Chemical Waste Management, Inc.

4227 Technology Drive
Fremont, California 94538-6337
510/651-2964

June 16, 1995

Mr. Jeffrey Zelikson
U.S. Environmental Protection Agency
75 Hawthorne Street
San Francisco, CA 94105

Two Copies
Via Certified Mail
P 244 216 510

Mr. Allan Plaza
Unit Chief, Facilities Management Branch
Department of Toxic Substances Control
1011 North Grandview Avenue
Glendale, California 91201

Two Copies
Via Certified Mail
P 244 216 511

Subject: Chemical Waste Management, Inc. -- Azusa Facility (CAD008302903)
Second Quarter 1995 Groundwater Monitoring Event
Preliminary Analytical Results

Gentlemen:

In accordance with our meeting of Monday, December 23, 1991, with Messrs. Wayne Praskins and Thomas Kelly of U.S. EPA, and our follow-up letter dated January 14, 1992, Chemical Waste Management, Inc. (CWM), herein forwards *preliminary* analytical results for groundwater samples collected at the subject facility on May 25 and 26, 1995.

Results contained in the attached report are preliminary. Judgements regarding the subsurface environmental conditions should not be derived from the results. CWM will submit final results of all samples within 60 days of the receipt of the sample results from the laboratory.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Please call me at (510) 651-2964 if have any questions.

Sincerely,

CHEMICAL WASTE MANAGEMENT, INC.

Marc Yalom, R.G.
Hydrogeologist

MIY/lf

Attachment (1)

ATTACHMENT

Preliminary Analytical Results

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

C L I E N T R E P O R T

Site: 562 - CWMI-AZUSA
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW01
Sample Type: WELL
Sample Number: AM5543

ENS: 95-11773
MP: 562951
REV: 00

Sampled: 26-MAY-1995
Received: 27-MAY-1995
Reported: 14-JUN-1995

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	237.72		FT		FDWDTWTC01
GROUNDWATER ELEV.	291.59		FT MSL		FDWGWELWDT
PH FIELD	7.74		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	920		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEG. CELSIUS FIELD	19.0		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	335.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		624
1,1,1-TRICHLOROETHANE	ND	5	UG/L		624
1,1,2,2-TETRACHLOROETHANE	ND	5	UG/L		624
1,1,2-TRICHLOROETHANE	ND	5	UG/L		624
1,1-DICHLOROETHANE	ND	5	UG/L		624
1,1-DICHLOROETHENE	6	5	UG/L		624
1,2-DICHLOROBENZENE	ND	10.	UG/L		624
1,2-DICHLOROETHANE	ND	5	UG/L		624
1,2-DICHLOROPROPANE	ND	5	UG/L		624
1,3-DICHLOROBENZENE	ND	10.	UG/L		624
1,4-DICHLOROBENZENE	ND	10.	UG/L		624
2-BUTANONE	ND	50.	UG/L		624
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	624
4-METHYL-2-PENTANONE	ND	10.	UG/L		624
ACETONE	ND	34	UG/L		624
BENZENE	ND	5	UG/L		624
BROMODICHLOROMETHANE	ND	5	UG/L		624
BROMOFORM	ND	5	UG/L		624
BROMOMETHANE	ND	10.	UG/L		624
CARBON TETRACHLORIDE	ND	5	UG/L		624
CHLOROBENZENE	ND	5	UG/L		624
CHLOROETHANE	ND	10.	UG/L		624
CHLOROFORM	ND	5	UG/L		624
CHLOROMETHANE	ND	10.	UG/L		624
CIS-1,3-DICHLOROPROPENE	ND	5	UG/L		624
DIBROMOCHLOROMETHANE	ND	5	UG/L		624
ETHYLBENZENE	ND	5	UG/L		624
METHYLENE CHLORIDE	ND	5	UG/L		624
O-XYLENE	ND	10.	UG/L		624
TETRACHLOROETHENE	61	5	UG/L		624
TOLUENE	ND	5	UG/L		624
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		624
TRANS-1,3-DICHLOROPROPENE	ND	5	UG/L		624
TRICHLOROETHENE	23	5	UG/L		624
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		624
VINYL CHLORIDE	ND	10.	UG/L		624

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - CWMI-AZUSA
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW02
Sample Type: WELL
Sample Number: AM5544

ENS: 95-11773
MP: 562951
REV: 00

Sampled: 26-MAY-1995
Received: 27-MAY-1995
Reported: 14-JUN-1995

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	235.77		FT		FDWDTWTC01
GROUNDWATER ELEV.	289.88		FT MSL		FDWGWELWDT
PH FIELD	7.84		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	626		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEG. CELSIUS FIELD	20.2		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	328.0		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		624
1,1,1-TRICHLOROETHANE	ND	5	UG/L		624
1,1,2,2-TETRACHLOROETHANE	ND	5	UG/L		624
1,1,2-TRICHLOROETHANE	ND	5	UG/L		624
1,1-DICHLOROETHANE	ND	5	UG/L		624
1,1-DICHLOROETHENE	7	5	UG/L		624
1,2-DICHLOROBENZENE	ND	10.	UG/L		624
1,2-DICHLOROETHANE	ND	5	UG/L		624
1,2-DICHLOROPROPANE	ND	5	UG/L		624
1,3-DICHLOROBENZENE	ND	10.	UG/L		624
1,4-DICHLOROBENZENE	ND	10.	UG/L		624
2-BUTANONE	ND	50.	UG/L		624
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	624
4-METHYL-2-PENTANONE	ND	10.	UG/L		624
ACETONE	ND	34	UG/L		624
BENZENE	ND	5	UG/L		624
BROMODICHLOROMETHANE	ND	5	UG/L		624
BROMOFORM	ND	5	UG/L		624
BROMOMETHANE	ND	10.	UG/L		624
CARBON TETRACHLORIDE	ND	5	UG/L		624
CHLOROBENZENE	ND	5	UG/L		624
CHLOROETHANE	ND	10.	UG/L		624
CHLOROFORM	ND	5	UG/L		624
CHLOROMETHANE	ND	10.	UG/L		624
CIS-1,3-DICHLOROPROPENE	ND	5	UG/L		624
DIBROMOCHLOROMETHANE	ND	5	UG/L		624
ETHYLBENZENE	ND	5	UG/L		624
METHYLENE CHLORIDE	ND	5	UG/L		624
O-XYLENE	ND	10.	UG/L		624
TETRACHLOROETHENE	270	5	UG/L		624
TOLUENE	ND	5	UG/L		624
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		624
TRANS-1,3-DICHLOROPROPENE	ND	5	UG/L		624
TRICHLOROETHENE	53	5	UG/L		624
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		624
VINYL CHLORIDE	ND	10.	UG/L		624

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 — CWMI-AZUSA
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW03
Sample Type: WELL
Sample Number: AM5539

ENS: 95-11773
MP: 562951
REV: 00

Sampled: 25-MAY-1995
Received: 26-MAY-1995
Reported: 14-JUN-1995

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	227.83		FT		FDWDTWTC01
GROUNDWATER ELEV.	291.21		FT MSL		FDWGWELWDT
PH FIELD	7.30		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	4880		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEG. CELSIUS FIELD	18.2		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	319.50		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		624
1,1,1-TRICHLOROETHANE	ND	5	UG/L		624
1,1,2,2-TETRACHLOROETHANE	ND	5	UG/L		624
1,1,2-TRICHLOROETHANE	ND	5	UG/L		624
1,1-DICHLOROETHANE	ND	5	UG/L		624
1,1-DICHLOROETHENE	ND	5	UG/L		624
1,2-DICHLOROBENZENE	ND	10.	UG/L		624
1,2-DICHLOROETHANE	ND	5	UG/L		624
1,2-DICHLOROPROPANE	ND	5	UG/L		624
1,3-DICHLOROBENZENE	ND	10.	UG/L		624
1,4-DICHLOROBENZENE	ND	10.	UG/L		624
2-BUTANONE	ND	50.	UG/L		624
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	624
4-METHYL-2-PENTANONE	ND	10.	UG/L		624
ACETONE	ND	34	UG/L		624
BENZENE	ND	5	UG/L		624
BROMODICHLOROMETHANE	ND	5	UG/L		624
BROMOFORM	ND	5	UG/L		624
BROMOMETHANE	ND	10.	UG/L		624
CARBON TETRACHLORIDE	ND	5	UG/L		624
CHLOROBENZENE	ND	5	UG/L		624
CHLOROETHANE	ND	10.	UG/L		624
CHLOROFORM	ND	5	UG/L		624
CHLOROMETHANE	ND	10.	UG/L		624
CIS-1,3-DICHLOROPROPENE	ND	5	UG/L		624
DIBROMOCHLOROMETHANE	ND	5	UG/L		624
ETHYLBENZENE	ND	5	UG/L		624
METHYLENE CHLORIDE	ND	5	UG/L		624
O-XYLENE	ND	10.	UG/L		624
TETRACHLOROETHENE	50.	5	UG/L		624
TOLUENE	ND	5	UG/L		624
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		624
TRANS-1,3-DICHLOROPROPENE	ND	5	UG/L		624
TRICHLOROETHENE	26	5	UG/L		624
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		624
VINYL CHLORIDE	ND	10.	UG/L		624

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WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

C L I E N T R E P O R T

Site: 562 - CWMI-AZUSA
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW04
Sample Type: WELL
Sample Number: AM5545

ENS: 95-11773
MP: 562951
REV: 00

Sampled: 26-MAY-1995
Received: 27-MAY-1995
Reported: 14-JUN-1995

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	230.00		FT		FDWDTWTC01
GROUNDWATER ELEV.	290.48		FT MSL		FDWGWELWDT
PH FIELD	7.31		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	920		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEG. CELSIUS FIELD	20.5		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	318.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		624
1,1,1-TRICHLOROETHANE	ND	5	UG/L		624
1,1,2,2-TETRACHLOROETHANE	ND	5	UG/L		624
1,1,2-TRICHLOROETHANE	ND	5	UG/L		624
1,1-DICHLOROETHANE	ND	5	UG/L		624
1,1-DICHLOROETHENE	5	5	UG/L		624
1,2-DICHLOROBENZENE	ND	10.	UG/L		624
1,2-DICHLOROETHANE	ND	5	UG/L		624
1,2-DICHLOROPROPANE	ND	5	UG/L		624
1,3-DICHLOROBENZENE	ND	10.	UG/L		624
1,4-DICHLOROBENZENE	ND	10.	UG/L		624
2-BUTANONE	ND	50.	UG/L		624
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	624
4-METHYL-2-PENTANONE	ND	10.	UG/L		624
ACETONE	ND	34	UG/L		624
BENZENE	ND	5	UG/L		624
BROMODICHLOROMETHANE	ND	5	UG/L		624
BROMOFORM	ND	5	UG/L		624
BROMOMETHANE	ND	10.	UG/L		624
CARBON TETRACHLORIDE	ND	5	UG/L		624
CHLOROBENZENE	ND	5	UG/L		624
CHLOROETHANE	ND	10.	UG/L		624
CHLOROFORM	ND	5	UG/L		624
CHLOROMETHANE	ND	10.	UG/L		624
CIS-1,3-DICHLOROPROPENE	ND	5	UG/L		624
DIBROMOCHLOROMETHANE	ND	5	UG/L		624
ETHYLBENZENE	ND	5	UG/L		624
METHYLENE CHLORIDE	ND	5	UG/L		624
O-XYLENE	ND	10.	UG/L		624
TETRACHLOROETHENE	170	5	UG/L		624
TOLUENE	ND	5	UG/L		624
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		624
TRANS-1,3-DICHLOROPROPENE	ND	5	UG/L		624
TRICHLOROETHENE	22	5	UG/L		624
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		624
VINYL CHLORIDE	ND	10.	UG/L		624

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WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - CWMI-AZUSA
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW05
Sample Type: WELL
Sample Number: AM5541

ENS: 95-11773
MP: 562951
REV: 00

Sampled: 25-MAY-1995
Received: 26-MAY-1995
Reported: 14-JUN-1995

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	229.81		FT		FDWDTWTC01
GROUNDWATER ELEV.	289.86		FT MSL		FDWGWELWDT
PH FIELD	7.61		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	970		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEG. CELSIUS FIELD	18.6		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	330.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L	DL	624
1,1,1-TRICHLOROETHANE	13	6	UG/L	DL	624
1,1,2,2-TETRACHLOROETHANE	ND	10.	UG/L	DL	624
1,1,2-TRICHLOROETHANE	ND	6	UG/L	DL	624
1,1-DICHLOROETHANE	ND	10.	UG/L	DL	624
1,1-DICHLOROETHENE	ND	10.	UG/L	DL	624
1,2-DICHLOROBENZENE	ND	10.	UG/L	DL	624
1,2-DICHLOROETHANE	7	5	UG/L	DL	624
1,2-DICHLOROPROPANE	ND	5	UG/L	DL	624
1,3-DICHLOROBENZENE	ND	10.	UG/L	DL	624
1,4-DICHLOROBENZENE	ND	10.	UG/L	DL	624
2-BUTANONE	ND	100	UG/L	DL	624
2-CHLOROETHYLVINYL ETHER	ND	40.	UG/L	DL,ST	624
4-METHYL-2-PENTANONE	ND	19	UG/L	DL	624
ACETONE	ND	68	UG/L	DL	624
BENZENE	ND	5	UG/L	DL	624
BROMODICHLOROMETHANE	ND	5	UG/L	DL	624
BROMOFORM	ND	6	UG/L	DL	624
BROMOMETHANE	ND	10.	UG/L	DL	624
CARBON TETRACHLORIDE	ND	6	UG/L	DL	624
CHLOROBENZENE	ND	5	UG/L	DL	624
CHLOROETHANE	ND	11	UG/L	DL	624
CHLOROFORM	ND	5	UG/L	DL	624
CHLOROMETHANE	ND	13	UG/L	DL	624
CIS-1,3-DICHLOROPROPENE	ND	6	UG/L	DL	624
DIBROMOCHLOROMETHANE	ND	5	UG/L	DL	624
ETHYLBENZENE	ND	7	UG/L	DL	624
METHYLENE CHLORIDE	ND	9	UG/L	DL	624
O-XYLENE	ND	10.	UG/L	DL	624
TETRACHLOROETHENE	450	6	UG/L	DL	624
TOLUENE	ND	5	UG/L	DL	624
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L	DL	624
TRANS-1,3-DICHLOROPROPENE	ND	6	UG/L	DL	624
TRICHLOROETHENE	47	5	UG/L	DL	624
TRICHLOROFLUOROMETHANE	ND	11	UG/L	DL	624
VINYL CHLORIDE	ND	13	UG/L	DL	624

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

Item	Additional Comment Explanations (NQ/DL)
624	Dilution factor 2.000 applied.

Chemical Waste Management, Inc.

June 16, 1995

Mr. Jeffrey Zelikson
U.S. Environmental Protection Agency
75 Hawthorne Street
San Francisco, CA 94105

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Via Certified Mail
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Mr. Allan Plaza
Unit Chief, Facilities Management Branch
Department of Toxic Substances Control
1011 North Grandview Avenue
Glendale, California 91201

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Subject: Chemical Waste Management, Inc. -- Azusa Facility (CAD008302903)
Second Quarter 1995 Groundwater Monitoring Event
Preliminary Analytical Results

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I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Please call me at (510) 651-2964 if have any questions.

Sincerely,

CHEMICAL WASTE MANAGEMENT, INC.

Marc Yalom, R.G.
Hydrogeologist

MIY/lf

Attachment (1)

ATTACHMENT

Preliminary Analytical Results

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

C L I E N T R E P O R T

Site: 562 - CWMI-AZUSA
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW01
Sample Type: WELL
Sample Number: AM5543

ENS: 95-11773
MP: 562951
REV: 00

Sampled: 26-MAY-1995
Received: 27-MAY-1995
Reported: 14-JUN-1995

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	237.72		FT		FDWDTWTC01
GROUNDWATER ELEV.	291.59		FT MSL		FDWGWELWDT
PH FIELD	7.74		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	920		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEG. CELSIUS FIELD	19.0		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	335.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		624
1,1,1-TRICHLOROETHANE	ND	5	UG/L		624
1,1,2,2-TETRACHLOROETHANE	ND	5	UG/L		624
1,1,2-TRICHLOROETHANE	ND	5	UG/L		624
1,1-DICHLOROETHANE	ND	5	UG/L		624
1,1-DICHLOROETHENE	6	5	UG/L		624
1,2-DICHLOROBENZENE	ND	10.	UG/L		624
1,2-DICHLOROETHANE	ND	5	UG/L		624
1,2-DICHLOROPROPANE	ND	5	UG/L		624
1,3-DICHLOROBENZENE	ND	10.	UG/L		624
1,4-DICHLOROBENZENE	ND	10.	UG/L		624
2-BUTANONE	ND	50.	UG/L		624
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	624
4-METHYL-2-PENTANONE	ND	10.	UG/L		624
ACETONE	ND	34	UG/L		624
BENZENE	ND	5	UG/L		624
BROMODICHLOROMETHANE	ND	5	UG/L		624
BROMOFORM	ND	5	UG/L		624
BROMOMETHANE	ND	10.	UG/L		624
CARBON TETRACHLORIDE	ND	5	UG/L		624
CHLOROBENZENE	ND	5	UG/L		624
CHLOROETHANE	ND	10.	UG/L		624
CHLOROFORM	ND	5	UG/L		624
CHLOROMETHANE	ND	10.	UG/L		624
CIS-1,3-DICHLOROPROPENE	ND	5	UG/L		624
DIBROMOCHLOROMETHANE	ND	5	UG/L		624
ETHYLBENZENE	ND	5	UG/L		624
METHYLENE CHLORIDE	ND	5	UG/L		624
O-XYLENE	ND	10.	UG/L		624
TETRACHLOROETHENE	61	5	UG/L		624
TOLUENE	ND	5	UG/L		624
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		624
TRANS-1,3-DICHLOROPROPENE	ND	5	UG/L		624
TRICHLOROETHENE	23	5	UG/L		624
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		624
VINYL CHLORIDE	ND	10.	UG/L		624

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - CWMI-AZUSA
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW02
Sample Type: WELL
Sample Number: AM5544

ENS: 95-11773
MP: 562951
REV: 00

Sampled: 26-MAY-1995
Received: 27-MAY-1995
Reported: 14-JUN-1995

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	235.77		FT		FDWDTWTC01
GROUNDWATER ELEV.	289.88		FT MSL		FDWGWELWDT
PH FIELD	7.84		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	626		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEG. CELSIUS FIELD	20.2		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	328.0		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		624
1,1,1-TRICHLOROETHANE	ND	5	UG/L		624
1,1,2,2-TETRACHLOROETHANE	ND	5	UG/L		624
1,1,2-TRICHLOROETHANE	ND	5	UG/L		624
1,1-DICHLOROETHANE	ND	5	UG/L		624
1,1-DICHLOROETHENE	7	5	UG/L		624
1,2-DICHLOROBENZENE	ND	10.	UG/L		624
1,2-DICHLOROETHANE	ND	5	UG/L		624
1,2-DICHLOROPROPANE	ND	5	UG/L		624
1,3-DICHLOROBENZENE	ND	10.	UG/L		624
1,4-DICHLOROBENZENE	ND	10.	UG/L		624
2-BUTANONE	ND	50.	UG/L		624
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	624
4-METHYL-2-PENTANONE	ND	10.	UG/L		624
ACETONE	ND	34	UG/L		624
BENZENE	ND	5	UG/L		624
BROMODICHLOROMETHANE	ND	5	UG/L		624
BROMOFORM	ND	5	UG/L		624
BROMOMETHANE	ND	10.	UG/L		624
CARBON TETRACHLORIDE	ND	5	UG/L		624
CHLOROBENZENE	ND	5	UG/L		624
CHLOROETHANE	ND	10.	UG/L		624
CHLOROFORM	ND	5	UG/L		624
CHLOROMETHANE	ND	10.	UG/L		624
CIS-1,3-DICHLOROPROPENE	ND	5	UG/L		624
DIBROMOCHLOROMETHANE	ND	5	UG/L		624
ETHYLBENZENE	ND	5	UG/L		624
METHYLENE CHLORIDE	ND	5	UG/L		624
O-XYLENE	ND	10.	UG/L		624
TETRACHLOROETHENE	270	5	UG/L		624
TOLUENE	ND	5	UG/L		624
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		624
TRANS-1,3-DICHLOROPROPENE	ND	5	UG/L		624
TRICHLOROETHENE	53	5	UG/L		624
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		624
VINYL CHLORIDE	ND	10.	UG/L		624

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

C L I E N T R E P O R T

Site: 562 — CWMI-AZUSA
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW03
Sample Type: WELL
Sample Number: AM5539

ENS: 95-11773
MP: 562951
REV: 00

Sampled: 25-MAY-1995
Received: 26-MAY-1995
Reported: 14-JUN-1995

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	227.83		FT		FDWDTWTC01
GROUNDWATER ELEV.	291.21		FT MSL		FDWGWELWDT
PH FIELD	7.30		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	4880		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEG. CELSIUS FIELD	18.2		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	319.50		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		624
1,1,1-TRICHLOROETHANE	ND	5	UG/L		624
1,1,2,2-TETRACHLOROETHANE	ND	5	UG/L		624
1,1,2-TRICHLOROETHANE	ND	5	UG/L		624
1,1-DICHLOROETHANE	ND	5	UG/L		624
1,1-DICHLOROETHENE	ND	5	UG/L		624
1,2-DICHLOROBENZENE	ND	10.	UG/L		624
1,2-DICHLOROETHANE	ND	5	UG/L		624
1,2-DICHLOROPROPANE	ND	5	UG/L		624
1,3-DICHLOROBENZENE	ND	10.	UG/L		624
1,4-DICHLOROBENZENE	ND	10.	UG/L		624
2-BUTANONE	ND	50.	UG/L		624
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	624
4-METHYL-2-PENTANONE	ND	10.	UG/L		624
ACETONE	ND	34	UG/L		624
BENZENE	ND	5	UG/L		624
BROMODICHLOROMETHANE	ND	5	UG/L		624
BROMOFORM	ND	5	UG/L		624
BROMOMETHANE	ND	10.	UG/L		624
CARBON TETRACHLORIDE	ND	5	UG/L		624
CHLOROBENZENE	ND	5	UG/L		624
CHLOROETHANE	ND	10.	UG/L		624
CHLOROFORM	ND	5	UG/L		624
CHLOROMETHANE	ND	10.	UG/L		624
CIS-1,3-DICHLOROPROPENE	ND	5	UG/L		624
DIBROMOCHLOROMETHANE	ND	5	UG/L		624
ETHYLBENZENE	ND	5	UG/L		624
METHYLENE CHLORIDE	ND	5	UG/L		624
O-XYLENE	ND	10.	UG/L		624
TETRACHLOROETHENE	50.	5	UG/L		624
TOLUENE	ND	5	UG/L		624
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		624
TRANS-1,3-DICHLOROPROPENE	ND	5	UG/L		624
TRICHLOROETHENE	26	5	UG/L		624
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		624
VINYL CHLORIDE	ND	10.	UG/L		624

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

C L I E N T R E P O R T

Site: 562 - CWMI-AZUSA
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW04
Sample Type: WELL
Sample Number: AM5545

ENS: 95-11773
MP: 562951
REV: 00

Sampled: 26-MAY-1995
Received: 27-MAY-1995
Reported: 14-JUN-1995

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	230.00		FT		FDWDTWTC01
GROUNDWATER ELEV.	290.48		FT MSL		FDWGWELWDT
PH FIELD	7.31		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	920		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEG. CELSIUS FIELD	20.5		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	318.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		624
1,1,1-TRICHLOROETHANE	ND	5	UG/L		624
1,1,2,2-TETRACHLOROETHANE	ND	5	UG/L		624
1,1,2-TRICHLOROETHANE	ND	5	UG/L		624
1,1-DICHLOROETHANE	ND	5	UG/L		624
1,1-DICHLOROETHENE	5	5	UG/L		624
1,2-DICHLOROBENZENE	ND	10.	UG/L		624
1,2-DICHLOROETHANE	ND	5	UG/L		624
1,2-DICHLOROPROPANE	ND	5	UG/L		624
1,3-DICHLOROBENZENE	ND	10.	UG/L		624
1,4-DICHLOROBENZENE	ND	10.	UG/L		624
2-BUTANONE	ND	50.	UG/L		624
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	624
4-METHYL-2-PENTANONE	ND	10.	UG/L		624
ACETONE	ND	34	UG/L		624
BENZENE	ND	5	UG/L		624
BROMODICHLOROMETHANE	ND	5	UG/L		624
BROMOFORM	ND	5	UG/L		624
BROMOMETHANE	ND	10.	UG/L		624
CARBON TETRACHLORIDE	ND	5	UG/L		624
CHLOROBENZENE	ND	5	UG/L		624
CHLOROETHANE	ND	10.	UG/L		624
CHLOROFORM	ND	5	UG/L		624
CHLOROMETHANE	ND	10.	UG/L		624
CIS-1,3-DICHLOROPROPENE	ND	5	UG/L		624
DIBROMOCHLOROMETHANE	ND	5	UG/L		624
ETHYLBENZENE	ND	5	UG/L		624
METHYLENE CHLORIDE	ND	5	UG/L		624
O-XYLENE	ND	10.	UG/L		624
TETRACHLOROETHENE	170	5	UG/L		624
TOLUENE	ND	5	UG/L		624
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		624
TRANS-1,3-DICHLOROPROPENE	ND	5	UG/L		624
TRICHLOROETHENE	22	5	UG/L		624
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		624
VINYL CHLORIDE	ND	10.	UG/L		624

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - CWMI-AZUSA
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW05
Sample Type: WELL
Sample Number: AM5541

ENS: 95-11773
MP: 562951
REV: 00

Sampled: 25-MAY-1995
Received: 26-MAY-1995
Reported: 14-JUN-1995

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	229.81		FT		FDWDTWTC01
GROUNDWATER ELEV.	289.86		FT MSL		FDWGWELWDT
PH FIELD	7.61		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	970		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEG. CELSIUS FIELD	18.6		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	330.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L	DL	624
1,1,1-TRICHLOROETHANE	13	6	UG/L	DL	624
1,1,2,2-TETRACHLOROETHANE	ND	10.	UG/L	DL	624
1,1,2-TRICHLOROETHANE	ND	6	UG/L	DL	624
1,1-DICHLOROETHANE	ND	10.	UG/L	DL	624
1,1-DICHLOROETHENE	ND	10.	UG/L	DL	624
1,2-DICHLOROBENZENE	ND	10.	UG/L	DL	624
1,2-DICHLOROETHANE	7	5	UG/L	DL	624
1,2-DICHLOROPROPANE	ND	5	UG/L	DL	624
1,3-DICHLOROBENZENE	ND	10.	UG/L	DL	624
1,4-DICHLOROBENZENE	ND	10.	UG/L	DL	624
2-BUTANONE	ND	100	UG/L	DL	624
2-CHLOROETHYLVINYL ETHER	ND	40.	UG/L	DL,ST	624
4-METHYL-2-PENTANONE	ND	19	UG/L	DL	624
ACETONE	ND	68	UG/L	DL	624
BENZENE	ND	5	UG/L	DL	624
BROMODICHLOROMETHANE	ND	5	UG/L	DL	624
BROMOFORM	ND	6	UG/L	DL	624
BROMOMETHANE	ND	10.	UG/L	DL	624
CARBON TETRACHLORIDE	ND	6	UG/L	DL	624
CHLOROBENZENE	ND	5	UG/L	DL	624
CHLOROETHANE	ND	11	UG/L	DL	624
CHLOROFORM	ND	5	UG/L	DL	624
CHLOROMETHANE	ND	13	UG/L	DL	624
CIS-1,3-DICHLOROPROPENE	ND	6	UG/L	DL	624
DIBROMOCHLOROMETHANE	ND	5	UG/L	DL	624
ETHYLBENZENE	ND	7	UG/L	DL	624
METHYLENE CHLORIDE	ND	9	UG/L	DL	624
O-XYLENE	ND	10.	UG/L	DL	624
TETRACHLOROETHENE	450	6	UG/L	DL	624
TOLUENE	ND	5	UG/L	DL	624
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L	DL	624
TRANS-1,3-DICHLOROPROPENE	ND	6	UG/L	DL	624
TRICHLOROETHENE	47	5	UG/L	DL	624
TRICHLOROFLUOROMETHANE	ND	11	UG/L	DL	624
VINYL CHLORIDE	ND	13	UG/L	DL	624

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Item	Additional Comment Explanations (NQ/DL)
624	Dilution factor 2.000 applied.

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Chemical Waste Management, Inc.

4227 Technology Drive
Fremont, California 94538-6337
510/651-2964

RECEIVED
JAN 30

January 27, 1995

Mr. Jeffrey Zelikson
U.S. Environmental Protection Agency
Region IX
75 Hawthorne Street
San Francisco, California 94105

Two Copies
Via Certified Mail
Z 047 926 282

Mr. Allan Plaza
Unit Chief, Facility Management Branch
(Attn: Mr. Andy Bajwa)
California Department of Toxic Substances Control, Region III
1011 North Grandview Avenue
Glendale, California 91201

Two Copies
Via Certified Mail
Z 047 926 283

Subject: Chemical Waste Management, Inc. - Azusa, California Facility, CAD 008302903, RCRA Facility Investigation, Combined Report of Fourth Quarter 1994 Groundwater Monitoring & RFI Events

Gentlemen:

In accordance with the recommendations presented in the Oil & Solvent Process Company RCRA Facility Investigation (RFI) Phase III Report[1], and the RCRA Part B Permit Attachment D, Section E.3.d, Chemical Waste Management, Inc., is submitting this letter report describing the Fourth Quarter 1994 Groundwater Monitoring Event at the Chemical Waste Management, Inc. - Azusa, California facility.

CWM is also submitting a computer diskette containing monitoring event analytical and groundwater elevation data. The electronic data submission is required under permit condition VI.8.A.

The last section of this report provides an update on Fourth Quarter RFI activities for the period of October 1 through December 31, 1994. The RFI status report is in accordance with Permit Condition VI.3.A.

---

[1]Meredith/Boli and Associates, RCRA Facility Investigation (Phase III), Groundwater Investigation, January 11, 1993.

GROUNDWATER MONITORING

Groundwater sampling was performed by RUST Environment & Infrastructure of Irvine, California on November 28 and 29, 1994. Laboratory analyses were performed by WMX Technologies' Environmental Monitoring Laboratory of Geneva, Illinois.

In conjunction with the regular sampling activities of November 28, RUST performed a test of "micro purge" pre-sampling techniques and supplemental sampling. The purpose was to evaluate if the micro purge method of drawing fresh formation water into the well casing would be appropriate at CWM-Azusa. The results of the test (Attachment 1) indicate that physical parameters measured during micro and standard purging tended to stabilize at different values, particularly for temperature. Detected chemical concentrations in samples collected after micro purging were, in all cases, lower than concentrations in samples collected after standard purging. Therefore, CWM will continue to perform standard purging methods in future events.

During the Fourth Quarter, groundwater levels were measured by RUST in CWM-Azusa wells on October 28, November 28, and December 23, 1994. Please note the following:

1) The "Depth to Water From Top of Well Casing" on the Field Information Form and Client Report for MW05 (277 feet) is incomplete and should read 277.56 feet. The measurements presented in RUST Table 1 and the electronic media (below) are correct, as are groundwater elevation calculations related to this measurement (RUST Table 1 and RUST Figure 3).

2) The "Measuring Point Elevation" and "Groundwater Elev." data are incorrect on the Field Information Forms and Client Reports for two wells -- MW01 and MW03. The data in RUST Table 1, RUST Figures 2, 3, and 4, and the electronic media (below) are correct.

Revised laboratory reports with corrected data will be forwarded to the agencies upon receipt by CWM.

Descriptions of the sampling event, micro and standard purging, analytical results, and groundwater elevation measurements are described in the RUST report in Attachment 1.

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DATA ON ELECTRONIC MEDIA

Attachment 2 contains one 3½-inch, double sided, high density, DOS compatible diskette containing three ASCII files.

The file "CHEMSTRY.TXT" contains primary, duplicate, and micro purge field measurements and laboratory analytical results for the Fourth Quarter 1994 event. The file is fixed format, containing 323 records, each with eleven fields. Table 1 is a description of the variable fields. Each record contains the result for one chemical analyte.

The file "BLANKS.TXT" contains the results of Travel and Field Blank analyses for the event. The file contains 72 records, each with nine fields. Variable fields are described in Table 2.

Groundwater elevation measurements for the Fourth Quarter 1994 are presented in "LEVELS.TXT". The file contains fifteen records, each with six fields. Table 3 describes the fields for this file.

The information presented in the electronic files is summary in nature. For specific details, please refer to the laboratory reports in the RUST report (Attachment 1).

OTHER RFI ACTIVITIES

WORK COMPLETED

On December 30, 1994, CWM submitted a request to DTSC and U.S. EPA to: 1) reduce the number of wells sampled each quarter from five to three (one up-gradient, two down-gradient; 2) select the wells to be sampled based on groundwater gradients calculated immediately before sampling; and 3) reduce the number of duplicate samples to one for every ten primary samples. The request was accompanied by supporting technical documentation. The agencies' responses are pending.

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WORK PLANNED

- First Quarter 1995 groundwater sampling is scheduled for February 23 and 24, 1995.
- First Quarter 1995 groundwater level measurements are planned for January 27, February 23, and March 31, 1995.

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system design to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violation.

If you have any questions, I can be reached at (510) 651-2964.

Sincerely,

CHEMICAL WASTE MANAGEMENT, INC.

Marc Yalom, R.G.
Hydrogeologist

Attachments (2)

/miy

cc: Mr. Wayne Chiou, Los Angeles RWQCB - Monterey Park
(Three Copies, Via Certified Mail, Z 047 926 284)

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TABLES

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TABLE 1
CHEMICAL WASTE MANAGEMENT, INC.
AZUSA FACILITY
ELECTRONIC FILE SUMMARY
"CHEMSTRY.TXT"

Cols.	Field	Description	Options
1-2	blank field		
3-18	Site_id	Source of sample	
19-28	Replicate	Type of sample	"P0" - Primary Sample "DX" - Duplicate Sample ("X" - Duplicate number) "SX" - Split Sample ("X" - Split Number)
29-38	Samp_date	Date sample was collected	Format: "MM/DD/YY"
39-48	Samp_time	Time sample was collected	Format: "HH:MM"
49-89	Name	Analyte Name	
90-101	Cas_num	Chemical Abstract Number	CAS number beginning "GIS" or "CWM" are improvised entries for analytes without true CAS designations
102-113	Conc	Concentration detected	
114-124	Det_limit	Detection limit	
125-130	Units	Analyte units	
131-138	Pf_code	Preparation fraction code	"T" - Total "D" - Dissolved
139-145	Dl_flag	Detection limit flag	"<" - Analyte not detected blank - Analyte detected

Notes:

1. First line of the file contains a field header.
2. All fields are left justified.

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TABLE 2
CHEMICAL WASTE MANAGEMENT, INC.
AZUSA FACILITY
ELECTRONIC FILE SUMMARY
"BLANKS.TXT"

Cols.	Field	Description	Options
1-2	blank field		
3-13	Blank_Type	Type of QA Blank	"FX" - Field Blank ("X" - Blank Number) "TX" - Travel Blank ("X" - Blank Number)
14-54	Name	Analyte Name	
55-66	Cas_num	Chemical Abstract Number	CAS number beginning "GIS" or "CWM" are improvised entries for analytes without true CAS designations
67-78	Conc	Concentration detected	
79-89	Det_limit	Detection limit	
90-95	Units	Analyte units	
96-103	Pf_code	Preparation fraction code	"T" - Total "D" - Dissolved
104-111	Dl_Flag	Detection limit flag	"<" - Analyte not detected blank - Analyte detected
112-119	EML_Ens	Environmental Monitoring Laboratories Event Notification System Code	"YY-#####", where "YY" - Year "#####" - EML assigned laboratory sequence number

Notes:

1. First line of the file contains a field header.
2. All fields are left justified.

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TABLE 3
CHEMICAL WASTE MANAGEMENT, INC.
AZUSA FACILITY
ELECTRONIC FILE SUMMARY
"LEVELS.TXT"

Cols.	Field	Description	Options
1-2	blank field		
3-18	Site_id	Measurement source	
19-27	Date	Date of measurement	Format: "MM/DD/YY"
28-32	Time	Time of measurement	Format: "HH:MM"
33-40	Level	Depth to groundwater	In feet
41-49	Mp_elev	Measuring point reference elevation	Feet above mean sea level
51-59	Elev	Groundwater elevation	Feet above mean sea level (Mp_elev - Level)

Notes:

1. First line of file contains a field header.
2. Level, Mp_elev, and Elev fields are right justified. All other fields are left justified.

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ATTACHMENT 1

RUST REPORTS OF GROUNDWATER MONITORING

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RUST ENVIRONMENT & INFRASTRUCTURE

RUST Environment & Infrastructure Inc.
18401 Von Karman Avenue, Suite 550 - 5th Floor
Irvine, CA 92612
Tel. (714) 251-6400 • FAX (714) 251-6441

JAN 1995
RECEIVED
Western Region
Environmental
Mgt. Dept.
C.W.M.I.

December 28, 1994

Mr. Joe Rentz
Environmental Monitoring Laboratories, Inc.
2100 Cleanwater Drive
Geneva, Illinois 60134

SUBJECT: CWM FACILITY SAMPLING EVENT
100 SOUTH MOTOR DRIVE
AZUSA, CALIFORNIA
RUST E&I PROJECT NO. 88388

Dear Mr. Rentz:

RUST Environment and Infrastructure (RUST E&I) performed quarterly groundwater monitoring of the wells at the Chemical Waste Management Inc. facility on November 29, 1994. The RUST E&I sampling team collected a duplicate and an original sample from Well MW03 concurrently, alternating the duplicate sample VOA vial with the original on each pump cycle. Two different sampling times were inadvertently recorded on the field chain of custody.

Please add this correspondence to your file for the sampling record. Should you require further clarification, please feel free to contact me at (714) 251-6400.

Sincerely,

Susan Goss

Susan Goss
Project Hydrogeologist

cc: Marc Yalom; Chemical Waste Management, Inc.

17:cwmeml

RUST ENVIRONMENT & INFRASTRUCTURE

RUST Environment & Infrastructure
18401 Von Karman Avenue, Suite 550
Irvine, California 92612
Tel. (714) 251-6400 FAX (714) 251-6411

JAN 1995
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Western Region
Environmental
Mgt. Dept.
C.W.M.I.

January 25, 1995

Mr. Marc Yalom, R.G.
Hydrogeologist
Chemical Waste Management, Inc.
4227 Technology Drive
Fremont, California 94538-6337

**SUBJECT: CHEMICAL WASTE MANAGEMENT, INC.
AZUSA, CALIFORNIA FACILITY - CAD 008302903
REPORT OF FOURTH QUARTER 1994 GROUNDWATER MONITORING EVENT (RUST E&I PROJECT NO. 88388)**

Mr. Yalom:

The following is a summary of the groundwater monitoring activity and results for the Fourth Quarter 1994 Groundwater Monitoring Event at the Chemical Waste Management, Inc. (CWMI)-Azusa Facility. This letter report includes a summary of groundwater level measurements, groundwater sampling and analysis, and groundwater analytical results in Sections 1.0 - 3.0, and a discussion is provided in Section 4.0. The site is located at 107 South Motor Avenue as shown in Figure 1.

1.0 GROUNDWATER LEVEL MEASUREMENTS

On October 28, November 28 and December 23, 1994, RUST E&I personnel measured depth-to-groundwater in all five of the CWMI-Azusa RCRA facility groundwater monitoring wells (MW01 through MW05). No problems or difficulties were encountered while taking the measurements. The measurement data are summarized in Table 1, and groundwater contour maps for the three events are presented as Figures 2, 3, and 4 of this report.

