

February 26, 1993



GROVE VALVE AND REGULATOR COMPANY

6529 HOLLIS STREET, OAKLAND, CALIFORNIA 94608

(510) 655-7700 FAX (510) 420-2150

Mr. Lester Feldman
Environmental Specialist
Regional Water Quality Control Board
2101 Webster Street, Suite 500
Oakland, CA 94612

**RE: Groundwater Monitoring Results for
Grove Valve and Regulator Company
6529 Hollis Street, Oakland, CA 94608**

Dear Mr. Feldman:

We have completed our second update of groundwater sampling and analysis at the three groundwater monitoring wells located at 6529 Hollis Street in Oakland.

The laboratory analysis shows the same Halogenated Volatile Organics and Aromatic Volatile Organics during this sampling as in samples taken in April and October 1992. Concentration levels of chemicals changed a little. The upgradient well MW-1 now showing trichloroethene at 53 ug/L is down from 99 ug/L and the downgradient well MW-3 showing 1200 ug/L is up from 1100 ug/L in October 1991 samples taken from MW-3 in April 1992 showed 1300 ug/L of trichloroethene.

We will continue to monitor the groundwater on a periodic basis and send copies of all laboratory analysis to you. Also, at the recommendation of Mr. Richard Hyatt, we will send copies of all past and future reports to Mr. Brian Oliva at the Alameda County Health Care Services, Department of Environmental Health.

If you have any questions or comments regarding this matter, please feel free to contact me.

Regards,

Bill Tallent
Plant Services Manager

BT/dmg

Enclosures

cc: Brian Oliva
Alameda County Health Care Services

Quanteq Laboratories

An Ecologies Company

Certificate of Analysis

PAGE 1 OF 5

DOHS CERTIFICATION NO. E772

AIHA ACCREDITATION NO. 332

GROVE VALVE & REGULATOR CO.
6529 HOLLIS STREET
EMERYVILLE, CA 94608

ATTN: BILL TALLENT

CLIENT PROJ. ID: MW3
P.O. NO: PB40198

REPORT DATE: 02/19/93

DATE SAMPLED: 02/04/93

DATE RECEIVED: 02/04/93

QUANTEQ JOB NO: 9302054

PROJECT SUMMARY:

On February 4, 1993, this laboratory received one (1) water sample.

Client requested sample be analyzed for Halogenated Volatile Organics by EPA Method 8010 and Aromatic Volatile Organics by EPA Method 8020. Sample identification, results and dates analyzed are summarized on the following pages of this report.

All laboratory quality control parameters were found to be within established limits. Batch QC data is included at the end of this report.

If you have any questions, please contact Client Services at (510) 930-9090.



Larry Klein
Laboratory Manager

Results FAXed 02/16/93

GROVE VALVE & REGULATOR CO.

