blank.

Sample # 70507544 Project #: L3234 -99
Customer ID: MW-48S - 04/30/97
Matrix: NPW, 24HR Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
EPA 624 Volatiles (Miller)					
Benzene	<500	ug/l		05/02/97	KMG
Bromodichloromethane	<500	ug/l		05/02/97	KMG
Bromoform	<500	ug/l		05/02/97	KMG
Bromomethane	<500	ug/l		05/02/97	KMG
Carbon tetrachloride	<500	ug/l		05/02/97	KMG
Chlorobenzene	<500	ug/l		05/02/97	KMG
Chloroethane	<500	ug/l		05/02/97	KMG
2-Chloroethylvinylether	<5000	ug/l		05/02/97	KMG
Chloroform	<500	ug/l		05/02/97	KMG
Chloromethane	<500	ug/l		05/02/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/14/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen
Phone: (315) 598-5396

Sample # 70507561 Project #: L3234 -100
Customer ID: Final EFF - 04/30/97
Matrix: NPW Authorization: Miller

Test Name	Results	Units	Comment Completed	Initials
-----	-----	-----	-----	-----
cis-1,2-Dichloroethene	<5	ug/l	05/02/97	KMG
2-Hexanone	<10	ug/l	05/02/97	KMG
4-Methyl-2-pentanone (MIBK)	<10	ug/l	05/02/97	KMG

Sample # 70507562 Project #: L3234 -100
Customer ID: RW-6 - 04/30/97
Matrix: NPW Authorization: Miller

Test Name	Results	Units	Comment Completed	Initials
-----	-----	-----	-----	-----
Oil/Grease, EPA 413.1	11	mg/l	05/06/97	PEP

Sample # 70507563 Project #: L3234 -100
Customer ID: RW-7 - 04/30/97
Matrix: NPW Authorization: Miller

Test Name	Results	Units	Comment Completed	Initials
-----	-----	-----	-----	-----
Oil/Grease, EPA 413.1	<4	mg/l	05/06/97	PEP

Sample # 70507564 Project #: L3234 -100
Customer ID: AST INF - 04/30/97
Matrix: NPW Authorization: Miller

Test Name	Results	Units	Comment Completed	Initials
-----	-----	-----	-----	-----
Oil/Grease, EPA 413.1	<4	mg/l	05/06/97	PEP

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** SAMPLE ANALYSIS REPORT **

05/14/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen
Phone: (315) 598-5396

Sample # 70507551
Customer ID: RW-5 - 04/30/97
Matrix: NPW

Project #: L3234 -100
Authorization: Miller

Test Name	Results	Units	Comment Completed	Initials
p-xylene	<2	ug/l	05/12/97	KEJ

Sample # 70507552
Customer ID: RW-6 - 04/30/97
Matrix: NPW

Project #: L3234 -100
Authorization: Miller

Test Name	Results	Units	Comment Completed	Initials
EPA 624 Volatiles (Miller)				
Benzene	<100	ug/l	05/06/97	KMG
Bromodichloromethane	<100	ug/l	05/06/97	KMG
Bromoform	<100	ug/l	05/06/97	KMG
Bromomethane	<100	ug/l	05/06/97	KMG
Carbon tetrachloride	<100	ug/l	05/06/97	KMG
Chlorobenzene	<100	ug/l	05/06/97	KMG
Chloroethane	<100	ug/l	05/06/97	KMG
2-Chloroethylvinylether	<1000	ug/l	05/06/97	KMG
Chloroform	<100	ug/l	05/06/97	KMG
Chloromethane	<100	ug/l	05/06/97	KMG
Dibromochloromethane	<100	ug/l	05/06/97	KMG
1,2-Dichlorobenzene	<100	ug/l	05/06/97	KMG
1,3-Dichlorobenzene	<100	ug/l	05/06/97	KMG
1,4-Dichlorobenzene	<100	ug/l	05/06/97	KMG
1,1-Dichloroethane	3500	ug/l	05/06/97	KMG
1,2-Dichloroethane	<100	ug/l	05/06/97	KMG
1,1-Dichloroethene	<100	ug/l	05/06/97	KMG
trans-1,2-Dichloroethene	<100	ug/l	05/06/97	KMG
1,2-Dichloropropane	<100	ug/l	05/06/97	KMG
cis-1,3-Dichloropropene	<100	ug/l	05/06/97	KMG
trans-1,3-Dichloropropene	<100	ug/l	05/06/97	KMG
Ethylbenzene	<100	ug/l	05/06/97	KMG
Methylene chloride	<200	ug/l	05/06/97	KMG
1,1,2,2-Tetrachloroethane	<100	ug/l	05/06/97	KMG
Tetrachlorethene	<100	ug/l	05/06/97	KMG
Toluene	<100	ug/l	05/06/97	KMG
1,1,1-Trichloroethane	740	ug/l	05/06/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/14/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen
Phone: (315) 598-5396

Sample # 70507552
Customer ID: RW-6 - 04/30/97
Matrix: NPW

Project #: L3234 -100
Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
1,1,2-Trichloroethane	<100	ug/l		05/06/97	KMG
Trichloroethene	<100	ug/l		05/06/97	KMG
Trichlorofluoromethane	<100	ug/l		05/06/97	KMG
Vinyl chloride	1700	ug/l		05/06/97	KMG
o-Xylene	<100	ug/l		05/06/97	KMG
m-Xylene	<100	ug/l		05/06/97	KMG
p-Xylene	<100	ug/l		05/06/97	KMG
Acetone	<200	ug/l		05/06/97	KMG
Bromochloromethane	<100	ug/l		05/06/97	KMG
2-Butanone (MEK)	<200	ug/l		05/06/97	KMG
cis-1,2-Dichloroethene	2200	ug/l		05/06/97	KMG
2-Hexanone	<200	ug/l		05/06/97	KMG
4-Methyl-2-pentanone (MIBK)	<200	ug/l		05/06/97	KMG

Sample # 70507553
Customer ID: RW-7 - 04/30/97
Matrix: NPW

Project #: L3234 -100
Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
RPA 624 Volatiles (Miller)					
Benzene	<100	ug/l		05/06/97	KMG
Bromodichloromethane	<100	ug/l		05/06/97	KMG
Bromoform	<100	ug/l		05/06/97	KMG
Bromomethane	<100	ug/l		05/06/97	KMG
Carbon tetrachloride	<100	ug/l		05/06/97	KMG
Chlorobenzene	<100	ug/l		05/06/97	KMG
Chloroethane	<100	ug/l		05/06/97	KMG
2-Chloroethylvinylether	<1000	ug/l		05/06/97	KMG
Chloroform	<100	ug/l		05/06/97	KMG
Chloromethane	<100	ug/l		05/06/97	KMG
Dibromochloromethane	<100	ug/l		05/06/97	KMG
1,2-Dichlorobenzene	<100	ug/l		05/06/97	KMG
1,3-Dichlorobenzene	<100	ug/l		05/06/97	KMG
1,4-Dichlorobenzene	<100	ug/l		05/06/97	KMG
1,1-Dichloroethane	130	ug/l		05/06/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/14/97

Earth Tech Operations Services
P.O. Box 117
Pulton, NY 13069

Contacts: Gary Mullen

Phone: (315) 598-5396

Sample # 70507553

Project #: L3234 -100

Customer ID: RW-7 - 04/30/97

Matrix: NPW

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
1,2-Dichloroethane	<100	ug/l		05/06/97	KMG
1,1-Dichloroethane	<100	ug/l		05/06/97	KMG
trans-1,2-Dichloroethene	<100	ug/l		05/06/97	KMG
1,2-Dichloropropane	<100	ug/l		05/06/97	KMG
cis-1,3-Dichloropropene	<100	ug/l		05/06/97	KMG
trans-1,3-Dichloropropene	<100	ug/l		05/06/97	KMG
Ethylbenzene	<100	ug/l		05/06/97	KMG
Methylene chloride	<200	ug/l		05/06/97	KMG
1,1,2,2-Tetrachloroethane	<100	ug/l		05/06/97	KMG
Tetrachloroethene	<100	ug/l		05/06/97	KMG
Toluene	<100	ug/l		05/06/97	KMG
1,1,1-Trichloroethane	620	ug/l		05/06/97	KMG
1,1,2-Trichloroethane	<100	ug/l		05/06/97	KMG
Trichloroethene	<100	ug/l		05/06/97	KMG
Trichlorofluoromethane	<100	ug/l		05/06/97	KMG
Vinyl chloride	<100	ug/l		05/06/97	KMG
o-Xylene	<100	ug/l		05/06/97	KMG
m-Xylene	<100	ug/l		05/06/97	KMG
p-Xylene	<100	ug/l		05/06/97	KMG
Acetone	<200	ug/l		05/06/97	KMG
Bromochloromethane	<100	ug/l		05/06/97	KMG
2-Butanone (MEK)	<200	ug/l		05/06/97	KMG
cis-1,2-Dichloroethene	1700	ug/l		05/06/97	KMG
2-Hexanone	<200	ug/l		05/06/97	KMG
4-Methyl-2-pentanone (MIBK)	<200	ug/l		05/06/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/06/97