Depth-to-groundwater was measured at each sample point (monitoring well) using an electronic water-level probe attached to a 300-foot fiberglass measuring tape. The measuring tape is graduated in 0.01-foot increments, and the "zero-foot" calibration point is at the water detection sensor, which allows depth-to-water to be measured directly. The probe and approximately ten feet of the measuring tape were decontaminated by washing in a bucket of dilute, non-phosphate detergent solution, followed by a double-rinse with tap water and a final rinse with distilled water prior to being lowered in each well's sounding tube. This procedure meets the CRWQCB requirement for instrument decontamination. The groundwater surface elevation was calculated for each sample point by subtracting the depth-to-groundwater value from the known reference point (top of sounding tube nipple) elevation.

The data indicate that groundwater elevations decreased in each of the months in the fourth quarter of 1994. The total decrease in groundwater elevation over the three month period was approximately 8.1 feet. The greatest decrease in groundwater elevation occurred during the month of October, with a decrease of approximately 5.9 feet. The groundwater elevation data collected in October 1994 may be anomalous, since the groundwater contours have a different orientation from the previous monthly groundwater contour maps. The groundwater flow direction was consistent throughout the fourth quarter, flowing to the west in October, November, and December. The groundwater gradient varied from approximately 0.0015 feet/feet in October and 0.0009 feet/feet in November, to 0.0008 feet/feet in December.

2.0 GROUNDWATER SAMPLING & ANALYSES

2.1 AquaPak Inspection

Four small EML AquaPaks (numbers 2149, 2009, 2076 and 2014) were received at the RUST E&I, Irvine office approximately one week prior to the planned sampling dates, November 28 and 29, 1994. Contained in the WMX-EML provided AquaPaks were pre-labeled, pre-cleaned 40 ml glass sample bottles. Each bottle label was pre-printed with an identification number, testing method, target analyte(s), type of preservative, filtration requirements and a unique bar-code which the laboratory uses to read this information. Each sample container was pre-preserved with HCL. Mr. Liles Cobb, a WMX-EML-certified specialist, inspected the AquaPak's contents on November 27 and found the sample containers to be complete and labeled accurately. The WMX-EML bottle set numbers were as follows:

MW01	MW02	MW03	DUP	MW04	MW05	01FB
AL2251	AL2249	AL2245	AL2247	AL2248	AL2250	AL2246

2.2 Pre-Sample Preparation

During the fourth quarter sampling event a micropurging technique (in which a smaller quantity of water was removed from the wells prior to sampling) was used on wells MW01 and MW04 for comparison with traditional purging techniques. This technique is further described in Section 2.4.

Prior to sampling, wells MW01 through MW05 were purged of three "well-volumes" of groundwater. The well purge volumes are listed on Table 2 and the actual purge volumes are listed in Table 3. Parameters including pH, specific conductivity, and temperature were measured (Tables 4-10) and had stabilized to within 10% by the end of the purging activities for both traditional and micro purge techniques, although the parameters stabilized at different levels for the different purging techniques.

In both cases the bladder pump (sample pump) tubes were purged of approximately 2 gallons of groundwater just before the sample bottles were filled.

The purge-water parameters were measured using a QED Purge Saver pH, conductivity and temperature meter. The QED Purge Saver instrument was calibrated prior to the start of each day, and the calibration was checked at least once every 4 hours and again at the end of each day. The conductivity meter was "zeroed and spanned" as part of its initial calibration. The calibration records are listed in Tables 11 and 12.

All of the purged waters were placed in CWMI-Azusa provided 55-gallon drums and properly labeled for cross-reference with the analytical data. A total of 15 drums were used, and disposal arrangements for the containerized waters were made by CWMI-Azusa.

The field notes have been typed and put in tabular form, and are provided on the following pages. Included are documentation of field meter calibrations, purge water field readings, actual purge volumes, samples times and number of drums of waste generated at each sample point.

2.3 Sample Collection

On November 28 and 29, 1994, RUST E&I personnel performed groundwater sampling at all five of the CWMI-Azusa RCRA facility groundwater monitoring wells (MW01 through MW05). Duplicate samples and Field Blanks were collected at MW-03. The sample collection order is listed in Table 13. The task was performed on-site by Mr. Cobb with the assistance of Ms. Susan Goss, a RUST E&I Registered Geologist. All groundwater sampling work was performed according to WMX Groundwater Sampling Manual protocols and the CWMI-Azusa Site Specific Groundwater Monitoring Plan. The sampling times are documented on the enclosed WMX-EML Chain of Custody Records (Appendix A). The duplicate sample (DUP) collected at well MW03 was sampled simultaneously with sample WM03, although the sample times recorded on the Chain of Custody Records were inadvertently recorded as different times.

RUST E&I conducted a pilot study of micro purge techniques in conjunction with the regularly scheduled groundwater sampling event, and a comparison of the analytical results are presented later in this report. The micro purge sampling event at MW01 was observed by Los Angeles Regional Water Quality Control Board personnel, Mr. Wayne Chiou and Mr. David Koo. Micro purging was also utilized at MW04.

Weather conditions on November 28 and November 29 were similar, with clear skies and warm air temperatures and wind was calm. No difficulties were encountered during the collection of the groundwater samples. However, the sample tube was leaking just below the well seal at MW03, and the bladder pump at MW04 took approximately forty-five minutes to pump the two gallons of sample tube purge water. RUST E&I recommends pulling the sample pump in MW04 prior to the next sampling event and repairing the tubing, and also repairing the sample tubing below the well seal

on MW03.

2.4 Micro Purge Sampling

A pilot study of micro purge sampling techniques was conducted simultaneously with the regularly scheduled quarterly sampling event. Micro purging involves removing a small volume of groundwater from the well at a low flow rate prior to sampling the well. This procedure is intended to replace the need to remove multiple well volumes of water prior to the sampling event. Micro purging may be an effective method of obtaining representative samples of groundwater, without the mixing of stagnant water in the sampling zone, and thus, reducing the amount of purge water that needs to be disposed.

RUST E&I conducted the pilot study of micro purge sampling at MW01 and MW04. The procedure that was incorporated consisted of purging the wells at a low volume flow rate (approximately 0.1 gpm) until the sampling parameters stabilized to within at least 10%. The sampling parameters (pH, specific conductivity, and temperature) were constantly monitored using a QED Purge Saver meter, and results were recorded every half gallon of purge water. This continued until the sampling parameters were relatively stable. Samples were obtained at this time. After micro purging and sampling was complete for each well, the well was than resampled using the conventional sampling techniques as specified in the site specific groundwater monitoring plan.

2.5 Sample Shipment

The groundwater samples were shipped according to chain of custody protocol, via Federal Express overnight delivery service, on November 29, 1994. Three EML AquaPak coolers (AquaPak Nos. 2009, 2076 and 2149) were shipped to WMX Technologies, Inc.'s Environmental Monitoring Laboratories (EML) in Geneva, Illinois, for laboratory analyses. The fourth Aquapak was not needed for sample transportation. The AquaPaks were cooled with "blue ice" and sealed prior to shipment with destructive seals. The EML samples arrived intact at EML on November 30, at temperatures ranging from 2° to 3° C.

3.0 GROUNDWATER ANALYTICAL RESULTS

Groundwater samples were analyzed by EML, according to EPA Method 624. Analyses for xylenes and ketones (acetone, MEK, and MIBK), compounds detected in previous CWMI-Azusa facility soil investigations, were included in the Method 624 analyses. Certified laboratory analytical results are presented in Appendix A.

3.1 Micro Purge Analytical Results

The analytical results of the micro purge samples and the conventional samples are presented in

Table 14. The designation of the micro purge sample for MW01 was DUPMP1. The designation of the micro purge sample for MW04 was DUPMP2. The WMX-EML bottle set numbers for the micro purge samples were as follows:

WELL NUMBER	SAMPLE POINT	BOTTLE SET NUMBER
MW01	DUPMP1	AL2643
MW04	DUPMP2	AL2644

In general, the same analytes detected during micropurging were also detected in the traditional purging techniques analytical results, except for 1,1-dichloroethene, and 1,2-dichloroethane. The analytes detected after the micropurging were lower concentrations than those detected using the traditional purging technique.

3.2 QUALITY CONTROL RESULTS

3.2.1 Duplicate Samples

Primary and duplicate samples (MW03 and DUP) were collected at well MW-03 and analyzed according to Method 624 (see Appendix A). All four of the compounds detected in MW-02's primary sample were also detected in the duplicate sample. The relative percent differences (RPD) for the four analytes ranged between 4% and 7% (see Table 15).

3.2.2 Field Blank

A Field Blank (01FB) was collected at well MW03 and analyzed according to Method 624. No compounds were detected in the Field Blank (see Appendix A).

3.2.3 Travel Blank

The travel blank that accompanied the field blank 01FB (TBK) was analyzed by Method 624. No chemical constituents were detected in the travel blank (see Appendix A).

4.0 DISCUSSION

Upon review of the field parameters, it appears that during micropurging, the pH, specific conductance, and temperature stabilized to within at least 10%. Although, when the wells were pumped at higher flow rates with the electrical pump, the field parameters stabilized at different values. In addition, the micro purge analytical result concentrations were lower than the conventionally purged samples. Because of the minimal time and disposal savings for CWMI, RUST

E&I does not recommend micropurging as the best purging method for this site.

If you have any questions, please do not hesitate to call us at (714) 251-6423.

Sincerely,

RUST ENVIRONMENT & INFRASTRUCTURE, INC.

R. Liles Cobb
Project Manager

Susan F. Goss
California Registered Geologist # 5639

REGISTERED GEOLOGIST
SUSAN F. GOSS
No. 5639
STATE OF CALIFORNIA

Attachments:

Tables
Figures
Appendix A- Laboratory Analytical Results and Chain of Custody Records

TABLES

TABLE 1 GROUNDWATER ELEVATION MEASUREMENTS FOURTH QUARTER 1994

WELL	DATE	MP ELEV.	TIME	DEPTH TO WATER	WATER ELEV.
MW01	10/28/94	529.31	10:50	285.62	243.69
MW01	11/28/94	529.31	09:58	287.13	242.18
MW01	12/23/94	529.31	07:00	288.23	241.08
MW02	10/28/94	525.65	12:00	282.23	243.42
MW02	11/28/94	525.65	10:55	283.02	242.63
MW02	12/23/94	525.65	07:30	284.15	241.50
MW03	10/28/94	519.04	11:40	276.51	242.53
MW03	11/28/94	519.04	10:43	277.00	242.04
MW03	12/23/94	519.04	08:00	278.10	240.94
MW04	10/28/94	520.48	11:05	276.95	243.53
MW04	11/28/94	520.48	10:11	278.48	242.00
MW04	12/23/94	520.48	08:45	279.55	240.93
MW05	10/28/94	519.67	11:20	275.92	243.75
MW05	11/28/94	519.67	10:18	277.56	242.11
MW05	12/23/94	519.67	09:30	278.66	241.01

TABLE 2 PRE-SAMPLING PURGE VOLUME CALCULATIONS					
SAMPLE POINT	TOTAL CASING DEPTH (ft.) (a)	DEPTH-TO-GROUNDWATER (ft.) (b)	VOLUME FACTOR (gal./ft.) (c)	ONE WELL VOLUME [1] (gallons) (d)	THREE WELL VOLUMES [2] (gallons)
MW01	335.0	287.13	1.02	48.8	146.5
MW02	328.0	283.02	1.02	45.9	137.6
MW03	319.5	277.00	1.02	43.4	130.1
MW04	318.0	278.48	1.02	40.3	120.9
MW05	330.0	277.56	1.02	53.5	160.5

[1] ONE "WELL VOLUME" (d) = (a - b) x (c)

[2] THREE "WELL VOLUMES" = 3 X (d)

TABLE 3 PURGE WATER QUANTITIES			
SAMPLE POINT	THREE WELL VOLUMES (gallons)	ACTUAL PURGE VOLUME (gallons)	NO. OF DRUMS OF WASTE GENERATED
MW01	146.4	150	3
MW02	137.6	142	3
MW03	130.1	130	3
MW04	120.9	132	3
MW05	160.5	165	3

TABLE 4 FIELD MEASUREMENTS OF MICRO-PURGED WATER - MW01 November 28, 1994					
Δ VOLUME (gallons)	VOLUME (cumulative)	pH	SPECIFIC CONDUCTIVITY (µmhos/cm)	TEMP. (°C)	TIME
1	1	7.00	668	18.4	12:05
0.5	1.5	7.00	721	18.0	12:08
0.5	2.0	7.00	712	18.0	12:12
0.5	2.5	7.00	707	18.0	12:15
0.5	3.0	7.00	712	18.0	12:19
0.5	3.5	7.00	707	17.9	12:23
0.5	4.0	7.00	708	17.9	12:26
0.5	4.5	7.00	721	17.5	12:30
0.5	5.0	7.00	721	17.5	12:33
0.5	5.5	7.00	716	17.4	12:35

TABLE 5 FIELD MEASUREMENTS OF PURGED WATER - MW01 November 28, 1994					
Δ VOLUME (gallons)	VOLUME (cumulative)	pH	SPECIFIC CONDUCTIVITY (μmhos/cm)	TEMP. (°C)	TIME
1	6	7.00	690	18.7	13:00
25	31	7.00	720	16.2	13:03
25	56	7.00	726	16.1	13:07
25	81	7.00	713	16.0	13:09
25	106	7.00	715	16.0	13:12
25	131	7.36	712	21.0	13:30
19	150	7.37	709	17.0	13:35
1	151	7.29	740	16.7	13:45
1	152	7.34	727	16.2	13:53

TABLE 6 FIELD MEASUREMENTS OF PURGED WATER - MW02 November 29, 1994					
Δ VOLUME (gallons)	VOLUME (cumulative)	pH	SPECIFIC CONDUCTIVITY (µmhos/cm)	TEMP. (°C)	TIME
1	1	7.94	622	20.0	10:57
24	25	7.52	692	17.7	11:00
25	50	7.65	632	16.9	11:03
25	75	7.48	630	16.9	11:06
25	100	7.43	632	16.8	11:10
25	125	7.48	644	16.8	11:12
15	140	7.51	643	16.6	11:14
2	142	7.47	645	17.4	11:39

TABLE 7 FIELD MEASUREMENTS OF PURGED WATER - MW03 November 29, 1994					
Δ VOLUME (gallons)	VOLUME (cumulative)	pH	SPECIFIC CONDUCTIVITY (µmhos/cm)	TEMP. (°C)	TIME
1	1	7.64	574	19.3	12:31
24	25	7.51	571	19.2	12:33
25	50	7.33	603	18.3	12:36
25	75	7.20	632	17.5	12:39
25	100	7.35	639	16.9	12:42
30	130	7.23	638	17.0	12:45
2	132	7.22	635	17.0	13:20

TABLE 14 MICROPURGING ANALYTICAL RESULTS
November 28 and 29, 1994

ANALYTE	DUPMP1	MW01	DUPMP2	MW04
1,1,1-Trichloroethane (µg/l)	<5	<5	15	48
1,1-Dichloroethene (µg/l)	<5	6	18	59
1,1-Dichloroethane(µg/l)	<5	<5	<5	11
Tetrachloroethene(µg/l)	28	36	200	350
Trichloroethene(µg/l)	10	16	56	130

TABLE 15 DUPLCATE ANALYTICAL RESULTS November 28 and 29, 1994			
ANALYTE	MW03	DUP	% RELATIVE DIFFERENCE
1,1,1-Trichloroethane (µg/l)	17	18	6
1,1-Dichloroethene (µg/l)	28	30	7
Tetrachloroethene(µg/l)	140	150	7
Trichloroethene(µg/l)	87	91	4

TABLE 13 SAMPLE COLLECTION ORDER
November 28 and 29, 1994

ORDER	MW01	MW02	MW03 & DUP	MW04	MW05	01FB
1	AL2251-A1	AL2248-A1	AL2245-A1	AL2248-A1	AL2250-A1	AL2246-A1
2	AL2251-A2	AL2248-A2	AL2247-A1	AL2248-A2	AL2250-A2	AL2246-A2
3	AL2251-A3	AL2248-A3	AL2245-A2	AL2248-A3	AL2250-A3	AL2246-A3
4	AL2251-A4	AL2248-A4	AL2247-A2	AL2248-A4	AL2250-A4	AL2246-A4
5			AL2245-A3			
6			AL2247-A3			
7			AL2245-A4			
8			AL2247-A4			

TABLE 11 FIELD INSTRUMENT CALIBRATION RECORD
November 28, 1994

		pH RESULTS							SPEC. COND		
TIME	METER	TEMP (°C)	READ 7	CAL 7	READ 10	CAL 10	READ4	CAL 4	STD (µmho/cm)	READ @ TEMP 1 (µmho/cm)	READ @ TEMP 2 (µmho/cm)
10:30	QED Purge Saver	14.5	7.00	7.00	10.02	10.00	4.01	4.01	1413	1419	1399
14:20	QED Purge Saver	16.0	7.01	--	10.01	--	4.01	--	1413	1392	
17:00	QED Purge Saver	18.0	7.02	--	10.00	--	4.00	--	1413	1412	

TABLE 12 FIELD INSTRUMENT CALIBRATION RECORD
November 29, 1994

		pH RESULTS							SPEC. COND.		
TIME	METER	TEMP (°C)	READ 7	CAL 7	READ 10	CAL 10	READ 4	CAL 4	STD (µmho/cm)	READ @ TEMP 1 (µmho/cm)	READ @ TEMP 2 (µmho/cm)
09:30	QED Purge Saver	16.5	7.00	7.00	10.02	10.00	4.01	4.01	1413	1399	1404
13:40	QED Purge Saver	19.0	7.01	--	10.01	--	4.01	--	1413	1410	

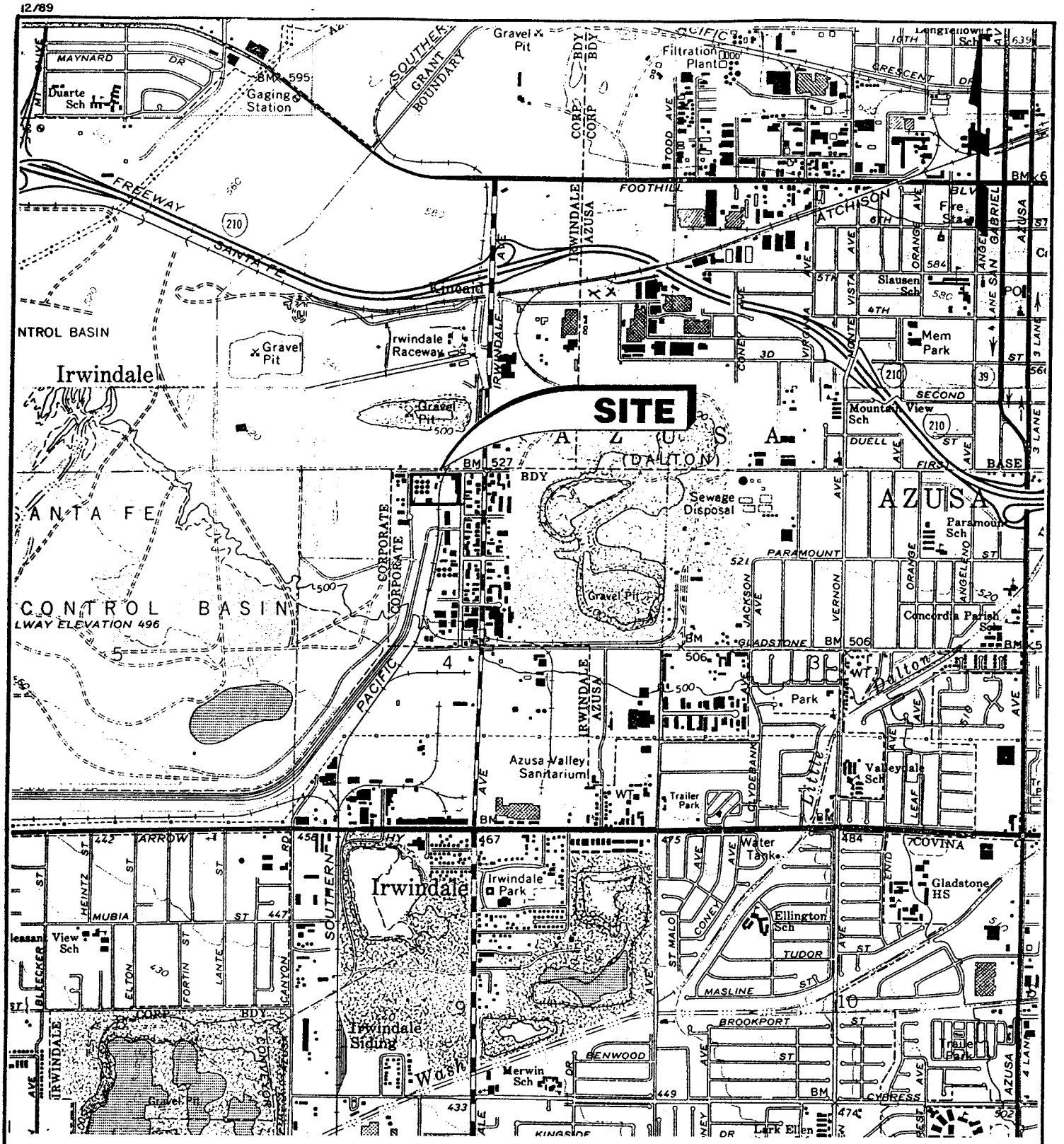
TABLE 10 FIELD MEASUREMENTS OF PURGED WATER - MW05 November 29, 1994					
Δ VOLUME (gallons)	VOLUME (cumulative)	pH	SPECIFIC CONDUCTIVITY (µmhos/cm)	TEMP. (°C)	TIME
1	1	6.91	660	14.4	09:33
24	25	7.33	648	14.6	09:35
25	50	7.47	648	14.6	09:40
25	75	7.40	642	15.4	09:44
25	100	7.37	642	15.7	09:47
25	125	7.67	636	15.5	09:50
25	150	7.55	642	15.6	09:54
15	165	7.32	629	15.9	09:55
2	167	7.52	644	15.9	10:20

TABLE 9 FIELD MEASUREMENTS OF PURGED WATER - MW04 November 28, 1994					
Δ VOLUME (gallons)	VOLUME (cumulative)	pH	SPECIFIC CONDUCTIVITY (µmhos/cm)	TEMP. (°C)	TIME
1	6	7.98	591	16.8	15:55
25	30	7.71	655	16.0	15:59
25	55	7.62	662	15.6	16:04
25	80	7.37	659	15.5	16:07
25	105	7.28	662	15.5	16:11
25	130	7.18	667	15.6	16:15
2	132	7.70	670	15.6	17:00

TABLE 8 FIELD MEASUREMENTS OF MICRO-PURGED WATER - MW04 November 28, 1994					
Δ VOLUME (gallons)	VOLUME (cumulative)	pH	SPECIFIC CONDUCTIVITY (µmhos/cm)	TEMP (°C)	TIME
0.5	0.5	7.28	665	18.9	14:46
0.5	1.0	7.32	665	18.5	14:50
0.5	1.5	7.35	672	18.6	14:55
0.5	2.0	7.38	672	18.4	15:01
0.5	2.5	7.39	665	18.4	15:07
0.5	3.0	7.41	663	18.2	15:12
0.5	3.5	7.42	657	18.2	15:18
0.5	4.0	7.43	657	18.0	15:22
0.5	4.5	7.42	655	18.0	15:26
0.5	5.0	7.42	657	18.0	15:27

FIGURES

12/89



REFERENCE: BASE MAP FROM U.S.G.S. 7.5 MIN. QUAD BALDWIN PARK.

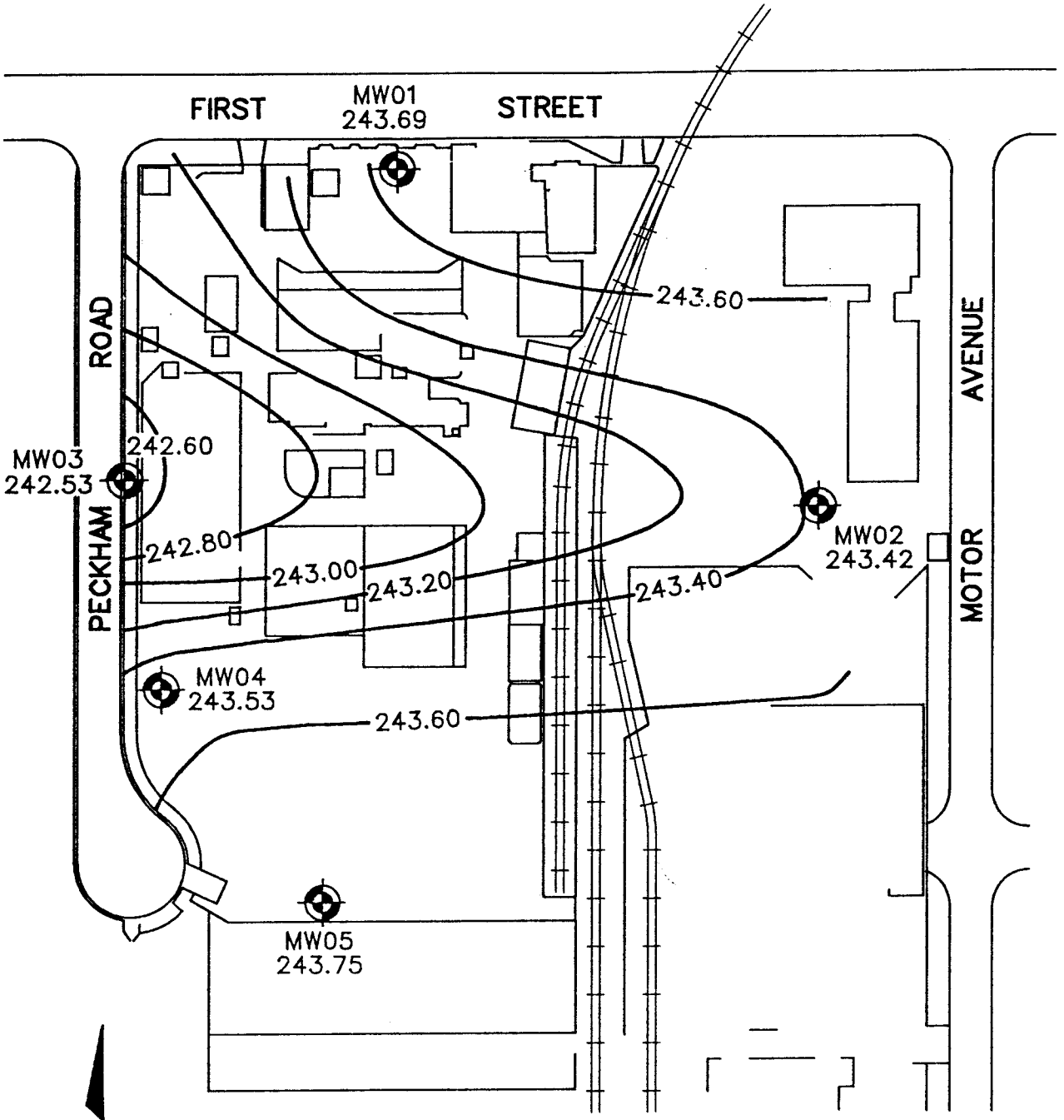
PREPARED BY:

RUST ENVIRONMENT & INFRASTRUCTURE

CWMI-AZUSA
107 SOUTH MOTOR AVENUE
AZUSA, CALIFORNIA 91702

SITE LOCATION MAP

FIGURE 1



LEGEND

261.60 — GROUNDWATER CONTOUR

MW05 — GROUNDWATER MONITORING WELL

249.20 — GROUNDWATER ELEVATION

0 150

SCALE IN FEET

OCTOBER 28, 1994

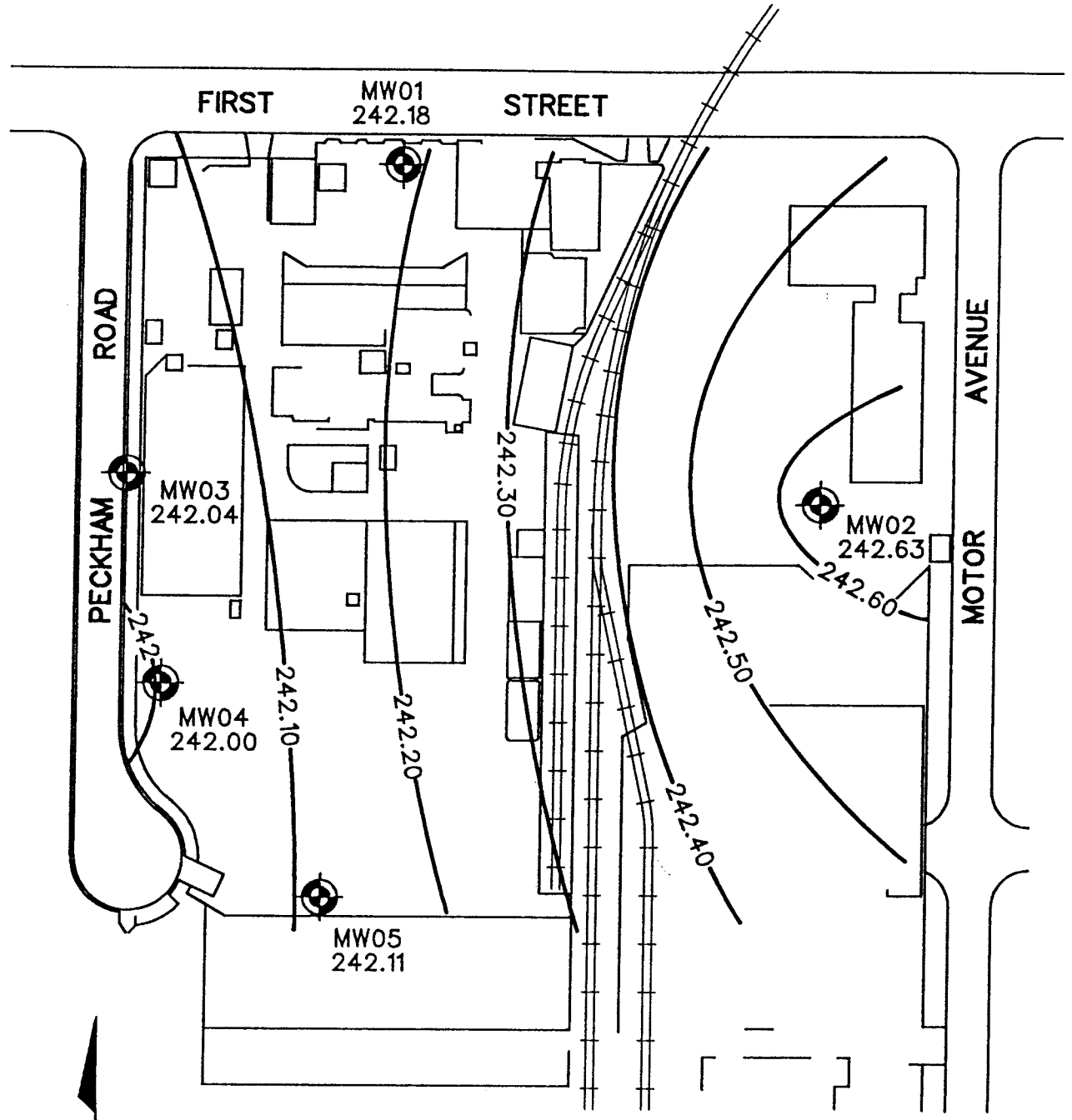
RUST ENVIRONMENT & INFRASTRUCTURE

CHEMICAL WASTE MANAGEMENT, INC.
ASUZA FACILITY

GROUNDWATER ELEVATION CONTOURS
OCTOBER 1994

FIGURE 2

CHEMSITE.DGN



LEGEND

261.60 — GROUNDWATER CONTOUR

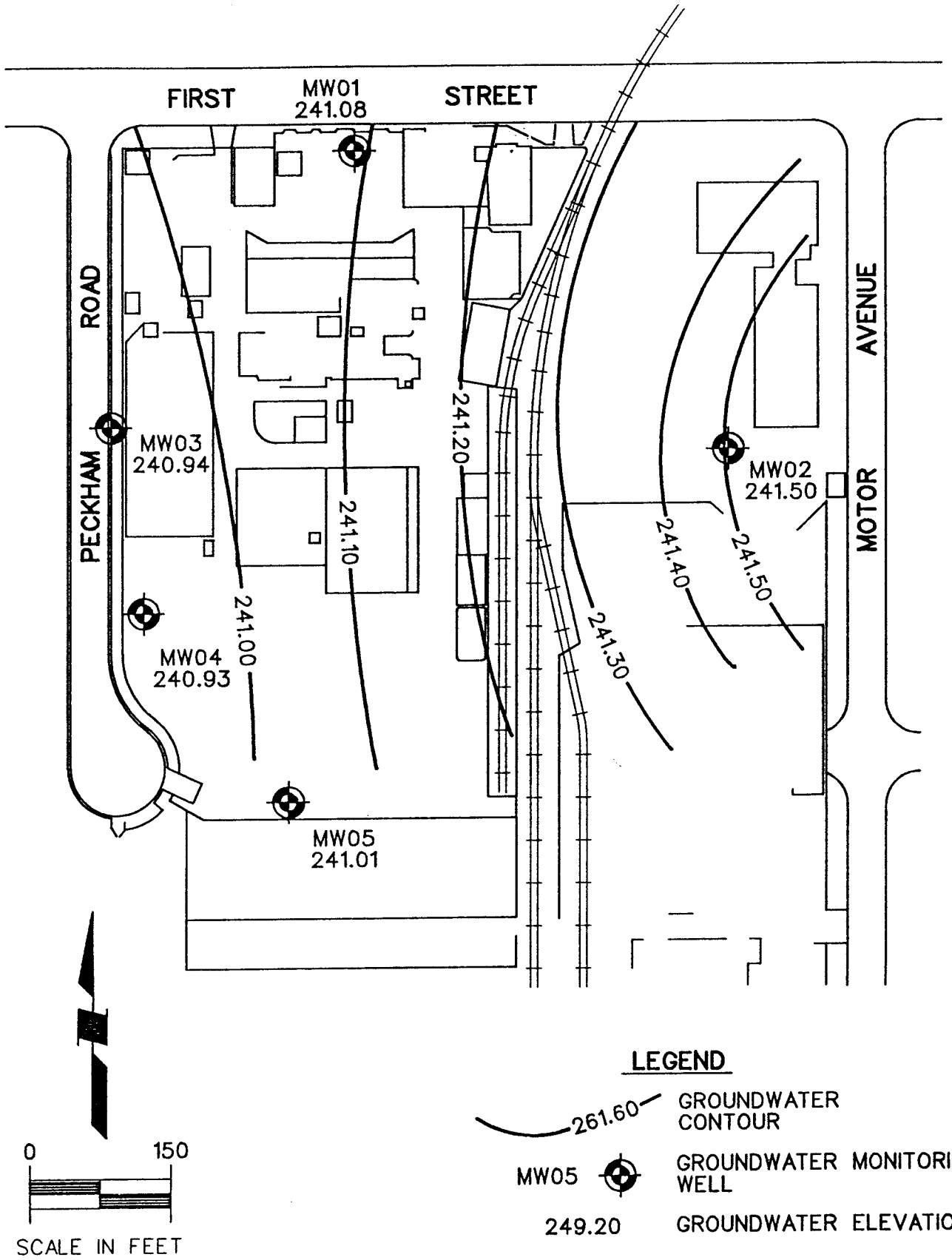
MW05 — GROUNDWATER MONITORING WELL

249.20 — GROUNDWATER ELEVATION

NOVEMBER 28, 1994

RUST ENVIRONMENT & INFRASTRUCTURE	CHEMICAL WASTE MANAGEMENT, INC. ASUZA FACILITY GROUNDWATER ELEVATION CONTOURS NOVEMBER 1994	FIGURE 3

CHEMSITE.DGN



DECEMBER 23, 1994

RUST ENVIRONMENT & INFRASTRUCTURE

CHEMICAL WASTE MANAGEMENT, INC.
ASUZA FACILITY

GROUNDWATER ELEVATION CONTOURS
DECEMBER 1994

FIGURE
4

APPENDIX A

Laboratory Analytical Results
and
Chain of Custody Records

WMX Environmental Monitoring Laboratories, Inc.

Analytical Report Transmittal Memorandum

DEC 1994
RECEIVED
Western Region
Environmental
Mgt. Dept.
C.W.M.I.

Date: December 13, 1994

To: Client(s) - see below

From: Donna Ingersoll

Subject: CWMI-AZUSA 94-14530

Please find enclosed the current Client Report, Field Information Forms, and Field Chain-of-Custody Records for the recently completed event at CWMI-AZUSA.

The data has been thoroughly reviewed and compared to historical data. We have tried to provide a report that is complete and of known and documented quality. Please take a moment to review the enclosed report to ensure it meets your expectations.

If you have any questions, don't hesitate to call Joe Rentz at (708)208-3100.

Report Distribution:

Name	Report Type
Marc Yalom*	ALL

* *Program Manager*

Mail Code: 2

Enclosed are the analytical results for samples received from your facility. The results in the Client Report are for a single ENS (Event Notification System) number only. The sampling event at your facility may include multiple ENS numbers. A separate Client Report will be generated for each one.

It is the goal of WMX Environmental Monitoring Laboratories Inc. to provide analytical data in a timely fashion, formatted in a way that our clients will find most useful.

If you have any questions concerning the form or content of this report, please contact the WMX EML Customer Operations Department:

Main Number (708) 208-3100
FAX Number (708) 208-1175

Note: Two designations may appear in the results column of your Client Report: NA or ND.

The designation NA (for "Not Analyzed") is used to identify analytes which were requested in the monitoring program, but for which no suitable testing methodology exists. NA may also indicate a dry well, broken sample bottle, insufficient sample volume, or other condition which precludes analysis for a sample.

The designation ND (for "Not Detected") is used to indicate that the analyte of interest was not found at or above the concentration listed under the EMLRL (EML Reporting Limit) heading.

Unless otherwise indicated, all analytes meet the requirements of holding time as specified in the method.

Deborah C. Hockman, Ph.D.

Deborah C. Hockman, Ph.D.
President
WMX Environmental Monitoring Laboratories, Inc.

DATA QUALIFIER COMMENT CODE DEFINITIONS

AR: Acid surrogate recoveries did not meet the acceptance criteria of the method. Oxidative degradation due to sample matrix is suggested.

BB: Broken bottle.

BL: The method blank concentrations associated with this analyte did not meet the acceptance criteria of the method.

CX: The concentration of this compound exceeded the calibration used for this analysis. The concentration reported is estimated.

CU: Co-elution with another compound interferes with the quantitation of this compound. The concentration reported is estimated.

DL: The sample was diluted during analysis. Reporting limits have been adjusted where necessary.

DP: Aliquots or spiked aliquots of this sample were analyzed in duplicate. The relative percent difference between the two results did not meet the acceptance criteria of the method.

DW: Dry Well.

HS: Headspace in sample exceeded laboratory control limit. The reported results of the analysis may be less than actual value.

IS: The internal standard recoveries associated with this analysis did not meet the acceptance criteria of the method.

IV: The bottle did not contain enough sample to perform the analysis.

MP: 3-methylphenol and 4-methylphenol co-elute under the analytical conditions of the method, and cannot be differentiated solely on the basis of their mass spectra. The concentrations reported may be either or both isomers.

MX: This sample was used as a matrix spike. The percent recovery did not meet the acceptance criteria of the method. The analysis of a quality control standard showed the analytical system was in control. The result reported may therefore be affected by matrix interferences.

NN: N-nitrosodiphenylamine cannot be distinguished from diphenylamine using gas chromatography. The concentrations reported may be either or both compounds.

NQ: No standard qualifier code is in use for this qualification. See the associated comment.

NS: There was not enough sample to repeat this analysis.

P: (Wisconsin only) Concentration found between the method detection limit and the reporting limit indicates the presence of a compound.

PL: This result may be a product of contamination from phthalate plasticizers, which are a common lab contaminant.

PX: This sample required preservation in the field to a pH of less than 2. The pH was checked before analysis and did not have a pH of less than 2.

PY: This sample required preservation in the field to a pH of 4 to 5. The pH was checked before analysis and did not have a pH of 4 to 5.