SAMPLE ID: MW 3
 CLIENT PROJ. ID: MW3
 DATE SAMPLED: 02/04/93
 DATE RECEIVED: 02/04/93
 REPORT DATE: 02/19/93

QUANTEQ LAB NO: 9302054-01A
 QUANTEQ JOB NO: 9302054
 DATE ANALYZED: 02/12-15/93
 INSTRUMENT: G

EPA METHOD 8010 (WATER MATRIX)
 HALOGENATED VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/L)	REPORTING LIMIT (ug/L)
Bromodichloromethane	75-27-4	ND	0.5
Bromoform	75-25-2	ND	0.5
Bromomethane	74-83-9	ND	0.5
Carbon Tetrachloride	56-23-5	ND	0.5
Chlorobenzene	108-90-7	ND	0.5
Chloroethane	75-00-3	ND	0.5
2-Chloroethyl Vinyl Ether	110-75-8	ND	0.5
Chloroform	67-66-3	ND	0.5
Chloromethane	74-87-3	ND	0.5
Dibromochloromethane	124-48-1	ND	0.5
1,2-Dichlorobenzene	95-50-1	ND	0.5
1,3-Dichlorobenzene	541-73-1	ND	0.5
1,4-Dichlorobenzene	106-46-7	ND	0.5
Dichlorodifluoromethane	75-71-8	ND	0.5
1,1-Dichloroethane	75-34-3	ND	0.5
1,2-Dichloroethane	107-06-2	ND	0.5
1,1-Dichloroethene	75-35-4	1	0.5
cis-1,2-Dichloroethene	156-59-2	13	0.5
trans-1,2-Dichloroethene	156-60-5	1	0.5
1,2-Dichloropropane	78-87-5	ND	0.5
cis-1,3-Dichloropropene	10061-01-5	ND	0.5
trans-1,3-Dichloropropene	10061-02-6	ND	0.5
Methylene Chloride	75-09-2	ND	0.5
1,1,2,2-Tetrachloroethane	79-34-5	ND	0.5
Tetrachloroethene	127-18-4	ND	0.5
1,1,1-Trichloroethane	71-55-6	ND	0.5
1,1,2-Trichloroethane	79-00-5	ND	0.5
Trichloroethene	79-01-6	1,200	0.5
Trichlorofluoromethane	75-69-4	ND	0.5
1,1,2-Trichloro-			
1,2,2-trifluoroethane	76-13-1	ND	0.5
Vinyl Chloride	75-01-4	3	0.5

ND = Not Detected

GROVE VALVE & REGULATOR CO.

SAMPLE ID: MW 3
 CLIENT PROJ. ID: MW3
 DATE SAMPLED: 02/04/93
 DATE RECEIVED: 02/04/93
 REPORT DATE: 02/19/93

QUANTEQ LAB NO: 9302054-01A
 QUANTEQ JOB NO: 9302054
 DATE ANALYZED: 02/12-15/93
 INSTRUMENT: G

EPA METHOD 8020 (WATER MATRIX)
 AROMATIC VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/L)	REPORTING LIMIT (ug/L)
Benzene	71-43-2	ND	0.5
Chlorobenzene	108-90-7	ND	0.5
1,2-Dichlorobenzene	95-50-1	ND	0.5
1,3-Dichlorobenzene	541-73-1	ND	0.5
1,4-Dichlorobenzene	106-46-7	ND	0.5
Ethylbenzene	100-41-4	ND	0.5
Toluene	108-88-3	ND	0.5
Xylenes, Total	1330-20-7	ND	2

ND = Not Detected

QUALITY CONTROL DATA

INSTRUMENT: G

QUANTEQ JOB NO: 9302054

CLIENT PROJ. ID: MW3

SURROGATE STANDARD RECOVERY SUMMARY

METHOD 8010/8020
 (WATER MATRIX)

Date Analyzed	SAMPLE IDENTIFICATION		SURROGATE RECOVERY (PERCENT)		
	Client Id.	Lab Id.	Bromochloro-methane	1-Bromo-2-chloro-propane	1-Chloro-2-fluoro-benzene
02/12/93	MW 3	01A	128.3	129.3	106.4

CURRENT QC LIMITS (Revised 06/22/92)

<u>ANALYTE</u>	<u>PERCENT RECOVERY</u>
Bromochloromethane	(65-138)
1-Bromo-2-chloropropane	(62-141)
1-Chloro-2-fluorobenzene	(74-124)

QUALITY CONTROL DATA

DATE ANALYZED: 02/12/93

QUANTEQ JOB NO: 9302054

CLIENT PROJ. ID: MW3

SAMPLE SPIKED: D.I. WATER

INSTRUMENT: G

MATRIX SPIKE RECOVERY SUMMARY

METHOD 8010/8020
(WATER MATRIX)

ANALYTE	Spike Conc. (ug/L)	Sample Result (ug/L)	MS Result (ug/L)	MSD Result (ug/L)	Average Percent Recovery	RPD
1,1-Dichloroethene	50.0	ND	43.5	45.0	88.5	3.4
Trichloroethene	50.0	ND	44.6	46.9	91.5	5.0
Benzene	50.0	ND	46.5	48.3	94.8	3.8
Toluene	50.0	ND	46.6	47.8	94.4	2.5
Chlorobenzene	50.0	ND	45.5	48.0	93.5	5.3