Original to:
Mr. Gary Mullen
Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Copy to:
Mr. Bob Markowitch, Earth Tech, NJ

Sample # 70507836 Project #: L3234 -101
Customer ID: OWS EFF - 05/05/97
Matrix: NPW,24HR Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Oil/Grease, EPA 413.1	<4	mg/l		05/06/97	PEP

Sample # 70507837 Project #: L3234 -101
Customer ID: OWS POST SEP - 05/05/97
Matrix: NPW,24HR Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Oil/Grease, EPA 413.1	4.1	mg/l		05/06/97	PEP

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Page # 1

** SAMPLE ANALYSIS REPORT **

05/08/97

Original to:
Mr. Gary Mullen
Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Copy to:
Mr. Bob Markowitch, Earth Tech, NJ

Sample # 70508063 Project #: L3234 -102
Customer ID: QWS Bff - 05/07/97
Matrix: NFW, RUSH Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Oil/Grease, EPA 413.1	<4	mg/l		05/08/97	PEP

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** SAMPLE ANALYSIS REPORT **

05/20/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen
Phone: (315) 598-5396

Sample # 70508066

Project #: L3234 -103

Customer ID: Final Rff - 05/07/97

Matrix: NPW

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Bromoform	<5	ug/l		05/12/97	KMG
Bromomethane	<5	ug/l		05/12/97	KMG
Carbon tetrachloride	<5	ug/l		05/12/97	KMG
Chlorobenzene	<5	ug/l		05/12/97	KMG
Chloroethane	<5	ug/l		05/12/97	KMG
2-Chloroethylvinylether	<50	ug/l		05/12/97	KMG
Chloroform	<5	ug/l		05/12/97	KMG
Chloromethane	<5	ug/l		05/12/97	KMG
Dibromochloromethane	<5	ug/l		05/12/97	KMG
1,2-Dichlorobenzene	<5	ug/l		05/12/97	KMG
1,3-Dichlorobenzene	<5	ug/l		05/12/97	KMG
1,4-Dichlorobenzene	<5	ug/l		05/12/97	KMG
1,1-Dichloroethane	<5	ug/l		05/12/97	KMG
1,2-Dichloroethane	<5	ug/l		05/12/97	KMG
1,1-Dichloroethene	<5	ug/l		05/12/97	KMG
trans-1,2-Dichloroethene	<5	ug/l		05/12/97	KMG
1,2-Dichloropropane	<5	ug/l		05/12/97	KMG
cis-1,3-Dichloropropene	<5	ug/l		05/12/97	KMG
trans-1,3-Dichloropropene	<5	ug/l		05/12/97	KMG
Ethylbenzene	<5	ug/l		05/12/97	KMG
Methylene chloride	<10	ug/l		05/12/97	KMG
1,1,2,2-Tetrachloroethane	<5	ug/l		05/12/97	KMG
Tetrachlorethene	<5	ug/l		05/12/97	KMG
Toluene	<5	ug/l		05/12/97	KMG
1,1,1-Trichloroethane	<5	ug/l		05/12/97	KMG
1,1,2-Trichloroethane	<5	ug/l		05/12/97	KMG
Trichloroethene	<5	ug/l		05/12/97	KMG
Trichlorofluoromethane	<5	ug/l		05/12/97	KMG
Vinyl chloride	<5	ug/l		05/12/97	KMG
o-Xylene	<5	ug/l		05/12/97	KMG
m-Xylene	<5	ug/l		05/12/97	KMG
p-Xylene	<5	ug/l		05/12/97	KMG
Acetone	<10	ug/l		05/12/97	KMG
Bromochloromethane	<5	ug/l		05/12/97	KMG
2-Butanone (MEK)	<10	ug/l		05/12/97	KMG
cis-1,2-Dichloroethene	<5	ug/l		05/12/97	KMG
2-Hexanone	<10	ug/l		05/12/97	KMG
4-Methyl-2-pentanone (MIBK)	<10	ug/l		05/12/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/20/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen
Phone: (315) 598-5396

Sample # 70508066 Project #: L3234 -103
Customer ID: Final Eff - 05/07/97
Matrix: NPW Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Oil/Grease, EPA 413.1	<4	mg/l		05/14/97	PEP

Sample # 70508067 Project #: L3234 -103
Customer ID: RW-6 - 05/07/97
Matrix: NPW Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
EPA 624 Volatiles (Miller)					
Benzene	<100	ug/l		05/15/97	KMG
Bromodichloromethane	<100	ug/l		05/15/97	KMG
Bromoform	<100	ug/l		05/15/97	KMG
Bromomethane	<100	ug/l		05/15/97	KMG
Carbon tetrachloride	<100	ug/l		05/15/97	KMG
Chlorobenzene	<100	ug/l		05/15/97	KMG
Chloroethane	<100	ug/l		05/15/97	KMG
2-Chloroethylvinylether	<1000	ug/l		05/15/97	KMG
Chloroform	<100	ug/l		05/15/97	KMG
Chloromethane	<100	ug/l		05/15/97	KMG
Dibromochloromethane	<100	ug/l		05/15/97	KMG
1,2-Dichlorobenzene	<100	ug/l		05/15/97	KMG
1,3-Dichlorobenzene	<100	ug/l		05/15/97	KMG
1,4-Dichlorobenzene	<100	ug/l		05/15/97	KMG
1,1-Dichloroethane	1000	ug/l		05/15/97	KMG
1,2-Dichloroethane	<100	ug/l		05/15/97	KMG
1,1-Dichloroethene	140	ug/l		05/15/97	KMG
trans-1,2-Dichloroethene	<100	ug/l		05/15/97	KMG
1,2-Dichloropropane	<100	ug/l		05/15/97	KMG
cis-1,3-Dichloropropene	<100	ug/l		05/15/97	KMG
trans-1,3-Dichloropropene	<100	ug/l		05/15/97	KMG
Ethylbenzene	<100	ug/l		05/15/97	KMG
Methylene chloride	<200	ug/l		05/15/97	KMG
1,1,2,2-Tetrachloroethane	<100	ug/l		05/15/97	KMG
Tetrachlorethene	<100	ug/l		05/15/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/20/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen
Phone: (315) 598-5396

Sample # 70508067

Project #: L3234 -103

Customer ID: RW-6 - 05/07/97

Matrix: NPW

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Toluene	<100	ug/l		05/15/97	KMG
1,1,1-Trichloroethane	570	ug/l		05/15/97	KMG
1,1,2-Trichloroethane	<100	ug/l		05/15/97	KMG
Trichloroethene	<100	ug/l		05/15/97	KMG
Trichlorofluoromethane	<100	ug/l		05/15/97	KMG
Vinyl chloride	330	ug/l		05/15/97	KMG
o-Xylene	<100	ug/l		05/15/97	KMG
m-Xylene	<100	ug/l		05/15/97	KMG
p-Xylene	<100	ug/l		05/15/97	KMG
Acetone	<200	ug/l		05/15/97	KMG
Bromochloromethane	<100	ug/l		05/15/97	KMG
2-Butanone (MEK)	<200	ug/l		05/15/97	KMG
cis-1,2-Dichloroethene	1100	ug/l		05/15/97	KMG
2-Hexanone	<200	ug/l		05/15/97	KMG
4-Methyl-2-pentanone (MIBK)	<200	ug/l		05/15/97	KMG
Oil/Grease, EPA 413.1	4.1	mg/l		05/14/97	PEP

Sample # 70508068

Project #: L3234 -103

Customer ID: RW_7 - 05/07/97

Matrix: NPW

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
EPA 624 Volatiles (Miller)					
Benzene	<100	ug/l		05/15/97	KMG
Bromodichloromethane	<100	ug/l		05/15/97	KMG
Bromoform	<100	ug/l		05/15/97	KMG
Bromomethane	<100	ug/l		05/15/97	KMG
Carbon tetrachloride	<100	ug/l		05/15/97	KMG
Chlorobenzene	<100	ug/l		05/15/97	KMG
Chloroethane	<100	ug/l		05/15/97	KMG
2-Chloroethylvinylether	<1000	ug/l		05/15/97	KMG
Chloroform	<100	ug/l		05/15/97	KMG
Chloromethane	<100	ug/l		05/15/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/20/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen
Phone: (315) 598-5396