PZ: This sample required preservation in the field to a pH of 12 or greater. The pH was checked before analysis and did not have a pH of 12 or greater.

QX: This sample was used as a matrix spike. The percent recovery did not meet the acceptance criteria of the method. The analysis of a quality control standard showed the analytical system was out-of-control. The analytical result for this parameter in the unspiked sample is suspect and may not be reported for regulatory compliance purposes.

SB: The analysis of this sample was performed by an approved subcontract laboratory.

ST: This compound is not stable in acidic water.

SU: The analysis of the surrogate with this sample did not meet the acceptance criteria of the method.

TX: The analysis for this parameter was conducted after the holding time specified in the method.

UN: This compound is not stable under the conditions of the analysis.

WMX - Environmental Monitoring Laboratories, Inc. - Data Qualifier Report ENS #: 94-14530

Sample Point	EML Method	Analyte	Comment Code	Dilution Factor	Additional Comment
MW01	VOMSAAO322	2-CHLOROETHYLVINYL ETHER	ST		
MW05	VOMSAAO322	EVERY ANALYTE FOR THIS METHOD	DL	2.000	
MW05	VOMSAAO322	2-CHLOROETHYLVINYL ETHER	ST		
MW02	VOMSAAO322	EVERY ANALYTE FOR THIS METHOD	DL	2.000	
MW02	VOMSAAO322	2-CHLOROETHYLVINYL ETHER	ST		
MW04	VOMSAAO322	EVERY ANALYTE FOR THIS METHOD	DL	1.670	
MW04	VOMSAAO322	2-CHLOROETHYLVINYL ETHER	ST		
DUP	VOMSAAO322	2-CHLOROETHYLVINYL ETHER	ST		
01FB	VOMSAAO322	2-CHLOROETHYLVINYL ETHER	ST		
01FB	FDPHSING01	PH FIELD	NQ		NOT APPLICABLE
MW03	VOMSAAO322	2-CHLOROETHYLVINYL ETHER	ST		
					** End of Comments **

WMX - Environmental Monitoring Laboratories, Inc. - Data Qualifier Report ENS #: 94-14530

Sample Point	Sample ID	EML Method	Comment Code	Dilution Factor	Additional Comment
					NO SAMPLE LEVEL COMMENTS

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - CWMI-AZUSA
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: 01FB
Sample Type: WELL
Sample Number: AL2246

ENS: 94-14530
MP: 562941
REV: 00

Sampled: 29-NOV-1994
Received: 30-NOV-1994
Reported: 13-DEC-1994

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	NA		FT		FDWDTWTC01
GROUNDWATER ELEV.	NA		FT MSL		FDWGWELWDT
PH FIELD	NA		PH UNITS	NQ	FDPHSING01
SPECIFIC CONDUCTANCE FIELD	NA		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEG. CELSIUS FIELD	NA		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	NA		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		VOMSAA0322
1,1,1-TRICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1,2,2-TETRACHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1,2-TRICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1-DICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1-DICHLOROETHENE	ND	5	UG/L		VOMSAA0322
1,2-DICHLOROBENZENE	ND	10.	UG/L		VOMSAA0322
1,2-DICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,2-DICHLOROPROPANE	ND	5	UG/L		VOMSAA0322
1,3-DICHLOROBENZENE	ND	10.	UG/L		VOMSAA0322
1,4-DICHLOROBENZENE	ND	10.	UG/L		VOMSAA0322
2-BUTANONE	ND	50.	UG/L		VOMSAA0322
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	VOMSAA0322
4-METHYL-2-PENTANONE	ND	10.	UG/L		VOMSAA0322
ACETONE	ND	34	UG/L		VOMSAA0322
BENZENE	ND	5	UG/L		VOMSAA0322
BROMODICHLOROMETHANE	ND	5	UG/L		VOMSAA0322
BROMOFORM	ND	5	UG/L		VOMSAA0322
BROMOMETHANE	ND	10.	UG/L		VOMSAA0322
CARBON TETRACHLORIDE	ND	5	UG/L		VOMSAA0322
CHLOROBENZENE	ND	5	UG/L		VOMSAA0322
CHLOROETHANE	ND	10.	UG/L		VOMSAA0322
CHLOROFORM	ND	5	UG/L		VOMSAA0322
CHLOROMETHANE	ND	10.	UG/L		VOMSAA0322
CIS-1,3-DICHLOROPROPENE	ND	5	UG/L		VOMSAA0322
DIBROMOCHLOROMETHANE	ND	5	UG/L		VOMSAA0322
ETHYLBENZENE	ND	5	UG/L		VOMSAA0322
METHYLENE CHLORIDE	ND	5	UG/L		VOMSAA0322
O-XYLENE	ND	10.	UG/L		VOMSAA0322
TETRACHLOROETHENE	ND	5	UG/L		VOMSAA0322
TOLUENE	ND	5	UG/L		VOMSAA0322
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		VOMSAA0322
TRANS-1,3-DICHLOROPROPENE	ND	5	UG/L		VOMSAA0322
TRICHLOROETHENE	ND	5	UG/L		VOMSAA0322
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		VOMSAA0322
VINYL CHLORIDE	ND	10.	UG/L		VOMSAA0322

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Item	Additional Comment Explanations (NQ/DL)
PH FIELD	NOT APPLICABLE

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - CWMI-AZUSA
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: DUP
Sample Type: WELL
Sample Number: AL2247

ENS: 94-14530
MP: 562941
REV: 00

Sampled: 29-NOV-1994
Received: 30-NOV-1994
Reported: 13-DEC-1994

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	277.00		FT		FDWDTWTC01
GROUNDWATER ELEV.	242.05		FT MSL		FDWGWELWDT
PH FIELD	7.22		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	635		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEG. CELSIUS FIELD	17.0		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	319.5		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		VOMSAA0322
1,1,1-TRICHLOROETHANE	18	5	UG/L		VOMSAA0322
1,1,2,2-TETRACHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1,2-TRICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1-DICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1-DICHLOROETHENE	30.	5	UG/L		VOMSAA0322
1,2-DICHLOROBENZENE	ND	10.	UG/L		VOMSAA0322
1,2-DICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,2-DICHLOROPROPANE	ND	5	UG/L		VOMSAA0322
1,3-DICHLOROBENZENE	ND	10.	UG/L		VOMSAA0322
1,4-DICHLOROBENZENE	ND	10.	UG/L		VOMSAA0322
2-BUTANONE	ND	50.	UG/L		VOMSAA0322
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	VOMSAA0322
4-METHYL-2-PENTANONE	ND	10.	UG/L		VOMSAA0322
ACETONE	ND	34	UG/L		VOMSAA0322
BENZENE	ND	5	UG/L		VOMSAA0322
BROMODICHLOROMETHANE	ND	5	UG/L		VOMSAA0322
BROMOFORM	ND	5	UG/L		VOMSAA0322
BROMOMETHANE	ND	10.	UG/L		VOMSAA0322
CARBON TETRACHLORIDE	ND	5	UG/L		VOMSAA0322
CHLOROBENZENE	ND	5	UG/L		VOMSAA0322
CHLOROETHANE	ND	10.	UG/L		VOMSAA0322
CHLOROFORM	ND	5	UG/L		VOMSAA0322
CHLOROMETHANE	ND	10.	UG/L		VOMSAA0322
CIS-1,3-DICHLOROPROPENE	ND	5	UG/L		VOMSAA0322
DIBROMOCHLOROMETHANE	ND	5	UG/L		VOMSAA0322
ETHYLBENZENE	ND	5	UG/L		VOMSAA0322
METHYLENE CHLORIDE	ND	5	UG/L		VOMSAA0322
O-XYLENE	ND	10.	UG/L		VOMSAA0322
TETRACHLOROETHENE	150	5	UG/L		VOMSAA0322
TOLUENE	ND	5	UG/L		VOMSAA0322
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		VOMSAA0322
TRANS-1,3-DICHLOROPROPENE	ND	5	UG/L		VOMSAA0322
TRICHLOROETHENE	91	5	UG/L		VOMSAA0322
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		VOMSAA0322
VINYL CHLORIDE	ND	10.	UG/L		VOMSAA0322

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 — CWMI-AZUSA
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW01
Sample Type: WELL
Sample Number: AL2251

ENS: 94-14530
MP: 562941
REV: 00

Sampled: 28-NOV-1994
Received: 30-NOV-1994
Reported: 13-DEC-1994

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	287.13		FT		FDWDTWTC01
GROUNDWATER ELEV.	242.20		FT MSL		FDWGWELWDT
PH FIELD	7.34		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	727		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEG. CELSIUS FIELD	16.2		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	335.0		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		VOMSAA0322
1,1,1-TRICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1,2,2-TETRACHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1,2-TRICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1-DICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1-DICHLOROETHENE	6	5	UG/L		VOMSAA0322
1,2-DICHLOROBENZENE	ND	10.	UG/L		VOMSAA0322
1,2-DICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,2-DICHLOROPROPANE	ND	5	UG/L		VOMSAA0322
1,3-DICHLOROBENZENE	ND	10.	UG/L		VOMSAA0322
1,4-DICHLOROBENZENE	ND	10.	UG/L		VOMSAA0322
2-BUTANONE	ND	50.	UG/L		VOMSAA0322
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	VOMSAA0322
4-METHYL-2-PENTANONE	ND	10.	UG/L		VOMSAA0322
ACETONE	ND	34	UG/L		VOMSAA0322
BENZENE	ND	5	UG/L		VOMSAA0322
BROMODICHLOROMETHANE	ND	5	UG/L		VOMSAA0322
BROMOFORM	ND	5	UG/L		VOMSAA0322
BROMOMETHANE	ND	10.	UG/L		VOMSAA0322
CARBON TETRACHLORIDE	ND	5	UG/L		VOMSAA0322
CHLOROBENZENE	ND	5	UG/L		VOMSAA0322
CHLOROETHANE	ND	10.	UG/L		VOMSAA0322
CHLOROFORM	ND	5	UG/L		VOMSAA0322
CHLOROMETHANE	ND	10.	UG/L		VOMSAA0322
CIS-1,3-DICHLOROPROPENE	ND	5	UG/L		VOMSAA0322
DIBROMOCHLOROMETHANE	ND	5	UG/L		VOMSAA0322
ETHYLBENZENE	ND	5	UG/L		VOMSAA0322
METHYLENE CHLORIDE	ND	5	UG/L		VOMSAA0322
O-XYLENE	ND	10.	UG/L		VOMSAA0322
TETRACHLOROETHENE	36	5	UG/L		VOMSAA0322
TOLUENE	ND	5	UG/L		VOMSAA0322
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		VOMSAA0322
TRANS-1,3-DICHLOROPROPENE	ND	5	UG/L		VOMSAA0322
TRICHLOROETHENE	16	5	UG/L		VOMSAA0322
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		VOMSAA0322
VINYL CHLORIDE	ND	10.	UG/L		VOMSAA0322

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - CWMI-AZUSA
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW02
Sample Type: WELL
Sample Number: AL2249

ENS: 94-14530
MP: 562941
REV: 00

Sampled: 29-NOV-1994
Received: 30-NOV-1994
Reported: 13-DEC-1994

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	283.02		FT		FDWDTWTC01
GROUNDWATER ELEV.	242.63		FT MSL		FDWGWELWDT
PH FIELD	7.47		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	645		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEG. CELSIUS FIELD	17.4		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	328		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		VOMSAAO322
1,1,1-TRICHLOROETHANE	33	6	UG/L		VOMSAAO322
1,1,2,2-TETRACHLOROETHANE	ND	10.	UG/L		VOMSAAO322
1,1,2-TRICHLOROETHANE	ND	6	UG/L		VOMSAAO322
1,1-DICHLOROETHANE	ND	10.	UG/L		VOMSAAO322
1,1-DICHLOROETHENE	49	10.	UG/L		VOMSAAO322
1,2-DICHLOROBENZENE	ND	10.	UG/L		VOMSAAO322
1,2-DICHLOROETHANE	ND	5	UG/L		VOMSAAO322
1,2-DICHLOROPROPANE	ND	5	UG/L		VOMSAAO322
1,3-DICHLOROBENZENE	ND	10.	UG/L		VOMSAAO322
1,4-DICHLOROBENZENE	ND	10.	UG/L		VOMSAAO322
2-BUTANONE	ND	100	UG/L		VOMSAAO322
2-CHLOROETHYLVINYL ETHER	ND	40.	UG/L	ST	VOMSAAO322
4-METHYL-2-PENTANONE	ND	19	UG/L		VOMSAAO322
ACETONE	ND	68	UG/L		VOMSAAO322
BENZENE	ND	5	UG/L		VOMSAAO322
BROMODICHLOROMETHANE	ND	5	UG/L		VOMSAAO322
BROMOFORM	ND	6	UG/L		VOMSAAO322
BROMOMETHANE	ND	10.	UG/L		VOMSAAO322
CARBON TETRACHLORIDE	ND	6	UG/L		VOMSAAO322
CHLOROBENZENE	ND	5	UG/L		VOMSAAO322
CHLOROETHANE	ND	11	UG/L		VOMSAAO322
CHLOROFORM	ND	5	UG/L		VOMSAAO322
CHLOROMETHANE	ND	13	UG/L		VOMSAAO322
CIS-1,3-DICHLOROPROPENE	ND	6	UG/L		VOMSAAO322
DIBROMOCHLOROMETHANE	ND	5	UG/L		VOMSAAO322
ETHYLBENZENE	ND	7	UG/L		VOMSAAO322
METHYLENE CHLORIDE	ND	9	UG/L		VOMSAAO322
O-XYLENE	ND	10.	UG/L		VOMSAAO322
TETRACHLOROETHENE	410	6	UG/L		VOMSAAO322
TOLUENE	ND	5	UG/L		VOMSAAO322
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		VOMSAAO322
TRANS-1,3-DICHLOROPROPENE	ND	6	UG/L		VOMSAAO322
TRICHLOROETHENE	170	5	UG/L		VOMSAAO322
TRICHLOROFLUOROMETHANE	ND	11	UG/L		VOMSAAO322
VINYL CHLORIDE	ND	13	UG/L		VOMSAAO322

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Item	Additional Comment Explanations (NQ/DL)
VOMSAAO322	Dilution factor 2.000 applied.

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - CWMI-AZUSA
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW03
Sample Type: WELL
Sample Number: AL2245

ENS: 94-14530
MP: 562941
REV: 00

Sampled: 29-NOV-1994
Received: 30-NOV-1994
Reported: 13-DEC-1994

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	277.00		FT		FDWDTWTC01
GROUNDWATER ELEV.	242.05		FT MSL		FDWGWELWDT
PH FIELD	7.22		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	635		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEG. CELSIUS FIELD	17.0		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	319.5		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		VOMSAA0322
1,1,1-TRICHLOROETHANE	17	5	UG/L		VOMSAA0322
1,1,2,2-TETRACHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1,2-TRICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1-DICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1-DICHLOROETHENE	28	5	UG/L		VOMSAA0322
1,2-DICHLOROBENZENE	ND	10.	UG/L		VOMSAA0322
1,2-DICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,2-DICHLOROPROPANE	ND	5	UG/L		VOMSAA0322
1,3-DICHLOROBENZENE	ND	10.	UG/L		VOMSAA0322
1,4-DICHLOROBENZENE	ND	10.	UG/L		VOMSAA0322
2-BUTANONE	ND	50.	UG/L		VOMSAA0322
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	VOMSAA0322
4-METHYL-2-PENTANONE	ND	10.	UG/L		VOMSAA0322
ACETONE	ND	34	UG/L		VOMSAA0322
BENZENE	ND	5	UG/L		VOMSAA0322
BROMODICHLOROMETHANE	ND	5	UG/L		VOMSAA0322
BROMOFORM	ND	5	UG/L		VOMSAA0322
BROMOMETHANE	ND	10.	UG/L		VOMSAA0322
CARBON TETRACHLORIDE	ND	5	UG/L		VOMSAA0322
CHLOROBENZENE	ND	5	UG/L		VOMSAA0322
CHLOROETHANE	ND	10.	UG/L		VOMSAA0322
CHLOROFORM	ND	5	UG/L		VOMSAA0322
CHLOROMETHANE	ND	10.	UG/L		VOMSAA0322
CIS-1,3-DICHLOROPROPENE	ND	5	UG/L		VOMSAA0322
DIBROMOCHLOROMETHANE	ND	5	UG/L		VOMSAA0322
ETHYLBENZENE	ND	5	UG/L		VOMSAA0322
METHYLENE CHLORIDE	ND	5	UG/L		VOMSAA0322
O-XYLENE	ND	10.	UG/L		VOMSAA0322
TETRACHLOROETHENE	140	5	UG/L		VOMSAA0322
TOLUENE	ND	5	UG/L		VOMSAA0322
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		VOMSAA0322
TRANS-1,3-DICHLOROPROPENE	ND	5	UG/L		VOMSAA0322
TRICHLOROETHENE	87	5	UG/L		VOMSAA0322
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		VOMSAA0322
VINYL CHLORIDE	ND	10.	UG/L		VOMSAA0322

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - CWMI-AZUSA
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW04
Sample Type: WELL
Sample Number: AL2248

ENS: 94-14530
MP: 562941
REV: 00

Sampled: 28-NOV-1994
Received: 30-NOV-1994
Reported: 13-DEC-1994

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	278.48		FT		FDWDTWTC01
GROUNDWATER ELEV.	242.0		FT MSL		FDWGWELWDT
PH FIELD	7.70		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	670		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEG. CELSIUS FIELD	15.6		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	318		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		VOMSAA0322
1,1,1-TRICHLOROETHANE	48	5	UG/L		VOMSAA0322
1,1,2,2-TETRACHLOROETHANE	ND	8	UG/L		VOMSAA0322
1,1,2-TRICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1-DICHLOROETHANE	ND	8	UG/L		VOMSAA0322
1,1-DICHLOROETHENE	59	8	UG/L		VOMSAA0322
1,2-DICHLOROBENZENE	ND	10.	UG/L		VOMSAA0322
1,2-DICHLOROETHANE	11	5	UG/L		VOMSAA0322
1,2-DICHLOROPROPANE	ND	5	UG/L		VOMSAA0322
1,3-DICHLOROBENZENE	ND	10.	UG/L		VOMSAA0322
1,4-DICHLOROBENZENE	ND	10.	UG/L		VOMSAA0322
2-BUTANONE	ND	84	UG/L		VOMSAA0322
2-CHLOROETHYLVINYL ETHER	ND	33	UG/L	ST	VOMSAA0322
4-METHYL-2-PENTANONE	ND	16	UG/L		VOMSAA0322
ACETONE	ND	57	UG/L		VOMSAA0322
BENZENE	ND	5	UG/L		VOMSAA0322
BROMODICHLOROMETHANE	ND	5	UG/L		VOMSAA0322
BROMOFORM	ND	5	UG/L		VOMSAA0322
BROMOMETHANE	ND	10.	UG/L		VOMSAA0322
CARBON TETRACHLORIDE	ND	5	UG/L		VOMSAA0322
CHLOROBENZENE	ND	5	UG/L		VOMSAA0322
CHLOROETHANE	ND	10.	UG/L		VOMSAA0322
CHLOROFORM	ND	5	UG/L		VOMSAA0322
CHLOROMETHANE	ND	11	UG/L		VOMSAA0322
CIS-1,3-DICHLOROPROPENE	ND	5	UG/L		VOMSAA0322
DIBROMOCHLOROMETHANE	ND	5	UG/L		VOMSAA0322
ETHYLBENZENE	ND	6	UG/L		VOMSAA0322
METHYLENE CHLORIDE	ND	7	UG/L		VOMSAA0322
O-XYLENE	ND	10.	UG/L		VOMSAA0322
TETRACHLOROETHENE	350	5	UG/L		VOMSAA0322
TOLUENE	ND	5	UG/L		VOMSAA0322
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		VOMSAA0322
TRANS-1,3-DICHLOROPROPENE	ND	5	UG/L		VOMSAA0322
TRICHLOROETHENE	130	5	UG/L		VOMSAA0322
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		VOMSAA0322
VINYL CHLORIDE	ND	11	UG/L		VOMSAA0322

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Item	Additional Comment Explanations (NQ/DL)
VOMSAA0322	Dilution factor 1.670 applied.

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - CWMI-AZUSA
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW05
Sample Type: WELL
Sample Number: AL2250

ENS: 94-14530
MP: 562941
REV: 00

Sampled: 29-NOV-1994
Received: 30-NOV-1994
Reported: 13-DEC-1994

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	277		FT		FDWDTWTC01
GROUNDWATER ELEV.	242.11		FT MSL		FDWGWELWDT
PH FIELD	7.52		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	644		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEG. CELSIUS FIELD	15.9		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	330.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		VOMSAAO322
1,1,1-TRICHLOROETHANE	39	6	UG/L		VOMSAAO322
1,1,2,2-TETRACHLOROETHANE	ND	10.	UG/L		VOMSAAO322
1,1,2-TRICHLOROETHANE	ND	6	UG/L		VOMSAAO322
1,1-DICHLOROETHANE	ND	10.	UG/L		VOMSAAO322
1,1-DICHLOROETHENE	61	10.	UG/L		VOMSAAO322
1,2-DICHLOROBENZENE	ND	10.	UG/L		VOMSAAO322
1,2-DICHLOROETHANE	6	5	UG/L		VOMSAAO322
1,2-DICHLOROPROPANE	ND	5	UG/L		VOMSAAO322
1,3-DICHLOROBENZENE	ND	10.	UG/L		VOMSAAO322
1,4-DICHLOROBENZENE	ND	10.	UG/L		VOMSAAO322
2-BUTANONE	ND	100	UG/L		VOMSAAO322
2-CHLOROETHYLVINYL ETHER	ND	40.	UG/L	ST	VOMSAAO322
4-METHYL-2-PENTANONE	ND	19	UG/L		VOMSAAO322
ACETONE	ND	68	UG/L		VOMSAAO322
BENZENE	ND	5	UG/L		VOMSAAO322
BROMODICHLOROMETHANE	ND	5	UG/L		VOMSAAO322
BROMOFORM	ND	6	UG/L		VOMSAAO322
BROMOMETHANE	ND	10.	UG/L		VOMSAAO322
CARBON TETRACHLORIDE	ND	6	UG/L		VOMSAAO322
CHLOROBENZENE	ND	5	UG/L		VOMSAAO322
CHLOROETHANE	ND	11	UG/L		VOMSAAO322
CHLOROFORM	ND	5	UG/L		VOMSAAO322
CHLOROMETHANE	ND	13	UG/L		VOMSAAO322
CIS-1,3-DICHLOROPROPENE	ND	6	UG/L		VOMSAAO322
DIBROMOCHLOROMETHANE	ND	5	UG/L		VOMSAAO322
ETHYLBENZENE	ND	7	UG/L		VOMSAAO322
METHYLENE CHLORIDE	ND	9	UG/L		VOMSAAO322
O-XYLENE	ND	10.	UG/L		VOMSAAO322
TETRACHLOROETHENE	450	6	UG/L		VOMSAAO322
TOLUENE	ND	5	UG/L		VOMSAAO322
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		VOMSAAO322
TRANS-1,3-DICHLOROPROPENE	ND	6	UG/L		VOMSAAO322
TRICHLOROETHENE	130	5	UG/L		VOMSAAO322
TRICHLOROFLUOROMETHANE	ND	11	UG/L		VOMSAAO322
VINYL CHLORIDE	ND	13	UG/L		VOMSAAO322

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Item	Additional Comment Explanations (NQ/DL)
VOMSAAO322	Dilution factor 2.000 applied.

Subcontract To:

WMX Environmental Monitoring Laboratories, Inc.

FIELD CHAIN-OF-CUSTODY RECORD

AquaPak™ PREP
AquaPak™ # 2009
Date Sealed 94/11/17 (YY / MM / DD)
Seal # 80030
By:

SITE/FACILITY # 562 SITE NAME: CWMI-AZUSA

Sample Point: W01FB (Source Code)

BAR CODE

SAMPLE DATE: 94/11/29 (YY / MM / DD)

SAMPLE TIME: 13:40 (2400 HR.)

MATRIX CODE: W

Water (W) Soil (S) Leachate (C) Other (X)

Source Codes:
Well (W) Dewatering/Pressure Relief (D) Surface Water Impoundment (I) Leachate System (C) Gas Condensate (M) Air (A) Pretreatment Facility (P) Influent (U) Effluent (T) River/Stream/Brook (R) Lake or Ocean (L) Outfall (O) Soil (S) Bottom Sediment (B) Noise (N) Generation Pt. (G) Other (X) Specify

ENS # *94-14530

AquaPak™ CONTENT

SAMPLE I.D.	# OF BOTTLES	BOTTLE TYPE	PRESERVATIVE TYPE	ANALYTES/LAB GROUPS	FILTER Y—N	FIELD COMMENTS	E.M.L. COMMENTS
AL2246-A	04	G	HCL 4C	VOMSAA0322	Y (N)	EML	
~~AL2246-B~~	~~01~~	~~G~~	~~HCL 4C~~	~~VOMSAA0322~~	~~Y N~~	~~EML~~	~~TBR~~
					Y N	✓ (MWCC)	11-17-94
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		

CHAIN OF CUSTODY CHRONICLE

1. AquaPak™ Opened By: (print) R. Liles Cobb Date: 11/27/94 Time: 16:00 (2400 HR.)
Signature: R. Liles Cobb Seal #: 80030 Intact: yes

I have received these materials in good condition from the above person.

2. Name: Signature:
Date: / / Time: : (2400 HR.) Remarks:

I have received these materials in good condition from the above person.

3. Name: Signature:
Date: / / Time: : (2400 HR.) Remarks:

4. AquaPak™/Sub Contr. # 2076 Sealed By: R. Liles Cobb (Print) Date: 11/29/94 Time: 17:00 (2400 HR.)
Signature: R. Liles Cobb Seal #: 80572 Intact: yes

LAB USE ONLY
Opened By: (Signature) Date: 11/30/94 Time: 10:32 (2400 HR.)

EML FF-1A 12/92

WMX Environmental Monitoring Laboratories, Inc.

Site # 562

Bottle Set: AL22 46

Sample Point: W 01 FB (Source Code)

FIELD INFORMATION FORM

PURGING INFORMATION

PURGE DATE (YY MM DD)	START PURGE (2400 Hr Clock)	ELAPSED HRS	WATER VOL. IN CASING (Gallons)	ACTUAL VOLUME PURGED (Gallons)

PURGING AND SAMPLING EQUIPMENT

Purging Equipment . . . . . Dedicated | Y | | N | (circle one) Sampling Equipment . . . . . Dedicated | Y | | N | (circle one)

Purging Device		A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- PURGING OTHER (SPECIFY)
Sampling Device		B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	
Purging Material		A-Teflon	C-Polypropylene	E-Polyethylene	X- PURGING OTHER (SPECIFY)
Sampling Material		B-Stainless Steel	D-PVC		X- SAMPLING OTHER (SPECIFY)
Tubing-Purging		A-Teflon	D-Polypropylene	F-Silicon	X- PURGING OTHER (SPECIFY)
Tubing-Sampling		B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X- SAMPLING OTHER (SPECIFY)
		C-Rope X- (SPECIFY)			
Filtering Devices 0.45 μ:		A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	(ft/msl)	Land Surface Elevation	(ft/msl)
Depth to water From top of well casing	(ft)	Depth to water From land surface	(ft)
Groundwater Elevation	(ft/msl)	Groundwater Elevation	(ft/msl)
Well Depth	(ft)	Stickup	(ft)

	ph		spec. cond.		
1st	(STD)	1st	μm/cm at 25° C	Sample Temp.	(° C)
2nd	(STD)	2nd	μm/cm at 25° C	(other parameter)	value / units
3rd	(STD)	3rd	μm/cm at 25° C	(other parameter)	value / units
4th	(STD)	4th	μm/cm at 25° C	(other parameter)	value / units

FIELD COMMENTS

Sample Appearance: _____ (if applicable) Odor: _____ Color: _____ Turbidity: _____

Weather Conditions: Wind Speed _____ Direction _____ Precipitation Y/N Outlook _____

Specific Comments: _____

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

11/29/94 (Date) R. L. [illegible] (Signature) Employer: RMST E&T

Subcontract To: _____

WMX Environmental Monitoring Laboratories, Inc.

FIELD CHAIN-OF-CUSTODY RECORD

AquaPak™ PREP
AquaPak™ # 2009
Date Sealed 94 / 11 / 17 (YY / MM / DD)
Seal # 80630
By: [signature]

SITE/FACILITY # 562 SITE NAME: CWMI-AZUSA

Sample Point: WDUP (Source Code)

SAMPLE DATE: 94 / 11 / 29 (YY / MM / DD)

SAMPLE TIME: 13:50 (2400 HR.)

MATRIX CODE: W

Water (W) Soil (S) Leachate (C) Other (X)

Source Codes:
Well (W) Dewatering/Pressure Relief (D) Surface Water Impoundment (I) Leachate System (C) Gas Condensate (M) Air (A) Pretreatment Facility (P) Influent (U) Effluent (T) River/Stream/Brook (R) Lake or Ocean (L) Outfall (O) Soil (S) Bottom Sediment (B) Noise (N) Generation Pt. (G) Other (X) Specify _____

ENS # *94-14530

AquaPak™ CONTENT

SAMPLE I.D.	# OF BOTTLES	BOTTLE TYPE	PRESERVATIVE TYPE	ANALYTES/LAB GROUPS	FILTER Y—N	FIELD COMMENTS	E.M.L. COMMENTS
AL2247-A	04	G	HCL 4C	VOMSAA0322	Y N	EML	
~~AL2247-B~~	~~01~~	~~G~~	~~HCL 4C~~	~~VOMSAA0322~~	~~Y N~~	~~EML~~	~~TBR~~
						/ CANCEL [signature] 11-17-94	

CHAIN OF CUSTODY CHRONICLE

1. AquaPak™ Opened By: (print) R. Liles Cobb Date: 11/27/94 Time: 16:00 (2400 HR.)
   Signature: R. Liles Cobb Seal #: 80630 Intact: yes

I have received these materials in good condition from the above person.

2. Name: _____ Signature: _____
   Date: / / Time: : (2400 HR.) Remarks: _____

I have received these materials in good condition from the above person.

3. Name: _____ Signature: _____
   Date: / / Time: : (2400 HR.) Remarks: _____

4. AquaPak™/Sub Contr. # 2076 Sealed By: Liles Cobb (Print) Date: 11/29/94 Time: 17:00 (2400 HR.)
   Signature: R. Liles Cobb Seal #: 80572 Intact: yes

LAB USE ONLY
Opened By: [signature] (Signature) Date: 11/30/94 Time: 10:32 (2400 HR.)

WMX Environmental Monitoring Laboratories, Inc.

Site # 562

Bottle Set: AL2247

Sample Point: W D4P (Source Code)

FIELD INFORMATION FORM

PURGING INFORMATION

PURGE DATE (YY MM DD)	START PURGE (2400 Hr Clock)	ELAPSED HRS	WATER VOL. IN CASING (Gallons)	ACTUAL VOLUME PURGED (Gallons)
941129	1231	02	43.3	130.0

PURGING AND SAMPLING EQUIPMENT

Purging Equipment ..... Dedicated (Y) | N | (circle one) Sampling Equipment ..... Dedicated (Y) | N | (circle one)

Purging Device	A	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- PURGING OTHER (SPECIFY)
Sampling Device	C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	
Purging Material	B	A-Teflon	C-Polypropylene	E-Polyethylene	X- PURGING OTHER (SPECIFY)
Sampling Material	A	B-Stainless Steel	D-PVC		X- SAMPLING OTHER (SPECIFY)
Tubing-Purging	X	A-Teflon	D-Polypropylene	F-Silicon	X- stainless steel PURGING OTHER (SPECIFY)
Tubing-Sampling	A	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X- SAMPLING OTHER (SPECIFY)
		C-Rope X- (SPECIFY)			
Filtering Devices 0.45 μ:	none	A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	5195 (ft/msl)	Land Surface Elevation	(ft/msl)
Depth to water From top of well casing	277.00 (ft)	Depth to water From land surface	(ft)
Groundwater Elevation	242.05 (ft/msl)	Groundwater Elevation	(ft/msl)
Well Depth	319.5 (ft)	Stickup	(ft)

	ph		spec. cond.		Sample Temp.
1st	7.22 (STD)	1st	635 μm/cm at 25° C		17.0 (° C)
2nd	(STD)	2nd	μm/cm at 25° C		
3rd	(STD)	3rd	μm/cm at 25° C		
4th	(STD)	4th	μm/cm at 25° C		

(other parameter)	value	units

FIELD COMMENTS

Sample Appearance: clear (if applicable) Odor: none Color: clear Turbidity: slight

Weather Conditions: Wind Speed Calm Direction N/A Precipitation Y/(N) Outlook clear

Specific Comments: well depth obtained from SSGWMP
QED purge saver ph, cond, & temp meter used
samples collected in order A1, A2, A3, A4

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

11/29/94 (Date) R. Lee Coll (Signature) Employer: RMST EOI

Subcontract To:

WMX Environmental Monitoring Laboratories, Inc.

FIELD CHAIN-OF-CUSTODY RECORD

AquaPak™ PREP
AquaPak™ # 2014
Date Sealed 9 4 / 1 1 / 1 7 (YY / MM / DD)
Seal # 80513
By:

SITE/FACILITY # 642 SITE NAME: CWMI-AZUSA

Sample Point: W M W 0 1 (Source Code)

B A R C O D E

SAMPLE DATE: 9 4 / 1 1 / 2 8 (YY / MM / DD)

SAMPLE TIME: 1 3 : 5 7 (2400 HR.)

MATRIX CODE: W

Water (W) Soil (S) Leachate (C) Other (X)

Source Codes:
Well (W) Dewatering/Pressure Relief (D) Surface Water Impoundment (I) Leachate System (C) Gas Condensate (M) Air (A) Pretreatment Facility (P) Influent (U) Effluent (T) River/Stream/Brook (R) Lake or Ocean (L) Outfall (O) Soil (S) Bottom Sediment (B) Noise (N) Generation Pt. (G) Other (X) Specify

ENS # *94-14530

AquaPak™ CONTENT

SAMPLE I.D.	# OF BOTTLES	BOTTLE TYPE	PRESERVATIVE TYPE	ANALYTES/LAB GROUPS	FILTER Y—N	FIELD COMMENTS	E.M.L. COMMENTS
AL2251-A	04	G	HCL 4C	VOMSAA0322	Y N	EML	
~~AL2251-B~~	~~01~~	~~G~~	~~HCL 4C~~	~~VOMSAA0322~~	~~Y N~~	~~EML~~	~~TBK~~
					Y N	✓ CANCEL	11-17-94
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		

CHAIN OF CUSTODY CHRONICLE

1. AquaPak™ Opened By: (print) R. Liles Cobb Date: 11/27/94 Time: 16:00 (2400 HR.)
Signature: R. Liles Cobb Seal #: 80513 Intact: yes

I have received these materials in good condition from the above person.

2. Name: Signature:
Date: / / Time: : (2400 HR.) Remarks:

I have received these materials in good condition from the above person.

3. Name: Signature:
Date: / / Time: : (2400 HR.) Remarks:

4. AquaPak™/Sub Contr. # 2009 Sealed By: R. Liles Cobb (Print) Date: 11/29/94 Time: 17:15 (2400 HR.)
Signature: R. Liles Cobb Seal #: 80666 Intact: yes

LAB USE ONLY
Opened By: (Signature) Date: 11/30/94 Time: 10:46 (2400 HR.)

WMX Environmental Monitoring Laboratories, Inc.

Site # 562

Bottle Set: A12851

Sample Point: WMW01 (Source Code)

FIELD INFORMATION FORM

PURGING INFORMATION

PURGE DATE (YY MM DD)	START PURGE (2400 Hr Clock)	ELAPSED HRS	WATER VOL. IN CASING (Gallons)	ACTUAL VOLUME PURGED (Gallons)
941128	1300	06	48.8	150.0

PURGING AND SAMPLING EQUIPMENT

Purging Equipment ..... Dedicated (Y) | N | (circle one) Sampling Equipment ..... Dedicated (Y) | N | (circle one)

Purging Device	A	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- PURGING OTHER (SPECIFY)
Sampling Device	C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	
Purging Material	B	A-Teflon	C-Polypropylene	E-Polyethylene	X- PURGING OTHER (SPECIFY)
Sampling Material	A	B-Stainless Steel	D-PVC		X- SAMPLING OTHER (SPECIFY)
Tubing-Purging	X	A-Teflon	D-Polypropylene	F-Silicon	X- Stainless steel PURGING OTHER (SPECIFY)
Tubing-Sampling	A	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X- SAMPLING OTHER (SPECIFY)
		C-Rope X- (SPECIFY)			
Filtering Devices 0.45 μ:	None	A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	529.33 (ft/msl)	Land Surface Elevation	(ft/msl)
Depth to water From top of well casing	28.71 (ft)	Depth to water From land surface	(ft)
Groundwater Elevation	242.20 (ft/msl)	Groundwater Elevation	(ft/msl)
Well Depth	335.0 (ft)	Stickup	(ft)

	ph	spec. cond. (μm/cm at 25° C)	Sample Temp. (° C)
1st	7.34 (STD)	727	16.2
2nd	(STD)		
3rd	(STD)		
4th	(STD)		

(other parameter)	value	units

FIELD COMMENTS

Sample Appearance: clear (if applicable) Odor: none Color: clear Turbidity: N/A

Weather Conditions: Wind Speed Calm Direction N/A Precipitation Y(N) Outlook Clear

Specific Comments: Well Depth was obtained from SSGWMP
QED pH cond + temp Purge SAGER meter was used
Temp measured in °C
Purge volume = (335 - 287.13 X 1.02 X 3) = 146.5
Sample collected w/ Bottles A1, A2, A3, A4

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

11/29/94 (Date) R. Scholl (Signature) Employer: RMST Eng

Subcontract To:

WMX Environmental Monitoring Laboratories, Inc.

FIELD CHAIN-OF-CUSTODY RECORD

AquaPak™ PREP
AquaPak™ # 2014
Date Sealed 94 / 11 / 17 (YY / MM / DD)
Seal # 80513
By:

SITE/FACILITY # 542 SITE NAME: CWMI-AZUSA

Sample Point: WMW02 (Source Code)

B A R C O D E

SAMPLE DATE: 94 / 11 / 29 (YY / MM / DD)

SAMPLE TIME: 11 : 45 (2400 HR.)

MATRIX CODE: W

Water (W) Soil (S) Leachate (C) Other (X)

Source Codes:

Well (W) Dewatering/Pressure Relief (D) Surface Water Impoundment (I) Leachate System (C) Gas Condensate (M) Air (A) Pretreatment Facility (P) Influent (U) Effluent (T) River/Stream/Brook (R) Lake or Ocean (L) Outfall (O) Soil (S) Bottom Sediment (B) Noise (N) Generation Pt. (G) Other (X) Specify

ENS # *94-14530

AquaPak™ CONTENT

SAMPLE I.D.	# OF BOTTLES	BOTTLE TYPE	PRESERVATIVE TYPE	ANALYTES/LAB GROUPS	FILTER Y—N	FIELD COMMENTS	E.M.L. COMMENTS
AL2249-A	04	G	HCL 4C	VOMSAA0322	Y (N)	EML	
AL2249-B	01	G	HCL 4C	VOMSAA0322	Y N	EML	TBK
					Y N		✓ CTULEC 11-17-94
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		

CHAIN OF CUSTODY CHRONICLE

1. AquaPak™ Opened By: (print) R. Liles Cobb Date: 11 / 29 / 94 Time: 16 : [illegible] (2400 HR.)
   Signature: R. Liles Cobb Seal #: 80513 Intact: yes

I have received these materials in good condition from the above person.

2. Name: Signature:
   Date: / / Time: : (2400 HR.) Remarks:

I have received these materials in good condition from the above person.