CURRENT QC LIMITS (Revised 06/22/92)

Analyte	Percent Recovery	RPD
1,1-Dichloroethene	(52-116)	6
Trichloroethene	(68-123)	8
Benzene	(79-112)	5
Toluene	(77-113)	5
Chlorobenzene	(62-104)	6

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference
ND = Not Detected

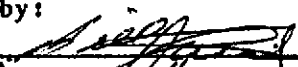

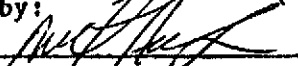
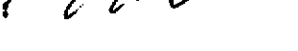

QUANTEQ Laboratories
ANALYTICAL REQUEST/CHAIN OF CUSTODY FORM
 (Complete Information on Opposite Side)

CLIENT CROVE
 CLIENT JOB REF.: MW3
 LAB PROJECT NO: 9302054
 (lab use only)

Date: 2-4-93
 SAMPLER(S): _____

CLIENT SAMPLE IDENTIFICATION	DATE Taker	Lab Number (lab use only)	AIR VOLUME (Liters)	NO. CONT.	SAMPLE TYPE *	ANALYSES										COMMENTS/ INTERFERENCES				
MW3 WATER	2-4-93	DIAB		2	7	X														

DATE RESULTS REQUIRED: STANDARD T.A.T.

Relinquished by: (Signature) 	Date <u>2-4-93</u>	Time <u>3:50 PM</u>	Received by: (Signature) 	Date <u>2-4-93</u>	Time <u>19:50</u>
Relinquished by: (Signature) 	Date <u>2-4-93</u>	Time <u>17:25</u>	Received by: (Signature) _____	Date _____	Time _____
Dispatched by: (Signature) 	Date _____	Time _____	Received for lab by: (Signature) 	Date <u>2-4-93</u>	Time <u>17:05</u>
Method of Shipment:	_____		Lab Comments:	_____	

*SAMPLE TYPE (SPECIFY): (1) 37 mm 0.8 um MCEF; (2) 25 mm 0.8 um MCEF; (3) 25 mm 0.4 um polycarb. filter; (4) PVC filter, diam. _____ pore size _____; (5) Charcoal tube; (6) Silica gel tube (7) Water; (8) Soil; (9) Bulk Sample; (10) _____ (11) Other _____

Quanteq Laboratories

An Ecologics Company

Certificate of Analysis

PAGE 1 OF 5

DOHS CERTIFICATION NO. E772

AIHA ACCREDITATION NO. 332

GROVE VALVE & REGULATOR CO.
6529 HOLLIS STREET
EMERYVILLE, CA 94608

ATTN: BILL TALLENT

CLIENT PROJ. ID: MW2
P.O. NO: PB40198

REPORT DATE: 02/17/93

DATE SAMPLED: 02/04/93

DATE RECEIVED: 02/04/93

QUANTEQ JOB NO: 9302053

PROJECT SUMMARY:

On February 4, 1993, this laboratory received one (1) water sample.

Client requested sample be analyzed for Halogenated Volatile Organics by EPA Method 8010 and Aromatic Volatile Organics by EPA Method 8020. Sample identification, results and dates analyzed are summarized on the following pages of this report.

All laboratory quality control parameters were found to be within established limits. Batch QC data is included at the end of this report.

If you have any questions, please contact Client Services at (510) 930-9090.



Larry Klein
Laboratory Manager

Results FAXed 02/16/93

GROVE VALVE & REGULATOR CO.