Sample # 70508068
Customer ID: RW_7 - 05/07/97
Matrix: NPW

Project #: L1234 -103
Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Dibromochloromethane	<100	ug/l		05/15/97	KMG
1,2-Dichlorobenzene	<100	ug/l		05/15/97	KMG
1,3-Dichlorobenzene	<100	ug/l		05/15/97	KMG
1,4-Dichlorobenzene	<100	ug/l		05/15/97	KMG
1,1-Dichloroethane	200	ug/l		05/15/97	KMG
1,2-Dichloroethane	<100	ug/l		05/15/97	KMG
1,1-Dichloroethene	<100	ug/l		05/15/97	KMG
trans-1,2-Dichloroethene	<100	ug/l		05/15/97	KMG
1,2-Dichloropropane	<100	ug/l		05/15/97	KMG
cis-1,3-Dichloropropene	<100	ug/l		05/15/97	KMG
trans-1,3-Dichloropropene	<100	ug/l		05/15/97	KMG
Ethylbenzene	<100	ug/l		05/15/97	KMG
Methylene chloride	<200	ug/l		05/15/97	KMG
1,1,2,2-Tetrachloroethane	<100	ug/l		05/15/97	KMG
Tetrachloroethene	<100	ug/l		05/15/97	KMG
Toluene	<100	ug/l		05/15/97	KMG
1,1,1-Trichloroethane	400	ug/l		05/15/97	KMG
1,1,2-Trichloroethane	<100	ug/l		05/15/97	KMG
Trichloroethene	<100	ug/l		05/15/97	KMG
Trichlorofluoromethane	<100	ug/l		05/15/97	KMG
Vinyl chloride	<100	ug/l		05/15/97	KMG
o-Xylene	<100	ug/l		05/15/97	KMG
m-Xylene	<100	ug/l		05/15/97	KMG
p-Xylene	<100	ug/l		05/15/97	KMG
Acetone	<200	ug/l		05/15/97	KMG
Bromochloromethane	<100	ug/l		05/15/97	KMG
2-Butanone (MEK)	<200	ug/l		05/15/97	KMG
cis-1,2-Dichloroethene	1200	ug/l		05/15/97	KMG
2-Hexanone	<200	ug/l		05/15/97	KMG
4-Methyl-2-pentanone (MIBK)	<200	ug/l		05/15/97	KMG
Oil/Grease, EPA 413.1	<4	mg/l		05/14/97	PEP

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** SAMPLE ANALYSIS REPORT **

05/20/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen
Phone: (315) 598-5396

Sample # 70508069

Project #: L3234 -103

Customer ID: OWS Bff - 05/07/97

Matrix: NPW

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
EPA 624 Volatiles (Miller)					
Benzene	<20	ug/l		05/13/97	KMG
Bromodichloromethane	<20	ug/l		05/13/97	KMG
Bromoform	<20	ug/l		05/13/97	KMG
Bromomethane	<20	ug/l		05/13/97	KMG
Carbon tetrachloride	<20	ug/l		05/13/97	KMG
Chlorobenzene	<20	ug/l		05/13/97	KMG
Chloroethane	<20	ug/l		05/13/97	KMG
2-Chloroethylvinylether	<200	ug/l		05/13/97	KMG
Chloroform	<20	ug/l		05/13/97	KMG
Chloromethane	<20	ug/l		05/13/97	KMG
Dibromochloromethane	<20	ug/l		05/13/97	KMG
1,2-Dichlorobenzene	<20	ug/l		05/13/97	KMG
1,3-Dichlorobenzene	<20	ug/l		05/13/97	KMG
1,4-Dichlorobenzene	<20	ug/l		05/13/97	KMG
1,1-Dichloroethane	38	ug/l		05/13/97	KMG
1,2-Dichloroethane	<20	ug/l		05/13/97	KMG
1,1-Dichloroethene	<20	ug/l		05/13/97	KMG
trans-1,2-Dichloroethene	<20	ug/l		05/13/97	KMG
1,2-Dichloropropane	<20	ug/l		05/13/97	KMG
cis-1,3-Dichloropropene	<20	ug/l		05/13/97	KMG
trans-1,3-Dichloropropene	<20	ug/l		05/13/97	KMG
Ethylbenzene	<20	ug/l		05/13/97	KMG
Methylene chloride	<40	ug/l		05/13/97	KMG
1,1,2,2-Tetrachloroethane	<20	ug/l		05/13/97	KMG
Tetrachloroethene	<20	ug/l		05/13/97	KMG
Toluene	<20	ug/l		05/13/97	KMG
1,1,1-Trichloroethane	33	ug/l		05/13/97	KMG
1,1,2-Trichloroethane	<20	ug/l		05/13/97	KMG
Trichloroethene	<20	ug/l		05/13/97	KMG
Trichlorofluoromethane	<20	ug/l		05/13/97	KMG
Vinyl chloride	<20	ug/l		05/13/97	KMG
o-Xylene	25	ug/l		05/13/97	KMG
m-Xylene	<20	ug/l		05/13/97	KMG
p-Xylene	<20	ug/l		05/13/97	KMG
Acetone	<40	ug/l		05/13/97	KMG
Bromochloromethane	<20	ug/l		05/13/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/20/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen
Phone: (315) 598-5396

Sample # 70508069

Project #: L3234 -103

Customer ID: OWS Eff - 05/07/97

Matrix: NPW

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
2-Butanone (MEK)	87	ug/l		05/13/97	KMG
cis-1,2-Dichloroethene	180	ug/l		05/13/97	KMG
2-Hexanone	<40	ug/l		05/13/97	KMG
4-Methyl-2-pentanone (MIBK)	<40	ug/l		05/13/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/12/97

Original to:
Gary Mullen
Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Copy to:
Bob Markowitch, Earth Tech, NJ

Sample # 70508345 Project #: L3234 -104
Customer ID: OWS EFF - 05/09/97
Matrix: NPW, 24HR Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Oil/Grease, EPA 413.1	<4	mg/l		05/12/97	PEP

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** SAMPLE ANALYSIS REPORT **

05/15/97

Original to:
Mr. Gary Mullen
Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Copy to:
Mr. Bob Markowitch, Earth Tech Operations, NJ

Phone: (315) 598-5396

Sample # 70508669

Project #: L3294 -105

Customer ID: OWS Eff - 05/14/97

Matrix: NPW, 24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
EPA 624 Volatiles (Miller)					
Benzene	<10	ug/l		05/14/97	KMG
Bromodichloromethane	<10	ug/l		05/14/97	KMG
Bromoform	<10	ug/l		05/14/97	KMG
Bromomethane	<10	ug/l		05/14/97	KMG
Carbon tetrachloride	<10	ug/l		05/14/97	KMG
Chlorobenzene	<10	ug/l		05/14/97	KMG
Chloroethane	<10	ug/l		05/14/97	KMG
2-Chloroethylvinylether	<100	ug/l		05/14/97	KMG
Chloroform	<10	ug/l		05/14/97	KMG
Chloromethane	<10	ug/l		05/14/97	KMG
Dibromochloromethane	<10	ug/l		05/14/97	KMG
1,2-Dichlorobenzene	<10	ug/l		05/14/97	KMG
1,3-Dichlorobenzene	<10	ug/l		05/14/97	KMG
1,4-Dichlorobenzene	<10	ug/l		05/14/97	KMG
1,1-Dichloroethane	79	ug/l		05/14/97	KMG
1,2-Dichloroethane	<10	ug/l		05/14/97	KMG
1,1-Dichloroethene	<10	ug/l		05/14/97	KMG
trans-1,2-Dichloroethene	<10	ug/l		05/14/97	KMG
1,2-Dichloropropane	<10	ug/l		05/14/97	KMG
cis-1,3-Dichloropropene	<10	ug/l		05/14/97	KMG
trans-1,3-Dichloropropene	<10	ug/l		05/14/97	KMG
Ethylbenzene	<10	ug/l		05/14/97	KMG
Methylene chloride	42	ug/l		05/14/97	KMG
1,1,2,2-Tetrachloroethane	<10	ug/l		05/14/97	KMG
Tetrachlorethene	<10	ug/l		05/14/97	KMG
Toluene	<10	ug/l		05/14/97	KMG
1,1,1-Trichloroethane	86	ug/l		05/14/97	KMG
1,1,2-Trichloroethane	<10	ug/l		05/14/97	KMG
Trichloroethane	<10	ug/l		05/14/97	KMG
Trichlorofluoromethane	<10	ug/l		05/14/97	KMG
Vinyl chloride	<10	ug/l		05/14/97	KMG
o-Xylene	34	ug/l		05/14/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/15/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen
Phone: (315) 598-5396

Sample # 70508669

Project #: L3234 -105

Customer ID: OWS Eff - 05/14/97

Matrix: NPW, 24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
m-Xylene	<10	ug/l		05/14/97	KMG
p-Xylene	<10	ug/l		05/14/97	KMG
Acetone	<20	ug/l		05/14/97	KMG
Bromochloromethane	<10	ug/l		05/14/97	KMG
2-Butanone (MEK)	62	ug/l		05/14/97	KMG
cis-1,2-Dichloroethene	470	ug/l		05/14/97	KMG
2-Hexanone	<20	ug/l		05/14/97	KMG
4-Methyl-2-pentanone (MIBK)	<20	ug/l		05/14/97	KMG