3. Name: Signature:
   Date: / / Time: : (2400 HR.) Remarks:

4. AquaPak™/Sub Contr. # 2009 Sealed By: R. Liles Cobb (Print) Date: 11 / 29 / 94 Time: 17 : 15 (2400 HR.)
   Signature: R. Liles Cobb Seal #: 80666 Intact: yes

LAB USE ONLY
Opened By: (Signature) [illegible] Date: 11 / 30 / 94 Time: 10 : [illegible] (2400 HR.)

WMX Environmental Monitoring Laboratories, Inc.

Site # 562

Bottle Set: AL2249

Sample Point: WMW02 (Source Code)

FIELD INFORMATION FORM

PURGING INFORMATION

PURGE DATE (YY MM DD)	START PURGE (2400 Hr Clock)	ELAPSED HRS	WATER VOL. IN CASING (Gallons)	ACTUAL VOLUME PURGED (Gallons)
941129	1057	6.9	458	1420

PURGING AND SAMPLING EQUIPMENT

Purging Equipment ..... Dedicated | Y | N | (circle one) Sampling Equipment ..... Dedicated | Y | N | (circle one)

Purging Device	A	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- PURGING OTHER (SPECIFY)
Sampling Device	C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	
Purging Material	B	A-Teflon	C-Polypropylene	E-Polyethylene	X- PURGING OTHER (SPECIFY)
Sampling Material	A	B-Stainless Steel	D-PVC		X- SAMPLING OTHER (SPECIFY)
Tubing-Purging	X	A-Teflon	D-Polypropylene	F-Silicon	X- stainless PURGING OTHER (SPECIFY)
Tubing-Sampling	A	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X- SAMPLING OTHER (SPECIFY)
		C-Rope X- (SPECIFY)			
Filtering Devices 0.45 μ:	none	A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	525.65 (ft/msl)	Land Surface Elevation	(ft/msl)
Depth to water From top of well casing	283.02 (ft)	Depth to water From land surface	(ft)
Groundwater Elevation	242.63 (ft/msl)	Groundwater Elevation	(ft/msl)
Well Depth	328 (ft)	Stickup	(ft)

	ph	spec. cond. (μm/cm at 25° C)	Sample Temp.
1st	7.47 (STD)	6455	17.4 (° C)
2nd	(STD)		
3rd	(STD)		
4th	(STD)		

(other parameter)	value	units

FIELD COMMENTS

Sample Appearance: Clear (if applicable) Odor: none Color: Clear Turbidity: ~~[illegible]~~ Slight

Weather Conditions: Wind Speed ~~[illegible]~~ CALM Direction ~~[illegible]~~ Precipitation Y/N (N) Outlook 70° SUNNY

Specific Comments: well depth obtained from SSG-WMP
QED pH, cond + temp (Purge SAVER) meter used
Purge volume = (328 − 283.02 X 1.02 X 3) = 137.6
Temp measured in °C
Samples collected in Bottles A1, A2, A3, A4 order

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

11/29/94 (Date) Russell T Cole (Signature) Employer: RUST E&I

2076

Subcontract To:

WMX Environmental Monitoring Laboratories, Inc.

FIELD CHAIN-OF-CUSTODY RECORD

AquaPak™ PREP 2009
AquaPak™ # 2009
Date Sealed 9 4 / 1 1 / 1 7 (YY / MM / DD)
Seal # 80030
By:

SITE/FACILITY # 562 SITE NAME: CWMI-AZUSA

Sample Point: W M W 0 3 (Source Code)

BAR CODE

SAMPLE DATE: 94 / 11 / 29 (YY / MM / DD)

SAMPLE TIME: 13 : 45 (2400 HR.)

MATRIX CODE: W

Water (W) Soil (S) Leachate (C) Other (X)

Source Codes:
Well (W) Dewatering/Pressure Relief (D) Surface Water Impoundment (I) Leachate System (C) Gas Condensate (M) Air (A) Pretreatment Facility (P) Influent (U) Effluent (T) River/Stream/Brook (R) Lake or Ocean (L) Outfall (O) Soil (S) Bottom Sediment (B) Noise (N) Generation Pt (G) Other (X) Specify

ENS # *94-14530

AquaPak™ CONTENT

SAMPLE I.D.	# OF BOTTLES	BOTTLE TYPE	PRESERVATIVE TYPE	ANALYTES/LAB GROUPS	FILTER Y—N	FIELD COMMENTS	E.M.L. COMMENTS
AL2245-A	04	G	HCL 4C	VOMSAA0322	Y (N)	EML	
AL2245-B	01	G	HCL 4C	VOMSAA0322	Y (N)	EML	TBK BOTTLE. SW 11-30-94
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		

CHAIN OF CUSTODY CHRONICLE

1. AquaPak™ Opened By: (print) R. Liles Cobb Date: 11/27/94 Time: 16:00 (2400 HR.)
Signature: R. Liles Cobb Seal #: 80030 Intact: YES

I have received these materials in good condition from the above person.

2. Name: Signature:
Date: / / Time: : (2400 HR.) Remarks:

I have received these materials in good condition from the above person.

3. Name: Signature:
Date: / / Time: : (2400 HR.) Remarks:

4. AquaPak™/Sub Contr. # 2076 Sealed By: R. Liles Cobb (Print) Date: 11/29/94 Time: 17:00 (2400 HR.)
Signature: R. Liles Cobb Seal #: 80572 Intact: YES

LAB USE ONLY
Opened By: (Signature) Date: 11/30/94 Time: 10:32 (2400 HR.)

WMX Environmental Monitoring Laboratories, Inc.

Site # 562

Bottle Set: AL2245

Sample Point: WMW03 (Source Code)

FIELD INFORMATION FORM

PURGING INFORMATION

PURGE DATE (YY MM DD)	START PURGE (2400 Hr Clock)	ELAPSED HRS	WATER VOL. IN CASING (Gallons)	ACTUAL VOLUME PURGED (Gallons)
941129	1231	02	43.3	130.0

PURGING AND SAMPLING EQUIPMENT

Purging Equipment ..... Dedicated (Y) (circle one) | N | Sampling Equipment ..... Dedicated (Y) (circle one) | N |

Purging Device	A	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- PURGING OTHER (SPECIFY)
Sampling Device	C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	
Purging Material	B	A-Teflon	C-Polypropylene	E-Polyethylene	X- PURGING OTHER (SPECIFY)
Sampling Material	A	B-Stainless Steel	D-PVC		X- SAMPLING OTHER (SPECIFY)
Tubing-Purging	X	A-Teflon	D-Polypropylene	F-Silicon	X- Stainless Steel PURGING OTHER (SPECIFY)
Tubing-Sampling	A	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X- SAMPLING OTHER (SPECIFY)
		C-Rope X- (SPECIFY)			
Filtering Devices 0.45 μ:	none	A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	519.05 (ft/msl)	Land Surface Elevation	(ft/msl)
Depth to water From top of well casing	277.00 (ft)	Depth to water From land surface	(ft)
Groundwater Elevation	242.05 (ft/msl)	Groundwater Elevation	(ft/msl)
Well Depth	319.5 (ft)	Stickup	(ft)

	ph	spec. cond. (μm/cm at 25° C)	
1st	7.22 (STD)	635	Sample Temp. 17.0 (° C)
2nd	(STD)		(other parameter) value units
3rd	(STD)		(other parameter) value units
4th	(STD)		(other parameter) value units

FIELD COMMENTS

Sample Appearance: Clear (if applicable) Odor: None Color: Clear Turbidity: Slightly Cloudy

Weather Conditions: Wind Speed CALM Direction N/A Precipitation Y/N Outlook Clear

Specific Comments: Well Depth obtained from SSGWMP
QED Purge SAVER pH, Cond, + Temp meter used
Temp measured in °C
Purge Volume = (319.5 − 277 × 1.02 × 3) = 130.05 1 vol (43.3)
Samples collected in order A1, A2, A3, + A4

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

11/29/94 (Date) R. E. Collen (Signature) Employer: RMST E&I

Subcontract To:

WMX Environmental Monitoring Laboratories, Inc.

FIELD CHAIN-OF-CUSTODY RECORD

2009

AquaPak™ PREP 2014
AquaPak™ # 9 4 1 1 1 1 7
Date Sealed YY / MM / DD
Seal # 80513
By:

SITE/FACILITY # 562 SITE NAME: CWMI-AZUSA

Sample Point: W M W 0 4 (Source Code)

B A R C O D E

SAMPLE DATE: 9 4 1 1 2 8 (YY / MM / DD)

SAMPLE TIME: 1 7 : 1 0 (2400 HR.)

MATRIX CODE: W

Water (W) Soil (S) Leachate (C) Other (X)

Source Codes:
Well (W) Dewatering/Pressure Relief (D) Surface Water Impoundment (I) Leachate System (C) Gas Condensate (M) Air (A) Pretreatment Facility (P) Influent (U) Effluent (T) River/Stream/Brook (R) Lake or Ocean (L) Outfall (O) Soil (S) Bottom Sediment (B) Noise (N) Generation Pt. (G) Other (X) Specify

ENS # *94-14530

AquaPak™ CONTENT

SAMPLE I.D.	# OF BOTTLES	BOTTLE TYPE	PRESERVATIVE TYPE	ANALYTES/LAB GROUPS	FILTER Y—N	FIELD COMMENTS	E.M.L. COMMENTS
AL2248-A	04	G	HCL 4C	VOMSAAD322	Y (N)	EML	
AL2248-B	01	G	HCL 4C	VOMSAAD322	Y (N)	EML	TBK 80 BBL. SW 11-30-94.
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		

CHAIN OF CUSTODY CHRONICLE

1. AquaPak™ Opened By: (print) R. Liles Cobb Date: 11/27/94 Time: 16:00 (2400 HR.)
Signature: R. Liles Cobb Seal #: 80513 Intact: yes

I have received these materials in good condition from the above person.

2. Name: Signature:
Date: / / Time: : (2400 HR.) Remarks:

I have received these materials in good condition from the above person.

3. Name: Signature:
Date: / / Time: : (2400 HR.) Remarks:

4. AquaPak™/Sub Contr. # 2009 Sealed By: R. Liles Cobb (Print) Date: 11/29/94 Time: 17:15 (2400 HR.)
Signature: R. Liles Cobb Seal #: 80666 Intact: yes

LAB USE ONLY
Opened By: Date: 11-30-94 Time: 10:15 (2400 HR.)

EML FF-1A 12/92

WMX Environmental Monitoring Laboratories, Inc.

Site # 562

Bottle Set: AL2248

Sample Point: WMW04 (Source Code)

FIELD INFORMATION FORM

PURGING INFORMATION

PURGE DATE (YY MM DD)	START PURGE (2400 Hr Clock)	ELAPSED HRS	WATER VOL IN CASING (Gallons)	ACTUAL VOLUME PURGED (Gallons)
941128	1555	0.3	14.03	130.0

PURGING AND SAMPLING EQUIPMENT

Purging Equipment ..... Dedicated | Y | N | (circle one) Sampling Equipment ..... Dedicated | Y | N | (circle one)

Purging Device	A	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- (PURGING OTHER (SPECIFY))
Sampling Device	C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- (SAMPLING OTHER (SPECIFY))
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	
Purging Material	B	A-Teflon	C-Polypropylene	E-Polyethylene	X- (PURGING OTHER (SPECIFY))
Sampling Material	A	B-Stainless Steel	D-PVC		X- (SAMPLING OTHER (SPECIFY))
Tubing-Purging	X	A-Teflon	D-Polypropylene	F-Silicon	X- Stainless steel (PURGING OTHER (SPECIFY))
Tubing-Sampling	A	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X- (SAMPLING OTHER (SPECIFY))
		C-Rope X- (SPECIFY)			
Filtering Devices 0.45 μ:	none	A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	5208.18 (ft/msl)	Land Surface Elevation	(ft/msl)
Depth to water From top of well casing	278.48 (ft)	Depth to water From land surface	(ft)
Groundwater Elevation	240.20 (ft/msl)	Groundwater Elevation	(ft/msl)
Well Depth	318 (ft)	Stickup	(ft)

	ph	spec. cond. (μm/cm at 25° C)
1st	7.0 (STD)	670
2nd	(STD)	
3rd	(STD)	
4th	(STD)	

Sample Temp. 15.6 (° C)

(other parameter)	value	units

FIELD COMMENTS

Sample Appearance: Clear (if applicable) Odor: none Color: Clear Turbidity: slight

Weather Conditions: Wind Speed calm Direction N/A Precipitation Y/N Outlook sunny

Specific Comments: Depth (well) obtained from SSGWMP
QED Purge SAUER used to measure pH cond + temp
Purge vol = (318 − 278.48) × 1.02 × 3 = 120.9
Temp measured in °C
SOLVENT ODOR from DRUM PAD construction - BACKGROUND

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

11/29/94 (Date) R. L. [illegible] (Signature) Employer: RUST E&I

Subcontract To:

WMX Environmental Monitoring Laboratories, Inc.

FIELD CHAIN-OF-CUSTODY RECORD

AquaPak™ PREP
AquaPak™ # 2014
Date Sealed 94 / 11 / 17 (YY / MM / DD)
Seal # 80513
By:

SITE/FACILITY # 562 SITE NAME: CWMI-AZUSA

Sample Point: WMW05 (Source Code)

B A R C O D E

SAMPLE DATE: 94 / 11 / 29 (YY / MM / DD)

SAMPLE TIME: 10:20 (2400 HR.)

MATRIX CODE: W

Water (W) Soil (S) Leachate (C) Other (X)

Source Codes:

Well (W) Dewatering/Pressure Relief (D) Surface Water Impoundment (I) Leachate System (C) Gas Condensate (M) Air (A) Pretreatment Facility (P) Influent (U) Effluent (T) River/Stream/Brook (R) Lake or Ocean (L) Outfall (O) Soil (S) Bottom Sediment (B) Noise (N) Generation Pt. (G) Other (X) Specify

ENS # *94-14530

AquaPak™ CONTENT

SAMPLE I.D.	# OF BOTTLES	BOTTLE TYPE	PRESERVATIVE TYPE	ANALYTES/LAB GROUPS	FILTER Y—N	FIELD COMMENTS	E.M.L. COMMENTS
AL2250-A	04	G	HCL 4C	VOMSAA0322	Y (N)	EML	
~~AL2250-B~~	~~01~~	~~G~~	~~HCL 4C~~	~~VOMSAA0322~~	~~Y N~~	~~EML~~	~~TBR~~
					Y N	✓	CANCEL 11-17-94
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		

CHAIN OF CUSTODY CHRONICLE

1. AquaPak™ Opened By: (print) R. Liles Cobb Date: 11/27/94 Time: 15:00 (2400 HR.)
   Signature: R. Liles Cobb Seal #: 80513 Intact: yes

I have received these materials in good condition from the above person.

2. Name: Signature:
   Date: / / Time: : (2400 HR.) Remarks:

I have received these materials in good condition from the above person.

3. Name: Signature:
   Date: / / Time: : (2400 HR.) Remarks:

4. AquaPak™/Sub Contr. # 2009 Sealed By: R. Liles Cobb (Print) Date: 11/29/94 Time: 17:15 (2400 HR.)
   Signature: R. Liles Cobb Seal #: 80665 Intact: yes

LAB USE ONLY
Opened By: (Signature) Date: 11/30/94 Time: 10:46 (2400 HR.)

WMX Environmental Monitoring Laboratories, Inc.

Site # 562

Bottle Set: AL2250

Sample Point: WMW05 (Source Code)

FIELD INFORMATION FORM

PURGING INFORMATION

PURGE DATE (YY MM DD)	START PURGE (2400 Hr Clock)	ELAPSED HRS	WATER VOL. IN CASING (Gallons)	ACTUAL VOLUME PURGED (Gallons)
94 12 29	09.32	0.5	5.35	16.50

PURGING AND SAMPLING EQUIPMENT

Purging Equipment .....Dedicated | Y | N | (circle one) Sampling Equipment .....Dedicated | Y | N | (circle one)

Purging Device	A	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- PURGING OTHER (SPECIFY)
Sampling Device	C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	
Purging Material	B	A-Teflon	C-Polypropylene	E-Polyethylene	X- PURGING OTHER (SPECIFY)
Sampling Material	A	B-Stainless Steel	D-PVC		X- SAMPLING OTHER (SPECIFY)
Tubing-Purging	X	A-Teflon	D-Polypropylene	F-Silicon	X- PURGING OTHER (SPECIFY)
Tubing-Sampling	A	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X- Stainless Steel SAMPLING OTHER (SPECIFY)
		C-Rope X- (SPECIFY)			
Filtering Devices 0.45 μ: None		A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	5196.67 (ft/msl)	Land Surface Elevation	(ft/msl)
Depth to water From top of well casing	277.0 (ft)	Depth to water From land surface	(ft)
Groundwater Elevation	242.11 (ft/msl)	Groundwater Elevation	(ft/msl)
Well Depth	330.00 (ft)	Stickup	(ft)

	ph	spec. cond. (μm/cm at 25° C)	Sample Temp.
1st	7.52 (STD)	644.4	15.9 (° C)
2nd	(STD)		(other parameter) value units
3rd	(STD)		(other parameter) value units
4th	(STD)		(other parameter) value units

FIELD COMMENTS

Sample Appearance: clear (if applicable) Odor: none Color: clear Turbidity: N/A

Weather Conditions: Wind Speed CALM Direction N/A Precipitation Y/N Outlook

Specific Comments: Well Depth obtained from SSGWMP
Purge Volume = (330(WD) − DTW 277.56 X1.02 X3 = 160.5
QED Purge SAVER conductivity, temp + pH meter used
Temp measured in °C
Samples collected in order A1, A2, A3, A4

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

4/29/94 (Date) R. [illegible] (Signature) Employer: RUST E&I

WMX Environmental Monitoring Laboratories, Inc.

Analytical Report Transmittal Memorandum

Date: January 24, 1995

To: Client(s) - see below

From: Donna Ingersoll

Subject: CWMI-AZUSA 94-14600

Please find enclosed the current Client Report, Field Information Forms, and Field Chain-of-Custody Records for the recently completed event at CWMI-AZUSA.

The data has been thoroughly reviewed and compared to historical data. We have tried to provide a report that is complete and of known and documented quality. Please take a moment to review the enclosed report to ensure it meets your expectations.

If you have any questions, don't hesitate to call Joe Rentz at (708)208-3100.

Report Distribution:

Name	Report Type
Marc Yalom*	ALL
~~Liles Cobb~~	ALL

* *Program Manager*

Mail Code: 2

Enclosed are the analytical results for samples received from your facility. The results in the Client Report are for a single ENS (Event Notification System) number only. The sampling event at your facility may include multiple ENS numbers. A separate Client Report will be generated for each one.

It is the goal of WMX Environmental Monitoring Laboratories Inc. to provide analytical data in a timely fashion, formatted in a way that our clients will find most useful.

If you have any questions concerning the form or content of this report, please contact the WMX EML Customer Operations Department:

Main Number (708) 208-3100
FAX Number (708) 208-1175

Note: Two designations may appear in the results column of your Client Report: NA or ND.

The designation NA (for "Not Analyzed") is used to identify analytes which were requested in the monitoring program, but for which no suitable testing methodology exists. NA may also indicate a dry well, broken sample bottle, insufficient sample volume, or other condition which precludes analysis for a sample.

The designation ND (for "Not Detected") is used to indicate that the analyte of interest was not found at or above the concentration listed under the EMLRL (EML Reporting Limit) heading.

Unless otherwise indicated, all analytes meet the requirements of holding time as specified in the method.

Deborah C. Hockman, Ph.D.

Deborah C. Hockman, Ph.D.
President
WMX Environmental Monitoring Laboratories, Inc.

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

DATA QUALIFIER REPORT

Site: 562 — CWMI-AZUSA

ENS: 94-14600

Report Date: 24-JAN-1995

Sample Pt	Samp Date	Analyte	Method	Comment	Additional Comments Explanations (NQ/DL)
DUPMP1	28-NOV-1994	2-CHLOROETHYLVINYL ETHER	VOMSAA0322	ST	
DUPMP2	28-NOV-1994	2-CHLOROETHYLVINYL ETHER	VOMSAA0322	ST	
TBK-DUPMP1	28-NOV-1994	2-CHLOROETHYLVINYL ETHER	VOMSAA0322	ST	

Site: 562 — CWMI-AZUSA

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

DATA QUALIFIER REPORT

ENS: 94-14600

Report Date: 24-JAN-1995

Code	Data Qualifier Comment Code Definition
ST	This compound is not stable in acidic water.

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - CWMI-AZUSA
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: DUPMP1
Sample Type: WELL
Sample Number: AL2643

ENS: 94-14600
MP: 562942
REV: 00

Sampled: 28-NOV-1994
Received: 30-NOV-1994
Reported: 24-JAN-1995

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	287.13		FT		FDWDTWTC01
GROUNDWATER ELEV.	242.20		FT MSL		FDWGWELWDT
PH FIELD	7.00		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	716		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEG. CELSIUS FIELD	17.4		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	335.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		VOMSAAO322
1,1,1-TRICHLOROETHANE	ND	5	UG/L		VOMSAAO322
1,1,2,2-TETRACHLOROETHANE	ND	5	UG/L		VOMSAAO322
1,1,2-TRICHLOROETHANE	ND	5	UG/L		VOMSAAO322
1,1-DICHLOROETHANE	ND	5	UG/L		VOMSAAO322
1,1-DICHLOROETHENE	ND	5	UG/L		VOMSAAO322
1,2-DICHLOROBENZENE	ND	10.	UG/L		VOMSAAO322
1,2-DICHLOROETHANE	ND	5	UG/L		VOMSAAO322
1,2-DICHLOROPROPANE	ND	5	UG/L		VOMSAAO322
1,3-DICHLOROBENZENE	ND	10.	UG/L		VOMSAAO322
1,4-DICHLOROBENZENE	ND	10.	UG/L		VOMSAAO322
2-BUTANONE	ND	50.	UG/L		VOMSAAO322
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	VOMSAAO322
4-METHYL-2-PENTANONE	ND	10.	UG/L		VOMSAAO322
ACETONE	ND	34	UG/L		VOMSAAO322
BENZENE	ND	5	UG/L		VOMSAAO322
BROMODICHLOROMETHANE	ND	5	UG/L		VOMSAAO322
BROMOFORM	ND	5	UG/L		VOMSAAO322
BROMOMETHANE	ND	10.	UG/L		VOMSAAO322
CARBON TETRACHLORIDE	ND	5	UG/L		VOMSAAO322
CHLOROBENZENE	ND	5	UG/L		VOMSAAO322
CHLOROETHANE	ND	10.	UG/L		VOMSAAO322
CHLOROFORM	ND	5	UG/L		VOMSAAO322
CHLOROMETHANE	ND	10.	UG/L		VOMSAAO322
CIS-1,3-DICHLOROPROPENE	ND	5	UG/L		VOMSAAO322
DIBROMOCHLOROMETHANE	ND	5	UG/L		VOMSAAO322
ETHYLBENZENE	ND	5	UG/L		VOMSAAO322
METHYLENE CHLORIDE	ND	5	UG/L		VOMSAAO322
O-XYLENE	ND	10.	UG/L		VOMSAAO322
TETRACHLOROETHENE	28	5	UG/L		VOMSAAO322
TOLUENE	ND	5	UG/L		VOMSAAO322
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		VOMSAAO322
TRANS-1,3-DICHLOROPROPENE	ND	5	UG/L		VOMSAAO322
TRICHLOROETHENE	10.	5	UG/L		VOMSAAO322
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		VOMSAAO322
VINYL CHLORIDE	ND	10.	UG/L		VOMSAAO322

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 — CWMI-AZUSA
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: DUPMP2
Sample Type: WELL
Sample Number: AL2644

ENS: 94-14600
MP: 562942
REV: 00

Sampled: 28-NOV-1994
Received: 30-NOV-1994
Reported: 24-JAN-1995

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	278.48		FT		FDWDTWTC01
GROUNDWATER ELEV.	242.00		FT MSL		FDWGWELWDT
PH FIELD	7.42		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	657		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEG. CELSIUS FIELD	18.0		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	318.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		VOMSAA0322
1,1,1-TRICHLOROETHANE	15	5	UG/L		VOMSAA0322
1,1,2,2-TETRACHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1,2-TRICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1-DICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1-DICHLOROETHENE	18	5	UG/L		VOMSAA0322
1,2-DICHLOROBENZENE	ND	10.	UG/L		VOMSAA0322
1,2-DICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,2-DICHLOROPROPANE	ND	5	UG/L		VOMSAA0322
1,3-DICHLOROBENZENE	ND	10.	UG/L		VOMSAA0322
1,4-DICHLOROBENZENE	ND	10.	UG/L		VOMSAA0322
2-BUTANONE	ND	50.	UG/L		VOMSAA0322
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	VOMSAA0322
4-METHYL-2-PENTANONE	ND	10.	UG/L		VOMSAA0322
ACETONE	ND	34	UG/L		VOMSAA0322
BENZENE	ND	5	UG/L		VOMSAA0322
BROMODICHLOROMETHANE	ND	5	UG/L		VOMSAA0322
BROMOFORM	ND	5	UG/L		VOMSAA0322
BROMOMETHANE	ND	10.	UG/L		VOMSAA0322
CARBON TETRACHLORIDE	ND	5	UG/L		VOMSAA0322
CHLOROBENZENE	ND	5	UG/L		VOMSAA0322
CHLOROETHANE	ND	10.	UG/L		VOMSAA0322
CHLOROFORM	ND	5	UG/L		VOMSAA0322
CHLOROMETHANE	ND	10.	UG/L		VOMSAA0322
CIS-1,3-DICHLOROPROPENE	ND	5	UG/L		VOMSAA0322
DIBROMOCHLOROMETHANE	ND	5	UG/L		VOMSAA0322
ETHYLBENZENE	ND	5	UG/L		VOMSAA0322
METHYLENE CHLORIDE	ND	5	UG/L		VOMSAA0322
O-XYLENE	ND	10.	UG/L		VOMSAA0322
TETRACHLOROETHENE	200	5	UG/L		VOMSAA0322
TOLUENE	ND	5	UG/L		VOMSAA0322
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		VOMSAA0322
TRANS-1,3-DICHLOROPROPENE	ND	5	UG/L		VOMSAA0322
TRICHLOROETHENE	56	5	UG/L		VOMSAA0322
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		VOMSAA0322
VINYL CHLORIDE	ND	10.	UG/L		VOMSAA0322

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 — CWMI-AZUSA
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: TBK-DUPMP1
Sample Type: WELL
Sample Number: AL2643

ENS: 94-14600
MP: 562942
REV: 00

Sampled: 28-NOV-1994
Received: 30-NOV-1994
Reported: 24-JAN-1995

Analyte	Result	P Q L	Units	Comments	Method
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		VOMSAA0322
1,1,1-TRICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1,2,2-TETRACHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1,2-TRICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1-DICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,1-DICHLOROETHENE	ND	5	UG/L		VOMSAA0322
1,2-DICHLOROBENZENE	ND	10.	UG/L		VOMSAA0322
1,2-DICHLOROETHANE	ND	5	UG/L		VOMSAA0322
1,2-DICHLOROPROPANE	ND	5	UG/L		VOMSAA0322
1,3-DICHLOROBENZENE	ND	10.	UG/L		VOMSAA0322
1,4-DICHLOROBENZENE	ND	10.	UG/L		VOMSAA0322
2-BUTANONE	ND	50.	UG/L		VOMSAA0322
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	VOMSAA0322
4-METHYL-2-PENTANONE	ND	10.	UG/L		VOMSAA0322
ACETONE	ND	34	UG/L		VOMSAA0322
BENZENE	ND	5	UG/L		VOMSAA0322
BROMODICHLOROMETHANE	ND	5	UG/L		VOMSAA0322
BROMOFORM	ND	5	UG/L		VOMSAA0322
BROMOMETHANE	ND	10.	UG/L		VOMSAA0322
CARBON TETRACHLORIDE	ND	5	UG/L		VOMSAA0322
CHLOROBENZENE	ND	5	UG/L		VOMSAA0322
CHLOROETHANE	ND	10.	UG/L		VOMSAA0322
CHLOROFORM	ND	5	UG/L		VOMSAA0322
CHLOROMETHANE	ND	10.	UG/L		VOMSAA0322
CIS-1,3-DICHLOROPROPENE	ND	5	UG/L		VOMSAA0322
DIBROMOCHLOROMETHANE	ND	5	UG/L		VOMSAA0322
ETHYLBENZENE	ND	5	UG/L		VOMSAA0322
METHYLENE CHLORIDE	ND	5	UG/L		VOMSAA0322
O-XYLENE	ND	10.	UG/L		VOMSAA0322
TETRACHLOROETHENE	ND	5	UG/L		VOMSAA0322
TOLUENE	ND	5	UG/L		VOMSAA0322
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		VOMSAA0322
TRANS-1,3-DICHLOROPROPENE	ND	5	UG/L		VOMSAA0322
TRICHLOROETHENE	ND	5	UG/L		VOMSAA0322
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		VOMSAA0322
VINYL CHLORIDE	ND	10.	UG/L		VOMSAA0322

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Subcontract To:

WMX Environmental Monitoring Laboratories, Inc.

FIELD CHAIN-OF-CUSTODY RECORD

AquaPak™ PREP 2149
AquaPak™ #
Date Sealed 9 4 / 1 1 / 1 7 (YY / MM / DD)
Seal # 80352
By:

SITE/FACILITY # 562 SITE NAME: CWMI-AZUSA

Sample Point: W R U P M P 1
Source Code S.O.

BARCODE

SAMPLE DATE: 9 4 1 1 2 8 (YY / MM / DD)

SAMPLE TIME: 1 2 : 4 0 (2400 HR.)

MATRIX CODE: W

Water (W) Soil (S) Leachate (C) Other (X)

Source Codes:
Well (W) Dewatering/Pressure Relief (D) Surface Water Impoundment (I) Leachate System (C) Gas Condensate (M) Air (A) Pretreatment Facility (P) Influent (U) Effluent (T) River/Stream/Brook (R) Lake or Ocean (L) Outfall (O) Soil (S) Bottom Sediment (B) Noise (N) Generation Pt. (G) Other (X) Specify

ENS # *94-14600

AquaPak™ CONTENT

SAMPLE I.D.	# OF BOTTLES	BOTTLE TYPE	PRESERVATIVE TYPE	ANALYTES/LAB GROUPS	FILTER Y—N	FIELD COMMENTS	E.M.L. COMMENTS
AL2643-A	04	G	HCL 4C	VOMSAA0322	Y N	EML	
AL2643-B	01	G	HCL 4C	VOMSAA0322	Y N	EML	TBK BONoBB SW 11-30-91
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		

CHAIN OF CUSTODY CHRONICLE

1. AquaPak™ Opened By: (print) R. Liles Cobb Date: 11/27/94 Time: 15:00 (2400 HR.)
Signature: R. Liles Cobb Seal #: 80352 Intact: yes

I have received these materials in good condition from the above person.

2. Name: Signature:
Date: / / Time: : (2400 HR.) Remarks:

I have received these materials in good condition from the above person.

3. Name: Signature:
Date: / / Time: : (2400 HR.) Remarks: 01

4. AquaPak™/Sub Contr. # 2149 Sealed By: R. Liles Cobb (Print) Date: 11/29/94 Time: 16:45 (2400 HR.)
Signature: R. Liles Cobb Seal #: 80737 Intact: yes

LAB USE ONLY
Opened By: (Signature) [signature] Date: 11/30/94 Time: 10:35 (2400 HR.)
2111a 2 80737

WMX Environmental Monitoring Laboratories, Inc.

Site # 562

Bottle Set: AL2643

Sample Point: W [redacted] MP1

Source Code S.G.

FIELD INFORMATION FORM

PURGING INFORMATION

PURGE DATE (YY MM DD)	START PURGE (2400 Hr Clock)	ELAPSED HRS	WATER VOL. IN CASING (Gallons)	ACTUAL VOLUME PURGED (Gallons)
941128	1148	0.8	48.8	5.5

PURGING AND SAMPLING EQUIPMENT

Purging Equipment ..... Dedicated | Y | N | (circle one) Sampling Equipment ..... Dedicated | Y | N | (circle one)

Purging Device	C	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- PURGING OTHER (SPECIFY)
Sampling Device	C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	
Purging Material	A	A-Teflon	C-Polypropylene	E-Polyethylene	X- PURGING OTHER (SPECIFY)
Sampling Material	A	B-Stainless Steel	D-PVC		X- SAMPLING OTHER (SPECIFY)
Tubing-Purging	A	A-Teflon	D-Polypropylene	F-Silicon	X- PURGING OTHER (SPECIFY)
Tubing-Sampling	A	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X- SAMPLING OTHER (SPECIFY)
		C-Rope X- (SPECIFY)			
Filtering Devices 0.45 µ:	None	A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	529.33 (ft/msl)	Land Surface Elevation	(ft/msl)
Depth to water From top of well casing	287.13 (ft)	Depth to water From land surface	(ft)
Groundwater Elevation	242.20 (ft/msl)	Groundwater Elevation	(ft/msl)
Well Depth	335.0 (ft)	Stickup	(ft)

	ph		spec. cond. (µm/cm at 25° C)		
1st	7.00 (STD)	1st	716	Sample Temp.	17.4 (° C)
2nd	(STD)	2nd		(other parameter) / value / units	
3rd	(STD)	3rd		(other parameter) / value / units	
4th	(STD)	4th		(other parameter) / value / units	

FIELD COMMENTS

Sample Appearance: Clear (if applicable) Odor: None Color: Clear Turbidity: N/A

Weather Conditions: Wind Speed Calm Direction N/A Precipitation Y/N Outlook Clear

Specific Comments: Micro Purge - Well WM01 Well WM04

Well Depth obtained from SSSWMP

~~Purge volume = (~~

QED PURGE SAVER pH cond + temp meter used

TEMP. measured in °C

Samples collected in Bottles A1, A2, A3 + A4 order

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

11/28/94 (Date) R Tilles Cobb (Signature) Employer: RAST E&I

Subcontract To:

WMX Environmental Monitoring Laboratories, Inc.

FIELD CHAIN-OF-CUSTODY RECORD

AquaPak™ PREP
AquaPak™ # 2149
Date Sealed 9 4 / 1 1 / 1 7 (YY / MM / DD)
Seal # 80352
By:

SITE/FACILITY # 562 SITE NAME: CWMI-AZUSA

Sample Point: W R B M P 2 (Source Code)

BAR CODE

SAMPLE DATE: 9 4 1 1 2 8 (YY / MM / DD)

SAMPLE TIME: 1 5 : 2 7 (2400 HR.)

MATRIX CODE: W

Water (W) Soil (S) Leachate (C) Other (X)

Source Codes:
Well (W) Dewatering/Pressure Relief (D) Surface Water Impoundment (I) Leachate System (C) Gas Condensate (M) Air (A) Pretreatment Facility (P) Influent (U) Effluent (T) River/Stream/Brook (R) Lake or Ocean (L) Outfall (O) Soil (S) Bottom Sediment (B) Noise (N) Generation Pt. (G) Other (X) Specify

ENS # *94-14600

AquaPak™ CONTENT

SAMPLE I.D.	# OF BOTTLES	BOTTLE TYPE	PRESERVATIVE TYPE	ANALYTES/LAB GROUPS	FILTER Y—N	FIELD COMMENTS	E.M.L. COMMENTS
AL2644-A	04	G	HCL 4C	VOMSAA0322	Y N	EML	
~~AL2644-B~~	~~01~~	~~G~~	~~HCL 4C~~	~~VOMSAA0322~~	Y N	EML	LBK
					Y N	✓ CANCEL	11-17-94
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		

CHAIN OF CUSTODY CHRONICLE

1. AquaPak™ Opened By: (print) R. Liles Cobb Date: 11/27/94 Time: 16:00 (2400 HR.)
   Signature: R. Liles Cobb Seal #: 80352 Intact: yes

I have received these materials in good condition from the above person.

2. Name: Signature:
   Date: / / Time: : (2400 HR.) Remarks:

I have received these materials in good condition from the above person.

3. Name: Signature:
   Date: / / Time: : (2400 HR.) Remarks:

4. AquaPak™/Sub Contr. # 2149 Sealed By: Liles Cobb (Print) Date: 11/29/94 Time: 16:45 (2400 HR.)
   Signature: R. Liles Cobb Seal #: 80737 Intact: yes

LAB USE ONLY
Opened By: (Signature) [illegible] Date: 11/30/94 Time: 10:35 (2400 HR.)
7116 2 80737 Intact

WMX Environmental Monitoring Laboratories, Inc.

FIELD INFORMATION FORM

Site # 562

Bottle Set: A2644

Sample Point: WMP2 (Source Code)

PURGING INFORMATION

PURGE DATE (YY MM DD)	START PURGE (2400 Hr Clock)	ELAPSED HRS	WATER VOL. IN CASING (Gallons)	ACTUAL VOLUME PURGED (Gallons)
941128	1402	0.8	4.03	5.0

PURGING AND SAMPLING EQUIPMENT

Purging Equipment ..... Dedicated (Y) | N | (circle one) Sampling Equipment ..... Dedicated (Y) | N | (Circle one)

Purging Device	C	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- PURGING OTHER (SPECIFY)
Sampling Device	C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	
Purging Material	A	A-Teflon	C-Polypropylene	E-Polyethylene	X- PURGING OTHER (SPECIFY)
Sampling Material	A	B-Stainless Steel	D-PVC		X- SAMPLING OTHER (SPECIFY)
Tubing-Purging	A	A-Teflon	D-Polypropylene	F-Silicon	X- PURGING OTHER (SPECIFY)
Tubing-Sampling	A	B-Tygon C-Rope X- (SPECIFY)	E-Polyethylene	G-Combination teflon/ Polypropylene	X- SAMPLING OTHER (SPECIFY)
Filtering Devices 0.45 μ:	NONE	A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	520.48 (ft/msl)	Land Surface Elevation	(ft/msl)
Depth to water From top of well casing	278.48 (ft)	Depth to water From land surface	(ft)
Groundwater Elevation	242.00 (ft/msl)	Groundwater Elevation	(ft/msl)
Well Depth	318.00 (ft)	Stickup	(ft)

	ph		spec. cond.		
1st	7.42 (STD)	1st	657 μm/cm at 25° C	Sample Temp.	18.0 (° C)
2nd	(STD)	2nd	μm/cm at 25° C	(other parameter)	value / units
3rd	(STD)	3rd	μm/cm at 25° C	(other parameter)	value / units
4th	(STD)	4th	μm/cm at 25° C	(other parameter)	value / units

FIELD COMMENTS

Sample Appearance: clear (if applicable) Odor: none Color: clear Turbidity: N/A

Weather Conditions: Wind Speed calm Direction Precipitation Y/(N) Outlook clear

Specific Comments: Micro purge event — well WM04
well depth obtained from SSGWMP
QED Purge saver pH, cond + temp meter used
TEMP measured in °C
Samples collected in order A1, A2, A3, A4

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

11/28/94 (Date) R. Lile Cobb (Signature) Employer: RUSTE & I

RUST ENVIRONMENT & INFRASTRUCTURE

RUST Environment & Infrastructure Inc.
18401 Von Karman Avenue, Suite 550 - 5th Floor
Irvine, CA 92715
Tel. (714) 251-6400 • FAX (714) 251-6444

January 27, 1995

Mr. Marc Yalom, R.G.
Chemical Waste Management, Inc.
4227 Technology Drive
Fremont, CA 94538

RE: Revision of Field Information Forms
Chemical Waste Management, Inc.
Azusa, CA

Dear Mr. Yalom:

RUST Environment & Infrastructure, Inc. (RUST E&I) submits this correspondence to Chemical Management, Inc. (CWMI) to clarify the inconsistencies in the Field Information Forms for the 4th Quarter 1994 groundwater monitoring round, and the report submitted on January 25, 1995. All of the report information is correct, although data recorded on the field information forms for wells MW01, MW03 and MW05 are inconsistent with the report. The wells were repaired by RUST E&I and the surveyed elevations of the top of casings were changed to 529.31 and 519.04 for wells MW01 and MW03, respectively. In addition, the depth to water was omitted for well MW05, which should have been 277.56 feet.

If you have any questions, please contact me at (714) 251-6422.