SAMPLE ID: MW 2
 CLIENT PROJ. ID: MW2
 DATE SAMPLED: 02/04/93
 DATE RECEIVED: 02/04/93
 REPORT DATE: 02/17/93

QUANTEQ LAB NO: 9302053-01A
 QUANTEQ JOB NO: 9302053
 DATE ANALYZED: 02/12/93
 INSTRUMENT: G

EPA METHOD 8010 (WATER MATRIX)
 HALOGENATED VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/L)	REPORTING LIMIT (ug/L)
Bromodichloromethane	75-27-4	ND	0.5
Bromoform	75-25-2	ND	0.5
Bromomethane	74-83-9	ND	0.5
Carbon Tetrachloride	56-23-5	ND	0.5
Chlorobenzene	108-90-7	ND	0.5
Chloroethane	75-00-3	ND	0.5
2-Chloroethyl Vinyl Ether	110-75-8	ND	0.5
Chloroform	67-66-3	ND	0.5
Chloromethane	74-87-3	ND	0.5
Dibromochloromethane	124-48-1	ND	0.5
1,2-Dichlorobenzene	95-50-1	ND	0.5
1,3-Dichlorobenzene	541-73-1	ND	0.5
1,4-Dichlorobenzene	106-46-7	ND	0.5
Dichlorodifluoromethane	75-71-8	ND	0.5
1,1-Dichloroethane	75-34-3	2	0.5
1,2-Dichloroethane	107-06-2	ND	0.5
1,1-Dichloroethene	75-35-4	ND	0.5
cis-1,2-Dichloroethene	156-59-2	2	0.5
trans-1,2-Dichloroethene	156-60-5	ND	0.5
1,2-Dichloropropane	78-87-5	ND	0.5
cis-1,3-Dichloropropene	10061-01-5	ND	0.5
trans-1,3-Dichloropropene	10061-02-6	ND	0.5
Methylene Chloride	75-09-2	ND	0.5
1,1,2,2-Tetrachloroethane	79-34-5	ND	0.5
Tetrachloroethene	127-18-4	ND	0.5
1,1,1-Trichloroethane	71-55-6	ND	0.5
1,1,2-Trichloroethane	79-00-5	ND	0.5
Trichloroethene	79-01-6	3	0.5
Trichlorofluoromethane	75-69-4	ND	0.5
1,1,2-Trichloro-			
1,2,2-trifluoroethane	76-13-1	ND	0.5
Vinyl Chloride	75-01-4	ND	0.5

ND = Not Detected

GROVE VALVE & REGULATOR CO.

SAMPLE ID: MW 2
 CLIENT PROJ. ID: MW2
 DATE SAMPLED: 02/04/93
 DATE RECEIVED: 02/04/93
 REPORT DATE: 02/17/93

QUANTEQ LAB NO: 9302053-01A
 QUANTEQ JOB NO: 9302053
 DATE ANALYZED: 02/12/93
 INSTRUMENT: G

EPA METHOD 8020 (WATER MATRIX)
 AROMATIC VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/L)	REPORTING LIMIT (ug/L)
Benzene	71-43-2	ND	0.5
Chlorobenzene	108-90-7	ND	0.5
1,2-Dichlorobenzene	95-50-1	ND	0.5
1,3-Dichlorobenzene	541-73-1	ND	0.5
1,4-Dichlorobenzene	106-46-7	ND	0.5
Ethylbenzene	100-41-4	ND	0.5
Toluene	108-88-3	ND	0.5
Xylenes, Total	1330-20-7	ND	2

ND = Not Detected

QUALITY CONTROL DATA

INSTRUMENT: G

QUANTEQ JOB NO: 9302053

CLIENT PROJ. ID: MW2

SURROGATE STANDARD RECOVERY SUMMARY

METHOD 8010/8020
 (WATER MATRIX)

Date Analyzed	SAMPLE IDENTIFICATION		SURROGATE RECOVERY (PERCENT)		
	Client Id.	Lab Id.	Bromochloro-methane	1-Bromo-2-chloro-propane	1-Chloro-2-fluoro-benzene
02/12/93	MW 2	01A	104.5	105.6	100.8

CURRENT QC LIMITS (Revised 06/22/92)