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Page # 1

** SAMPLE ANALYSIS REPORT **

05/28/97

Original to:
Mr. Gary Mullen
Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Copy to:
Mr. Bob Markowitch, Earth Tech, NJ

Sample # 70509542
Customer ID: RW-6 - 05/27/97
Matrix: NPW, 24HR

Project #: L3234 -108
Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Oil/Grease, EPA 413.1	57	mg/l		05/28/97	KBC
EPA 624 Volatiles (Miller)					
Benzene	<100	ug/l		05/28/97	KMG
Bromodichloromethane	<100	ug/l		05/28/97	KMG
Bromoform	<100	ug/l		05/28/97	KMG
Bromomethane	<100	ug/l		05/28/97	KMG
Carbon tetrachloride	<100	ug/l		05/28/97	KMG
Chlorobenzene	<100	ug/l		05/28/97	KMG
Chloroethane	<100	ug/l		05/28/97	KMG
2-Chloroethylvinylether	<1000	ug/l		05/28/97	KMG
Chloroform	<100	ug/l		05/28/97	KMG
Chloromethane	<100	ug/l		05/28/97	KMG
Dibromochloromethane	<100	ug/l		05/28/97	KMG
1,2-Dichlorobenzene	<100	ug/l		05/28/97	KMG
1,3-Dichlorobenzene	<100	ug/l		05/28/97	KMG
1,4-Dichlorobenzene	<100	ug/l		05/28/97	KMG
1,1-Dichloroethane	1200	ug/l		05/28/97	KMG
1,2-Dichloroethane	<100	ug/l		05/28/97	KMG
1,1-Dichloroethane	130	ug/l		05/28/97	KMG
trans-1,2-Dichloroethene	<100	ug/l		05/28/97	KMG
1,2-Dichloropropane	<100	ug/l		05/28/97	KMG
cis-1,3-Dichloropropene	<100	ug/l		05/28/97	KMG
trans-1,3-Dichloropropene	<100	ug/l		05/28/97	KMG
Ethylbenzene	<100	ug/l		05/28/97	KMG
Methylene chloride	<200	ug/l		05/28/97	KMG
1,1,2,2-Tetrachloroethane	<100	ug/l		05/28/97	KMG
Tetrachlorethene	<100	ug/l		05/28/97	KMG
Toluene	<100	ug/l		05/28/97	KMG
1,1,1-Trichloroethane	770	ug/l		05/28/97	KMG
1,1,2-Trichloroethane	<100	ug/l		05/28/97	KMG
Trichloroethene	<100	ug/l		05/28/97	KMG
Trichlorofluoromethane	<100	ug/l		05/28/97	KMG
Vinyl chloride	850	ug/l		05/28/97	KMG
o-Xylene	<100	ug/l		05/28/97	KMG
m-Xylene	<100	ug/l		05/28/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/28/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen

Phone: (315) 598-5396

Sample # 70509542

Project #: L3234 -108

Customer ID: RW-6 - 05/27/97

Matrix: NPW, 24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
p-Xylene	<100	ug/l		05/28/97	KMG
Acetone	<200	ug/l		05/28/97	KMG
Bromochloromethane	<100	ug/l		05/28/97	KMG
2-Butanone (MEK)	<200	ug/l		05/28/97	KMG
cis-1,2-Dichloroethene	2300	ug/l		05/28/97	KMG
2-Hexanone	<200	ug/l		05/28/97	KMG
4-Methyl-2-pentanone (MIBK)	<200	ug/l		05/28/97	KMG

Sample # 70509543

Project #: L3234 -108

Customer ID: RW-7 - 05/27/97

Matrix: NPW, 24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Oil/Grease, EPA 413.1	82	mg/l		05/28/97	KEC
EPA 624 Volatiles (Miller)					
Benzene	<100	ug/l		05/28/97	KMG
Bromodichloromethane	<100	ug/l		05/28/97	KMG
Bromoform	<100	ug/l		05/28/97	KMG
Bromomethane	<100	ug/l		05/28/97	KMG
Carbon tetrachloride	<100	ug/l		05/28/97	KMG
Chlorobenzene	<100	ug/l		05/28/97	KMG
Chloroethane	<100	ug/l		05/28/97	KMG
2-Chloroethylvinylether	<1000	ug/l		05/28/97	KMG
Chloroform	<100	ug/l		05/28/97	KMG
Chloromethane	<100	ug/l		05/28/97	KMG
Dibromochloromethane	<100	ug/l		05/28/97	KMG
1,2-Dichlorobenzene	<100	ug/l		05/28/97	KMG
1,3-Dichlorobenzene	<100	ug/l		05/28/97	KMG
1,4-Dichlorobenzene	<100	ug/l		05/28/97	KMG
1,1-Dichloroethane	160	ug/l		05/28/97	KMG
1,2-Dichloroethane	<100	ug/l		05/28/97	KMG
1,1-Dichloroethene	<100	ug/l		05/28/97	KMG
trans-1,2-Dichloroethene	<100	ug/l		05/28/97	KMG
1,2-Dichloropropane	<100	ug/l		05/28/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/28/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen

Phone: (315) 598-5396

Sample # 70509543

Project #: L3234 -108

Customer ID: RW-7 - 05/27/97

Matrix: NPW,24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
cis-1,3-Dichloropropene	<100	ug/l		05/28/97	KMG
trans-1,3-Dichloropropene	<100	ug/l		05/28/97	KMG
Ethylbenzene	<100	ug/l		05/28/97	KMG
Methylene chloride	<200	ug/l	a	05/28/97	KMG
1,1,2,2-Tetrachloroethane	<100	ug/l		05/28/97	KMG
Tetrachlorethene	<100	ug/l		05/28/97	KMG
Toluene	<100	ug/l		05/28/97	KMG
1,1,1-Trichloroethane	290	ug/l		05/28/97	KMG
1,1,2-Trichloroethane	<100	ug/l		05/28/97	KMG
Trichloroethene	<100	ug/l		05/28/97	KMG
Trichlorofluoromethane	<100	ug/l		05/28/97	KMG
Vinyl chloride	<100	ug/l		05/28/97	KMG
o-Xylene	<100	ug/l		05/28/97	KMG
m-Xylene	<100	ug/l		05/28/97	KMG
p-Xylene	<100	ug/l		05/28/97	KMG
Acetone	<200	ug/l		05/28/97	KMG
Bromochloromethane	<100	ug/l		05/28/97	KMG
2-Butanone (MEK)	<200	ug/l		05/28/97	KMG
cis-1,2-Dichloroethene	1000	ug/l		05/28/97	KMG
2-Hexanone	<200	ug/l		05/28/97	KMG
4-Methyl-2-pentanone (MIBK)	<200	ug/l		05/28/97	KMG

a- This result has been blank corrected.

Sample # 70509544

Project #: L3234 -108

Customer ID: OWS BPP - 05/27/97

Matrix: NPW,24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Oil/Grease, EPA 413.1	56	mg/l		05/28/97	KEC
EPA 624 Volatiles (Miller)					
Benzene	<20	ug/l		05/28/97	KMG
Bromodichloromethane	<20	ug/l		05/28/97	KMG
Bromoform	<20	ug/l		05/28/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/28/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen

Phone: (315) 598-5396

Sample # 70509544

Project #: L3234 -108

Customer ID: OWS EFF - 05/27/97

Matrix: NPW, 24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Bromomethane	<20	ug/l		05/28/97	KMG
Carbon tetrachloride	<20	ug/l		05/28/97	KMG
Chlorobenzene	<20	ug/l		05/28/97	KMG
Chloroethane	<20	ug/l		05/28/97	KMG
2-Chloroethylvinylether	<200	ug/l		05/28/97	KMG
Chloroform	<20	ug/l		05/28/97	KMG
Chloromethane	<20	ug/l		05/28/97	KMG
Dibromochloromethane	<20	ug/l		05/28/97	KMG
1,2-Dichlorobenzene	<20	ug/l		05/28/97	KMG
1,3-Dichlorobenzene	<20	ug/l		05/28/97	KMG
1,4-Dichlorobenzene	<20	ug/l		05/28/97	KMG
1,1-Dichloroethane	49	ug/l		05/28/97	KMG
1,2-Dichloroethane	<20	ug/l		05/28/97	KMG
1,1-Dichloroethene	<20	ug/l		05/28/97	KMG
trans-1,2-Dichloroethene	<20	ug/l		05/28/97	KMG
1,2-Dichloropropane	<20	ug/l		05/28/97	KMG
cis-1,3-Dichloropropene	<20	ug/l		05/28/97	KMG
trans-1,3-Dichloropropene	<20	ug/l		05/28/97	KMG
Ethylbenzene	<20	ug/l		05/28/97	KMG
Methylene chloride	<40	ug/l	a	05/28/97	KMG
1,1,2,2-Tetrachloroethane	<20	ug/l		05/28/97	KMG
Tetrachlorethene	<20	ug/l		05/28/97	KMG
Toluene	<20	ug/l		05/28/97	KMG
1,1,1-Trichloroethane	63	ug/l		05/28/97	KMG
1,1,2-Trichloroethane	<20	ug/l		05/28/97	KMG
Trichloroethane	<20	ug/l		05/28/97	KMG
Trichlorofluoromethane	<20	ug/l		05/28/97	KMG
Vinyl chloride	<20	ug/l		05/28/97	KMG
o-Xylene	48	ug/l		05/28/97	KMG
m-Xylene	<20	ug/l		05/28/97	KMG
p-Xylene	<20	ug/l		05/28/97	KMG
Acetone	<40	ug/l		05/28/97	KMG
Bromochloromethane	<20	ug/l		05/28/97	KMG
2-Butanone (MEK)	<40	ug/l		05/28/97	KMG
cis-1,2-Dichloroethene	310	ug/l		05/28/97	KMG
2-Hexanone	<40	ug/l		05/28/97	KMG
4-Methyl-2-pentanone (MIBK)	<40	ug/l		05/28/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/28/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen

Phone: (315) 598-5396

Sample # 70509544

Project #: L3234 -108

Customer ID: QWS EFF - 05/27/97

Matrix: NPW,24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
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a- This result has been blank corrected.

Sample # 70509545

Project #: L3234 -108

Customer ID: AST INF - 05/27/97

Matrix: NPW,24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Oil/Grease, EPA 413.1	37	mg/l		05/28/97	KEC
EPA 624 Volatiles (Miller)					
Benzene	<5	ug/l		05/28/97	KMG
Bromodichloromethane	<5	ug/l		05/28/97	KMG
Bromoform	<5	ug/l		05/28/97	KMG
Bromomethane	<5	ug/l		05/28/97	KMG
Carbon tetrachloride	<5	ug/l		05/28/97	KMG
Chlorobenzene	<5	ug/l		05/28/97	KMG
Chloroethane	<5	ug/l		05/28/97	KMG
2-Chloroethylvinylether	<50	ug/l		05/28/97	KMG
Chloroform	<5	ug/l		05/28/97	KMG
Chloromethane	<5	ug/l		05/28/97	KMG
Dibromochloromethane	<5	ug/l		05/28/97	KMG
1,2-Dichlorobenzene	<5	ug/l		05/28/97	KMG
1,3-Dichlorobenzene	<5	ug/l		05/28/97	KMG
1,4-Dichlorobenzene	<5	ug/l		05/28/97	KMG
1,1-Dichloroethane	14	ug/l		05/28/97	KMG
1,2-Dichloroethane	<5	ug/l		05/28/97	KMG
1,1-Dichloroethene	36	ug/l		05/28/97	KMG
trans-1,2-Dichloroethene	<5	ug/l		05/28/97	KMG
1,2-Dichloropropane	<5	ug/l		05/28/97	KMG
cis-1,3-Dichloropropene	<5	ug/l		05/28/97	KMG
trans-1,3-Dichloropropene	<5	ug/l		05/28/97	KMG
Ethylbenzene	<5	ug/l		05/28/97	KMG
Methylene chloride	<10	ug/l		05/28/97	KMG
1,1,2,2-Tetrachloroethane	<5	ug/l		05/28/97	KMG
Tetrachlorethene	68	ug/l		05/28/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/28/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen
Phone: (315) 598-5396

Sample # 70509545

Project #: L3234 -108

Customer ID: AST INF - 05/27/97

Matrix: NPW,24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Toluene	<5	ug/l		05/28/97	KMG
1,1,1-Trichloroethane	150	ug/l		05/28/97	KMG
1,1,2-Trichloroethane	<5	ug/l		05/28/97	KMG
Trichloroethane	<5	ug/l		05/28/97	KMG
Trichlorofluoromethane	<5	ug/l		05/28/97	KMG
Vinyl chloride	<5	ug/l		05/28/97	KMG
o-Xylene	<5	ug/l		05/28/97	KMG
m-Xylene	<5	ug/l		05/28/97	KMG
p-Xylene	<5	ug/l		05/28/97	KMG
Acetone	<10	ug/l		05/28/97	KMG
Bromochloromethane	<5	ug/l		05/28/97	KMG
2-Butanone (MEK)	<10	ug/l		05/28/97	KMG
cis-1,2-Dichloroethene	41	ug/l		05/28/97	KMG
2-Hexanone	<10	ug/l		05/28/97	KMG
4-Methyl-2-pentanone (MIBK)	<10	ug/l		05/28/97	KMG

Sample # 70509546

Project #: L3234 -108

Customer ID: AST EFF - 05/27/97

Matrix: NPW,24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
EPA 624 Volatiles (Miller)					
Benzene	<5	ug/l		05/28/97	KMG
Bromodichloromethane	<5	ug/l		05/28/97	KMG
Bromoform	<5	ug/l		05/28/97	KMG
Bromomethane	<5	ug/l		05/28/97	KMG
Carbon tetrachloride	<5	ug/l		05/28/97	KMG
Chlorobenzene	<5	ug/l		05/28/97	KMG
Chloroethane	<5	ug/l		05/28/97	KMG
2-Chloroethylvinylether	<50	ug/l		05/28/97	KMG
Chloroform	<5	ug/l		05/28/97	KMG
Chloromethane	<5	ug/l		05/28/97	KMG
Dibromochloromethane	<5	ug/l		05/28/97	KMG
1,2-Dichlorobenzene	<5	ug/l		05/28/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/28/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen

Phone: (315) 598-5396

Sample # 70509546

Project #: L3234 -108

Customer ID: AST EFF - 05/27/97

Matrix: NPW, 24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
1,3-Dichlorobenzene	<5	ug/l		05/28/97	KMG
1,4-Dichlorobenzene	<5	ug/l		05/28/97	KMG
1,1-Dichloroethane	<5	ug/l		05/28/97	KMG
1,2-Dichloroethane	<5	ug/l		05/28/97	KMG
1,1-Dichloroethene	<5	ug/l		05/28/97	KMG
trans-1,2-Dichloroethene	<5	ug/l		05/28/97	KMG
1,2-Dichloropropane	<5	ug/l		05/28/97	KMG
cis-1,3-Dichloropropene	<5	ug/l		05/28/97	KMG
trans-1,3-Dichloropropene	<5	ug/l		05/28/97	KMG
Ethylbenzene	<5	ug/l		05/28/97	KMG
Methylene chloride	<10	ug/l		05/28/97	KMG
1,1,2,2-Tetrachloroethane	<5	ug/l		05/28/97	KMG
Tetrachlorethene	<5	ug/l		05/28/97	KMG
Toluene	<5	ug/l		05/28/97	KMG
1,1,1-Trichloroethane	<5	ug/l		05/28/97	KMG
1,1,2-Trichloroethane	<5	ug/l		05/28/97	KMG
Trichloroethene	<5	ug/l		05/28/97	KMG
Trichlorofluoromethane	<5	ug/l		05/28/97	KMG
Vinyl chloride	<5	ug/l		05/28/97	KMG
o-Xylene	<5	ug/l		05/28/97	KMG
m-Xylene	<5	ug/l		05/28/97	KMG
p-Xylene	<5	ug/l		05/28/97	KMG
Acetone	<10	ug/l		05/28/97	KMG
Bromochloromethane	<5	ug/l		05/28/97	KMG
2-Butanone (MEK)	11	ug/l		05/28/97	KMG
cis-1,2-Dichloroethene	<5	ug/l		05/28/97	KMG
2-Hexanone	<10	ug/l		05/28/97	KMG
4-Methyl-2-pentanone (MIBK)	<10	ug/l		05/28/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/28/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen

Phone: (315) 598-5396

Sample # 70509547

Project #: L3234 -108

Customer ID: Final Eff - 05/27/97

Matrix: NPW, 24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Oil/Grease, EPA 413.1	77	mg/l		05/28/97	KEC
EPA 624 Volatiles (Miller)					
Benzene	<5	ug/l		05/28/97	KMG
Bromodichloromethane	<5	ug/l		05/28/97	KMG
Bromoform	<5	ug/l		05/28/97	KMG
Bromomethane	<5	ug/l		05/28/97	KMG
Carbon tetrachloride	<5	ug/l		05/28/97	KMG
Chlorobenzene	<5	ug/l		05/28/97	KMG
Chloroethane	<5	ug/l		05/28/97	KMG
2-Chloroethylvinylether	<50	ug/l		05/28/97	KMG
Chloroform	<5	ug/l		05/28/97	KMG
Chloromethane	<5	ug/l		05/28/97	KMG
Dibromochloromethane	<5	ug/l		05/28/97	KMG
1,2-Dichlorobenzene	<5	ug/l		05/28/97	KMG
1,3-Dichlorobenzene	<5	ug/l		05/28/97	KMG
1,4-Dichlorobenzene	<5	ug/l		05/28/97	KMG
1,1-Dichloroethane	<5	ug/l		05/28/97	KMG
1,2-Dichloroethane	<5	ug/l		05/28/97	KMG
1,1-Dichloroethene	<5	ug/l		05/28/97	KMG
trans-1,2-Dichloroethene	<5	ug/l		05/28/97	KMG
1,2-Dichloropropane	<5	ug/l		05/28/97	KMG
cis-1,3-Dichloropropene	<5	ug/l		05/28/97	KMG
trans-1,3-Dichloropropene	<5	ug/l		05/28/97	KMG
Ethylbenzene	<5	ug/l		05/28/97	KMG
Methylene chloride	<10	ug/l		05/28/97	KMG
1,1,2,2-Tetrachloroethane	<5	ug/l		05/28/97	KMG
Tetrachlorethene	<5	ug/l		05/28/97	KMG
Toluene	<5	ug/l		05/28/97	KMG
1,1,1-Trichloroethane	<5	ug/l		05/28/97	KMG
1,1,2-Trichloroethane	<5	ug/l		05/28/97	KMG
Trichloroethene	<5	ug/l		05/28/97	KMG
Trichlorofluoromethane	<5	ug/l		05/28/97	KMG
Vinyl chloride	<5	ug/l		05/28/97	KMG
o-Xylene	<5	ug/l		05/28/97	KMG
m-Xylene	<5	ug/l		05/28/97	KMG
p-Xylene	<5	ug/l		05/28/97	KMG
Acetone	<10	ug/l		05/28/97	KMG
Bromochloromethane	<5	ug/l		05/28/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/28/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen

Phone: (315) 598-5396

Sample # 70509547

Project #: L3234 -108

Customer ID: Final Eff ~ 05/27/97

Matrix: NPW,24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
2-Butanone (MEK)	<10	ug/l		05/28/97	KMG
cis-1,2-Dichloroethene	<5	ug/l		05/28/97	KMG
2-Hexanone	<10	ug/l		05/28/97	KMG
4-Methyl-2-pentanone (MIBK)	<10	ug/l		05/28/97	KMG

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East Syracuse, New York 13057
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Page # 1

** SAMPLE ANALYSIS REPORT **

05/29/97

Original to:
Mr. Gary Mullen
Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13059Copy to:
Mr. Bob Markowitch, Earth Tech, NJSample # 70509621
Customer ID: RW-6 - 05/28/97
Matrix: NPW, 24HR

Project #: L3234 -109

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Oil/Grease, EPA 413.1	10	mg/l		05/29/97	KEC
EPA 824 Volatiles (Miller)					
Benzene	<100	ug/l		05/28/97	KMG
Bromodichloromethane	<100	ug/l		05/28/97	KMG
Bromoform	<100	ug/l		05/28/97	KMG
Bromomethane	<100	ug/l		05/28/97	KMG
Carbon tetrachloride	<100	ug/l		05/28/97	KMG
Chlorobenzene	<100	ug/l		05/28/97	KMG
Chloroethane	<100	ug/l		05/28/97	KMG
2-Chloroethylvinylether	<1000	ug/l		05/28/97	KMG
Chloroform	<100	ug/l		05/28/97	KMG
Chloromethane	<100	ug/l		05/28/97	KMG
Dibromochloromethane	<100	ug/l		05/28/97	KMG
1,2-Dichlorobenzene	<100	ug/l		05/28/97	KMG
1,3-Dichlorobenzene	<100	ug/l		05/28/97	KMG
1,4-Dichlorobenzene	<100	ug/l		05/28/97	KMG
1,1-Dichloroethane	390	ug/l		05/28/97	KMG
1,2-Dichloroethane	<100	ug/l		05/28/97	KMG
1,1-Dichloroethene	140	ug/l		05/28/97	KMG
trans-1,2-Dichloroethene	<100	ug/l		05/28/97	KMG
1,2-Dichloropropane	<100	ug/l		05/28/97	KMG
cis-1,3-Dichloropropene	<100	ug/l		05/28/97	KMG
trans-1,3-Dichloropropene	<100	ug/l		05/28/97	KMG
Ethylbenzene	<100	ug/l		05/28/97	KMG
Methylene chloride	<200	ug/l		05/28/97	KMG
1,1,2,2-Tetrachloroethane	<100	ug/l		05/28/97	KMG
Tetrachlorethene	100	ug/l		05/28/97	KMG
Toluene	<100	ug/l		05/28/97	KMG
1,1,1-Trichloroethane	430	ug/l		05/28/97	KMG
1,1,2-Trichloroethane	<100	ug/l		05/28/97	KMG
Trichloroethene	<100	ug/l		05/28/97	KMG
Trichlorofluoromethane	<100	ug/l		05/28/97	KMG
Vinyl chloride	<100	ug/l		05/28/97	KMG

05/29/1997 15:42

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** SAMPLE ANALYSIS REPORT **

05/29/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contact: Gary Mullen

Phone: (315) 598-5396

Sample # 70509621

Project #: L3234 -109

Customer ID: RW-6 - 05/28/97

Matrix: NPW,24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
o-Xylene	<100	ug/l		05/28/97	KMG
m-Xylene	<100	ug/l		05/28/97	KMG
p-Xylene	<100	ug/l		05/28/97	KMG
Acetone	<200	ug/l		05/28/97	KMG
Bromochloromethane	<100	ug/l		05/28/97	KMG
2-Butanone (MEK)	<200	ug/l		05/28/97	KMG
cis-1,2-Dichloroethane	860	ug/l		05/28/97	KMG
2-Hexanone	<200	ug/l		05/28/97	KMG
4-Methyl-2-pentanone (MIBK)	<200	ug/l		05/28/97	KMG

Sample # 70509622

Project #: L3234 -109

Customer ID: RW-7 - 05/28/97

Matrix: NPW,24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Oil/Grease, EPA 413.1	6.7	mg/l		05/29/97	KBC
EPA 624 Volatiles (Miller)					
Benzene	<100	ug/l		05/29/97	KMG
Bromodichloromethane	<100	ug/l		05/29/97	KMG
Bromoform	<100	ug/l		05/29/97	KMG
Bromomethane	<100	ug/l		05/29/97	KMG
Carbon tetrachloride	<100	ug/l		05/29/97	KMG
Chlorobenzene	<100	ug/l		05/29/97	KMG
Chloroethane	<100	ug/l		05/29/97	KMG
2-Chloroethylvinylether	<1000	ug/l		05/29/97	KMG
Chloroform	<100	ug/l		05/29/97	KMG
Chloromethane	<100	ug/l		05/29/97	KMG
Dibromochloromethane	<100	ug/l		05/29/97	KMG
1,2-Dichlorobenzene	<100	ug/l		05/29/97	KMG
1,3-Dichlorobenzene	<100	ug/l		05/29/97	KMG
1,4-Dichlorobenzene	<100	ug/l		05/29/97	KMG
1,1-Dichloroethane	160	ug/l		05/29/97	KMG
1,2-Dichloroethane	<100	ug/l		05/29/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/29/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen

Phone: (315) 598-5396

Sample # 70509622

Project #: L3234 -109

Customer ID: RW-7 - 05/28/97

Matrix: NPW,24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
1,1-Dichloroethane	<100	ug/l		05/29/97	KMG
trans-1,2-Dichloroethene	<100	ug/l		05/29/97	KMG
1,2-Dichloropropane	<100	ug/l		05/29/97	KMG
cis-1,3-Dichloropropene	<100	ug/l		05/29/97	KMG
trans-1,3-Dichloropropene	<100	ug/l		05/29/97	KMG
Ethylbenzene	<100	ug/l		05/29/97	KMG
Methylene chloride	<200	ug/l		05/29/97	KMG
1,1,1,2-Tetrachloroethane	<100	ug/l		05/29/97	KMG
Tetrachloroethene	<100	ug/l		05/29/97	KMG
Toluene	<100	ug/l		05/29/97	KMG
1,1,1-Trichloroethane	200	ug/l		05/29/97	KMG
1,1,2-Trichloroethane	<100	ug/l		05/29/97	KMG
Trichloroethene	<100	ug/l		05/29/97	KMG
Trichlorofluoromethane	<100	ug/l		05/29/97	KMG
Vinyl chloride	<100	ug/l		05/29/97	KMG
o-Xylene	<100	ug/l		05/29/97	KMG
m-Xylene	<100	ug/l		05/29/97	KMG
p-Xylene	<100	ug/l		05/29/97	KMG
Acetone	<200	ug/l		05/29/97	KMG
Bromochloromethane	<100	ug/l		05/29/97	KMG
2-Butanone (MEK)	<200	ug/l		05/29/97	KMG
cis-1,2-Dichloroethene	800	ug/l		05/29/97	KMG
2-Hexanone	<200	ug/l		05/29/97	KMG
4-Methyl-2-pentanone (MIBK)	<200	ug/l		05/29/97	KMG