Sincerely,

Susan Goss

Susan Goss, R.G.
Registered Geologist #5639

REGISTERED GEOLOGIST
SUSAN F. GOSS
No. 5639
STATE OF CALIFORNIA

ATTACHMENT 2

GROUNDWATER DATA DISKETTE

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RECORDS SEPARATOR PAGE

RECORDS SEPARATOR PAGE

Chemical Waste Management, Inc.

4227 Technology Drive
Fremont, California 94538-6337
510/651-2964

March 22, 1994

Mr. Jeffrey Zelikson
Director
U.S. Environmental Protection Agency
75 Hawthorne Street
San Francisco, CA 94105

Two Copies
Via Certified Mail
P 333 319 108

Mr. Dennis Dickerson
Regional Administrator
California Environmental Protection Agency
Department of Toxic Substances Control
1011 North Grandview Avenue
Glendale, California 91201

Two Copies
Via Certified Mail
P 677 567 504

Subject: Oil & Solvent Process Company, Azusa, California - CAD008302903
First Quarter 1994 Groundwater Monitoring Event
Preliminary Analytical Results

Gentlemen:

In accordance with our meeting of Monday, December 23, 1991, with Messrs. Wayne Praskins and Thomas Kelly of U.S. EPA, and our follow-up letter dated January 14, 1992, Chemical Waste Management, Inc. (CWM), herein forwards *preliminary* analytical results for groundwater samples collected at the subject facility on February 25, 1993.

All results contained in the attached report are considered preliminary. Judgements regarding the subsurface environmental conditions should not be derived from the results. CWM will submit final results of all samples within 60 days of the receipt of the sample results from the laboratory.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Please call me at (510) 651-2964 if have any questions.

Sincerely,

CHEMICAL WASTE MANAGEMENT, INC.

Marc Yalom, R.G.
Hydrogeologist
Treatment and Land Disposal Operations Group

/miy

Attachment (1)

ATTACHMENT

Preliminary Analytical Results

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: 01FB
Sample Type: WELL
Sample Number: AJ1828

ENS: 94-10609
MP: 562941
REV: 00

Sampled: 25-FEB-1994
Received: 26-FEB-1994
Reported: 18-MAR-1994

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	NA		FT		FDWDTWTC01
GROUNDWATER ELEV.	NA		FT MSL		FDWGWELWDT
PH FIELD	NA		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	NA		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	NA		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	NA		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		624
1,1,1-TRICHLOROETHANE	ND	5.	UG/L		624
1,1,2,2-TETRACHLOROETHANE	ND	5.	UG/L		624
1,1,2-TRICHLOROETHANE	ND	5.	UG/L		624
1,1-DICHLOROETHANE	ND	5.	UG/L		624
1,1-DICHLOROETHENE	ND	5.	UG/L		624
1,2-DICHLOROBENZENE	ND	10.	UG/L		624
1,2-DICHLOROETHANE	ND	5.	UG/L		624
1,2-DICHLOROPROPANE	ND	5.	UG/L		624
1,3-DICHLOROBENZENE	ND	10.	UG/L		624
1,4-DICHLOROBENZENE	ND	10.	UG/L		624
2-BUTANONE	ND	10.	UG/L		624
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	624
4-METHYL-2-PENTANONE	ND	10.	UG/L		624
ACETONE	ND	34.	UG/L		624
BENZENE	ND	5.	UG/L		624
BROMODICHLOROMETHANE	ND	5.	UG/L		624
BROMOFORM	ND	5.	UG/L		624
BROMOMETHANE	ND	10.	UG/L		624
CARBON TETRACHLORIDE	ND	5.	UG/L		624
CHLOROBENZENE	ND	5.	UG/L		624
CHLOROETHANE	ND	10.	UG/L		624
CHLOROFORM	ND	5.	UG/L		624
CHLOROMETHANE	ND	10.	UG/L		624
CIS-1,3-DICHLOROPROPENE	ND	5.	UG/L		624
DIBROMOCHLOROMETHANE	ND	5.	UG/L		624
ETHYLBENZENE	ND	5.	UG/L		624
METHYLENE CHLORIDE	ND	5.	UG/L		624
O-XYLENE	ND	10.	UG/L		624
TETRACHLOROETHENE	ND	5.	UG/L		624
TOLUENE	ND	5.	UG/L		624
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		624
TRANS-1,3-DICHLOROPROPENE	ND	5.	UG/L		624
TRICHLOROETHENE	ND	5.	UG/L		624
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		624
VINYL CHLORIDE	ND	10.	UG/L		624

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

C L I E N T R E P O R T

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: DUP
Sample Type: WELL
Sample Number: AJ1831

ENS: 94-10609
MP: 562941
REV: 00

Sampled: 25-FEB-1994
Received: 26-FEB-1994
Reported: 18-MAR-1994

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	260.38		FT		FDWDTWTC01
GROUNDWATER ELEV.	259.29		FT MSL	NQ	FDWGWELWDT
PH FIELD	7.24		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	459		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	19.9		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	330.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		624
1,1,1-TRICHLOROETHANE	22.	5.	UG/L		624
1,1,2,2-TETRACHLOROETHANE	ND	5.	UG/L		624
1,1,2-TRICHLOROETHANE	ND	5.	UG/L		624
1,1-DICHLOROETHANE	ND	5.	UG/L		624
1,1-DICHLOROETHENE	18.	5.	UG/L		624
1,2-DICHLOROBENZENE	ND	10.	UG/L		624
1,2-DICHLOROETHANE	5.	5.	UG/L		624
1,2-DICHLOROPROPANE	ND	5.	UG/L		624
1,3-DICHLOROBENZENE	ND	10.	UG/L		624
1,4-DICHLOROBENZENE	ND	10.	UG/L		624
2-BUTANONE	ND	10.	UG/L		624
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	624
4-METHYL-2-PENTANONE	ND	10.	UG/L		624
ACETONE	ND	34.	UG/L		624
BENZENE	ND	5.	UG/L		624
BROMODICHLOROMETHANE	ND	5.	UG/L		624
BROMOFORM	ND	5.	UG/L		624
BROMOMETHANE	ND	10.	UG/L		624
CARBON TETRACHLORIDE	ND	5.	UG/L		624
CHLOROBENZENE	ND	5.	UG/L		624
CHLOROETHANE	ND	10.	UG/L		624
CHLOROFORM	ND	5.	UG/L		624
CHLOROMETHANE	ND	10.	UG/L		624
CIS-1,3-DICHLOROPROPENE	ND	5.	UG/L		624
DIBROMOCHLOROMETHANE	ND	5.	UG/L		624
ETHYLBENZENE	ND	5.	UG/L		624
METHYLENE CHLORIDE	ND	5.	UG/L		624
O-XYLENE	ND	10.	UG/L		624
TETRACHLOROETHENE	280.	5.	UG/L		624
TOLUENE	ND	5.	UG/L		624
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		624
TRANS-1,3-DICHLOROPROPENE	ND	5.	UG/L		624
TRICHLOROETHENE	62.	5.	UG/L		624
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		624
VINYL CHLORIDE	ND	10.	UG/L		624

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

Item	Additional Comment Explanations (NQ/DL)
GROUNDWATER ELEV.	NOT LEGIBLE, ENTERED 259.29

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW01
Sample Type: WELL
Sample Number: AJ1834

ENS: 94-10609
MP: 562941
REV: 00

Sampled: 25-FEB-1994
Received: 26-FEB-1994
Reported: 18-MAR-1994

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	269.92		FT		FDWDTWTC01
GROUNDWATER ELEV.	259.41		FT MSL		FDWGWELWDT
PH FIELD	7.78		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	489		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	22.7		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	335.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		624
1,1,1-TRICHLOROETHANE	ND	5.	UG/L		624
1,1,2,2-TETRACHLOROETHANE	ND	5.	UG/L		624
1,1,2-TRICHLOROETHANE	ND	5.	UG/L		624
1,1-DICHLOROETHANE	ND	5.	UG/L		624
1,1-DICHLOROETHENE	ND	5.	UG/L		624
1,2-DICHLOROBENZENE	ND	10.	UG/L		624
1,2-DICHLOROETHANE	ND	5.	UG/L		624
1,2-DICHLOROPROPANE	ND	5.	UG/L		624
1,3-DICHLOROBENZENE	ND	10.	UG/L		624
1,4-DICHLOROBENZENE	ND	10.	UG/L		624
2-BUTANONE	ND	13.	UG/L		624
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	624
4-METHYL-2-PENTANONE	ND	13.	UG/L		624
ACETONE	ND	34.	UG/L		624
BENZENE	ND	5.	UG/L		624
BROMODICHLOROMETHANE	ND	5.	UG/L		624
BROMOFORM	ND	5.	UG/L		624
BROMOMETHANE	ND	10.	UG/L		624
CARBON TETRACHLORIDE	ND	5.	UG/L		624
CHLOROBENZENE	ND	5.	UG/L		624
CHLOROETHANE	ND	10.	UG/L		624
CHLOROFORM	ND	5.	UG/L		624
CHLOROMETHANE	ND	10.	UG/L		624
CIS-1,3-DICHLOROPROPENE	ND	5.	UG/L		624
DIBROMOCHLOROMETHANE	ND	5.	UG/L		624
ETHYLBENZENE	ND	5.	UG/L		624
METHYLENE CHLORIDE	ND	6.	UG/L		624
O-XYLENE	ND	10.	UG/L		624
TETRACHLOROETHENE	50.	5.	UG/L		624
TOLUENE	ND	5.	UG/L		624
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		624
TRANS-1,3-DICHLOROPROPENE	ND	5.	UG/L		624
TRICHLOROETHENE	15.	5.	UG/L		624
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		624
VINYL CHLORIDE	ND	10.	UG/L		624

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Item	Additional Comment Explanations (NQ/DL)
624	Dilution factor 1.25 applied.

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW02
Sample Type: WELL
Sample Number: AJ1833

ENS: 94-10609
MP: 562941
REV: 00

Sampled: 25-FEB-1994
Received: 26-FEB-1994
Reported: 18-MAR-1994

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	265.85		FT		FDWDTWTC01
GROUNDWATER ELEV.	259.80		FT MSL		FDWGWELWDT
PH FIELD	7.40		PH UNITS	NQ	FDPHSING01
SPECIFIC CONDUCTANCE FIELD	650		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	22.5		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	328.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	13.	UG/L		624
1,1,1-TRICHLOROETHANE	27.	13.	UG/L		624
1,1,2,2-TETRACHLOROETHANE	ND	27.	UG/L		624
1,1,2-TRICHLOROETHANE	ND	27.	UG/L		624
1,1-DICHLOROETHANE	ND	13.	UG/L		624
1,1-DICHLOROETHENE	26.	13.	UG/L		624
1,2-DICHLOROBENZENE	ND	13.	UG/L		624
1,2-DICHLOROETHANE	ND	13.	UG/L		624
1,2-DICHLOROPROPANE	ND	13.	UG/L		624
1,3-DICHLOROBENZENE	ND	13.	UG/L		624
1,4-DICHLOROBENZENE	ND	13.	UG/L		624
2-BUTANONE	ND	67.	UG/L		624
2-CHLOROETHYLVINYL ETHER	ND	53.	UG/L	ST	624
4-METHYL-2-PENTANONE	ND	67.	UG/L		624
ACETONE	ND	160	UG/L		624
BENZENE	ND	5.	UG/L		624
BROMODICHLOROMETHANE	ND	13.	UG/L		624
BROMOFORM	ND	13.	UG/L		624
BROMOMETHANE	ND	13.	UG/L		624
CARBON TETRACHLORIDE	ND	5.	UG/L		624
CHLOROBENZENE	ND	13.	UG/L		624
CHLOROETHANE	ND	27.	UG/L		624
CHLOROFORM	ND	13.	UG/L		624
CHLOROMETHANE	ND	27.	UG/L		624
CIS-1,3-DICHLOROPROPENE	ND	13.	UG/L		624
DIBROMOCHLOROMETHANE	ND	27.	UG/L		624
ETHYLBENZENE	ND	13.	UG/L		624
METHYLENE CHLORIDE	ND	33.	UG/L		624
O-XYLENE	ND	13.	UG/L		624
TETRACHLOROETHENE	300.	13.	UG/L		624
TOLUENE	ND	13.	UG/L		624
TRANS-1,2-DICHLOROETHENE	ND	13.	UG/L		624
TRANS-1,3-DICHLOROPROPENE	ND	13.	UG/L		624
TRICHLOROETHENE	97.	13.	UG/L		624
TRICHLOROFLUOROMETHANE	ND	13.	UG/L		624
VINYL CHLORIDE	ND	27.	UG/L		624

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

Item	Additional Comment Explanations (NQ/DL)
PH FIELD	HYDAC METER USED TO MEASURE PH,TEMP,SP COND
624	Dilution factor 6.67 applied.

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW03
Sample Type: WELL
Sample Number: AJ1832

ENS: 94-10609
MP: 562941
REV: 00

Sampled: 25-FEB-1994
Received: 26-FEB-1994
Reported: 18-MAR-1994

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	259.83		FT		FDWDTWTC01
GROUNDWATER ELEV.	259.22		FT MSL		FDWGWELWDT
PH FIELD	6.78		PH UNITS	NQ	FDPHSING01
SPECIFIC CONDUCTANCE FIELD	515		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	19.9		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	319.50		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		624
1,1,1-TRICHLOROETHANE	10.	5.	UG/L		624
1,1,2,2-TETRACHLOROETHANE	ND	8.	UG/L		624
1,1,2-TRICHLOROETHANE	ND	8.	UG/L		624
1,1-DICHLOROETHANE	ND	5.	UG/L		624
1,1-DICHLOROETHENE	11.	5.	UG/L		624
1,2-DICHLOROBENZENE	ND	10.	UG/L		624
1,2-DICHLOROETHANE	ND	5.	UG/L		624
1,2-DICHLOROPROPANE	ND	5.	UG/L		624
1,3-DICHLOROBENZENE	ND	10.	UG/L		624
1,4-DICHLOROBENZENE	ND	10.	UG/L		624
2-BUTANONE	ND	20.	UG/L		624
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	624
4-METHYL-2-PENTANONE	ND	20.	UG/L		624
ACETONE	ND	48.	UG/L		624
BENZENE	ND	5.	UG/L		624
BROMODICHLOROMETHANE	ND	5.	UG/L		624
BROMOFORM	ND	5.	UG/L		624
BROMOMETHANE	ND	10.	UG/L		624
CARBON TETRACHLORIDE	ND	5.	UG/L		624
CHLOROBENZENE	ND	5.	UG/L		624
CHLOROETHANE	ND	10.	UG/L		624
CHLOROFORM	ND	5.	UG/L		624
CHLOROMETHANE	ND	10.	UG/L		624
CIS-1,3-DICHLOROPROPENE	ND	5.	UG/L		624
DIBROMOCHLOROMETHANE	ND	8.	UG/L		624
ETHYLBENZENE	ND	5.	UG/L		624
METHYLENE CHLORIDE	ND	10.	UG/L		624
O-XYLENE	ND	10.	UG/L		624
TETRACHLOROETHENE	86.	5.	UG/L		624
TOLUENE	ND	5.	UG/L		624
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		624
TRANS-1,3-DICHLOROPROPENE	ND	5.	UG/L		624
TRICHLOROETHENE	48.	5.	UG/L		624
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		624
VINYL CHLORIDE	ND	10.	UG/L		624

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Item	Additional Comment Explanations (NQ/DL)
PH FIELD	HYPAC METER USED TO COLLECT READING FOR PH AND SPEC.COND.
624	Dilution factor 2 applied.

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW04
Sample Type: WELL
Sample Number: AJ1830

ENS: 94-10609
MP: 562941
REV: 00

Sampled: 25-FEB-1994
Received: 26-FEB-1994
Reported: 18-MAR-1994

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	261.33		FT		FDWDTWTC01
GROUNDWATER ELEV.	259.15		FT MSL		FDWGWELWDT
PH FIELD	7.26		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	626		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	18.7		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	318.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	25.	UG/L		624
1,1,1-TRICHLOROETHANE	51.	25.	UG/L		624
1,1,2,2-TETRACHLOROETHANE	ND	50.	UG/L		624
1,1,2-TRICHLOROETHANE	ND	50.	UG/L		624
1,1-DICHLOROETHANE	ND	25.	UG/L		624
1,1-DICHLOROETHENE	43.	25.	UG/L		624
1,2-DICHLOROBENZENE	ND	25.	UG/L		624
1,2-DICHLOROETHANE	29.	25.	UG/L		624
1,2-DICHLOROPROPANE	ND	25.	UG/L		624
1,3-DICHLOROBENZENE	ND	25.	UG/L		624
1,4-DICHLOROBENZENE	ND	25.	UG/L		624
2-BUTANONE	ND	130	UG/L		624
2-CHLOROETHYLVINYL ETHER	ND	100	UG/L	ST	624
4-METHYL-2-PENTANONE	ND	130	UG/L		624
ACETONE	ND	300	UG/L		624
BENZENE	ND	5.	UG/L		624
BROMODICHLOROMETHANE	ND	25.	UG/L		624
BROMOFORM	ND	25.	UG/L		624
BROMOMETHANE	ND	25.	UG/L		624
CARBON TETRACHLORIDE	ND	5.	UG/L		624
CHLOROBENZENE	ND	25.	UG/L		624
CHLOROETHANE	ND	50.	UG/L		624
CHLOROFORM	ND	25.	UG/L		624
CHLOROMETHANE	ND	50.	UG/L		624
CIS-1,3-DICHLOROPROPENE	ND	25.	UG/L		624
DIBROMOCHLOROMETHANE	ND	50.	UG/L		624
ETHYLBENZENE	ND	25.	UG/L		624
METHYLENE CHLORIDE	ND	63.	UG/L		624
O-XYLENE	ND	25.	UG/L		624
TETRACHLOROETHENE	470.	25.	UG/L		624
TOLUENE	ND	25.	UG/L		624
TRANS-1,2-DICHLOROETHENE	ND	25.	UG/L		624
TRANS-1,3-DICHLOROPROPENE	ND	25.	UG/L		624
TRICHLOROETHENE	210.	25.	UG/L		624
TRICHLOROFLUOROMETHANE	ND	25.	UG/L		624
VINYL CHLORIDE	ND	50.	UG/L		624

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Item	Additional Comment Explanations (NQ/DL)
624	Dilution factor 12.5 applied.

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW05
Sample Type: WELL
Sample Number: AJ1829

ENS: 94-10609
MP: 562941
REV: 00

Sampled: 25-FEB-1994
Received: 26-FEB-1994
Reported: 18-MAR-1994

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	260.38		FT		FDWDTWTC01
GROUNDWATER ELEV.	259.29		FT MSL		FDWGWELWDT
PH FIELD	7.24		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	459		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	19.9		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	330.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		624
1,1,1-TRICHLOROETHANE	22.	5.	UG/L		624
1,1,2,2-TETRACHLOROETHANE	ND	5.	UG/L		624
1,1,2-TRICHLOROETHANE	ND	5.	UG/L		624
1,1-DICHLOROETHANE	ND	5.	UG/L		624
1,1-DICHLOROETHENE	18.	5.	UG/L		624
1,2-DICHLOROBENZENE	ND	10.	UG/L		624
1,2-DICHLOROETHANE	5.	5.	UG/L		624
1,2-DICHLOROPROPANE	ND	5.	UG/L		624
1,3-DICHLOROBENZENE	ND	10.	UG/L		624
1,4-DICHLOROBENZENE	ND	10.	UG/L		624
2-BUTANONE	ND	10.	UG/L		624
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	624
4-METHYL-2-PENTANONE	ND	10.	UG/L		624
ACETONE	ND	34.	UG/L		624
BENZENE	ND	5.	UG/L		624
BROMODICHLOROMETHANE	ND	5.	UG/L		624
BROMOFORM	ND	5.	UG/L		624
BROMOMETHANE	ND	10.	UG/L		624
CARBON TETRACHLORIDE	ND	5.	UG/L		624
CHLOROBENZENE	ND	5.	UG/L		624
CHLOROETHANE	ND	10.	UG/L		624
CHLOROFORM	ND	5.	UG/L		624
CHLOROMETHANE	ND	10.	UG/L		624
CIS-1,3-DICHLOROPROPENE	ND	5.	UG/L		624
DIBROMOCHLOROMETHANE	ND	5.	UG/L		624
ETHYLBENZENE	ND	5.	UG/L		624
METHYLENE CHLORIDE	ND	5.	UG/L		624
O-XYLENE	ND	10.	UG/L		624
TETRACHLOROETHENE	280.	5.	UG/L		624
TOLUENE	ND	5.	UG/L		624
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		624
TRANS-1,3-DICHLOROPROPENE	ND	5.	UG/L		624
TRICHLOROETHENE	61.	5.	UG/L		624
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		624
VINYL CHLORIDE	ND	10.	UG/L		624

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: TBK-DUP
Sample Type: WELL
Sample Number: AJ1831

ENS: 94-10609
MP: 562941
REV: 00

Sampled: 25-FEB-1994
Received: 26-FEB-1994
Reported: 18-MAR-1994

Analyte	Result	P Q L	Units	Comments	Method
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		624
1,1,1-TRICHLOROETHANE	ND	5.	UG/L		624
1,1,2,2-TETRACHLOROETHANE	ND	5.	UG/L		624
1,1,2-TRICHLOROETHANE	ND	5.	UG/L		624
1,1-DICHLOROETHANE	ND	5.	UG/L		624
1,1-DICHLOROETHENE	ND	5.	UG/L		624
1,2-DICHLOROBENZENE	ND	10.	UG/L		624
1,2-DICHLOROETHANE	ND	5.	UG/L		624
1,2-DICHLOROPROPANE	ND	5.	UG/L		624
1,3-DICHLOROBENZENE	ND	10.	UG/L		624
1,4-DICHLOROBENZENE	ND	10.	UG/L		624
2-BUTANONE	ND	10.	UG/L		624
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	624
4-METHYL-2-PENTANONE	ND	10.	UG/L		624
ACETONE	ND	34.	UG/L		624
BENZENE	ND	5.	UG/L		624
BROMODICHLOROMETHANE	ND	5.	UG/L		624
BROMOFORM	ND	5.	UG/L		624
BROMOMETHANE	ND	10.	UG/L		624
CARBON TETRACHLORIDE	ND	5.	UG/L		624
CHLOROBENZENE	ND	5.	UG/L		624
CHLOROETHANE	ND	10.	UG/L		624
CHLOROFORM	ND	5.	UG/L		624
CHLOROMETHANE	ND	10.	UG/L		624
CIS-1,3-DICHLOROPROPENE	ND	5.	UG/L		624
DIBROMOCHLOROMETHANE	ND	5.	UG/L		624
ETHYLBENZENE	ND	5.	UG/L		624
METHYLENE CHLORIDE	ND	5.	UG/L		624
O-XYLENE	ND	10.	UG/L		624
TETRACHLOROETHENE	ND	5.	UG/L		624
TOLUENE	ND	5.	UG/L		624
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		624
TRANS-1,3-DICHLOROPROPENE	ND	5.	UG/L		624
TRICHLOROETHENE	ND	5.	UG/L		624
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		624
VINYL CHLORIDE	ND	10.	UG/L		624

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

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Chemical Waste Management, Inc.

4227 Technology Drive
Fremont, California 94538-6337
510/651-2964

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JUL - 5

July 1, 1994

Mr. Jeffrey Zelikson
Director
U.S. Environmental Protection Agency
75 Hawthorne Street
San Francisco, CA 94105

Two Copies
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P 244 216 556

Mr. Dennis Dickerson
Regional Administrator
California Environmental Protection Agency
Department of Toxic Substances Control
1011 North Grandview Avenue
Glendale, California 91201

Two Copies
Via Certified Mail
P 244 216 557

Subject: Oil & Solvent Process Company, Azusa, California - CAD008302903
Second Quarter 1994 Groundwater Monitoring Event
Preliminary Analytical Results

Gentlemen:

In accordance with our meeting of Monday, December 23, 1991, with Messrs. Wayne Praskins and Thomas Kelly of U.S. EPA, and our follow-up letter dated January 14, 1992, Chemical Waste Management, Inc. (CWM), herein forwards *preliminary* analytical results for groundwater samples collected at the subject facility on May 28, 1993.

The analytical results for well MW-03 were determined to be invalid, according to WMX Environmental Monitoring Laboratories. Therefore, the results for this well are not included. MW-03 is scheduled for resampling on July 5, 1994.

All results contained in the attached report are considered preliminary. Judgements regarding the subsurface environmental conditions should not be derived from the results. CWM will submit final results of all samples within 60 days of the receipt of the sample results from the laboratory.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for

submitting false information, including the possibility of fine and imprisonment for knowing violations.

Please call me at (510) 651-2964 if have any questions.

Sincerely,

CHEMICAL WASTE MANAGEMENT, INC.

Marc Yalom, R.G.
Hydrogeologist

/miy

Attachment (1)

ATTACHMENT

Preliminary Analytical Results

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW01
Sample Type: WELL
Sample Number: AJ9907

ENS: 94-12164
MP: 562941
REV: 00

Sampled: 27-MAY-1994
Received: 28-MAY-1994
Reported: 21-JUN-1994

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	270.59		FT		FDWDTWTC01
GROUNDWATER ELEV.	258.74		FT MSL		FDWGWELWDT
PH FIELD	7.44		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	538		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	22.4		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	335.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		624
1,1,1-TRICHLOROETHANE	ND	5	UG/L		624
1,1,2,2-TETRACHLOROETHANE	ND	5	UG/L		624
1,1,2-TRICHLOROETHANE	ND	5	UG/L		624
1,1-DICHLOROETHANE	ND	5	UG/L		624
1,1-DICHLOROETHENE	8	5	UG/L		624
1,2-DICHLOROBENZENE	ND	10.	UG/L		624
1,2-DICHLOROETHANE	ND	5	UG/L		624
1,2-DICHLOROPROPANE	ND	5	UG/L		624
1,3-DICHLOROBENZENE	ND	10.	UG/L		624
1,4-DICHLOROBENZENE	ND	10.	UG/L		624
2-BUTANONE	ND	13	UG/L		624
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	624
4-METHYL-2-PENTANONE	ND	13	UG/L		624
ACETONE	ND	34	UG/L		624
BENZENE	ND	5	UG/L		624
BROMODICHLOROMETHANE	ND	5	UG/L		624
BROMOFORM	ND	5	UG/L		624
BROMOMETHANE	ND	10.	UG/L		624
CARBON TETRACHLORIDE	ND	5	UG/L		624
CHLOROBENZENE	ND	5	UG/L		624
CHLOROETHANE	ND	10.	UG/L		624
CHLOROFORM	ND	5	UG/L		624
CHLOROMETHANE	ND	10.	UG/L		624
CIS-1,3-DICHLOROPROPENE	ND	5	UG/L		624
DIBROMOCHLOROMETHANE	ND	5	UG/L		624
ETHYLBENZENE	ND	5	UG/L		624
METHYLENE CHLORIDE	ND	6	UG/L		624
O-XYLENE	ND	10.	UG/L		624
TETRACHLOROETHENE	58	5	UG/L		624
TOLUENE	ND	5	UG/L		624
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		624
TRANS-1,3-DICHLOROPROPENE	ND	5	UG/L		624
TRICHLOROETHENE	17	5	UG/L		624
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		624
VINYL CHLORIDE	ND	10.	UG/L		624

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

Item	Additional Comment Explanations (NQ/DL)
624	Dilution factor 1.250 applied.

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW02
Sample Type: WELL
Sample Number: AJ9909

ENS: 94-12164
MP: 562941
REV: 00

Sampled: 27-MAY-1994
Received: 28-MAY-1994
Reported: 21-JUN-1994

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	267.37		FT		FDWDTWTC01
GROUNDWATER ELEV.	258.28		FT MSL		FDWGWELWDT
PH FIELD	7.31		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	612		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	22.8		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	328.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		624
1,1,1-TRICHLOROETHANE	12	7	UG/L		624
1,1,2,2-TETRACHLOROETHANE	ND	13	UG/L		624
1,1,2-TRICHLOROETHANE	ND	13	UG/L		624
1,1-DICHLOROETHANE	ND	7	UG/L		624
1,1-DICHLOROETHENE	24	7	UG/L		624
1,2-DICHLOROBENZENE	ND	10.	UG/L		624
1,2-DICHLOROETHANE	ND	7	UG/L		624
1,2-DICHLOROPROPANE	ND	7	UG/L		624
1,3-DICHLOROBENZENE	ND	10.	UG/L		624
1,4-DICHLOROBENZENE	ND	10.	UG/L		624
2-BUTANONE	ND	33	UG/L		624
2-CHLOROETHYLVINYL ETHER	ND	27	UG/L	ST	624
4-METHYL-2-PENTANONE	ND	33	UG/L		624
ACETONE	92	80.	UG/L		624
BENZENE	ND	5	UG/L		624
BROMODICHLOROMETHANE	ND	7	UG/L		624
BROMOFORM	ND	7	UG/L		624
BROMOMETHANE	ND	10.	UG/L		624
CARBON TETRACHLORIDE	ND	5	UG/L		624
CHLOROBENZENE	ND	7	UG/L		624
CHLOROETHANE	ND	13	UG/L		624
CHLOROFORM	ND	7	UG/L		624
CHLOROMETHANE	ND	13	UG/L		624
CIS-1,3-DICHLOROPROPENE	ND	7	UG/L		624
DIBROMOCHLOROMETHANE	ND	13	UG/L		624
ETHYLBENZENE	ND	7	UG/L		624
METHYLENE CHLORIDE	ND	17	UG/L		624
O-XYLENE	ND	10.	UG/L		624
TETRACHLOROETHENE	190	7	UG/L		624
TOLUENE	ND	7	UG/L		624
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		624
TRANS-1,3-DICHLOROPROPENE	ND	7	UG/L		624
TRICHLOROETHENE	72	7	UG/L		624
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		624
VINYL CHLORIDE	ND	13	UG/L		624

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Item	Additional Comment Explanations (NQ/DL)
624	Dilution factor 3.333 applied.

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW04
Sample Type: WELL
Sample Number: AJ9906

ENS: 94-12164
MP: 562941
REV: 00

Sampled: 27-MAY-1994
Received: 28-MAY-1994
Reported: 21-JUN-1994

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	262.17		FT		FDWDTWTC01
GROUNDWATER ELEV.	258.31		FT MSL		FDWGWELWDT
PH FIELD	7.31		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	519		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	23.9		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	318.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	29	UG/L		624
1,1,1-TRICHLOROETHANE	ND	29	UG/L		624
1,1,2,2-TETRACHLOROETHANE	ND	57	UG/L		624
1,1,2-TRICHLOROETHANE	ND	57	UG/L		624
1,1-DICHLOROETHANE	ND	29	UG/L		624
1,1-DICHLOROETHENE	ND	29	UG/L		624
1,2-DICHLOROBENZENE	ND	29	UG/L		624
1,2-DICHLOROETHANE	ND	29	UG/L		624
1,2-DICHLOROPROPANE	ND	29	UG/L		624
1,3-DICHLOROBENZENE	ND	29	UG/L		624
1,4-DICHLOROBENZENE	ND	29	UG/L		624
2-BUTANONE	ND	140	UG/L		624
2-CHLOROETHYLVINYL ETHER	ND	110	UG/L	ST	624
4-METHYL-2-PENTANONE	ND	140	UG/L		624
ACETONE	ND	340	UG/L		624
BENZENE	ND	6	UG/L		624
BROMODICHLOROMETHANE	ND	29	UG/L		624
BROMOFORM	ND	29	UG/L		624
BROMOMETHANE	ND	29	UG/L		624
CARBON TETRACHLORIDE	ND	6	UG/L		624
CHLOROBENZENE	ND	29	UG/L		624
CHLOROETHANE	ND	57	UG/L		624
CHLOROFORM	ND	29	UG/L		624
CHLOROMETHANE	ND	57	UG/L		624
CIS-1,3-DICHLOROPROPENE	ND	29	UG/L		624
DIBROMOCHLOROMETHANE	ND	57	UG/L		624
ETHYLBENZENE	ND	29	UG/L		624
METHYLENE CHLORIDE	ND	72	UG/L		624
O-XYLENE	ND	29	UG/L		624
TETRACHLOROETHENE	240	29	UG/L		624
TOLUENE	ND	29	UG/L		624
TRANS-1,2-DICHLOROETHENE	ND	29	UG/L		624
TRANS-1,3-DICHLOROPROPENE	ND	29	UG/L		624
TRICHLOROETHENE	61	29	UG/L		624
TRICHLOROFLUOROMETHANE	ND	29	UG/L		624
VINYL CHLORIDE	ND	57	UG/L		624

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Item	Additional Comment Explanations (NQ/DL)
624	Dilution factor 14.300 applied. THE DILUTION FOR THIS ANALYSIS WAS INCORRECT; RESPONSE OF HIGHEST CONCENTRATION COMPOUND FAILED CRITERIA FOR DILUTED SAMPLES. SAMPLE WAS CONFIRMED BY RERUN WITH CORRECT DILUTION BUT TX.

WMX ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW05
Sample Type: WELL
Sample Number: AJ9905

ENS: 94-12164
MP: 562941
REV: 00

Sampled: 27-MAY-1994
Received: 28-MAY-1994
Reported: 21-JUN-1994

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	261.50		FT		FDWDTWTC01
GROUNDWATER ELEV.	258.17		FT MSL		FDWGWELWDT
PH FIELD	7.35		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	550		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	24.3		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	330.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		624
1,1,1-TRICHLOROETHANE	19	8	UG/L		624
1,1,2,2-TETRACHLOROETHANE	ND	16	UG/L		624
1,1,2-TRICHLOROETHANE	ND	16	UG/L		624
1,1-DICHLOROETHANE	ND	8	UG/L		624
1,1-DICHLOROETHENE	23	8	UG/L		624
1,2-DICHLOROBENZENE	ND	10.	UG/L		624
1,2-DICHLOROETHANE	ND	8	UG/L		624
1,2-DICHLOROPROPANE	ND	8	UG/L		624
1,3-DICHLOROBENZENE	ND	10.	UG/L		624
1,4-DICHLOROBENZENE	ND	10.	UG/L		624
2-BUTANONE	ND	40.	UG/L		624
2-CHLOROETHYLVINYL ETHER	ND	32	UG/L	ST	624
4-METHYL-2-PENTANONE	ND	40.	UG/L		624
ACETONE	ND	96	UG/L		624
BENZENE	ND	5	UG/L		624
BROMODICHLOROMETHANE	ND	8	UG/L		624
BROMOFORM	ND	8	UG/L		624
BROMOMETHANE	ND	10.	UG/L		624
CARBON TETRACHLORIDE	ND	5	UG/L		624
CHLOROBENZENE	ND	8	UG/L		624
CHLOROETHANE	ND	16	UG/L		624
CHLOROFORM	ND	8	UG/L		624
CHLOROMETHANE	ND	16	UG/L		624
CIS-1,3-DICHLOROPROPENE	ND	8	UG/L		624
DIBROMOCHLOROMETHANE	ND	16	UG/L		624
ETHYLBENZENE	ND	8	UG/L		624
METHYLENE CHLORIDE	ND	20.	UG/L		624
O-XYLENE	ND	10.	UG/L		624
TETRACHLOROETHENE	250	8	UG/L	CX	624
TOLUENE	ND	8	UG/L		624
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		624
TRANS-1,3-DICHLOROPROPENE	ND	8	UG/L		624
TRICHLOROETHENE	62	8	UG/L		624
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		624
VINYL CHLORIDE	ND	16	UG/L		624

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Item	Additional Comment Explanations (NQ/DL)
624	Dilution factor 4.000 applied. SAMPLE WAS CONFIRMED BY RERUN WITH CORRECT DILUTION BUT TX.

RECORDS SEPARATOR PAGE

RECORDS SEPARATOR PAGE

RECORDS SEPARATOR PAGE

RECORDS SEPARATOR PAGE

RECORDS SEPARATOR PAGE

RECORDS SEPARATOR PAGE

Chemical Waste Management, Inc.

4227 Technology Drive
Fremont, California 94538-6337
510/651-2964 Fax: 510/656-4926

JUL 19

July 16, 1993

Mr. Jeffrey Zelikson
Director
U.S. Environmental Protection Agency
Region IX
75 Hawthorne Street
San Francisco, CA 94105

Two Copies
Via Certified Mail

Mr. Dennis Dickerson
Regional Administrator
California Environmental Protection Agency
Region III
Department of Toxic Substances Control
1011 North Grandview Avenue
Glendale, California 91201

Two Copies
Via Certified Mail

Subject: Oil & Solvent Process Company, Azusa, California - CAD008302903
May 1993 Groundwater Monitoring Event
Analytical Results

Gentlemen:

In accordance with our meeting of Monday, December 23, 1991, with Messrs. Wayne Praskins and Thomas Kelly of U.S. EPA, and our follow-up letter dated January 14, 1992, Chemical Waste Management, Inc. (CWM), herein forwards analytical results for groundwater samples collected at the subject facility on May 27 & 28, and July 1, 1993.

Analytes are listed alphabetically in the results. The WMX Technologies - Environmental Monitoring Laboratories' (EML) methods correspond to the U.S. EPA methods, as follows:

EML Method	EPA Method
VOMSBAO322	624
VOGCHAN201	601
VOGCPAN101	602

Partial results of the May 27 & 28 sampling event were sent to the agencies on June 25, 1993.

Attachment 1 contains the complete preliminary results for the samples collected on May 27 & 28, 1993. Attachment 2 contains the preliminary results for the samples collected on July 1, 1993.

Wells MW-02 and MW-04, and the Field Blank were resampled on July 1, 1993 and analyzed according to Method 624. Original samples collected on May 27, 1993, and analyzed according to Method 624 failed analytical quality control requirements for the method.

All results contained in the attachments are considered preliminary. Judgements regarding the subsurface environmental conditions should not be derived from the results. Preliminary results are submitted within seven days of receipt. CWM will submit final results of all samples within 60 days of the receipt of the preliminary results.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Please call me at (510) 651-2964 if have any questions.

Sincerely,

CHEMICAL WASTE MANAGEMENT, INC.

Marc Yalom, R.G.
Hydrogeologist
Treatment and Land Disposal Operations Group

/miy

Attachment (2)

ATTACHMENT 1

REGENERATED COMPLETE PRELIMINARY ANALYTICAL RESULTS
MAY 27 & 28, 1993

WMI Environmental Monitoring Laboratories, Inc.

Analytical Report Transmittal Memorandum

JUL 1993
RECEIVED
Western Region
Environmental
Mgt. Dept.
E.W.M.L.

Date: July 12, 1993

To: Client(s) - see below

From: Dave Lundquist

Subject: O.S.C.O. 93-11745

Please find enclosed the **regenerated** Client Report for the event at O.S.C.O..

We have tried to provide a report that is complete and of known and documented quality. Please take a moment to review the enclosed report to insure it meets your expectations.

If you have any questions, don't hesitate to call EML Account Representative Donna Bierschenk at (708)208-3100.

Report Distribution:

Name	Report Type
Marc Yalom*	ALL +Diskette

* *Program Manager*

DATA QUALIFIER COMMENT CODE DEFINITIONS

AR: Acid surrogate recoveries did not meet the acceptance criteria of the method. Oxidative degradation due to sample matrix is suggested.

BB: Broken bottle.

BL: The method blank concentration associated with this analyte did not meet the acceptance criteria of the method.

CX: The concentration of this compound exceeded the calibration used for this analysis. The concentration reported is estimated.

CU: Co-elution with another compound interferes with the quantitation of this compound. The concentration reported is estimated.

DL: The sample was diluted during analysis. Reporting limits have been adjusted where necessary.

DP: This sample was analyzed in duplicate. The relative percent difference between the two results did not meet the acceptance criteria of the method.

DW: Dry well.

HS: Headspace in sample exceeded laboratory control limit. The reported results of the analysis may be less than the actual value.

IS: The internal standard recoveries associated with this analysis did not meet the acceptance criteria of the method.

IV: The bottle did not contain enough sample to perform the analysis.