<u>ANALYTE</u>	<u>PERCENT RECOVERY</u>
Bromochloromethane	(65-138)
1-Bromo-2-chloropropane	(62-141)
1-Chloro-2-fluorobenzene	(74-124)

QUALITY CONTROL DATA

DATE ANALYZED: 02/11/93

QUANTEQ JOB NO: 9302053
SAMPLE SPIKED: D.I. WATER
INSTRUMENT: G

CLIENT PROJ. ID: MW2

MATRIX SPIKE RECOVERY SUMMARY

METHOD 8010/8020
(WATER MATRIX)

ANALYTE	Spike Conc. (ug/L)	Sample Result (ug/L)	MS Result (ug/L)	MSD Result (ug/L)	Average Percent Recovery	RPD
1,1-Dichloroethene	50.0	ND	43.3	44.1	87.4	1.8
Trichloroethene	50.0	ND	42.9	45.1	88.0	5.0
Benzene	50.0	ND	48.3	49.4	97.7	2.2
Toluene	50.0	ND	48.4	49.6	98.0	2.4
Chlorobenzene	50.0	ND	41.6	42.8	84.4	2.8

CURRENT QC LIMITS (Revised 06/22/92)

<u>Analyte</u>	<u>Percent Recovery</u>	<u>RPD</u>
1,1-Dichloroethene	(52-116)	6
Trichloroethene	(68-123)	8
Benzene	(79-112)	5
Toluene	(77-113)	5
Chlorobenzene	(62-104)	6

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference
ND = Not Detected

QUANTEQ Laboratories
ANALYTICAL REQUEST/CHAIN OF CUSTODY FORM
 (Complete Information on Opposite Side)

CLIENT GROVE VALVE
 CLIENT JOB REF.: MW 2
 LAB PROJECT NO: 9302053
 (lab use only)

Date: 2-4-93
 SAMPLER(S): _____

CLIENT SAMPLE IDENTIFICATION	DATE Taken	Lab Number (lab use only)	AIR VOLUME (Liters)	NO. CONT.	SAMPLE TYPE *	ANALYSES										COMMENTS/ INTERFERENCES				
MW 2 WATER	2-4-93	DIAB		2	7	X														

DATE RESULTS REQUIRED: STANDARD I.A.T.

Relinquished by: (Signature) <i>[Signature]</i>	Date <u>2-4-93</u>	Time <u>3:50 PM</u>	Received by: (Signature) <i>[Signature]</i>	Date <u>2-4-93</u>	Time <u>15:50</u>
Relinquished by: (Signature) <i>[Signature]</i>	Date <u>2-4-93</u>	Time <u>17:09</u>	Received by: (Signature)	Date	Time
Dispatched by: (Signature)	Date	Time	Received for lab by: (Signature) <i>Gina Gillespie</i>	Date <u>2-4-93</u>	Time <u>1705</u>
Method of Shipment:			Lab Comments:		

*SAMPLE TYPE (SPECIFY): (1) 37 mm 0.8 um MCEF; (2) 25 mm 0.8 um MCEF; (3) 25 mm 0.4 um polycarb. filter; (4) PVC filter, diam. _____ pore size _____; (5) Charcoal tube; (6) Silica gel tube (7) Water; (8) Soil; (9) Bulk Sample;

Quanteq Laboratories

An Ecologies Company

Certificate of Analysis

PAGE 1 OF 5

DOHS CERTIFICATION NO. E772

AIHA ACCREDITATION NO. 332

GROVE VALVE & REGULATOR CO.
6529 HOLLIS STREET
EMERYVILLE, CA 94608

ATTN: BILL TALLENT

CLIENT PROJ. ID: MW1
P.O. NO: PB40198

REPORT DATE: 02/17/93

DATE SAMPLED: 02/04/93

DATE RECEIVED: 02/04/93

QUANTEQ JOB NO: 9302052

PROJECT SUMMARY:

On February 4, 1993, this laboratory received one (1) water sample.