Sample # 70509623

Project #: L3234 -109

Customer ID: QWS Eff - 05/28/97

Matrix: NPW,24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Oil/Grease, EPA 413.1	14	mg/l		05/29/97	KEC
EPA 624 Volatiles (Miller)					
Benzene	<20	ug/l		05/29/97	KMG

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EARTH TECH OPERATION
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** SAMPLE ANALYSIS REPORT **

05/29/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen

Phone: (315) 598-5356

Sample # 70509623

Project #: L3234 -109

Customer ID: OWS Eff - 05/28/97

Matrix: NPW, 24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Bromodichloromethane	<20	ug/l		05/29/97	KMG
Bromoform	<20	ug/l		05/29/97	KMG
Bromomethane	<20	ug/l		05/29/97	KMG
Carbon tetrachloride	<20	ug/l		05/29/97	KMG
Chlorobenzene	<20	ug/l		05/29/97	KMG
Chloroethane	<20	ug/l		05/29/97	KMG
2-Chloroethylvinylether	<200	ug/l		05/29/97	KMG
Chloroform	<20	ug/l		05/29/97	KMG
Chloromethane	<20	ug/l		05/29/97	KMG
Dibromochloromethane	<20	ug/l		05/29/97	KMG
1,2-Dichlorobenzene	<20	ug/l		05/29/97	KMG
1,3-Dichlorobenzene	<20	ug/l		05/29/97	KMG
1,4-Dichlorobenzene	<20	ug/l		05/29/97	KMG
1,1-Dichloroethane	100	ug/l		05/29/97	KMG
1,2-Dichloroethane	<20	ug/l		05/29/97	KMG
1,1-Dichloroethane	<20	ug/l		05/29/97	KMG
trans-1,2-Dichloroethene	<20	ug/l		05/29/97	KMG
2,2-Dichloropropane	<20	ug/l		05/29/97	KMG
cis-1,3-Dichloropropene	<20	ug/l		05/29/97	KMG
trans-1,3-Dichloropropene	<20	ug/l		05/29/97	KMG
Ethylbenzene	<20	ug/l		05/29/97	KMG
Methylene chloride	<40	ug/l		05/29/97	KMG
1,1,2,2-Tetrachloroethane	<20	ug/l		05/29/97	KMG
Tetrachloroethene	<20	ug/l		05/29/97	KMG
Toluene	<20	ug/l		05/29/97	KMG
1,1,1-Trichloroethane	120	ug/l		05/29/97	KMG
1,1,2-Trichloroethane	<20	ug/l		05/29/97	KMG
Trichloroethene	<20	ug/l		05/29/97	KMG
Trichlorofluoromethane	<20	ug/l		05/29/97	KMG
Vinyl chloride	21	ug/l		05/29/97	KMG
o-Xylene	24	ug/l		05/29/97	KMG
m-Xylene	<20	ug/l		05/29/97	KMG
p-Xylene	<20	ug/l		05/29/97	KMG
Acetone	<40	ug/l		05/29/97	KMG
Bromochloromethane	<20	ug/l		05/29/97	KMG
2-Butanone (MEK)	<40	ug/l		05/29/97	KMG
cis-1,2-Dichloroethene	540	ug/l		05/29/97	KMG
2-Hexanone	<40	ug/l		05/29/97	KMG

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EARTH TECH OPERATION
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** SAMPLE ANALYSIS REPORT **

05/29/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen

Phone: (315) 598-5396

Sample # 70509523

Project #: L3234 -109

Customer ID: OWS Eff - 05/28/97

Matrix: NPW, 24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
4-Methyl-2-pentanone (MIBK)	<40	ug/l		05/29/97	KMG

a- This result has been blank corrected.

Sample # 70509624

Project #: L3234 -109

Customer ID: AST Inf - 05/28/97

Matrix: NPW, 24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Oil/Grease, EPA 413.1	<4	ug/l		05/29/97	KBC
EPA 824 Volatiles (Miller)					
Benzene	<5	ug/l		05/29/97	KMG
Bromodichloromethane	<5	ug/l		05/29/97	KMG
Bromoform	<5	ug/l		05/29/97	KMG
Bromomethane	<5	ug/l		05/29/97	KMG
Carbon tetrachloride	<5	ug/l		05/29/97	KMG
Chlorobenzene	<5	ug/l		05/29/97	KMG
Chloroethane	<5	ug/l		05/29/97	KMG
2-Chloroethylvinylether	<50	ug/l		05/29/97	KMG
Chloroform	<5	ug/l		05/29/97	KMG
Chloromethane	<5	ug/l		05/29/97	KMG
Dibromochloromethane	<5	ug/l		05/29/97	KMG
1,2-Dichlorobenzene	<5	ug/l		05/29/97	KMG
1,3-Dichlorobenzene	<5	ug/l		05/29/97	KMG
1,4-Dichlorobenzene	<5	ug/l		05/29/97	KMG
1,1-Dichloroethane	16	ug/l		05/29/97	KMG
1,2-Dichloroethane	<5	ug/l		05/29/97	KMG
1,1-Dichloroethene	43	ug/l		05/29/97	KMG
trans-1,2-Dichloroethene	<5	ug/l		05/29/97	KMG
1,2-Dichloropropane	<5	ug/l		05/29/97	KMG
cis-1,3-Dichloropropene	<5	ug/l		05/29/97	KMG
trans-1,3-Dichloropropene	<5	ug/l		05/29/97	KMG
Ethylbenzene	<5	ug/l		05/29/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/29/97

Earth Tech Operations Services
P.O. BOX 117
Fulton, NY 13069

Contacts: Gary Mullen

Phone: (315) 598-6396

Sample # 70509624

Project #: L3234 -109

Customer ID: AST Inf - 05/28/97

Matrix: NPW, 24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Methylene chloride	<10	ug/l		05/29/97	KMG
1,1,2,2-Tetrachloroethane	<5	ug/l		05/29/97	KMG
Tetrachloroethane	72	ug/l		05/29/97	KMG
Toluene	<5	ug/l		05/29/97	KMG
1,1,1-Trichloroethane	190	ug/l		05/29/97	KMG
1,1,2-Trichloroethane	<5	ug/l		05/29/97	KMG
Trichloroethane	<5	ug/l		05/29/97	KMG
Trichlorofluoromethane	<5	ug/l		05/29/97	KMG
Vinyl chloride	<5	ug/l		05/29/97	KMG
o-Xylene	<5	ug/l		05/29/97	KMG
m-Xylene	<5	ug/l		05/29/97	KMG
p-Xylene	<5	ug/l		05/29/97	KMG
Acetone	<10	ug/l		05/29/97	KMG
Bromochloromethane	<5	ug/l		05/29/97	KMG
2-Butanone (MEK)	<10	ug/l		05/29/97	KMG
cis-1,2-Dichloroethane	54	ug/l		05/29/97	KMG
2-Hexanone	<10	ug/l		05/29/97	KMG
4-Methyl-2-pentanone (MIBK)	<10	ug/l		05/29/97	KMG

Sample # 70509625

Project #: L3234 -109

Customer ID: Final Rpt - 05/28/97

Matrix: NPW, 24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Oil/Grease, EPA 413.1	7.2	mg/l		05/29/97	KBC
EPA 624 Volatiles (Miller)					
Benzene	<5	ug/l		05/28/97	KMG
Bromodichloromethane	<5	ug/l		05/28/97	KMG
Bromoform	<5	ug/l		05/28/97	KMG
Bromomethane	<5	ug/l		05/28/97	KMG
Carbon tetrachloride	<5	ug/l		05/28/97	KMG
Chlorobenzene	<5	ug/l		05/28/97	KMG
Chloroethane	<5	ug/l		05/28/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/29/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen

Phone: (315) 598-5396

Sample # 70309525

Project #: L3234 -109

Customer ID: Final Eff - 05/22/97

Matrix: NPW,24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
2-Chloroethylvinylether	<50	ug/l		05/29/97	KMG
Chloroform	<5	ug/l		05/28/97	KMG
Chloromethane	<5	ug/l		05/28/97	KMG
Dibromochloromethane	<5	ug/l		05/28/97	KMG
1,2-Dichlorobenzene	<5	ug/l		05/28/97	KMG
1,3-Dichlorobenzene	<5	ug/l		05/28/97	KMG
1,4-Dichlorobenzene	<5	ug/l		05/28/97	KMG
1,1-Dichloroethane	<5	ug/l		05/28/97	KMG
1,2-Dichloroethane	<5	ug/l		05/28/97	KMG
1,1-Dichloroethene	<5	ug/l		05/28/97	KMG
trans-1,2-Dichloroethene	<5	ug/l		05/28/97	KMG
1,2-Dichloropropane	<5	ug/l		05/28/97	KMG
cis-1,3-Dichloropropene	<5	ug/l		05/28/97	KMG
trans-1,3-Dichloropropene	<5	ug/l		05/28/97	KMG
Ethylbenzene	<5	ug/l		05/28/97	KMG
Methylene chloride	<10	ug/l		05/28/97	KMG
1,1,2,2-Tetrachloroethane	<5	ug/l		05/28/97	KMG
Tetrachloroethene	<5	ug/l		05/28/97	KMG
Toluene	<5	ug/l		05/28/97	KMG
1,1,1-Trichloroethane	<5	ug/l		05/28/97	KMG
1,1,2-Trichloroethane	<5	ug/l		05/28/97	KMG
Trichloroethene	<5	ug/l		05/28/97	KMG
Trichlorofluoromethane	<5	ug/l		05/28/97	KMG
Vinyl chloride	<5	ug/l		05/28/97	KMG
o-Xylene	<5	ug/l		05/28/97	KMG
m-Xylene	<5	ug/l		05/28/97	KMG
p-Xylene	<5	ug/l		05/28/97	KMG
Acetone	<10	ug/l		05/28/97	KMG
Bromochloromethane	<5	ug/l		05/28/97	KMG
2-Butanone (MEK)	<10	ug/l		05/28/97	KMG
cis-1,2-Dichloroethene	<5	ug/l		05/28/97	KMG
2-Hexanone	<10	ug/l		05/28/97	KMG
4-Methyl-2-pentanone (MIBK)	<10	ug/l		05/28/97	KMG

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** SAMPLE ANALYSIS REPORT **

05/29/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen

Phone: (315) 596-5396

Sample # 70509626

Project #: L3234 -109

Customer ID: AST Eff - 05/28/97

Matrix: NPW, 24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
EPA 624 Volatiles (Miller)					
Benzene	<5	ug/l		05/29/97	KMG
Bromodichloromethane	<5	ug/l		05/29/97	KMG
Bromoform	<5	ug/l		05/29/97	KMG
Bromomethane	<5	ug/l		05/29/97	KMG
Carbon tetrachloride	<5	ug/l		05/29/97	KMG
Chlorobenzene	<5	ug/l		05/29/97	KMG
Chloroethane	<5	ug/l		05/29/97	KMG
2-Chloroethylvinylether	<50	ug/l		05/29/97	KMG
Chloroform	<5	ug/l		05/29/97	KMG
Chloromethane	<5	ug/l		05/29/97	KMG
Dibromochloromethane	<5	ug/l		05/29/97	KMG
1,2-Dichlorobenzene	<5	ug/l		05/29/97	KMG
1,3-Dichlorobenzene	<5	ug/l		05/29/97	KMG
1,4-Dichlorobenzene	<5	ug/l		05/29/97	KMG
1,1-Dichloroethane	<5	ug/l		05/29/97	KMG
1,2-Dichloroethane	<5	ug/l		05/29/97	KMG
1,1-Dichloroethene	<5	ug/l		05/29/97	KMG
trans-1,2-Dichloroethene	<5	ug/l		05/29/97	KMG
1,2-Dichloropropane	<5	ug/l		05/29/97	KMG
cis-1,3-Dichloropropene	<5	ug/l		05/29/97	KMG
trans-1,3-Dichloropropene	<5	ug/l		05/29/97	KMG
Ethylbenzene	<5	ug/l		05/29/97	KMG
Methylene chloride	<10	ug/l		05/29/97	KMG
1,1,2,2-Tetrachloroethane	<5	ug/l		05/29/97	KMG
Tetrachloroethene	<5	ug/l		05/29/97	KMG
Toluene	<5	ug/l		05/29/97	KMG
1,1,1-Trichloroethane	<5	ug/l		05/29/97	KMG
1,1,2-Trichloroethane	<5	ug/l		05/29/97	KMG
Trichloroethene	<5	ug/l		05/29/97	KMG
Trichlorofluoromethane	<5	ug/l		05/29/97	KMG
Vinyl chloride	<5	ug/l		05/29/97	KMG
o-Xylene	<5	ug/l		05/29/97	KMG
m-Xylene	<5	ug/l		05/29/97	KMG
p-Xylene	<5	ug/l		05/29/97	KMG
Acetone	<10	ug/l		05/29/97	KMG
Bromochloromethane	<5	ug/l		05/29/97	KMG

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3155985497 => EARTH TECH-CH HILL; #9

EARTH TECH OPERATION

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** SAMPLE ANALYSIS REPORT **

05/29/97

Earth Tech Operations Services
P.O. Box 117
Fulton NY 13069

Contact: Gary Mullen

Phone: (315) 598-5395

Sample # 70509626

Project #: L3234 -109

Customer ID: AST REF - 05/28/97

Matrix: NPW, 24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
2-Butanone (MEK)	<10	ug/l		05/29/97	KMG
cis-1,2-Dichloroethene	<5	ug/l		05/29/97	KMG
2-Hexanone	<10	ug/l		05/29/97	KMG
4-Methyl-2-pentanone (MIBK)	<10	ug/l		05/29/97	KMG

Sample # 70509627

Project #: L3234 -109

Customer ID: Trip Blank

Matrix: NPW, 24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
EPA 624 Volatiles (Miller)					
Benzene	<5	ug/l		05/29/97	KMG
Bromodichloromethane	<5	ug/l		05/29/97	KMG
Bromoform	<5	ug/l		05/29/97	KMG
Bromomethane	<5	ug/l		05/29/97	KMG
Carbon tetrachloride	<5	ug/l		05/29/97	KMG
Chlorobenzene	<5	ug/l		05/29/97	KMG
Chloroethane	<5	ug/l		05/29/97	KMG
2-Chloroethylvinylether	<50	ug/l		05/29/97	KMG
Chloroform	<5	ug/l		05/29/97	KMG
Chloromethane	<5	ug/l		05/29/97	KMG
Dibromochloromethane	<5	ug/l		05/29/97	KMG
1,2-Dichlorobenzene	<5	ug/l		05/29/97	KMG
1,3-Dichlorobenzene	<5	ug/l		05/29/97	KMG
1,4-Dichlorobenzene	<5	ug/l		05/29/97	KMG
1,1-Dichloroethane	<5	ug/l		05/29/97	KMG
1,2-Dichloroethane	<5	ug/l		05/29/97	KMG
1,1-Dichloroethene	<5	ug/l		05/29/97	KMG
trans-1,2-Dichloroethene	<5	ug/l		05/29/97	KMG
1,2-Dichloropropane	<5	ug/l		05/29/97	KMG
cis-1,3-Dichloropropene	<5	ug/l		05/29/97	KMG
trans-1,3-Dichloropropene	<5	ug/l		05/29/97	KMG
Ethylbenzene	<5	ug/l		05/29/97	KMG

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3155985497 => EARTH TECH-CH HILL; #10

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** SAMPLE ANALYSIS REPORT **

05/29/97

Earth Tech Operations Services
P.O. Box 117
Fulton, NY 13069

Contacts: Gary Mullen

Phone: (315) 598-5356

Sample # 70509627

Project #: L3234 -109

Customer ID: Trip Blank
Matrix: NPW, 24HR

Authorization: Miller

Test Name	Results	Units	Comment	Completed	Initials
Methylene chloride	<10	ug/l		05/29/97	KMG
1,1,2,2-Tetrachloroethane	<5	ug/l		05/29/97	KMG
Tetrachlorethane	<5	ug/l		05/29/97	KMG
Toluene	<5	ug/l		05/29/97	KMG
1,1,1-Trichloroethane	<5	ug/l		05/29/97	KMG
1,1,2-Trichloroethane	<5	ug/l		05/29/97	KMG
Trichloroethene	<5	ug/l		05/29/97	KMG
Trichlorofluoromethane	<5	ug/l		05/29/97	KMG
Vinyl chloride	<5	ug/l		05/29/97	KMG
o-Xylene	<5	ug/l		05/29/97	KMG
m-Xylene	<5	ug/l		05/29/97	KMG
p-Xylene	<5	ug/l		05/29/97	KMG
Acetone	<5	ug/l		05/29/97	KMG
Bromochloromethane	<10	ug/l		05/29/97	KMG
2-Butanone (MEK)	<5	ug/l		05/29/97	KMG
cis-1,2-Dichloroethane	<10	ug/l		05/29/97	KMG
2-Hexanone	<5	ug/l		05/29/97	KMG
4-Methyl-2-pentanone (MIBK)	<10	ug/l		05/29/97	KMG