MP: 3-methylphenol and 4-methylphenol co-elute under the analytical conditions of the method, and can not be differentiated solely on the basis of their mass spectra. The concentrations reported may be either or both isomers.

MX: This sample was used as a matrix spike. The percent recovery did not meet the acceptance criteria of the method. The analysis of a quality control standard showed the analytical system was in control. The result reported may therfore be affected by matrix interferences.

NN: N-nitrosodiphenylamine can not be distinguished from diphenylamine using gas chromatography. The concentrations reported may be either or both compounds.

NQ: No standard qualifier code is in use for this qualification. See the associated comment.

NS: There was not enough sample to repeat this analysis.

PL: This result may be a product of contamination from phthalate plasticizers, which are a common lab contaminant.

PX: This sample required preservation in the field to a pH of less than 2. The pH was checked before analysis and did not have a pH of less than 2.

PY: This sample required preservation in the field to a pH of 4 to 5. The pH was checked before analysis and did not have a pH of 4 to 5.

PZ: This sample required preservation in the field to a pH of 12 or greater. The pH was checked before analysis and did not have a pH of 12 or greater.

QX: This sample was used as a matrix spike. The percent recovery did not meet the acceptance criteria of the method. The analysis of a quality control standard showed the analytical system was out-of-control. The analytical result for this parameter in the unspiked sample is suspect and may not be reported for regulatory compliance purposes.

SB: The analysis of this sample was performed by an approved subcontract laboratory.

ST: This compound is not stable in acidic water.

SU: The analysis of the surrogate with this sample did not meet the acceptance criteria of the method.

TX: The analysis for this parameter was conducted after the holding time specified in the method.

UN: This compound is not stable under the conditions of the analysis.

*** DATA QUALIFIER REPORT ***

9-JUL-93

Please be aware of the following information associated with the client reports for the ENS number 93-11745.

SAMPLE NO.	METHOD ID	ANALYTE	CODE	DILUTION FACTOR
AH1567-B2	VOMSBA0322	2-CHLOROETHYLVINYL ETHER	ST	
AH1567-C1	VOGCHAN201	EVERY ANALYTE FOR THIS METHOD	DL	1.43
AH1567-C1	VOGCHAN201	2-CHLOROETHYLVINYL ETHER	ST	
AH1568-C1	VOGCHAN201	2-CHLOROETHYLVINYL ETHER	ST	
AH1569-C3	VOGCHAN201	EVERY ANALYTE FOR THIS METHOD	DL	3
AH1569-C3	VOGCHAN201	2-CHLOROETHYLVINYL ETHER	ST	
AH1570-B3	VOMSBA0322	EVERY ANALYTE FOR THIS METHOD	DL	1.43
AH1570-B3	VOMSBA0322	2-CHLOROETHYLVINYL ETHER	ST	
AH1570-C3	VOGCHAN201	EVERY ANALYTE FOR THIS METHOD	DL	1.5
AH1570-C3	VOGCHAN201	2-CHLOROETHYLVINYL ETHER	ST	
AH1571-C4	VOGCHAN201	EVERY ANALYTE FOR THIS METHOD	DL	5
AH1571-C4	VOGCHAN201	2-CHLOROETHYLVINYL ETHER	ST	
AH1572-B2	VOMSBA0322	EVERY ANALYTE FOR THIS METHOD	DL	5
AH1572-B2	VOMSBA0322	2-CHLOROETHYLVINYL ETHER	ST	
AH1572-C3	VOGCHAN201	EVERY ANALYTE FOR THIS METHOD	DL	3
AH1572-C3	VOGCHAN201	2-CHLOROETHYLVINYL ETHER	ST	
AH1573-B2	VOMSBA0322	EVERY ANALYTE FOR THIS METHOD	DL	5
AH1573-B2	VOMSBA0322	2-CHLOROETHYLVINYL ETHER	ST	
AH1573-C2	VOGCHAN201	EVERY ANALYTE FOR THIS METHOD	DL	3
AH1573-C2	VOGCHAN201	2-CHLOROETHYLVINYL ETHER	ST	

***** END OF REPORT *****

*** SUPPLEMENTAL COMMENT REPORT ***

9-JUL-93

Any additional codes or comments for the samples under the ENS number 93-11745.

SAMPLE NO.	METHOD ID	ANALYTE	CODE	DILUTION FACTOR

**** NO ADDITIONAL COMMENTS FOUND *****

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: 01FB
Sample Type: WELL
Sample Number: AH1568

ENS: 93-11745
MP: 562931
REV: 03

Sampled: 27-MAY-1993
Received: 29-MAY-1993
Reported: 9-JUL-1993

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	237.89		FT		FDWDTWTC01
GROUNDWATER ELEV.	291.31		FT MSL		FDWGWELWDT
PH FIELD	7.08		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	629		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	21.3		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	328.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
1,1,1-TRICHLOROETHANE	ND	0.500	UG/L		VOGCHAN201
1,1,2,2-TETRACHLOROETHANE	ND	2.	UG/L		VOGCHAN201
1,1,2-TRICHLOROETHANE	ND	1.	UG/L		VOGCHAN201
1,1-DICHLOROETHANE	ND	0.500	UG/L		VOGCHAN201
1,1-DICHLOROETHENE	ND	0.500	UG/L		VOGCHAN201
1,2-DICHLOROBENZENE	ND	1.00	UG/L		VOGCHAN201
1,2-DICHLOROBENZENE	ND	1.00	UG/L		VOGCPAN101
1,2-DICHLOROETHANE	ND	1.	UG/L		VOGCHAN201
1,2-DICHLOROPROPANE	ND	1.	UG/L		VOGCHAN201
1,3-DICHLOROBENZENE	ND	1.00	UG/L		VOGCHAN201
1,3-DICHLOROBENZENE	ND	1.	UG/L		VOGCPAN101
1,4-DICHLOROBENZENE	ND	1.00	UG/L		VOGCHAN201
1,4-DICHLOROBENZENE	ND	1.	UG/L		VOGCPAN101
2-CHLOROETHYLVINYL ETHER	ND	9.	UG/L	ST	VOGCHAN201
BENZENE	ND	0.500	UG/L		VOGCPAN101
BROMODICHLOROMETHANE	ND	1.	UG/L		VOGCHAN201
BROMOFORM	ND	2.	UG/L		VOGCHAN201
BROMOMETHANE	ND	5.	UG/L		VOGCHAN201
CARBON TETRACHLORIDE	ND	0.500	UG/L		VOGCHAN201
CHLOROBENZENE	ND	0.500	UG/L		VOGCHAN201
CHLOROBENZENE	ND	0.500	UG/L		VOGCPAN101
CHLOROETHANE	ND	1.	UG/L		VOGCHAN201
CHLOROFORM	ND	0.500	UG/L		VOGCHAN201
CHLOROMETHANE	ND	1.	UG/L		VOGCHAN201
CIS-1,3-DICHLOROPROPENE	ND	1.	UG/L		VOGCHAN201
DIBROMOCHLOROMETHANE	ND	1.00	UG/L		VOGCHAN201
DICHLORODIFLUOROMETHANE	ND	5.	UG/L		VOGCHAN201
ETHYLBENZENE	ND	0.500	UG/L		VOGCPAN101
METHYLENE CHLORIDE	ND	2.	UG/L		VOGCHAN201
TETRACHLOROETHENE	ND	0.500	UG/L		VOGCHAN201
TOLUENE	ND	0.500	UG/L		VOGCPAN101
TRANS-1,2-DICHLOROETHENE	ND	0.500	UG/L		VOGCHAN201
TRANS-1,3-DICHLOROPROPENE	ND	1.	UG/L		VOGCHAN201
TRICHLOROETHENE	ND	0.500	UG/L		VOGCHAN201
TRICHLOROFLUOROMETHANE	ND	2.	UG/L		VOGCHAN201
VINYL CHLORIDE	ND	1.00	UG/L		VOGCHAN201

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: DUP
Sample Type: WELL
Sample Number: AH1573

ENS: 93-11745
MP: 562931
REV: 03

Sampled: 28-MAY-1993
Received: 29-MAY-1993
Reported: 9-JUL-1993

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	229.93		FT		FDWDTWTC01
GROUNDWATER ELEV.	289.61		FT MSL		FDWGWELWDT
PH FIELD	7.08		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	638		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	21.6		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	313.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		VOMSBAO322
1,1,1-TRICHLOROETHANE	12.	1.20	UG/L		VOGCHAN201
1,1,1-TRICHLOROETHANE	12.	10.	UG/L		VOMSBAO322
1,1,2,2-TETRACHLOROETHANE	ND	2.	UG/L		VOGCHAN201
1,1,2,2-TETRACHLOROETHANE	ND	20.	UG/L		VOMSBAO322
1,1,2-TRICHLOROETHANE	ND	1.	UG/L		VOGCHAN201
1,1,2-TRICHLOROETHANE	ND	20.	UG/L		VOMSBAO322
1,1-DICHLOROETHANE	ND	1.20	UG/L		VOGCHAN201
1,1-DICHLOROETHANE	ND	10.	UG/L		VOMSBAO322
1,1-DICHLOROETHENE	9.	1.20	UG/L		VOGCHAN201
1,1-DICHLOROETHENE	ND	10.	UG/L		VOMSBAO322
1,2-DICHLOROBENZENE	ND	1.20	UG/L		VOGCHAN201
1,2-DICHLOROBENZENE	ND	1.00	UG/L		VOGCPAN101
1,2-DICHLOROBENZENE	ND	10.	UG/L		VOMSBAO322
1,2-DICHLOROETHANE	ND	1.	UG/L		VOGCHAN201
1,2-DICHLOROETHANE	ND	10.	UG/L		VOMSBAO322
1,2-DICHLOROPROPANE	ND	3.	UG/L		VOGCHAN201
1,2-DICHLOROPROPANE	ND	10.	UG/L		VOMSBAO322
1,3-DICHLOROBENZENE	ND	3.00	UG/L		VOGCHAN201
1,3-DICHLOROBENZENE	ND	1.	UG/L		VOGCPAN101
1,3-DICHLOROBENZENE	ND	10.	UG/L		VOMSBAO322
1,4-DICHLOROBENZENE	ND	2.40	UG/L		VOGCHAN201
1,4-DICHLOROBENZENE	ND	1.	UG/L		VOGCPAN101
1,4-DICHLOROBENZENE	ND	10.	UG/L		VOMSBAO322
2-BUTANONE	ND	50.	UG/L		VOMSBAO322
2-CHLOROETHYLVINYL ETHER	ND	12.	UG/L	ST	VOGCHAN201
2-CHLOROETHYLVINYL ETHER	ND	40.	UG/L	ST	VOMSBAO322
4-METHYL-2-PENTANONE	ND	50.	UG/L		VOMSBAO322
ACETONE	ND	120	UG/L		VOMSBAO322
BENZENE	ND	0.500	UG/L		VOGCPAN101
BENZENE	ND	5.	UG/L		VOMSBAO322
BROMODICHLOROMETHANE	ND	1.	UG/L		VOGCHAN201
BROMODICHLOROMETHANE	ND	10.	UG/L		VOMSBAO322
BROMOFORM	ND	2.	UG/L		VOGCHAN201
BROMOFORM	ND	10.	UG/L		VOMSBAO322
BROMOMETHANE	ND	5.	UG/L		VOGCHAN201
BROMOMETHANE	ND	10.	UG/L		VOMSBAO322
CARBON TETRACHLORIDE	ND	1.20	UG/L		VOGCHAN201
CARBON TETRACHLORIDE	ND	5.	UG/L		VOMSBAO322
CHLOROBENZENE	ND	1.20	UG/L		VOGCHAN201
CHLOROBENZENE	ND	0.500	UG/L		VOGCPAN101
CHLOROBENZENE	ND	10.	UG/L		VOMSBAO322
CHLOROETHANE	ND	2.	UG/L		VOGCHAN201
CHLOROETHANE	ND	20.	UG/L		VOMSBAO322
CHLOROFORM	ND	1.20	UG/L		VOGCHAN201
CHLOROFORM	ND	10.	UG/L		VOMSBAO322
CHLOROMETHANE	ND	1.	UG/L		VOGCHAN201
CHLOROMETHANE	ND	20.	UG/L		VOMSBAO322
CIS-1,3-DICHLOROPROPENE	ND	2.	UG/L		VOGCHAN201
CIS-1,3-DICHLOROPROPENE	ND	10.	UG/L		VOMSBAO322
DIBROMOCHLOROMETHANE	ND	2.40	UG/L		VOGCHAN201

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Item	Additional Comment Explanations (NQ/DL)
VOGCHAN201	Dilution factor 3 applied.
VOMSBAO322	Dilution factor 5 applied.

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

C L I E N T R E P O R T

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: DUP
Sample Type: WELL
Sample Number: AH1573

ENS: 93-11745
MP: 562931
REV: 03

Sampled: 28-MAY-1993
Received: 29-MAY-1993
Reported: 9-JUL-1993

Analyte	Result	P Q L	Units	Comments	Method
DIBROMOCHLOROMETHANE	ND	20.	UG/L		VOMSBAO322
DICHLORODIFLUOROMETHANE	ND	5.	UG/L		VOGCHAN201
ETHYLBENZENE	ND	0.500	UG/L		VOGCPAN101
ETHYLBENZENE	ND	10.	UG/L		VOMSBAO322
METHYLENE CHLORIDE	ND	2.	UG/L		VOGCHAN201
METHYLENE CHLORIDE	ND	25.	UG/L		VOMSBAO322
O-XYLENE	ND	10.	UG/L		VOMSBAO322
TETRACHLOROETHENE	110.	1.20	UG/L		VOGCHAN201
TETRACHLOROETHENE	170.	10.	UG/L		VOMSBAO322
TOLUENE	ND	0.500	UG/L		VOGCPAN101
TOLUENE	ND	10.	UG/L		VOMSBAO322
TRANS-1,2-DICHLOROETHENE	ND	0.600	UG/L		VOGCHAN201
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		VOMSBAO322
TRANS-1,3-DICHLOROPROPENE	ND	1.	UG/L		VOGCHAN201
TRANS-1,3-DICHLOROPROPENE	ND	10.	UG/L		VOMSBAO322
TRICHLOROETHENE	27.	1.50	UG/L		VOGCHAN201
TRICHLOROETHENE	38.	10.	UG/L		VOMSBAO322
TRICHLOROFLUOROMETHANE	ND	2.	UG/L		VOGCHAN201
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		VOMSBAO322
VINYL CHLORIDE	ND	2.40	UG/L		VOGCHAN201
VINYL CHLORIDE	ND	20.	UG/L		VOMSBAO322

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW01
Sample Type: WELL
Sample Number: AH1567

ENS: 93-11745
MP: 562931
REV: 03

Sampled: 27-MAY-1993
Received: 29-MAY-1993
Reported: 9-JUL-1993

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	237.89		FT		FDWDTWTC01
GROUNDWATER ELEV.	291.31		FT MSL		FDWGWELWDT
PH FIELD	7.08		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	629		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	21.3		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	328.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		VOMSBA0322
1,1,1-TRICHLOROETHANE	3.	0.572	UG/L		VOGCHAN201
1,1,1-TRICHLOROETHANE	ND	5.	UG/L		VOMSBA0322
1,1,2,2-TETRACHLOROETHANE	ND	2.	UG/L		VOGCHAN201
1,1,2,2-TETRACHLOROETHANE	ND	5.	UG/L		VOMSBA0322
1,1,2-TRICHLOROETHANE	ND	1.	UG/L		VOGCHAN201
1,1,2-TRICHLOROETHANE	ND	5.	UG/L		VOMSBA0322
1,1-DICHLOROETHANE	ND	0.572	UG/L		VOGCHAN201
1,1-DICHLOROETHANE	ND	5.	UG/L		VOMSBA0322
1,1-DICHLOROETHENE	6.	0.572	UG/L		VOGCHAN201
1,1-DICHLOROETHENE	ND	5.	UG/L		VOMSBA0322
1,2-DICHLOROBENZENE	ND	1.00	UG/L		VOGCHAN201
1,2-DICHLOROBENZENE	ND	1.00	UG/L		VOGCPAN101
1,2-DICHLOROBENZENE	ND	10.	UG/L		VOMSBA0322
1,2-DICHLOROETHANE	ND	1.	UG/L		VOGCHAN201
1,2-DICHLOROETHANE	ND	5.	UG/L		VOMSBA0322
1,2-DICHLOROPROPANE	ND	1.	UG/L		VOGCHAN201
1,2-DICHLOROPROPANE	ND	5.	UG/L		VOMSBA0322
1,3-DICHLOROBENZENE	ND	1.43	UG/L		VOGCHAN201
1,3-DICHLOROBENZENE	ND	1.	UG/L		VOGCPAN101
1,3-DICHLOROBENZENE	ND	10.	UG/L		VOMSBA0322
1,4-DICHLOROBENZENE	ND	1.14	UG/L		VOGCHAN201
1,4-DICHLOROBENZENE	ND	1.	UG/L		VOGCPAN101
1,4-DICHLOROBENZENE	ND	10.	UG/L		VOMSBA0322
2-BUTANONE	ND	10.	UG/L		VOMSBA0322
2-CHLOROETHYLVINYL ETHER	ND	9.	UG/L	ST	VOGCHAN201
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	VOMSBA0322
4-METHYL-2-PENTANONE	ND	10.	UG/L		VOMSBA0322
ACETONE	ND	34.	UG/L		VOMSBA0322
BENZENE	ND	0.500	UG/L		VOGCPAN101
BENZENE	ND	5.	UG/L		VOMSBA0322
BROMODICHLOROMETHANE	ND	1.	UG/L		VOGCHAN201
BROMODICHLOROMETHANE	ND	5.	UG/L		VOMSBA0322
BROMOFORM	ND	2.	UG/L		VOGCHAN201
BROMOFORM	ND	5.	UG/L		VOMSBA0322
BROMOMETHANE	ND	5.	UG/L		VOGCHAN201
BROMOMETHANE	ND	10.	UG/L		VOMSBA0322
CARBON TETRACHLORIDE	ND	0.572	UG/L		VOGCHAN201
CARBON TETRACHLORIDE	ND	5.	UG/L		VOMSBA0322
CHLOROBENZENE	ND	0.572	UG/L		VOGCHAN201
CHLOROBENZENE	ND	0.500	UG/L		VOGCPAN101
CHLOROBENZENE	ND	5.	UG/L		VOMSBA0322
CHLOROETHANE	ND	1.	UG/L		VOGCHAN201
CHLOROETHANE	ND	10.	UG/L		VOMSBA0322
CHLOROFORM	ND	0.572	UG/L		VOGCHAN201
CHLOROFORM	ND	5.	UG/L		VOMSBA0322
CHLOROMETHANE	ND	1.	UG/L		VOGCHAN201
CHLOROMETHANE	ND	10.	UG/L		VOMSBA0322
CIS-1,3-DICHLOROPROPENE	ND	1.	UG/L		VOGCHAN201
CIS-1,3-DICHLOROPROPENE	ND	5.	UG/L		VOMSBA0322
DIBROMOCHLOROMETHANE	ND	1.14	UG/L		VOGCHAN201
DIBROMOCHLOROMETHANE	ND	5.	UG/L		VOMSBA0322

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Item	Additional Comment Explanations (NQ/DL)
VOGCHAN201	Dilution factor 1.43 applied.

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

C L I E N T R E P O R T

Site: 562 — O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW01
Sample Type: WELL
Sample Number: AH1567

ENS: 93-11745
MP: 562931
REV: 03

Sampled: 27-MAY-1993
Received: 29-MAY-1993
Reported: 9-JUL-1993

Analyte	Result	P Q L	Units	Comments	Method
DICHLORODIFLUOROMETHANE	ND	5.	UG/L		VOGCHAN201
ETHYLBENZENE	ND	0.500	UG/L		VOGCPAN101
ETHYLBENZENE	ND	5.	UG/L		VOMSBA0322
METHYLENE CHLORIDE	ND	2.	UG/L		VOGCHAN201
METHYLENE CHLORIDE	ND	5.	UG/L		VOMSBA0322
O-XYLENE	ND	10.	UG/L		VOMSBA0322
TETRACHLOROETHENE	39.	0.572	UG/L		VOGCHAN201
TETRACHLOROETHENE	ND	5.	UG/L		VOMSBA0322
TOLUENE	ND	0.500	UG/L		VOGCPAN101
TOLUENE	ND	5.	UG/L		VOMSBA0322
TRANS-1,2-DICHLOROETHENE	ND	0.500	UG/L		VOGCHAN201
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		VOMSBA0322
TRANS-1,3-DICHLOROPROPENE	ND	1.	UG/L		VOGCHAN201
TRANS-1,3-DICHLOROPROPENE	ND	5.	UG/L		VOMSBA0322
TRICHLOROETHENE	28.	0.715	UG/L		VOGCHAN201
TRICHLOROETHENE	ND	5.	UG/L		VOMSBA0322
TRICHLOROFLUOROMETHANE	ND	2.	UG/L		VOGCHAN201
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		VOMSBA0322
VINYL CHLORIDE	ND	1.14	UG/L		VOGCHAN201
VINYL CHLORIDE	ND	10.	UG/L		VOMSBA0322

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW02
Sample Type: WELL
Sample Number: AH1569

ENS: 93-11745
MP: 562931
REV: 03

Sampled: 27-MAY-1993
Received: 29-MAY-1993
Reported: 9-JUL-1993

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	236.07		FT		FDWDTWTC01
GROUNDWATER ELEV.	289.54		FT MSL		FDWGWELWDT
PH FIELD	7.08		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	626		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	21.0		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	325.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
1,1,1-TRICHLOROETHANE	20.	1.20	UG/L		VOGCHAN201
1,1,2,2-TETRACHLOROETHANE	ND	2.	UG/L		VOGCHAN201
1,1,2-TRICHLOROETHANE	ND	1.	UG/L		VOGCHAN201
1,1-DICHLOROETHANE	ND	1.20	UG/L		VOGCHAN201
1,1-DICHLOROETHENE	17.	1.20	UG/L		VOGCHAN201
1,2-DICHLOROBENZENE	ND	1.20	UG/L		VOGCHAN201
1,2-DICHLOROBENZENE	ND	1.00	UG/L		VOGCPAN101
1,2-DICHLOROETHANE	ND	1.	UG/L		VOGCHAN201
1,2-DICHLOROPROPANE	ND	3.	UG/L		VOGCHAN201
1,3-DICHLOROBENZENE	ND	3.00	UG/L		VOGCHAN201
1,3-DICHLOROBENZENE	ND	1.	UG/L		VOGCPAN101
1,4-DICHLOROBENZENE	ND	2.40	UG/L		VOGCHAN201
1,4-DICHLOROBENZENE	ND	1.	UG/L		VOGCPAN101
2-CHLOROETHYLVINYL ETHER	ND	12.	UG/L	ST	VOGCHAN201
BENZENE	ND	0.500	UG/L		VOGCPAN101
BROMODICHLOROMETHANE	ND	1.	UG/L		VOGCHAN201
BROMOFORM	ND	2.	UG/L		VOGCHAN201
BROMOMETHANE	ND	5.	UG/L		VOGCHAN201
CARBON TETRACHLORIDE	ND	1.20	UG/L		VOGCHAN201
CHLOROBENZENE	ND	1.20	UG/L		VOGCHAN201
CHLOROBENZENE	ND	0.500	UG/L		VOGCPAN101
CHLOROETHANE	ND	2.	UG/L		VOGCHAN201
CHLOROFORM	ND	1.20	UG/L		VOGCHAN201
CHLOROMETHANE	ND	1.	UG/L		VOGCHAN201
CIS-1,3-DICHLOROPROPENE	ND	2.	UG/L		VOGCHAN201
DIBROMOCHLOROMETHANE	ND	2.40	UG/L		VOGCHAN201
DICHLORODIFLUOROMETHANE	ND	5.	UG/L		VOGCHAN201
ETHYLBENZENE	ND	0.500	UG/L		VOGCPAN101
METHYLENE CHLORIDE	ND	2.	UG/L		VOGCHAN201
TETRACHLOROETHENE	150.	1.20	UG/L		VOGCHAN201
TOLUENE	ND	0.500	UG/L		VOGCPAN101
TRANS-1,2-DICHLOROETHENE	ND	0.600	UG/L		VOGCHAN201
TRANS-1,3-DICHLOROPROPENE	ND	1.	UG/L		VOGCHAN201
TRICHLOROETHENE	47.	1.50	UG/L		VOGCHAN201
TRICHLOROFLUOROMETHANE	ND	2.	UG/L		VOGCHAN201
VINYL CHLORIDE	ND	2.40	UG/L		VOGCHAN201

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Item	Additional Comment Explanations (NQ/DL)
VOGCHAN201	Dilution factor 3 applied.

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW03
Sample Type: WELL
Sample Number: AH1570

ENS: 93-11745
MP: 562931
REV: 03

Sampled: 28-MAY-1993
Received: 29-MAY-1993
Reported: 9-JUL-1993

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	227.89		FT		FDWDTWTC01
GROUNDWATER ELEV.	291.05		FT MSL		FDWGWELWDT
PH FIELD	6.96		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	672		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	21.1		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	319.50		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		VOMSBA0322
1,1,1-TRICHLOROETHANE	2.	0.600	UG/L		VOGCHAN201
1,1,1-TRICHLOROETHANE	ND	5.	UG/L		VOMSBA0322
1,1,2,2-TETRACHLOROETHANE	ND	2.	UG/L		VOGCHAN201
1,1,2,2-TETRACHLOROETHANE	ND	6.	UG/L		VOMSBA0322
1,1,2-TRICHLOROETHANE	ND	1.	UG/L		VOGCHAN201
1,1,2-TRICHLOROETHANE	ND	6.	UG/L		VOMSBA0322
1,1-DICHLOROETHANE	ND	0.600	UG/L		VOGCHAN201
1,1-DICHLOROETHANE	ND	5.	UG/L		VOMSBA0322
1,1-DICHLOROETHENE	4.	0.600	UG/L		VOGCHAN201
1,1-DICHLOROETHENE	ND	5.	UG/L		VOMSBA0322
1,2-DICHLOROBENZENE	ND	1.00	UG/L		VOGCHAN201
1,2-DICHLOROBENZENE	ND	1.00	UG/L		VOGCPAN101
1,2-DICHLOROBENZENE	ND	10.	UG/L		VOMSBA0322
1,2-DICHLOROETHANE	ND	1.	UG/L		VOGCHAN201
1,2-DICHLOROETHANE	ND	5.	UG/L		VOMSBA0322
1,2-DICHLOROPROPANE	ND	2.	UG/L		VOGCHAN201
1,2-DICHLOROPROPANE	ND	5.	UG/L		VOMSBA0322
1,3-DICHLOROBENZENE	ND	1.50	UG/L		VOGCHAN201
1,3-DICHLOROBENZENE	ND	1.	UG/L		VOGCPAN101
1,3-DICHLOROBENZENE	ND	10.	UG/L		VOMSBA0322
1,4-DICHLOROBENZENE	ND	1.20	UG/L		VOGCHAN201
1,4-DICHLOROBENZENE	ND	1.	UG/L		VOGCPAN101
1,4-DICHLOROBENZENE	ND	10.	UG/L		VOMSBA0322
2-BUTANONE	ND	14.	UG/L		VOMSBA0322
2-CHLOROETHYLVINYL ETHER	ND	9.	UG/L	ST	VOGCHAN201
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	VOMSBA0322
4-METHYL-2-PENTANONE	ND	14.	UG/L		VOMSBA0322
ACETONE	ND	34.	UG/L		VOMSBA0322
BENZENE	ND	0.500	UG/L		VOGCPAN101
BENZENE	ND	5.	UG/L		VOMSBA0322
BROMODICHLOROMETHANE	ND	1.	UG/L		VOGCHAN201
BROMODICHLOROMETHANE	ND	5.	UG/L		VOMSBA0322
BROMOFORM	ND	2.	UG/L		VOGCHAN201
BROMOFORM	ND	5.	UG/L		VOMSBA0322
BROMOMETHANE	ND	5.	UG/L		VOGCHAN201
BROMOMETHANE	ND	10.	UG/L		VOMSBA0322
CARBON TETRACHLORIDE	ND	0.600	UG/L		VOGCHAN201
CARBON TETRACHLORIDE	ND	5.	UG/L		VOMSBA0322
CHLOROBENZENE	ND	0.600	UG/L		VOGCHAN201
CHLOROBENZENE	ND	0.500	UG/L		VOGCPAN101
CHLOROBENZENE	ND	5.	UG/L		VOMSBA0322
CHLOROETHANE	ND	1.	UG/L		VOGCHAN201
CHLOROETHANE	ND	10.	UG/L		VOMSBA0322
CHLOROFORM	ND	0.600	UG/L		VOGCHAN201
CHLOROFORM	ND	5.	UG/L		VOMSBA0322
CHLOROMETHANE	ND	1.	UG/L		VOGCHAN201
CHLOROMETHANE	ND	10.	UG/L		VOMSBA0322
CIS-1,3-DICHLOROPROPENE	ND	1.	UG/L		VOGCHAN201
CIS-1,3-DICHLOROPROPENE	ND	5.	UG/L		VOMSBA0322
DIBROMOCHLOROMETHANE	ND	1.20	UG/L		VOGCHAN201

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Item	Additional Comment Explanations (NQ/DL)
VOGCHAN201	Dilution factor 1.5 applied.
VOMSBA0322	Dilution factor 1.43 applied.

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

C L I E N T R E P O R T

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW03
Sample Type: WELL
Sample Number: AH1570

ENS: 93-11745
MP: 562931
REV: 03

Sampled: 28-MAY-1993
Received: 29-MAY-1993
Reported: 9-JUL-1993

Analyte	Result	P Q L	Units	Comments	Method
DIBROMOCHLOROMETHANE	ND	6.	UG/L		VOMSBA0322
DICHLORODIFLUOROMETHANE	ND	5.	UG/L		VOGCHAN201
ETHYLBENZENE	ND	0.500	UG/L		VOGCPAN101
ETHYLBENZENE	ND	5.	UG/L		VOMSBA0322
METHYLENE CHLORIDE	ND	2.	UG/L		VOGCHAN201
METHYLENE CHLORIDE	ND	7.	UG/L		VOMSBA0322
O-XYLENE	ND	10.	UG/L		VOMSBA0322
TETRACHLOROETHENE	35.	0.600	UG/L		VOGCHAN201
TETRACHLOROETHENE	47.	5.	UG/L		VOMSBA0322
TOLUENE	ND	0.500	UG/L		VOGCPAN101
TOLUENE	ND	5.	UG/L		VOMSBA0322
TRANS-1,2-DICHLOROETHENE	ND	0.500	UG/L		VOGCHAN201
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		VOMSBA0322
TRANS-1,3-DICHLOROPROPENE	ND	1.	UG/L		VOGCHAN201
TRANS-1,3-DICHLOROPROPENE	ND	5.	UG/L		VOMSBA0322
TRICHLOROETHENE	35.	0.750	UG/L		VOGCHAN201
TRICHLOROETHENE	48.	5.	UG/L		VOMSBA0322
TRICHLOROFLUOROMETHANE	ND	2.	UG/L		VOGCHAN201
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		VOMSBA0322
VINYL CHLORIDE	ND	1.20	UG/L		VOGCHAN201
VINYL CHLORIDE	ND	10.	UG/L		VOMSBA0322

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 — O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW04
Sample Type: WELL
Sample Number: AH1571

ENS: 93-11745
MP: 562931
REV: 03

Sampled: 27-MAY-1993
Received: 29-MAY-1993
Reported: 9-JUL-1993

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	230.02		FT		FDWDTWTC01
GROUNDWATER ELEV.	290.32		FT MSL		FDWGWELWDT
PH FIELD	6.95		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	662		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	20.4		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	318.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
1,1,1-TRICHLOROETHANE	23.	2.00	UG/L		VOGCHAN201
1,1,2,2-TETRACHLOROETHANE	ND	2.	UG/L		VOGCHAN201
1,1,2-TRICHLOROETHANE	ND	1.	UG/L		VOGCHAN201
1,1-DICHLOROETHANE	ND	2.00	UG/L		VOGCHAN201
1,1-DICHLOROETHENE	23.	2.00	UG/L		VOGCHAN201
1,2-DICHLOROBENZENE	ND	2.00	UG/L		VOGCHAN201
1,2-DICHLOROBENZENE	ND	1.00	UG/L		VOGCPAN101
1,2-DICHLOROETHANE	ND	2.	UG/L		VOGCHAN201
1,2-DICHLOROPROPANE	ND	5.	UG/L		VOGCHAN201
1,3-DICHLOROBENZENE	ND	5.00	UG/L		VOGCHAN201
1,3-DICHLOROBENZENE	ND	1.	UG/L		VOGCPAN101
1,4-DICHLOROBENZENE	ND	4.00	UG/L		VOGCHAN201
1,4-DICHLOROBENZENE	ND	1.	UG/L		VOGCPAN101
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	VOGCHAN201
BENZENE	ND	0.500	UG/L		VOGCPAN101
BROMODICHLOROMETHANE	ND	2.	UG/L		VOGCHAN201
BROMOFORM	ND	4.	UG/L		VOGCHAN201
BROMOMETHANE	ND	5.	UG/L		VOGCHAN201
CARBON TETRACHLORIDE	ND	2.00	UG/L		VOGCHAN201
CHLOROBENZENE	ND	2.00	UG/L		VOGCHAN201
CHLOROBENZENE	ND	0.500	UG/L		VOGCPAN101
CHLOROETHANE	ND	4.	UG/L		VOGCHAN201
CHLOROFORM	ND	2.00	UG/L		VOGCHAN201
CHLOROMETHANE	ND	2.	UG/L		VOGCHAN201
CIS-1,3-DICHLOROPROPENE	ND	4.	UG/L		VOGCHAN201
DIBROMOCHLOROMETHANE	ND	4.00	UG/L		VOGCHAN201
DICHLORODIFLUOROMETHANE	ND	5.	UG/L		VOGCHAN201
ETHYLBENZENE	ND	0.500	UG/L		VOGCPAN101
METHYLENE CHLORIDE	ND	4.	UG/L		VOGCHAN201
TETRACHLOROETHENE	180.	2.00	UG/L		VOGCHAN201
TOLUENE	ND	0.500	UG/L		VOGCPAN101
TRANS-1,2-DICHLOROETHENE	ND	1.00	UG/L		VOGCHAN201
TRANS-1,3-DICHLOROPROPENE	ND	2.	UG/L		VOGCHAN201
TRICHLOROETHENE	79.	2.50	UG/L		VOGCHAN201
TRICHLOROFLUOROMETHANE	ND	2.	UG/L		VOGCHAN201
VINYL CHLORIDE	ND	4.00	UG/L		VOGCHAN201

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Item	Additional Comment Explanations (NQ/DL)
VOGCHAN201	Dilution factor 5 applied.

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 — O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW05
Sample Type: WELL
Sample Number: AH1572

ENS: 93-11745
MP: 562931
REV: 03

Sampled: 28-MAY-1993
Received: 29-MAY-1993
Reported: 9-JUL-1993

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	229.93		FT		FDWDTWTC01
GROUNDWATER ELEV.	289.61		FT MSL		FDWGWELWDT
PH FIELD	7.08		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	638		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	21.6		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	313.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		VOMSBAO322
1,1,1-TRICHLOROETHANE	15.	1.20	UG/L		VOGCHAN201
1,1,1-TRICHLOROETHANE	12.	10.	UG/L		VOMSBAO322
1,1,2,2-TETRACHLOROETHANE	ND	2.	UG/L		VOGCHAN201
1,1,2,2-TETRACHLOROETHANE	ND	20.	UG/L		VOMSBAO322
1,1,2-TRICHLOROETHANE	ND	1.	UG/L		VOGCHAN201
1,1,2-TRICHLOROETHANE	ND	20.	UG/L		VOMSBAO322
1,1-DICHLOROETHANE	ND	1.20	UG/L		VOGCHAN201
1,1-DICHLOROETHANE	ND	10.	UG/L		VOMSBAO322
1,1-DICHLOROETHENE	12.	1.20	UG/L		VOGCHAN201
1,1-DICHLOROETHENE	ND	10.	UG/L		VOMSBAO322
1,2-DICHLOROBENZENE	ND	1.20	UG/L		VOGCHAN201
1,2-DICHLOROBENZENE	ND	1.00	UG/L		VOGCPAN101
1,2-DICHLOROBENZENE	ND	10.	UG/L		VOMSBAO322
1,2-DICHLOROETHANE	ND	1.	UG/L		VOGCHAN201
1,2-DICHLOROETHANE	ND	10.	UG/L		VOMSBAO322
1,2-DICHLOROPROPANE	ND	3.	UG/L		VOGCHAN201
1,2-DICHLOROPROPANE	ND	10.	UG/L		VOMSBAO322
1,3-DICHLOROBENZENE	ND	3.00	UG/L		VOGCHAN201
1,3-DICHLOROBENZENE	ND	1.	UG/L		VOGCPAN101
1,3-DICHLOROBENZENE	ND	10.	UG/L		VOMSBAO322
1,4-DICHLOROBENZENE	ND	2.40	UG/L		VOGCHAN201
1,4-DICHLOROBENZENE	ND	1.	UG/L		VOGCPAN101
1,4-DICHLOROBENZENE	ND	10.	UG/L		VOMSBAO322
2-BUTANONE	ND	50.	UG/L		VOMSBAO322
2-CHLOROETHYLVINYL ETHER	ND	12.	UG/L	ST	VOGCHAN201
2-CHLOROETHYLVINYL ETHER	ND	40.	UG/L	ST	VOMSBAO322
4-METHYL-2-PENTANONE	ND	50.	UG/L		VOMSBAO322
ACETONE	ND	120	UG/L		VOMSBAO322
BENZENE	ND	0.500	UG/L		VOGCPAN101
BENZENE	ND	5.	UG/L		VOMSBAO322
BROMODICHLOROMETHANE	ND	1.	UG/L		VOGCHAN201
BROMODICHLOROMETHANE	ND	10.	UG/L		VOMSBAO322
BROMOFORM	ND	2.	UG/L		VOGCHAN201
BROMOFORM	ND	10.	UG/L		VOMSBAO322
BROMOMETHANE	ND	5.	UG/L		VOGCHAN201
BROMOMETHANE	ND	10.	UG/L		VOMSBAO322
CARBON TETRACHLORIDE	ND	1.20	UG/L		VOGCHAN201
CARBON TETRACHLORIDE	ND	5.	UG/L		VOMSBAO322
CHLOROBENZENE	ND	1.20	UG/L		VOGCHAN201
CHLOROBENZENE	ND	0.500	UG/L		VOGCPAN101
CHLOROBENZENE	ND	10.	UG/L		VOMSBAO322
CHLOROETHANE	ND	2.	UG/L		VOGCHAN201
CHLOROETHANE	ND	20.	UG/L		VOMSBAO322
CHLOROFORM	2.	1.20	UG/L		VOGCHAN201
CHLOROFORM	ND	10.	UG/L		VOMSBAO322
CHLOROMETHANE	ND	1.	UG/L		VOGCHAN201
CHLOROMETHANE	ND	20.	UG/L		VOMSBAO322
CIS-1,3-DICHLOROPROPENE	ND	2.	UG/L		VOGCHAN201
CIS-1,3-DICHLOROPROPENE	ND	10.	UG/L		VOMSBAO322
DIBROMOCHLOROMETHANE	ND	2.40	UG/L		VOGCHAN201

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Item	Additional Comment Explanations (NQ/DL)
VOGCHAN201	Dilution factor 3 applied.
VOMSBAO322	Dilution factor 5 applied.