Client requested sample be analyzed for Halogenated Volatile Organics by EPA Method 8010 and Aromatic Volatile Organics by EPA Method 8020. Sample identification, results and dates analyzed are summarized on the following pages of this report.

All laboratory quality control parameters were found to be within established limits. Batch QC data is included at the end of this report.

If you have any questions, please contact Client Services at (510) 930-9090.



Larry Klein
Laboratory Manager

Results FAXed 02/16/93

GROVE VALVE & REGULATOR CO.

SAMPLE ID: MW 1
 CLIENT PROJ. ID: MW1
 DATE SAMPLED: 02/04/93
 DATE RECEIVED: 02/04/93
 REPORT DATE: 02/17/93

QUANTEQ LAB NO: 9302052-01A
 QUANTEQ JOB NO: 9302052
 DATE ANALYZED: 02/11/93
 INSTRUMENT: G

EPA METHOD 8010 (WATER MATRIX)
 HALOGENATED VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/L)	REPORTING LIMIT (ug/L)
Bromodichloromethane	75-27-4	ND	0.5
Bromoform	75-25-2	ND	0.5
Bromomethane	74-83-9	ND	0.5
Carbon Tetrachloride	56-23-5	ND	0.5
Chlorobenzene	108-90-7	ND	0.5
Chloroethane	75-00-3	ND	0.5
2-Chloroethyl Vinyl Ether	110-75-8	ND	0.5
Chloroform	67-66-3	ND	0.5
Chloromethane	74-87-3	ND	0.5
Dibromochloromethane	124-48-1	ND	0.5
1,2-Dichlorobenzene	95-50-1	ND	0.5
1,3-Dichlorobenzene	541-73-1	ND	0.5
1,4-Dichlorobenzene	106-46-7	ND	0.5
Dichlorodifluoromethane	75-71-8	ND	0.5
1,1-Dichloroethane	75-34-3	ND	0.5
1,2-Dichloroethane	107-06-2	ND	0.5
1,1-Dichloroethene	75-35-4	ND	0.5
cis-1,2-Dichloroethene	156-59-2	15	0.5
trans-1,2-Dichloroethene	156-60-5	5	0.5
1,2-Dichloropropane	78-87-5	ND	0.5
cis-1,3-Dichloropropene	10061-01-5	ND	0.5
trans-1,3-Dichloropropene	10061-02-6	ND	0.5
Methylene Chloride	75-09-2	ND	0.5
1,1,2,2-Tetrachloroethane	79-34-5	ND	0.5
Tetrachloroethene	127-18-4	ND	0.5
1,1,1-Trichloroethane	71-55-6	ND	0.5
1,1,2-Trichloroethane	79-00-5	ND	0.5
Trichloroethene	79-01-6	53	0.5
Trichlorofluoromethane	75-69-4	ND	0.5
1,1,2-Trichloro- 1,2,2-trifluoroethane	76-13-1	ND	0.5
Vinyl Chloride	75-01-4	ND	0.5

ND = Not Detected

GROVE VALVE & REGULATOR CO.

SAMPLE ID: MW 1
CLIENT PROJ. ID: MW1
DATE SAMPLED: 02/04/93
DATE RECEIVED: 02/04/93
REPORT DATE: 02/17/93

QUANTEQ LAB NO: 9302052-01A
QUANTEQ JOB NO: 9302052
DATE ANALYZED: 02/11/93
INSTRUMENT: G

EPA METHOD 8020 (WATER MATRIX)
AROMATIC VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/L)	REPORTING LIMIT (ug/L)
Benzene	71-43-2	ND	0.5
Chlorobenzene	108-90-7	ND	0.5
1,2-Dichlorobenzene	95-50-1	ND	0.5
1,3-Dichlorobenzene	541-73-1	ND	0.5
1,4-Dichlorobenzene	106-46-7	ND	0.5
Ethylbenzene	100-41-4	ND	0.5
Toluene	108-88-3	ND	0.5
Xylenes, Total	1330-20-7	ND	2

ND = Not Detected

QUALITY CONTROL DATA

INSTRUMENT: G

QUANTEQ JOB NO: 9302052

CLIENT PROJ. ID: MW1

SURROGATE STANDARD RECOVERY SUMMARY

METHOD 8010/8020
(WATER MATRIX)

SAMPLE IDENTIFICATION			SURROGATE RECOVERY (PERCENT)		
Date Analyzed	Client Id.	Lab Id.	Bromochloro-methane	1-Bromo-2-chloro-propane	1-Chloro-2-fluoro-benzene
02/11/93	MW 1	01A	111.6	107.0	104.2

CURRENT QC LIMITS (Revised 06/22/92)

<u>ANALYTE</u>	<u>PERCENT RECOVERY</u>
Bromochloromethane	(65-138)
1-Bromo-2-chloropropane	(62-141)
1-Chloro-2-fluorobenzene	(74-124)

QUALITY CONTROL DATA

DATE ANALYZED: 02/11/93

QUANTEQ JOB NO: 9302052
SAMPLE SPIKED: D.I. WATER
INSTRUMENT: G

CLIENT PROJ. ID: MW1

MATRIX SPIKE RECOVERY SUMMARY

METHOD 8010/8020
(WATER MATRIX)

ANALYTE	Spike Conc. (ug/L)	Sample Result (ug/L)	MS Result (ug/L)	MSD Result (ug/L)	Average Percent Recovery	RPD
1,1-Dichloroethene	50.0	ND	43.3	44.1	87.4	1.8
Trichloroethene	50.0	ND	42.9	45.1	88.0	5.0
Benzene	50.0	ND	48.3	49.4	97.7	2.2
Toluene	50.0	ND	48.4	49.6	98.0	2.4
Chlorobenzene	50.0	ND	41.6	42.8	84.4	2.8

CURRENT QC LIMITS (Revised 06/22/92)

<u>Analyte</u>	<u>Percent Recovery</u>	<u>RPD</u>
1,1-Dichloroethene	(52-116)	6
Trichloroethene	(68-123)	8
Benzene	(79-112)	5
Toluene	(77-113)	5
Chlorobenzene	(62-104)	6

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference
ND = Not Detected

QUANTEQ Laboratories
 ANALYTICAL REQUEST/CHAIN OF CUSTODY FORM
 (Complete Information on Opposite Side)

CLIENT GROVE VALVE
 CLIENT JOB REF.: MW 1
 LAB PROJECT NO: 9302052
 (lab use only)

Date: 2-4-93
 SAMPLER(S): _____

CLIENT SAMPLE IDENTIFICATION	DATE Taken	Lab Number (lab use only)	AIR VOLUME (Liters)	NO. CONT.	SAMPLE TYPE *	ANALYSES								COMMENTS/ INTERFERENCES	
MW 1 WATER	2-4-93	DIAB		2	7	X									

DATE RESULTS REQUIRED: STANDARD T.A.T.

Relinquished by: (Signature) <i>[Signature]</i>	Date <u>2-4-93</u>	Time <u>3:50 PM</u>	Received by: (Signature) <i>[Signature]</i>	Date <u>2-4-93</u>	Time <u>15:50</u>
Relinquished by: (Signature) <i>[Signature]</i>	Date <u>2-4-93</u>	Time <u>17:05</u>	Received by: (Signature)	Date	Time
Dispatched by: (Signature) <i>[Signature]</i>	Date	Time	Received for lab by: (Signature) <i>Gina Gillespie</i>	Date <u>2-4-93</u>	Time <u>1705</u>
Method of Shipment:			Lab Comments:		

*SAMPLE TYPE (SPECIFY): (1) 37 mm 0.8 um MCEF; (2) 25 mm 0.8 um MCEF; (3) 25 mm 0.4 um polycarb. filter; (4) PVC filter, diam. _____ pore size _____; (5) Charcoal tube; (6) Silica gel tube (7) Water; (8) Soil; (9) Bulk Sample;