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

C L I E N T R E P O R T

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW05
Sample Type: WELL
Sample Number: AH1572

ENS: 93-11745
MP: 562931
REV: 03

Sampled: 28-MAY-1993
Received: 29-MAY-1993
Reported: 9-JUL-1993

Analyte	Result	P Q L	Units	Comments	Method
DIBROMOCHLOROMETHANE	ND	20.	UG/L		VOMSBA0322
DICHLORODIFLUOROMETHANE	ND	5.	UG/L		VOGCHAN201
ETHYLBENZENE	ND	0.500	UG/L		VOGCPAN101
ETHYLBENZENE	ND	10.	UG/L		VOMSBA0322
METHYLENE CHLORIDE	ND	2.	UG/L		VOGCHAN201
METHYLENE CHLORIDE	ND	25.	UG/L		VOMSBA0322
O-XYLENE	ND	10.	UG/L		VOMSBA0322
TETRACHLOROETHENE	130.	1.20	UG/L		VOGCHAN201
TETRACHLOROETHENE	190.	10.	UG/L		VOMSBA0322
TOLUENE	ND	0.500	UG/L		VOGCPAN101
TOLUENE	ND	10.	UG/L		VOMSBA0322
TRANS-1,2-DICHLOROETHENE	ND	0.600	UG/L		VOGCHAN201
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		VOMSBA0322
TRANS-1,3-DICHLOROPROPENE	ND	1.	UG/L		VOGCHAN201
TRANS-1,3-DICHLOROPROPENE	ND	10.	UG/L		VOMSBA0322
TRICHLOROETHENE	34.	1.50	UG/L		VOGCHAN201
TRICHLOROETHENE	39.	10.	UG/L		VOMSBA0322
TRICHLOROFLUOROMETHANE	ND	2.	UG/L		VOGCHAN201
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		VOMSBA0322
VINYL CHLORIDE	ND	2.40	UG/L		VOGCHAN201
VINYL CHLORIDE	ND	20.	UG/L		VOMSBA0322

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

ATTACHMENT 2

PRELIMINARY ANALYTICAL RESULTS
JULY 1, 1993

WMI Environmental Monitoring Laboratories, Inc.

Analytical Report Transmittal Memorandum

JUL 1993
RECEIVED
Western Region
Environmental
Mgt. Dept.
C.W.M.I.

Date: July 15, 1993

To: Client(s) - see below

From: Dave Lundquist

Subject: O.S.C.O. 93-12717

Please find enclosed the current Client Report, Field Information Forms, and Field Chain-of-Custody Records for the recently completed event at O.S.C.O..

The data has been thoroughly reviewed and compared to historical data. We have tried to provide a report that is complete and of known and documented quality. Please take a moment to review the enclosed report to insure it meets your expectations.

If you have any questions, don't hesitate to call Donna Bierschenk at (708)208-3100.

Report Distribution:

Name	Report Type
Marc Yalom*	ALL +Diskette

* *Program Manager*

DATA QUALIFIER COMMENT CODE DEFINITIONS

AR: Acid surrogate recoveries did not meet the acceptance criteria of the method. Oxidative degradation due to sample matrix is suggested.

BB: Broken bottle.

BL: The method blank concentration associated with this analyte did not meet the acceptance criteria of the method.

CX: The concentration of this compound exceeded the calibration used for this analysis. The concentration reported is estimated.

CU: Co-elution with another compound interferes with the quantitation of this compound. The concentration reported is estimated.

DL: The sample was diluted during analysis. Reporting limits have been adjusted where necessary.

DP: This sample was analyzed in duplicate. The relative percent difference between the two results did not meet the acceptance criteria of the method.

DW: Dry well.

HS: Headspace in sample exceeded laboratory control limit. The reported results of the analysis may be less than the actual value.

IS: The internal standard recoveries associated with this analysis did not meet the acceptance criteria of the method.

IV: The bottle did not contain enough sample to perform the analysis.

MP: 3-methylphenol and 4-methylphenol co-elute under the analytical conditions of the method, and can not be differentiated solely on the basis of their mass spectra. The concentrations reported may be either or both isomers.

MX: This sample was used as a matrix spike. The percent recovery did not meet the acceptance criteria of the method. The analysis of a quality control standard showed the analytical system was in control. The result reported may therfore be affected by matrix interferences.

NN: N-nitrosodiphenylamine can not be distinguished from diphenylamine using gas chromatography. The concentrations reported may be either or both compounds.

NQ: No standard qualifier code is in use for this qualification. See the associated comment.

NS: There was not enough sample to repeat this analysis.

PL: This result may be a product of contamination from phthalate plasticizers, which are a common lab contaminant.

PX: This sample required preservation in the field to a pH of less than 2. The pH was checked before analysis and did not have a pH of less than 2.

PY: This sample required preservation in the field to a pH of 4 to 5. The pH was checked before analysis and did not have a pH of 4 to 5.

PZ: This sample required preservation in the field to a pH of 12 or greater. The pH was checked before analysis and did not have a pH of 12 or greater.

QX: This sample was used as a matrix spike. The percent recovery did not meet the acceptance criteria of the method. The analysis of a quality control standard showed the analytical system was out-of-control. The analytical result for this parameter in the unspiked sample is suspect and may not be reported for regulatory compliance purposes.

SB: The analysis of this sample was performed by an approved subcontract laboratory.

ST: This compound is not stable in acidic water.

SU: The analysis of the surrogate with this sample did not meet the acceptance criteria of the method.

TX: The analysis for this parameter was conducted after the holding time specified in the method.

UN: This compound is not stable under the conditions of the analysis.

*** DATA QUALIFIER REPORT ***

15-JUL-93

Please be aware of the following information associated with the client reports for the ENS number 93-12717.

SAMPLE NO.	METHOD ID	ANALYTE	CODE	DILUTION FACTOR
AH6589-A1	VOMSBAO322	EVERY ANALYTE FOR THIS METHOD	DL	7.14
AH6589-A1	VOMSBAO322	2-CHLOROETHYLVINYL ETHER	ST	
AH6589-B0	VOMSBAO322	2-CHLOROETHYLVINYL ETHER	ST	
AH6590-A1	VOMSBAO322	EVERY ANALYTE FOR THIS METHOD	DL	10
AH6590-A1	VOMSBAO322	2-CHLOROETHYLVINYL ETHER	ST	
AH6591-A3	VOMSBAO322	2-CHLOROETHYLVINYL ETHER	ST	

**** END OF REPORT *****

*** SUPPLEMENTAL COMMENT REPORT ***

15-JUL-93

Any additional codes or comments for the samples under the ENS number 93-12717.

SAMPLE NO.	METHOD ID	ANALYTE	CODE	DILUTION FACTOR

**** NO ADDITIONAL COMMENTS FOUND *****

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: 01FB
Sample Type: WELL
Sample Number: AH6591

ENS: 93-12717
MP: 562934
REV: 00

Sampled: 1-JUL-1993
Received: 2-JUL-1993
Reported: 15-JUL-1993

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	NA		FT		FDWDTWTC01
GROUNDWATER ELEV.	NA		FT MSL		FDWGWELWDT
PH FIELD	NA		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	NA		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	NA		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	NA		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		VOMSBA0322
1,1,1-TRICHLOROETHANE	ND	5.	UG/L		VOMSBA0322
1,1,2,2-TETRACHLOROETHANE	ND	5.	UG/L		VOMSBA0322
1,1,2-TRICHLOROETHANE	ND	5.	UG/L		VOMSBA0322
1,1-DICHLOROETHANE	ND	5.	UG/L		VOMSBA0322
1,1-DICHLOROETHENE	ND	5.	UG/L		VOMSBA0322
1,2-DICHLOROBENZENE	ND	10.	UG/L		VOMSBA0322
1,2-DICHLOROETHANE	ND	5.	UG/L		VOMSBA0322
1,2-DICHLOROPROPANE	ND	5.	UG/L		VOMSBA0322
1,3-DICHLOROBENZENE	ND	10.	UG/L		VOMSBA0322
1,4-DICHLOROBENZENE	ND	10.	UG/L		VOMSBA0322
2-BUTANONE	ND	10.	UG/L		VOMSBA0322
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	VOMSBA0322
4-METHYL-2-PENTANONE	ND	10.	UG/L		VOMSBA0322
ACETONE	ND	34.	UG/L		VOMSBA0322
BENZENE	ND	5.	UG/L		VOMSBA0322
BROMODICHLOROMETHANE	ND	5.	UG/L		VOMSBA0322
BROMOFORM	ND	5.	UG/L		VOMSBA0322
BROMOMETHANE	ND	10.	UG/L		VOMSBA0322
CARBON TETRACHLORIDE	ND	5.	UG/L		VOMSBA0322
CHLOROBENZENE	ND	5.	UG/L		VOMSBA0322
CHLOROETHANE	ND	10.	UG/L		VOMSBA0322
CHLOROFORM	ND	5.	UG/L		VOMSBA0322
CHLOROMETHANE	ND	10.	UG/L		VOMSBA0322
CIS-1,3-DICHLOROPROPENE	ND	5.	UG/L		VOMSBA0322
DIBROMOCHLOROMETHANE	ND	5.	UG/L		VOMSBA0322
ETHYLBENZENE	ND	5.	UG/L		VOMSBA0322
METHYLENE CHLORIDE	ND	5.	UG/L		VOMSBA0322
O-XYLENE	ND	10.	UG/L		VOMSBA0322
TETRACHLOROETHENE	ND	5.	UG/L		VOMSBA0322
TOLUENE	ND	5.	UG/L		VOMSBA0322
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		VOMSBA0322
TRANS-1,3-DICHLOROPROPENE	ND	5.	UG/L		VOMSBA0322
TRICHLOROETHENE	ND	5.	UG/L		VOMSBA0322
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		VOMSBA0322
VINYL CHLORIDE	ND	10.	UG/L		VOMSBA0322

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

C L I E N T R E P O R T

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW02
Sample Type: WELL
Sample Number: AH6590

ENS: 93-12717
MP: 562934
REV: 00

Sampled: 1-JUL-1993
Received: 2-JUL-1993
Reported: 15-JUL-1993

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	244.12		FT		FDWDTWTC01
GROUNDWATER ELEV.	281.46		FT MSL		FDWGWELWDT
PH FIELD	6.72		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	554		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	20.3		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	325.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	20.	UG/L		VOMSBA0322
1,1,1-TRICHLOROETHANE	75	20.	UG/L		VOMSBA0322
1,1,2,2-TETRACHLOROETHANE	ND	40.	UG/L		VOMSBA0322
1,1,2-TRICHLOROETHANE	ND	40.	UG/L		VOMSBA0322
1,1-DICHLOROETHANE	ND	20.	UG/L		VOMSBA0322
1,1-DICHLOROETHENE	59.	20.	UG/L		VOMSBA0322
1,2-DICHLOROBENZENE	ND	20.	UG/L		VOMSBA0322
1,2-DICHLOROETHANE	ND	20.	UG/L		VOMSBA0322
1,2-DICHLOROPROPANE	ND	20.	UG/L		VOMSBA0322
1,3-DICHLOROBENZENE	ND	20.	UG/L		VOMSBA0322
1,4-DICHLOROBENZENE	ND	20.	UG/L		VOMSBA0322
2-BUTANONE	ND	100	UG/L		VOMSBA0322
2-CHLOROETHYLVINYL ETHER	ND	80.	UG/L	ST	VOMSBA0322
4-METHYL-2-PENTANONE	ND	100	UG/L		VOMSBA0322
ACETONE	ND	240	UG/L		VOMSBA0322
BENZENE	ND	5.	UG/L		VOMSBA0322
BROMODICHLOROMETHANE	ND	20.	UG/L		VOMSBA0322
BROMOFORM	ND	20.	UG/L		VOMSBA0322
BROMOMETHANE	ND	20.	UG/L		VOMSBA0322
CARBON TETRACHLORIDE	ND	5.	UG/L		VOMSBA0322
CHLOROBENZENE	ND	20.	UG/L		VOMSBA0322
CHLOROETHANE	ND	40.	UG/L		VOMSBA0322
CHLOROFORM	ND	20.	UG/L		VOMSBA0322
CHLOROMETHANE	ND	40.	UG/L		VOMSBA0322
CIS-1,3-DICHLOROPROPENE	ND	20.	UG/L		VOMSBA0322
DIBROMOCHLOROMETHANE	ND	40.	UG/L		VOMSBA0322
ETHYLBENZENE	ND	20.	UG/L		VOMSBA0322
METHYLENE CHLORIDE	ND	50.	UG/L		VOMSBA0322
O-XYLENE	ND	20.	UG/L		VOMSBA0322
TETRACHLOROETHENE	450.	20.	UG/L		VOMSBA0322
TOLUENE	ND	20.	UG/L		VOMSBA0322
TRANS-1,2-DICHLOROETHENE	ND	20.	UG/L		VOMSBA0322
TRANS-1,3-DICHLOROPROPENE	ND	20.	UG/L		VOMSBA0322
TRICHLOROETHENE	150.	20.	UG/L		VOMSBA0322
TRICHLOROFLUOROMETHANE	ND	20.	UG/L		VOMSBA0322
VINYL CHLORIDE	ND	40.	UG/L		VOMSBA0322

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Item	Additional Comment Explanations (NQ/DL)
VOMSBA0322	Dilution factor 10 applied.

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

C L I E N T R E P O R T

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW04
Sample Type: WELL
Sample Number: AH6589

ENS: 93-12717
MP: 562934
REV: 00

Sampled: 1-JUL-1993
Received: 2-JUL-1993
Reported: 15-JUL-1993

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	236.68		FT		FDWDTWTC01
GROUNDWATER ELEV.	283.68		FT MSL		FDWGWELWDT
PH FIELD	6.54		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	560		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	19.8		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	318.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	14.	UG/L		VOMSBA0322
1,1,1-TRICHLOROETHANE	37.	14.	UG/L		VOMSBA0322
1,1,2,2-TETRACHLOROETHANE	ND	29.	UG/L		VOMSBA0322
1,1,2-TRICHLOROETHANE	ND	29.	UG/L		VOMSBA0322
1,1-DICHLOROETHANE	ND	14.	UG/L		VOMSBA0322
1,1-DICHLOROETHENE	32.	14.	UG/L		VOMSBA0322
1,2-DICHLOROBENZENE	ND	14.	UG/L		VOMSBA0322
1,2-DICHLOROETHANE	ND	14.	UG/L		VOMSBA0322
1,2-DICHLOROPROPANE	ND	14.	UG/L		VOMSBA0322
1,3-DICHLOROBENZENE	ND	14.	UG/L		VOMSBA0322
1,4-DICHLOROBENZENE	ND	14.	UG/L		VOMSBA0322
2-BUTANONE	ND	71.	UG/L		VOMSBA0322
2-CHLOROETHYLVINYL ETHER	ND	57.	UG/L	ST	VOMSBA0322
4-METHYL-2-PENTANONE	ND	71.	UG/L		VOMSBA0322
ACETONE	ND	170	UG/L		VOMSBA0322
BENZENE	ND	5.	UG/L		VOMSBA0322
BROMODICHLOROMETHANE	ND	14.	UG/L		VOMSBA0322
BROMOFORM	ND	14.	UG/L		VOMSBA0322
BROMOMETHANE	ND	14.	UG/L		VOMSBA0322
CARBON TETRACHLORIDE	ND	5.	UG/L		VOMSBA0322
CHLOROBENZENE	ND	14.	UG/L		VOMSBA0322
CHLOROETHANE	ND	29.	UG/L		VOMSBA0322
CHLOROFORM	ND	14.	UG/L		VOMSBA0322
CHLOROMETHANE	ND	29.	UG/L		VOMSBA0322
CIS-1,3-DICHLOROPROPENE	ND	14.	UG/L		VOMSBA0322
DIBROMOCHLOROMETHANE	ND	29.	UG/L		VOMSBA0322
ETHYLBENZENE	ND	14.	UG/L		VOMSBA0322
METHYLENE CHLORIDE	ND	36.	UG/L		VOMSBA0322
O-XYLENE	ND	14.	UG/L		VOMSBA0322
TETRACHLOROETHENE	330.	14.	UG/L		VOMSBA0322
TOLUENE	ND	14.	UG/L		VOMSBA0322
TRANS-1,2-DICHLOROETHENE	ND	14.	UG/L		VOMSBA0322
TRANS-1,3-DICHLOROPROPENE	ND	14.	UG/L		VOMSBA0322
TRICHLOROETHENE	150.	14.	UG/L		VOMSBA0322
TRICHLOROFLUOROMETHANE	ND	14.	UG/L		VOMSBA0322
VINYL CHLORIDE	ND	29.	UG/L		VOMSBA0322

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Item	Additional Comment Explanations (NQ/DL)
VOMSBA0322	Dilution factor 7.14 applied.

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

C L I E N T R E P O R T

Site: 562 — O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: TBK-MW04
Sample Type: WELL
Sample Number: AH6589

ENS: 93-12717
MP: 562934
REV: 00

Sampled: 1-JUL-1993
Received: 2-JUL-1993
Reported: 15-JUL-1993

Analyte	Result	P Q L	Units	Comments	Method
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.	UG/L		VOMSBA0322
1,1,1-TRICHLOROETHANE	ND	5.	UG/L		VOMSBA0322
1,1,2,2-TETRACHLOROETHANE	ND	5.	UG/L		VOMSBA0322
1,1,2-TRICHLOROETHANE	ND	5.	UG/L		VOMSBA0322
1,1-DICHLOROETHANE	ND	5.	UG/L		VOMSBA0322
1,1-DICHLOROETHENE	ND	5.	UG/L		VOMSBA0322
1,2-DICHLOROBENZENE	ND	10.	UG/L		VOMSBA0322
1,2-DICHLOROETHANE	ND	5.	UG/L		VOMSBA0322
1,2-DICHLOROPROPANE	ND	5.	UG/L		VOMSBA0322
1,3-DICHLOROBENZENE	ND	10.	UG/L		VOMSBA0322
1,4-DICHLOROBENZENE	ND	10.	UG/L		VOMSBA0322
2-BUTANONE	ND	10.	UG/L		VOMSBA0322
2-CHLOROETHYLVINYL ETHER	ND	20.	UG/L	ST	VOMSBA0322
4-METHYL-2-PENTANONE	ND	10.	UG/L		VOMSBA0322
ACETONE	ND	34.	UG/L		VOMSBA0322
BENZENE	ND	5.	UG/L		VOMSBA0322
BROMODICHLOROMETHANE	ND	5.	UG/L		VOMSBA0322
BROMOFORM	ND	5.	UG/L		VOMSBA0322
BROMOMETHANE	ND	10.	UG/L		VOMSBA0322
CARBON TETRACHLORIDE	ND	5.	UG/L		VOMSBA0322
CHLOROBENZENE	ND	5.	UG/L		VOMSBA0322
CHLOROETHANE	ND	10.	UG/L		VOMSBA0322
CHLOROFORM	ND	5.	UG/L		VOMSBA0322
CHLOROMETHANE	ND	10.	UG/L		VOMSBA0322
CIS-1,3-DICHLOROPROPENE	ND	5.	UG/L		VOMSBA0322
DIBROMOCHLOROMETHANE	ND	5.	UG/L		VOMSBA0322
ETHYLBENZENE	ND	5.	UG/L		VOMSBA0322
METHYLENE CHLORIDE	ND	5.	UG/L		VOMSBA0322
O-XYLENE	ND	10.	UG/L		VOMSBA0322
TETRACHLOROETHENE	ND	5.	UG/L		VOMSBA0322
TOLUENE	ND	5.	UG/L		VOMSBA0322
TRANS-1,2-DICHLOROETHENE	ND	10.	UG/L		VOMSBA0322
TRANS-1,3-DICHLOROPROPENE	ND	5.	UG/L		VOMSBA0322
TRICHLOROETHENE	ND	5.	UG/L		VOMSBA0322
TRICHLOROFLUOROMETHANE	ND	10.	UG/L		VOMSBA0322
VINYL CHLORIDE	ND	10.	UG/L		VOMSBA0322

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

Subcontract To: _____

WMX Environmental Monitoring Laboratories, Inc.

FIELD CHAIN-OF-CUSTODY RECORD

AquaPak™ PREP 2022
AquaPak™ # _____
Date Sealed 9 3 0 6 2 8 (YY / MM / DD)
Seal # 50725
By: _____

SITE/FACILITY # 562 SITE NAME: O.S.C.O

Sample Point: X 0 1 F B (Source Code)

SAMPLE DATE: 9 3 0 7 0 1 (YY / MM / DD)

SAMPLE TIME: 1 2 : 0 3 (2400 HR.) MATRIX CODE: W

Water (W) Soil (S) Leachate (C) Other (X)

Source Codes:
Well (W) Dewatering/Pressure Relief (D) Surface Water Impoundment (I) Leachate System (C) Gas Condensate (M) Air (A) Pretreatment Facility (P) Influent (U) Effluent (T) River/Stream/Brook (R) Lake or Ocean (L) Outfall (O) Soil (S) Bottom Sediment (B) Noise (N) Generation Pt. (G) Other (X) Specify _____

ENS # 93-12717

AquaPak™ CONTENT

SAMPLE I.D.	# OF BOTTLES	BOTTLE TYPE	PRESERVATIVE TYPE	ANALYTES/LAB GROUPS	FILTER Y — N	FIELD COMMENTS	E.M.L. COMMENTS
AH6591-A	04	G	HCL/COOL 4	DEG C VO	Y N		
~~AH6591-B~~	~~01~~	~~G~~	~~HCL/COOL 4~~	~~DEG C VO~~	Y N		~~TBK~~
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		

Cancel 6/22/93

CHAIN OF CUSTODY CHRONICLE

1. AquaPak™ Opened By: (print) RICK REED Date: 6/30/93 Time: 09:34 (2400 HR.)
Signature: Rick Reed Seal #: 50725 Intact: YES

I have received these materials in good condition from the above person.

2. Name: _____ Signature: _____
Date: / / Time: : (2400 HR.) Remarks: _____

I have received these materials in good condition from the above person.

3. Name: _____ Signature: _____
Date: / / Time: : (2400 HR.) Remarks: _____

4. AquaPak™/Sub Contr. # 2022 Sealed By: RICK REED (Print) Date: 7/1/93 Time: 14:44 (2400 HR.)
Signature: Rick Reed Seal #: 5044 Intact: YES

LAB USE ONLY
Opened By: (Signature) _____ Date: 7/2/93 Time: 7:55 (2400 HR.)
AquaPak™/Sub Contr. # 2022 Temp°C 3 Seal # 5044 Intact Y

EML FF-1A 12/92

WMI Environmental Monitoring Laboratories, Inc.

Site # 562

Bottle Set: AH6591

FIELD INFORMATION FORM

Sample Point: X01FB (Source Code)

PURGING INFORMATION

PURGE DATE (YY MM DD)	START PURGE (2400 Hr Clock)	ELAPSED HRS	WATER VOL. IN CASING (Gallons)	ACTUAL VOLUME PURGED (Gallons)

PURGING AND SAMPLING EQUIPMENT

Purging Equipment ..... Dedicated | Y | N | (circle one) Sampling Equipment ..... Dedicated | Y | N | (circle one)

N/A

Purging Device		A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- PURGING OTHER (SPECIFY)
Sampling Device		B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	
Purging Material		A-Teflon	C-Polypropylene	E-Polyethylene	X- PURGING OTHER (SPECIFY)
Sampling Material		B-Stainless Steel	D-PVC		X- SAMPLING OTHER (SPECIFY)
Tubing-Purging		A-Teflon	D-Polypropylene	F-Silicon	X- PURGING OTHER (SPECIFY)
Tubing-Sampling		B-Tygon C-Rope X- (SPECIFY)	E-Polyethylene	G-Combination teflon/ Polypropylene	X- SAMPLING OTHER (SPECIFY)
Filtering Devices 0.45 μ:		A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	(ft/msl)	Land Surface Elevation	(ft/msl)
Depth to water From top of well casing	(ft)	Depth to water From land surface	(ft)
Groundwater Elevation	(ft/msl)	Groundwater Elevation	(ft/msl)
Well Depth	(ft)	Stickup	(ft)

N/A

	ph		spec. cond.		Sample Temp.	(other parameter)	value	units
1st	(STD)	1st	μm/cm at 25° C		(° C)			
2nd	(STD)	2nd	μm/cm at 25° C					
3rd	(STD)	3rd	μm/cm at 25° C					
4th	(STD)	4th	μm/cm at 25° C					

FIELD COMMENTS

Sample Appearance: N/A (if applicable) Odor: Color: Turbidity:

Weather Conditions: Wind Speed 2-5mph Direction FROM SOUTH Precipitation Y/N Outlook CLEAR 76°F

Specific Comments: THIS IS A FIELD BLANK, POURED AT WELL MW02. WMI/EML SUPPLIED WATER USED TO FILL ALL BOTTLES, A1-A4.

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/1/93 (Date) [signature] (Signature) Employer: CWMI

FED X # 6951365470

Subcontract To:

WMX Environmental Monitoring Laboratories, Inc.

FIELD CHAIN-OF-CUSTODY RECORD

AquaPak™ PREP
AquaPak™ # 2022
Date Sealed 9 3 0 6 2 8 (YY / MM / DD)
Seal # 50725
By:

SITE/FACILITY # 562 SITE NAME: O.S.C.O

Sample Point: W M W 0 2 (Source Code)

B A R C O D E

SAMPLE DATE: 9 3 0 7 0 1 (YY / MM / DD)

SAMPLE TIME: 1 2 : 0 3 (2400 HR.) MATRIX CODE: W

Water (W) Soil (S) Leachate (C) Other (X)

Source Codes:

Well (W) Dewatering/Pressure Relief (D) Surface Water Impoundment (I) Leachate System (C) Gas Condensate (M) Air (A) Pretreatment Facility (P) Influent (U) Effluent (T) River/Stream/Brook (R) Lake or Ocean (L) Outfall (O) Soil (S) Bottom Sediment (B) Noise (N) Generation Pt. (G) Other (X) Specify

ENS # 93-12717

AquaPak™ CONTENT

SAMPLE I.D.	# OF BOTTLES	BOTTLE TYPE	PRESERVATIVE TYPE	ANALYTES/LAB GROUPS	FILTER Y — N	FIELD COMMENTS	E.M.L. COMMENTS
AH6590-A	04	G	HCL/COOL 4	DEG C VO	Y (N)		
~~AH6590-B~~	~~01~~	~~G~~	~~HCL/COOL 4~~	~~DEG C VO~~	Y N		~~TBK~~ Cancel
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		

CHAIN OF CUSTODY CHRONICLE

1. AquaPak™ Opened By: (print) RICK REED Date: 6/30/93 Time: 09:34 (2400 HR.)
   Signature: Rick Reed Seal #: 50725 Intact: YES

I have received these materials in good condition from the above person.

2. Name: Signature:
   Date: / / Time: : (2400 HR.) Remarks:

I have received these materials in good condition from the above person.

3. Name: Signature:
   Date: / / Time: : (2400 HR.) Remarks:

4. AquaPak™/Sub Contr. # 2022 Sealed By: RICK REED (Print) Date: ~~8/1/93~~ 7-1-93 Time: 14:44 (2400 HR.)
   Signature: Rick Reed Seal #: 5044 Intact: YES

LAB USE ONLY
Opened By: (Signature) Date: 7/2/93 Time: 7:55 (2400 HR.)
AquaPak™/Sub Contr. # 2022 Temp °C 3 Seal # 5044 Intact Y

EML FF-1A 12/92

WMI Environmental Monitoring Laboratories, Inc.

Site # 562

Bottle Set: AH6590

Sample Point: WMW02 (Source Code)

FIELD INFORMATION FORM

PURGING INFORMATION

PURGE DATE (YY MM DD)	START PURGE (2400 Hr Clock)	ELAPSED HRS	WATER VOL. IN CASING (Gallons)	ACTUAL VOLUME PURGED (Gallons)
930701	1114	05	78.6	249.0

PURGING AND SAMPLING EQUIPMENT

Purging Equipment ..... Dedicated (Y) | N | (circle one) Sampling Equipment ..... Dedicated (Y) | N | (circle one)

Purging Device	A	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- PURGING OTHER (SPECIFY)
Sampling Device	C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	
Purging Material	AB	A-Teflon	C-Polypropylene	E-Polyethylene	X- PURGING OTHER (SPECIFY)
Sampling Material	AB	B-Stainless Steel	D-PVC		X- SAMPLING OTHER (SPECIFY)
Tubing-Purging	X	A-Teflon	D-Polypropylene	F-Silicon	X- STAINLESS STEEL/* PURGING OTHER (SPECIFY)
Tubing-Sampling	A	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X- SAMPLING OTHER (SPECIFY)
		C-Rope X- (SPECIFY)			
Filtering Devices 0.45 μ:	N/A	A-In-line Disposable	B-Pressure	C-Vacuum	* CARBON STEEL

FIELD MEASUREMENTS

*FROM WELL CONSTRUCTION SUMMARY
**FROM AL ROMEO

Well Elevation	**5258 (ft/msl)	Land Surface Elevation	(ft/msl)
Depth to water From top of well casing	244.12 (ft)	Depth to water From land surface	(ft)
Groundwater Elevation	281.46 (ft/msl)	Groundwater Elevation	(ft/msl)
Well Depth	*325.00 (ft)	Stickup	(ft)

	ph	spec. cond. (μm/cm at 25° C)	
1st	6.72 (STD)	554	Sample Temp. 20.3 (° C)
2nd	(STD)		(other parameter) / value / units
3rd	(STD)		(other parameter) / value / units
4th	(STD)		(other parameter) / value / units

FIELD COMMENTS

Sample Appearance: CLEAR (if applicable) Odor: NONE Color: NONE Turbidity: NONE

Weather Conditions: Wind Speed 2-5 MPH Direction FROM SOUTH Precipitation Y/N Outlook CLEAR 76°F

Specific Comments: PURGE VOLUME = (WELL DEPTH 325') - (244.12' TO WATER) = (80.88' OF WATER) X (.972 CONV. 5" CASING) = (78.61 GAL/CASING) X 3 = (235.84 GAL PURGE) BECKMAN METER USED FOR TEMP/PH, HYDAC METER USED FOR EC. WELL INTEGRITY GOOD, INITIAL GPM = 11 DAILY DUPLICATE FIELD READINGS - TEMP = 20.3°C, PH - 7.08, SC - 570, RECAPPED A1, A2 AND A4 ONE TIME EACH TO REMOVE BUBBLES. AL ROMEO AND DAVID MESSINGALE FROM RUST ASSISTING (PURGE, REPURGE)

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/1/93 (Date) Rick Reed (Signature) Employer: CWMT

Subcontract To:

WMX Environmental Monitoring Laboratories, Inc.

FIELD CHAIN-OF-CUSTODY RECORD

AquaPak™ PREP
AquaPak™ # 2022
Date Sealed 9 3 0 6 2 8 (YY / MM / DD)
Seal # 50725
By:

SITE/FACILITY # 562 SITE NAME: O.S.C.O

Sample Point: W M W 0 4 (Source Code)

BARCODE

SAMPLE DATE: 9 3 0 7 0 1 (YY / MM / DD)

SAMPLE TIME: 1 3 : 4 7 (2400 HR.) MATRIX CODE: W

Water (W) Soil (S) Leachate (C) Other (X)

Source Codes:

Well (W) Dewatering/Pressure Relief (D) Surface Water Impoundment (I) Leachate System (C) Gas Condensate (M) Air (A) Pretreatment Facility (P) Influent (U) Effluent (T) River/Stream/Brook (R) Lake or Ocean (L) Outfall (O) Soil (S) Bottom Sediment (B) Noise (N) Generation Pt. (G) Other (X) Specify:

ENS # 93-12717

AquaPak™ CONTENT

SAMPLE I.D.	# OF BOTTLES	BOTTLE TYPE	PRESERVATIVE TYPE	ANALYTES/LAB GROUPS	FILTER Y — N	FIELD COMMENTS	E.M.L. COMMENTS
AH6589-A	04 /	G	HCL/COOL 4	DEG C VO	Y N		
AH6589-B	01 /	G	HCL/COOL 4	DEG C VO	Y N	TRIP BLANK	TBK
					Y N		
					Y N		
					Y N		BD NO BUBBLE. 7-2-93
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		

CHAIN OF CUSTODY CHRONICLE

1. AquaPak™ Opened By: (print) RICK REED Date: 6/30/93 Time: 09:34 (2400 HR.)
   Signature: Rick Reed Seal #: 50725 Intact: YES

I have received these materials in good condition from the above person.

2. Name: Signature:
   Date: / / Time: : (2400 HR.) Remarks:

I have received these materials in good condition from the above person.

3. Name: Signature:
   Date: / / Time: : (2400 HR.) Remarks:

4. AquaPak™/Sub Contr. # 2022 Sealed By: RICK REED (Print) Date: 7/1/93 Time: 14:44 (2400 HR.)
   Signature: Rick Reed Seal #: 5044 Intact: YES

LAB USE ONLY

Opened By: (Signature) Date: 7/2/93 Time: 7:55 (2400 HR.)

AquaPak™/Sub Contr. # 2022 Temp°C 3 Seal # 5044 Intact. Y

WMI Environmental Monitoring Laboratories, Inc.

Site # 562

Bottle Set: AH6589

Sample Point: WMW04 (Source Code)

FIELD INFORMATION FORM

PURGING INFORMATION

PURGE DATE (YY MM DD)	START PURGE (2400 Hr Clock)	ELAPSED HRS	WATER VOL. IN CASING (Gallons)	ACTUAL VOLUME PURGED (Gallons)
930701	1255	05	79.0	241.0

PURGING AND SAMPLING EQUIPMENT

Purging Equipment ..... Dedicated (Y) | N | (circle one) Sampling Equipment ..... Dedicated (Y) | N | (circle one)

Purging Device	A	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- PURGING OTHER (SPECIFY)
Sampling Device	C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	
Purging Material	AB	A-Teflon	C-Polypropylene	E-Polyethylene	X- PURGING OTHER (SPECIFY)
Sampling Material	AB	B-Stainless Steel	D-PVC		X- SAMPLING OTHER (SPECIFY)
Tubing-Purging	X	A-Teflon	D-Polypropylene	F-Silicon	X- STAINLESS STEEL/* PURGING OTHER (SPECIFY)
Tubing-Sampling	A	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X- SAMPLING OTHER (SPECIFY)
		C-Rope X- (SPECIFY)			
Filtering Devices 0.45 μ:	N/A	A-In-line Disposable	B-Pressure	C-Vacuum	* CARBON STEEL

FIELD MEASUREMENTS

* FROM WELL CONSTUCTION SUMMARY
** FROM AL ROMEO

Well Elevation	** 5210.36 (ft/msl)	Land Surface Elevation	(ft/msl)
Depth to water From top of well casing	236.68 (ft)	Depth to water From land surface	(ft)
Groundwater Elevation	283.68 (ft/msl)	Groundwater Elevation	(ft/msl)
Well Depth	* 318.00 (ft)	Stickup	(ft)

	ph	spec. cond. (μm/cm at 25° C)	Sample Temp. (° C)
1st	6.54 (STD)	560	19.8
2nd	(STD)		(other parameter) / value / units
3rd	(STD)		(other parameter) / value / units
4th	(STD)		(other parameter) / value / units

FIELD COMMENTS

Sample Appearance: CLEAR (if applicable) Odor: NONE Color: NONE Turbidity: NONE

Weather Conditions: Wind Speed 5-7 mph Direction FROM SW Precipitation Y/N (N) Outlook CLEAR 82°F

Specific Comments: PURGE VOLUME = (WELL DEPTH 318') − (236.68' TO WATER) = (81.32' OF WATER) X (.972 CONV. 5" CASING) = (79.04 GAL/CASING) X 3 = (237.12 GAL PURGE) BECKMAN METER USED FOR PH/TEMP, HYDAC METER USED FOR EC. WELL INTEGRITY GOOD, INITIAL GPM = 9.2. SAMPLING ASSISTED BY AL ROMEO AND DAVID MASSINGALE WITH RUST E+I. (PURGING REPURGING)

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

7/1/93 (Date) Rick Reed (Signature) Employer: CWMI

RECORDS SEPARATOR PAGE

RECORDS SEPARATOR PAGE

RECORDS SEPARATOR PAGE

RECORDS SEPARATOR PAGE

RECORDS SEPARATOR PAGE

RECORDS SEPARATOR PAGE

Chemical Waste Management, Inc.

4227 Technology Drive
Fremont, California 94538-6337
510/651-2964 Fax: 510/656-4926

MAY 5 1993

April 30, 1993

Mr. Jeffrey Zelikson
Director
U.S. Environmental Protection Agency
Region IX
75 Hawthorne Street
San Francisco, CA 94105

Two Copies
Via Certified Mail

Mr. Dennis Dickerson
Regional Administrator
California Environmental Protection Agency
Region III
Department of Toxic Substances Control
1011 North Grandview Avenue
Glendale, California 91201

Two Copies
Via Certified Mail

Subject: Oil & Solvent Process Company, Azusa, California - CAD008302903
April 1993 Groundwater Monitoring Analytical Results

Gentlemen:

In accordance with our meeting of Monday, December 23, 1991, with Messrs. Wayne Praskins and Thomas Kelly of U.S. EPA, and our follow-up letter dated January 14, 1992, Chemical Waste Management, Inc. (CWM), herein forwards analytical results for groundwater samples collected at the subject facility on April 1 and 9, 1993.

Analytes are listed alphabetically in the results. The Environmental Monitoring Laboratory (EML) methods correspond to the U.S. EPA methods, as follows:

EML Method	EPA Method
VOMSBAO322	624
VOGCHAN201	601
VOGCHAN101	602

Printed on recycled paper

Preliminary review of the data revealed noticeable concentration differences between analytical methods for the same analytes. We have requested that EML review the results with these differences in mind. Regenerated analytical reports, if any, will be issued to the agencies upon receipt by CWM. Complete discussion of the monitoring event and results will be presented within 60 days of receipt of final laboratory results, including any regenerated results.

It is our understanding that the attached results will be used exclusively by U.S. EPA/Cal EPA, and will be released to outside parties *only* after discussion by CWM in the final report of the event.

I certify under p under
my direction or lified
personnel prope iry of
the person or p le for
gathering the in e and
belief, true, acc s for
submitting false wing
violations.

6-24-93
I Talked to Marc Yalom (OSCO) on June 24, 1993. He checked with his legal department. OSCO is not claiming CBI status on this document.
Vern

Please call me a

Sincerely,

CHEMICAL W

Marc Yalom, R.G.
Hydrogeologist
Treatment and Land Disposal Operations Group

/miy

Attachment (1)

05-470.25

WMI Environmental Monitoring Laboratories, Inc.

Analytical Report Transmittal Memorandum

APR 1993
RECEIVED
Western Region
Environmental
Mgt. Dept.
C.W.M.I.

Date: April 22, 1993

To: Client(s) - see below

From: Dave Lundquist

Subject: O.S.C.O. 93-11047

Please find enclosed the current Client Report, Field Information Forms, and Field Chain-of-Custody Records for the recently completed event at O.S.C.O..

The data has been thoroughly reviewed and compared to historical data. We have tried to provide a report that is complete and of known and documented quality. Please take a moment to review the enclosed report to insure it meets your expectations.

If you have any questions, don't hesitate to call Donna Bierschenk at (708)208-3100.

Report Distribution:

Name	Report Type
Marc Yalom*	ALL +Diskette

* *Program Manager*

WMI Environmental Monitoring Laboratories, Inc.
2100 Cleanwater Drive
Geneva, Illinois 60134
708/208-3100

A Waste Management Company

Enclosed are the analytical results for samples received from your facility. The results in the Client Report are for a single ENS (Event Notification System) number only. The sampling event at your facility may include multiple ENS numbers. A separate Client Report will be generated for each one.

It is the goal of WMI Environmental Monitoring Laboratories, Inc. to provide analytical data in a timely fashion, formatted in a way that our clients will find most useful.

If you have any questions concerning the form or content of this report, please contact the WMI EML Customer Operations Department:

Main Number (708) 208-3100
FAX Number (708) 208-1175

Note: Two designations may appear in the results column of your Client Report: NA or ND.

The designation NA (for "Not Analyzed") is used to identify analytes which were requested in the monitoring program, but for which no suitable testing methodology exists. NA may also indicate a dry well, broken sample bottle, insufficient sample volume, or other condition which precludes analysis for a sample.

The designation ND (for "Not Detected") is used to indicate that the analyte of interest was not found at or above the concentration listed under the EMLRL (EML Reporting Limit) heading.

Unless otherwise indicated, all analytes meet the requirements of holding time as specified in the method.

Deborah C. Hockman, Ph.D.

Deborah C. Hockman, Ph.D.
President
WMI Environmental Monitoring Laboratories, Inc.

DATA QUALIFIER COMMENT CODE DEFINITIONS

AR: Acid surrogate recoveries did not meet the acceptance criteria of the method. Oxidative degradation due to sample matrix is suggested.

BB: Broken bottle.

BL: The method blank concentration associated with this analyte did not meet the acceptance criteria of the method.

CX: The concentration of this compound exceeded the calibration used for this analysis. The concentration reported is estimated.

CU: Co-elution with another compound interferes with the quantitation of this compound. The concentration reported is estimated.

DL: The sample was diluted during analysis. Reporting limits have been adjusted where necessary.

DP: This sample was analyzed in duplicate. The relative percent difference between the two results did not meet the acceptance criteria of the method.

DW: Dry well.

HS: Headspace in sample exceeded laboratory control limit. The reported results of the analysis may be less than the actual value.

IS: The internal standard recoveries associated with this analysis did not meet the acceptance criteria of the method.

IV: The bottle did not contain enough sample to perform the analysis.

MP: 3-methylphenol and 4-methylphenol co-elute under the analytical conditions of the method, and can not be differentiated solely on the basis of their mass spectra. The concentrations reported may be either or both isomers.

MX: This sample was used as a matrix spike. The percent recovery did not meet the acceptance criteria of the method. The analysis of a quality control standard showed the analytical system was in control. The result reported may therfore be affected by matrix interferences.

NN: N-nitrosodiphenylamine can not be distinguished from diphenylamine using gas chromatography. The concentrations reported may be either or both compounds.

NQ: No standard qualifier code is in use for this qualification. See the associated comment.

NS: There was not enough sample to repeat this analysis.

PL: This result may be a product of contamination from phthalate plasticizers, which are a common lab contaminant.

PX: This sample required preservation in the field to a pH of less than 2. The pH was checked before analysis and did not have a pH of less than 2.

PY: This sample required preservation in the field to a pH of 4 to 5. The pH was checked before analysis and did not have a pH of 4 to 5.

PZ: This sample required preservation in the field to a pH of 12 or greater. The pH was checked before analysis and did not have a pH of 12 or greater.

QX: This sample was used as a matrix spike. The percent recovery did not meet the acceptance criteria of the method. The analysis of a quality control standard showed the analytical system was out-of-control. The analytical result for this parameter in the unspiked sample is suspect and may not be reported for regulatory compliance purposes.

SB: The analysis of this sample was performed by an approved subcontract laboratory.

ST: This compound is not stable in acidic water.

SU: The analysis of the surrogate with this sample did not meet the acceptance criteria of the method.

TX: The analysis for this parameter was conducted after the holding time specified in the method.

UN: This compound is not stable under the conditions of the analysis.

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: 01FB
Sample Type: WELL
Sample Number: AG7892

ENS: 93-11047
MP: 562931
REV: 02

Sampled: 1-APR-1993
Received: 3-APR-1993
Reported: 22-APR-1993

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	243.65		FT		FDWDTWTC01
GROUNDWATER ELEV.	276.71		FT MSL		FDWGWELWDT
PH FIELD	6.97		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	717		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	19.3		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	318.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.000	UG/L		VOMSBAO322
1,1,1-TRICHLOROETHANE	ND	0.500	UG/L		VOGCHAN201
1,1,1-TRICHLOROETHANE	ND	5.000	UG/L		VOMSBAO322
1,1,2,2-TETRACHLOROETHANE	ND	2.000	UG/L		VOGCHAN201
1,1,2,2-TETRACHLOROETHANE	ND	5.000	UG/L		VOMSBAO322
1,1,2-TRICHLOROETHANE	ND	1.000	UG/L		VOGCHAN201
1,1,2-TRICHLOROETHANE	ND	5.000	UG/L		VOMSBAO322
1,1-DICHLOROETHANE	ND	0.500	UG/L		VOGCHAN201
1,1-DICHLOROETHANE	ND	5.000	UG/L		VOMSBAO322
1,1-DICHLOROETHENE	ND	0.500	UG/L		VOGCHAN201
1,1-DICHLOROETHENE	ND	5.000	UG/L		VOMSBAO322
1,2-DICHLOROBENZENE	ND	1.000	UG/L		VOGCHAN201
1,2-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,2-DICHLOROBENZENE	ND	10.000	UG/L		VOMSBAO322
1,2-DICHLOROETHANE	ND	1.000	UG/L		VOGCHAN201
1,2-DICHLOROETHANE	ND	5.000	UG/L		VOMSBAO322
1,2-DICHLOROPROPANE	ND	1.000	UG/L		VOGCHAN201
1,2-DICHLOROPROPANE	ND	5.000	UG/L		VOMSBAO322
1,3-DICHLOROBENZENE	ND	1.000	UG/L		VOGCHAN201
1,3-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,3-DICHLOROBENZENE	ND	10.000	UG/L		VOMSBAO322
1,4-DICHLOROBENZENE	ND	1.000	UG/L		VOGCHAN201
1,4-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,4-DICHLOROBENZENE	ND	10.000	UG/L		VOMSBAO322
2-BUTANONE	ND	10.000	UG/L		VOMSBAO322
2-CHLOROETHYLVINYL ETHER	ND	9.000	UG/L	ST	VOGCHAN201
2-CHLOROETHYLVINYL ETHER	ND	20.000	UG/L	ST	VOMSBAO322
4-METHYL-2-PENTANONE	ND	10.000	UG/L		VOMSBAO322
ACETONE	ND	34.000	UG/L		VOMSBAO322
BENZENE	ND	0.500	UG/L		VOGCPAN101
BENZENE	ND	5.000	UG/L		VOMSBAO322
BROMODICHLOROMETHANE	ND	1.000	UG/L		VOGCHAN201
BROMODICHLOROMETHANE	ND	5.000	UG/L		VOMSBAO322
BROMOFORM	ND	2.000	UG/L		VOGCHAN201
BROMOFORM	ND	5.000	UG/L		VOMSBAO322
BROMOMETHANE	ND	5.000	UG/L		VOGCHAN201
BROMOMETHANE	ND	10.000	UG/L		VOMSBAO322
CARBON TETRACHLORIDE	ND	0.500	UG/L		VOGCHAN201
CARBON TETRACHLORIDE	ND	5.000	UG/L		VOMSBAO322
CHLOROBENZENE	ND	0.500	UG/L		VOGCHAN201
CHLOROBENZENE	ND	0.500	UG/L		VOGCPAN101
CHLOROBENZENE	ND	5.000	UG/L		VOMSBAO322
CHLOROETHANE	ND	1.000	UG/L		VOGCHAN201
CHLOROETHANE	ND	10.000	UG/L		VOMSBAO322
CHLOROFORM	ND	0.500	UG/L		VOGCHAN201
CHLOROFORM	ND	5.000	UG/L		VOMSBAO322
CHLOROMETHANE	ND	1.000	UG/L		VOGCHAN201
CHLOROMETHANE	ND	10.000	UG/L		VOMSBAO322
CIS-1,3-DICHLOROPROPENE	ND	1.000	UG/L		VOGCHAN201
CIS-1,3-DICHLOROPROPENE	ND	5.000	UG/L		VOMSBAO322
DIBROMOCHLOROMETHANE	ND	1.000	UG/L		VOGCHAN201
DIBROMOCHLOROMETHANE	ND	5.000	UG/L		VOMSBAO322
DICHLORODIFLUOROMETHANE	ND	5.000	UG/L		VOGCHAN201
ETHYLBENZENE	ND	0.500	UG/L		VOGCPAN101
ETHYLBENZENE	ND	5.000	UG/L		VOMSBAO322
METHYLENE CHLORIDE	ND	2.000	UG/L		VOGCHAN201
METHYLENE CHLORIDE	ND	5.000	UG/L		VOMSBAO322
O-XYLENE	ND	10.000	UG/L		VOMSBAO322

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

C L I E N T R E P O R T

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: 01FB
Sample Type: WELL
Sample Number: AG7892

ENS: 93-11047
MP: 562931
REV: 02

Sampled: 1-APR-1993
Received: 3-APR-1993
Reported: 22-APR-1993

Analyte	Result	P Q L	Units	Comments	Method
TETRACHLOROETHENE	ND	0.500	UG/L		VOGCHAN201
TETRACHLOROETHENE	ND	5.000	UG/L		VOMSBAO322
TOLUENE	ND	0.500	UG/L		VOGCPAN101
TOLUENE	ND	5.000	UG/L		VOMSBAO322
TRANS-1,2-DICHLOROETHENE	ND	0.500	UG/L		VOGCHAN201
TRANS-1,2-DICHLOROETHENE	ND	10.000	UG/L		VOMSBAO322
TRANS-1,3-DICHLOROPROPENE	ND	1.000	UG/L		VOGCHAN201
TRANS-1,3-DICHLOROPROPENE	ND	5.000	UG/L		VOMSBAO322
TRICHLOROETHENE	ND	0.500	UG/L		VOGCHAN201
TRICHLOROETHENE	ND	5.000	UG/L		VOMSBAO322
TRICHLOROFLUOROMETHANE	ND	2.000	UG/L		VOGCHAN201
TRICHLOROFLUOROMETHANE	ND	10.000	UG/L		VOMSBAO322
VINYL CHLORIDE	ND	1.000	UG/L		VOGCHAN201
VINYL CHLORIDE	ND	10.000	UG/L		VOMSBAO322

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: DUP
Sample Type: WELL
Sample Number: AG7894

ENS: 93-11047
MP: 562931
REV: 02

Sampled: 1-APR-1993
Received: 3-APR-1993
Reported: 22-APR-1993

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	251.68		FT		FDWDTWTC01
GROUNDWATER ELEV.	277.52		FT MSL		FDWGWELWDT
PH FIELD	7.04		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	675		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	18.9		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	335.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.000	UG/L		VOMSBAO322
1,1,1-TRICHLOROETHANE	ND	0.572	UG/L		VOGCHAN201
1,1,1-TRICHLOROETHANE	7.	5.000	UG/L		VOMSBAO322
1,1,2,2-TETRACHLOROETHANE	ND	2.000	UG/L		VOGCHAN201
1,1,2,2-TETRACHLOROETHANE	ND	8.000	UG/L		VOMSBAO322
1,1,2-TRICHLOROETHANE	ND	1.000	UG/L		VOGCHAN201
1,1,2-TRICHLOROETHANE	ND	8.000	UG/L		VOMSBAO322
1,1-DICHLOROETHANE	ND	0.572	UG/L		VOGCHAN201
1,1-DICHLOROETHANE	ND	5.000	UG/L		VOMSBAO322
1,1-DICHLOROETHENE	11.	0.572	UG/L		VOGCHAN201
1,1-DICHLOROETHENE	13.	5.000	UG/L		VOMSBAO322
1,2-DICHLOROBENZENE	ND	1.000	UG/L		VOGCHAN201
1,2-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,2-DICHLOROBENZENE	ND	10.000	UG/L		VOMSBAO322
1,2-DICHLOROETHANE	ND	1.000	UG/L		VOGCHAN201
1,2-DICHLOROETHANE	ND	5.000	UG/L		VOMSBAO322
1,2-DICHLOROPROPANE	ND	1.430	UG/L		VOGCHAN201
1,2-DICHLOROPROPANE	ND	5.000	UG/L		VOMSBAO322
1,3-DICHLOROBENZENE	ND	1.430	UG/L		VOGCHAN201
1,3-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,3-DICHLOROBENZENE	ND	10.000	UG/L		VOMSBAO322
1,4-DICHLOROBENZENE	ND	1.144	UG/L		VOGCHAN201
1,4-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,4-DICHLOROBENZENE	ND	10.000	UG/L		VOMSBAO322
2-BUTANONE	ND	20.000	UG/L		VOMSBAO322
2-CHLOROETHYLVINYL ETHER	ND	9.000	UG/L	ST	VOGCHAN201
2-CHLOROETHYLVINYL ETHER	ND	20.000	UG/L	ST	VOMSBAO322
4-METHYL-2-PENTANONE	ND	20.000	UG/L		VOMSBAO322
ACETONE	ND	48.000	UG/L		VOMSBAO322
BENZENE	ND	0.500	UG/L		VOGCPAN101
BENZENE	ND	5.000	UG/L		VOMSBAO322
BROMODICHLOROMETHANE	ND	1.000	UG/L		VOGCHAN201
BROMODICHLOROMETHANE	ND	5.000	UG/L		VOMSBAO322
BROMOFORM	ND	2.000	UG/L		VOGCHAN201
BROMOFORM	ND	5.000	UG/L		VOMSBAO322
BROMOMETHANE	ND	5.000	UG/L		VOGCHAN201
BROMOMETHANE	ND	10.000	UG/L		VOMSBAO322
CARBON TETRACHLORIDE	ND	0.572	UG/L		VOGCHAN201
CARBON TETRACHLORIDE	ND	5.000	UG/L		VOMSBAO322
CHLOROBENZENE	ND	0.572	UG/L		VOGCHAN201
CHLOROBENZENE	ND	0.500	UG/L		VOGCPAN101
CHLOROBENZENE	ND	5.000	UG/L		VOMSBAO322
CHLOROETHANE	ND	1.144	UG/L		VOGCHAN201
CHLOROETHANE	ND	10.000	UG/L		VOMSBAO322
CHLOROFORM	ND	0.572	UG/L		VOGCHAN201
CHLOROFORM	ND	5.000	UG/L		VOMSBAO322
CHLOROMETHANE	ND	1.000	UG/L		VOGCHAN201
CHLOROMETHANE	ND	10.000	UG/L		VOMSBAO322
CIS-1,3-DICHLOROPROPENE	ND	1.144	UG/L		VOGCHAN201
CIS-1,3-DICHLOROPROPENE	ND	5.000	UG/L		VOMSBAO322
DIBROMOCHLOROMETHANE	ND	1.144	UG/L		VOGCHAN201

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

Item	Additional Comment Explanations (NQ/DL)
VOGCHAN201	Dilution factor 1.43 applied.
VOMSBAO322	Dilution factor 2 applied.

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: DUP
Sample Type: WELL
Sample Number: AG7894

ENS: 93-11047
MP: 562931
REV: 02

Sampled: 1-APR-1993
Received: 3-APR-1993
Reported: 22-APR-1993

Analyte	Result	P Q L	Units	Comments	Method
DIBROMOCHLOROMETHANE	ND	8.000	UG/L		VOMSBAO322
DICHLORODIFLUOROMETHANE	ND	5.000	UG/L		VOGCHAN201
ETHYLBENZENE	ND	0.500	UG/L		VOGCPAN101
ETHYLBENZENE	ND	5.000	UG/L		VOMSBAO322
METHYLENE CHLORIDE	ND	2.000	UG/L		VOGCHAN201
METHYLENE CHLORIDE	ND	10.000	UG/L		VOMSBAO322
O-XYLENE	ND	10.000	UG/L		VOMSBAO322
TETRACHLOROETHENE	37.	0.572	UG/L		VOGCHAN201
TETRACHLOROETHENE	66.	5.000	UG/L		VOMSBAO322
TOLUENE	ND	0.500	UG/L		VOGCPAN101
TOLUENE	ND	5.000	UG/L		VOMSBAO322
TRANS-1,2-DICHLOROETHENE	ND	0.500	UG/L		VOGCHAN201
TRANS-1,2-DICHLOROETHENE	ND	10.000	UG/L		VOMSBAO322
TRANS-1,3-DICHLOROPROPENE	ND	1.000	UG/L		VOGCHAN201
TRANS-1,3-DICHLOROPROPENE	ND	5.000	UG/L		VOMSBAO322
TRICHLOROETHENE	34.	0.715	UG/L		VOGCHAN201
TRICHLOROETHENE	80.	5.000	UG/L		VOMSBAO322
TRICHLOROFLUOROMETHANE	ND	2.000	UG/L		VOGCHAN201
TRICHLOROFLUOROMETHANE	ND	10.000	UG/L		VOMSBAO322
VINYL CHLORIDE	ND	1.144	UG/L		VOGCHAN201
VINYL CHLORIDE	ND	10.000	UG/L		VOMSBAO322

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

C L I E N T R E P O R T

Site: 562 — O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW01
Sample Type: WELL
Sample Number: AG7893

ENS: 93-11047
MP: 562931
REV: 02

Sampled: 1-APR-1993
Received: 3-APR-1993
Reported: 22-APR-1993

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	251.68		FT		FDWDTWTC01
GROUNDWATER ELEV.	277.52		FT MSL		FDWGWELWDT
PH FIELD	7.04		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	675		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	18.9		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	335.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.000	UG/L		VOMSBAO322
1,1,1-TRICHLOROETHANE	ND	0.572	UG/L		VOGCHAN201
1,1,1-TRICHLOROETHANE	13.	8.000	UG/L		VOMSBAO322
1,1,2,2-TETRACHLOROETHANE	ND	2.000	UG/L		VOGCHAN201
1,1,2,2-TETRACHLOROETHANE	ND	16.000	UG/L		VOMSBAO322
1,1,2-TRICHLOROETHANE	ND	1.000	UG/L		VOGCHAN201
1,1,2-TRICHLOROETHANE	ND	16.000	UG/L		VOMSBAO322
1,1-DICHLOROETHANE	ND	0.572	UG/L		VOGCHAN201
1,1-DICHLOROETHANE	ND	8.000	UG/L		VOMSBAO322
1,1-DICHLOROETHENE	11.	0.572	UG/L		VOGCHAN201
1,1-DICHLOROETHENE	22.	8.000	UG/L		VOMSBAO322
1,2-DICHLOROBENZENE	ND	1.000	UG/L		VOGCHAN201
1,2-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,2-DICHLOROBENZENE	ND	10.000	UG/L		VOMSBAO322
1,2-DICHLOROETHANE	ND	1.000	UG/L		VOGCHAN201
1,2-DICHLOROETHANE	ND	8.000	UG/L		VOMSBAO322
1,2-DICHLOROPROPANE	ND	1.430	UG/L		VOGCHAN201
1,2-DICHLOROPROPANE	ND	8.000	UG/L		VOMSBAO322
1,3-DICHLOROBENZENE	ND	1.430	UG/L		VOGCHAN201
1,3-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,3-DICHLOROBENZENE	ND	10.000	UG/L		VOMSBAO322
1,4-DICHLOROBENZENE	ND	1.144	UG/L		VOGCHAN201
1,4-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,4-DICHLOROBENZENE	ND	10.000	UG/L		VOMSBAO322
2-BUTANONE	ND	40.000	UG/L		VOMSBAO322
2-CHLOROETHYLVINYL ETHER	ND	9.000	UG/L	ST	VOGCHAN201
2-CHLOROETHYLVINYL ETHER	ND	32.000	UG/L	ST	VOMSBAO322
4-METHYL-2-PENTANONE	ND	40.000	UG/L		VOMSBAO322
ACETONE	ND	96.000	UG/L		VOMSBAO322
BENZENE	ND	0.500	UG/L		VOGCPAN101
BENZENE	ND	5.000	UG/L		VOMSBAO322
BROMODICHLOROMETHANE	ND	1.000	UG/L		VOGCHAN201
BROMODICHLOROMETHANE	ND	8.000	UG/L		VOMSBAO322
BROMOFORM	ND	2.000	UG/L		VOGCHAN201
BROMOFORM	ND	8.000	UG/L		VOMSBAO322
BROMOMETHANE	ND	5.000	UG/L		VOGCHAN201
BROMOMETHANE	ND	10.000	UG/L		VOMSBAO322
CARBON TETRACHLORIDE	ND	0.572	UG/L		VOGCHAN201
CARBON TETRACHLORIDE	ND	5.000	UG/L		VOMSBAO322
CHLOROBENZENE	ND	0.572	UG/L		VOGCHAN201
CHLOROBENZENE	ND	0.500	UG/L		VOGCPAN101
CHLOROBENZENE	ND	8.000	UG/L		VOMSBAO322
CHLOROETHANE	ND	1.144	UG/L		VOGCHAN201
CHLOROETHANE	ND	16.000	UG/L		VOMSBAO322
CHLOROFORM	ND	0.572	UG/L		VOGCHAN201
CHLOROFORM	ND	8.000	UG/L		VOMSBAO322
CHLOROMETHANE	ND	1.000	UG/L		VOGCHAN201
CHLOROMETHANE	ND	16.000	UG/L		VOMSBAO322
CIS-1,3-DICHLOROPROPENE	ND	1.144	UG/L		VOGCHAN201
CIS-1,3-DICHLOROPROPENE	ND	8.000	UG/L		VOMSBAO322
DIBROMOCHLOROMETHANE	ND	1.144	UG/L		VOGCHAN201

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

Item	Additional Comment Explanations (NQ/DL)
VOGCHAN201	Dilution factor 1.43 applied.
VOMSBAO322	Dilution factor 4 applied.

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW01
Sample Type: WELL
Sample Number: AG7893

ENS: 93-11047
MP: 562931
REV: 02

Sampled: 1-APR-1993
Received: 3-APR-1993
Reported: 22-APR-1993

Analyte	Result	P Q L	Units	Comments	Method
DIBROMOCHLOROMETHANE	ND	16.000	UG/L		VOMSBA0322
DICHLORODIFLUOROMETHANE	ND	5.000	UG/L		VOGCHAN201
ETHYLBENZENE	ND	0.500	UG/L		VOGCPAN101
ETHYLBENZENE	ND	8.000	UG/L		VOMSBA0322
METHYLENE CHLORIDE	ND	2.000	UG/L		VOGCHAN201
METHYLENE CHLORIDE	ND	20.000	UG/L		VOMSBA0322
O-XYLENE	ND	10.000	UG/L		VOMSBA0322
TETRACHLOROETHENE	43.	0.572	UG/L		VOGCHAN201
TETRACHLOROETHENE	110.	8.000	UG/L		VOMSBA0322
TOLUENE	ND	0.500	UG/L		VOGCPAN101
TOLUENE	ND	8.000	UG/L		VOMSBA0322
TRANS-1,2-DICHLOROETHENE	ND	0.500	UG/L		VOGCHAN201
TRANS-1,2-DICHLOROETHENE	ND	10.000	UG/L		VOMSBA0322
TRANS-1,3-DICHLOROPROPENE	ND	1.000	UG/L		VOGCHAN201
TRANS-1,3-DICHLOROPROPENE	ND	8.000	UG/L		VOMSBA0322
TRICHLOROETHENE	38.	0.715	UG/L		VOGCHAN201
TRICHLOROETHENE	130.	8.000	UG/L		VOMSBA0322
TRICHLOROFLUOROMETHANE	ND	2.000	UG/L		VOGCHAN201
TRICHLOROFLUOROMETHANE	ND	10.000	UG/L		VOMSBA0322
VINYL CHLORIDE	ND	1.144	UG/L		VOGCHAN201
VINYL CHLORIDE	ND	16.000	UG/L		VOMSBA0322

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW02
Sample Type: WELL
Sample Number: AG7895

ENS: 93-11047
MP: 562931
REV: 02

Sampled: 1-APR-1993
Received: 3-APR-1993
Reported: 22-APR-1993

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	250.03		FT		FDWDTWTC01
GROUNDWATER ELEV.	275.54		FT MSL		FDWGWELWDT
PH FIELD	7.01		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	555		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	18.9		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	328.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	28.580	UG/L		VOMSBAO322
1,1,1-TRICHLOROETHANE	240.	20.000	UG/L		VOGCHAN201
1,1,1-TRICHLOROETHANE	80.	28.580	UG/L		VOMSBAO322
1,1,2,2-TETRACHLOROETHANE	ND	20.000	UG/L		VOGCHAN201
1,1,2,2-TETRACHLOROETHANE	ND	57.160	UG/L		VOMSBAO322
1,1,2-TRICHLOROETHANE	ND	10.000	UG/L		VOGCHAN201
1,1,2-TRICHLOROETHANE	ND	57.160	UG/L		VOMSBAO322
1,1-DICHLOROETHANE	ND	20.000	UG/L		VOGCHAN201
1,1-DICHLOROETHANE	ND	28.580	UG/L		VOMSBAO322
1,1-DICHLOROETHENE	150.	20.000	UG/L		VOGCHAN201
1,1-DICHLOROETHENE	87.	28.580	UG/L		VOMSBAO322
1,2-DICHLOROBENZENE	ND	20.000	UG/L		VOGCHAN201
1,2-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,2-DICHLOROBENZENE	ND	28.580	UG/L		VOMSBAO322
1,2-DICHLOROETHANE	ND	20.000	UG/L		VOGCHAN201
1,2-DICHLOROETHANE	ND	28.580	UG/L		VOMSBAO322
1,2-DICHLOROPROPANE	ND	50.000	UG/L		VOGCHAN201
1,2-DICHLOROPROPANE	ND	28.580	UG/L		VOMSBAO322
1,3-DICHLOROBENZENE	ND	50.000	UG/L		VOGCHAN201
1,3-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,3-DICHLOROBENZENE	ND	28.580	UG/L		VOMSBAO322
1,4-DICHLOROBENZENE	ND	40.000	UG/L		VOGCHAN201
1,4-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,4-DICHLOROBENZENE	ND	28.580	UG/L		VOMSBAO322
2-BUTANONE	ND	142.900	UG/L		VOMSBAO322
2-CHLOROETHYLVINYL ETHER	ND	200.000	UG/L	ST	VOGCHAN201
2-CHLOROETHYLVINYL ETHER	ND	114.320	UG/L	ST	VOMSBAO322
4-METHYL-2-PENTANONE	ND	142.900	UG/L		VOMSBAO322
ACETONE	ND	342.960	UG/L		VOMSBAO322
BENZENE	ND	0.500	UG/L		VOGCPAN101
BENZENE	ND	5.716	UG/L		VOMSBAO322
BROMODICHLOROMETHANE	ND	20.000	UG/L		VOGCHAN201
BROMODICHLOROMETHANE	ND	28.580	UG/L		VOMSBAO322
BROMOFORM	ND	40.000	UG/L		VOGCHAN201
BROMOFORM	ND	28.580	UG/L		VOMSBAO322
BROMOMETHANE	ND	20.000	UG/L		VOGCHAN201
BROMOMETHANE	ND	28.580	UG/L		VOMSBAO322
CARBON TETRACHLORIDE	ND	20.000	UG/L		VOGCHAN201
CARBON TETRACHLORIDE	ND	5.716	UG/L		VOMSBAO322
CHLOROBENZENE	ND	20.000	UG/L		VOGCHAN201
CHLOROBENZENE	ND	0.500	UG/L		VOGCPAN101
CHLOROBENZENE	ND	28.580	UG/L		VOMSBAO322
CHLOROETHANE	ND	40.000	UG/L		VOGCHAN201
CHLOROETHANE	ND	57.160	UG/L		VOMSBAO322
CHLOROFORM	ND	20.000	UG/L		VOGCHAN201
CHLOROFORM	ND	28.580	UG/L		VOMSBAO322
CHLOROMETHANE	ND	20.000	UG/L		VOGCHAN201
CHLOROMETHANE	ND	57.160	UG/L		VOMSBAO322
CIS-1,3-DICHLOROPROPENE	ND	40.000	UG/L		VOGCHAN201
CIS-1,3-DICHLOROPROPENE	ND	28.580	UG/L		VOMSBAO322
DIBROMOCHLOROMETHANE	ND	40.000	UG/L		VOGCHAN201

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

Item	Additional Comment Explanations (NQ/DL)
VOGCHAN201	Dilution factor 50 applied.
VOMSBAO322	Dilution factor 14.29 applied.

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW02
Sample Type: WELL
Sample Number: AG7895

ENS: 93-11047
MP: 562931
REV: 02

Sampled: 1-APR-1993
Received: 3-APR-1993
Reported: 22-APR-1993

Analyte	Result	P Q L	Units	Comments	Method
DIBROMOCHLOROMETHANE	ND	57.160	UG/L		VOMSBA0322
DICHLORODIFLUOROMETHANE	ND	20.000	UG/L		VOGCHAN201
ETHYLBENZENE	ND	0.500	UG/L		VOGCPAN101
ETHYLBENZENE	ND	28.580	UG/L		VOMSBA0322
METHYLENE CHLORIDE	ND	40.000	UG/L		VOGCHAN201
METHYLENE CHLORIDE	ND	71.450	UG/L		VOMSBA0322
O-XYLENE	ND	28.580	UG/L		VOMSBA0322
TETRACHLOROETHENE	2100.	20.000	UG/L		VOGCHAN201
TETRACHLOROETHENE	330.	28.580	UG/L		VOMSBA0322
TOLUENE	ND	0.500	UG/L		VOGCPAN101
TOLUENE	ND	28.580	UG/L		VOMSBA0322
TRANS-1,2-DICHLOROETHENE	ND	10.000	UG/L		VOGCHAN201
TRANS-1,2-DICHLOROETHENE	ND	28.580	UG/L		VOMSBA0322
TRANS-1,3-DICHLOROPROPENE	ND	20.000	UG/L		VOGCHAN201
TRANS-1,3-DICHLOROPROPENE	ND	28.580	UG/L		VOMSBA0322
TRICHLOROETHENE	1300.	25.000	UG/L		VOGCHAN201
TRICHLOROETHENE	620.	28.580	UG/L		VOMSBA0322
TRICHLOROFLUOROMETHANE	ND	20.000	UG/L		VOGCHAN201
TRICHLOROFLUOROMETHANE	ND	28.580	UG/L		VOMSBA0322
VINYL CHLORIDE	ND	40.000	UG/L		VOGCHAN201
VINYL CHLORIDE	ND	57.160	UG/L		VOMSBA0322

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW03
Sample Type: WELL
Sample Number: AG7896

ENS: 93-11047
MP: 562931
REV: 02

Sampled: 2-APR-1993
Received: 3-APR-1993
Reported: 22-APR-1993

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	NA		FT		FDWDTWTC01
GROUNDWATER ELEV.	NA		FT MSL		FDWGWELWDT
PH FIELD	NA		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	NA		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	NA		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	319.50		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	NO SAMPLE		UG/L		VOMSBA0322
1,1,1-TRICHLOROETHANE	NO SAMPLE		UG/L		VOGCHAN201
1,1,1-TRICHLOROETHANE	NO SAMPLE		UG/L		VOMSBA0322
1,1,2,2-TETRACHLOROETHANE	NO SAMPLE		UG/L		VOGCHAN201
1,1,2,2-TETRACHLOROETHANE	NO SAMPLE		UG/L		VOMSBA0322
1,1,2-TRICHLOROETHANE	NO SAMPLE		UG/L		VOGCHAN201
1,1,2-TRICHLOROETHANE	NO SAMPLE		UG/L		VOMSBA0322
1,1-DICHLOROETHANE	NO SAMPLE		UG/L		VOGCHAN201
1,1-DICHLOROETHANE	NO SAMPLE		UG/L		VOMSBA0322
1,1-DICHLOROETHENE	NO SAMPLE		UG/L		VOGCHAN201
1,1-DICHLOROETHENE	NO SAMPLE		UG/L		VOMSBA0322
1,2-DICHLOROBENZENE	NO SAMPLE		UG/L		VOGCHAN201
1,2-DICHLOROBENZENE	NO SAMPLE		UG/L		VOGCPAN101
1,2-DICHLOROBENZENE	NO SAMPLE		UG/L		VOMSBA0322
1,2-DICHLOROETHANE	NO SAMPLE		UG/L		VOGCHAN201
1,2-DICHLOROETHANE	NO SAMPLE		UG/L		VOMSBA0322
1,2-DICHLOROPROPANE	NO SAMPLE		UG/L		VOGCHAN201
1,2-DICHLOROPROPANE	NO SAMPLE		UG/L		VOMSBA0322
1,3-DICHLOROBENZENE	NO SAMPLE		UG/L		VOGCHAN201
1,3-DICHLOROBENZENE	NO SAMPLE		UG/L		VOGCPAN101
1,3-DICHLOROBENZENE	NO SAMPLE		UG/L		VOMSBA0322
1,4-DICHLOROBENZENE	NO SAMPLE		UG/L		VOGCHAN201
1,4-DICHLOROBENZENE	NO SAMPLE		UG/L		VOGCPAN101
1,4-DICHLOROBENZENE	NO SAMPLE		UG/L		VOMSBA0322
2-BUTANONE	NO SAMPLE		UG/L		VOMSBA0322
2-CHLOROETHYLVINYL ETHER	NO SAMPLE		UG/L		VOGCHAN201
2-CHLOROETHYLVINYL ETHER	NO SAMPLE		UG/L		VOMSBA0322
4-METHYL-2-PENTANONE	NO SAMPLE		UG/L		VOMSBA0322
ACETONE	NO SAMPLE		UG/L		VOMSBA0322
BENZENE	NO SAMPLE		UG/L		VOGCPAN101
BENZENE	NO SAMPLE		UG/L		VOMSBA0322
BROMODICHLOROMETHANE	NO SAMPLE		UG/L		VOGCHAN201
BROMODICHLOROMETHANE	NO SAMPLE		UG/L		VOMSBA0322
BROMOFORM	NO SAMPLE		UG/L		VOGCHAN201
BROMOFORM	NO SAMPLE		UG/L		VOMSBA0322
BROMOMETHANE	NO SAMPLE		UG/L		VOGCHAN201
BROMOMETHANE	NO SAMPLE		UG/L		VOMSBA0322
CARBON TETRACHLORIDE	NO SAMPLE		UG/L		VOGCHAN201
CARBON TETRACHLORIDE	NO SAMPLE		UG/L		VOMSBA0322
CHLOROBENZENE	NO SAMPLE		UG/L		VOGCHAN201
CHLOROBENZENE	NO SAMPLE		UG/L		VOGCPAN101
CHLOROBENZENE	NO SAMPLE		UG/L		VOMSBA0322
CHLOROETHANE	NO SAMPLE		UG/L		VOGCHAN201
CHLOROETHANE	NO SAMPLE		UG/L		VOMSBA0322
CHLOROFORM	NO SAMPLE		UG/L		VOGCHAN201
CHLOROFORM	NO SAMPLE		UG/L		VOMSBA0322
CHLOROMETHANE	NO SAMPLE		UG/L		VOGCHAN201
CHLOROMETHANE	NO SAMPLE		UG/L		VOMSBA0322
CIS-1,3-DICHLOROPROPENE	NO SAMPLE		UG/L		VOGCHAN201
CIS-1,3-DICHLOROPROPENE	NO SAMPLE		UG/L		VOMSBA0322
DIBROMOCHLOROMETHANE	NO SAMPLE		UG/L		VOGCHAN201
DIBROMOCHLOROMETHANE	NO SAMPLE		UG/L		VOMSBA0322
DICHLORODIFLUOROMETHANE	NO SAMPLE		UG/L		VOGCHAN201
ETHYLBENZENE	NO SAMPLE		UG/L		VOGCPAN101
ETHYLBENZENE	NO SAMPLE		UG/L		VOMSBA0322
METHYLENE CHLORIDE	NO SAMPLE		UG/L		VOGCHAN201
METHYLENE CHLORIDE	NO SAMPLE		UG/L		VOMSBA0322
O-XYLENE	NO SAMPLE		UG/L		VOMSBA0322

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

C L I E N T R E P O R T

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW03
Sample Type: WELL
Sample Number: AG7896

ENS: 93-11047
MP: 562931
REV: 02

Sampled: 2-APR-1993
Received: 3-APR-1993
Reported: 22-APR-1993

Analyte	Result	P Q L	Units	Comments	Method
TETRACHLOROETHENE	NO SAMPLE		UG/L		VOGCHAN201
TETRACHLOROETHENE	NO SAMPLE		UG/L		VOMSBA0322
TOLUENE	NO SAMPLE		UG/L		VOGCPAN101
TOLUENE	NO SAMPLE		UG/L		VOMSBA0322
TRANS-1,2-DICHLOROETHENE	NO SAMPLE		UG/L		VOGCHAN201
TRANS-1,2-DICHLOROETHENE	NO SAMPLE		UG/L		VOMSBA0322
TRANS-1,3-DICHLOROPROPENE	NO SAMPLE		UG/L		VOGCHAN201
TRANS-1,3-DICHLOROPROPENE	NO SAMPLE		UG/L		VOMSBA0322
TRICHLOROETHENE	NO SAMPLE		UG/L		VOGCHAN201
TRICHLOROETHENE	NO SAMPLE		UG/L		VOMSBA0322
TRICHLOROFLUOROMETHANE	NO SAMPLE		UG/L		VOGCHAN201
TRICHLOROFLUOROMETHANE	NO SAMPLE		UG/L		VOMSBA0322
VINYL CHLORIDE	NO SAMPLE		UG/L		VOGCHAN201
VINYL CHLORIDE	NO SAMPLE		UG/L		VOMSBA0322

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW04
Sample Type: WELL
Sample Number: AG7897

ENS: 93-11047
MP: 562931
REV: 02

Sampled: 1-APR-1993
Received: 3-APR-1993
Reported: 22-APR-1993

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	243.65		FT		FDWDTWTC01
GROUNDWATER ELEV.	276.71		FT MSL		FDWGWELWDT
PH FIELD	6.97		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	717		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	19.3		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	318.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	14.286	UG/L		VOMSBAO322
1,1,1-TRICHLOROETHANE	62.	4.000	UG/L		VOGCHAN201
1,1,1-TRICHLOROETHANE	39.	14.286	UG/L		VOMSBAO322
1,1,2,2-TETRACHLOROETHANE	ND	4.000	UG/L		VOGCHAN201
1,1,2,2-TETRACHLOROETHANE	ND	28.572	UG/L		VOMSBAO322
1,1,2-TRICHLOROETHANE	ND	2.000	UG/L		VOGCHAN201
1,1,2-TRICHLOROETHANE	ND	28.572	UG/L		VOMSBAO322
1,1-DICHLOROETHANE	ND	4.000	UG/L		VOGCHAN201
1,1-DICHLOROETHANE	ND	14.286	UG/L		VOMSBAO322
1,1-DICHLOROETHENE	60.	4.000	UG/L		VOGCHAN201
1,1-DICHLOROETHENE	35.	14.286	UG/L		VOMSBAO322
1,2-DICHLOROBENZENE	ND	4.000	UG/L		VOGCHAN201
1,2-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,2-DICHLOROBENZENE	ND	14.286	UG/L		VOMSBAO322
1,2-DICHLOROETHANE	6.	4.000	UG/L		VOGCHAN201
1,2-DICHLOROETHANE	ND	14.286	UG/L		VOMSBAO322
1,2-DICHLOROPROPANE	ND	10.000	UG/L		VOGCHAN201
1,2-DICHLOROPROPANE	ND	14.286	UG/L		VOMSBAO322
1,3-DICHLOROBENZENE	ND	10.000	UG/L		VOGCHAN201
1,3-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,3-DICHLOROBENZENE	ND	14.286	UG/L		VOMSBAO322
1,4-DICHLOROBENZENE	ND	8.000	UG/L		VOGCHAN201
1,4-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,4-DICHLOROBENZENE	ND	14.286	UG/L		VOMSBAO322
2-BUTANONE	ND	71.430	UG/L		VOMSBAO322
2-CHLOROETHYLVINYL ETHER	ND	40.000	UG/L	ST	VOGCHAN201
2-CHLOROETHYLVINYL ETHER	ND	57.144	UG/L	ST	VOMSBAO322
4-METHYL-2-PENTANONE	ND	71.430	UG/L		VOMSBAO322
ACETONE	ND	171.432	UG/L		VOMSBAO322
BENZENE	.5	0.500	UG/L		VOGCPAN101
BENZENE	ND	5.000	UG/L		VOMSBAO322
BROMODICHLOROMETHANE	ND	4.000	UG/L		VOGCHAN201
BROMODICHLOROMETHANE	ND	14.286	UG/L		VOMSBAO322
BROMOFORM	ND	8.000	UG/L		VOGCHAN201
BROMOFORM	ND	14.286	UG/L		VOMSBAO322
BROMOMETHANE	ND	5.000	UG/L		VOGCHAN201
BROMOMETHANE	ND	14.286	UG/L		VOMSBAO322
CARBON TETRACHLORIDE	ND	4.000	UG/L		VOGCHAN201
CARBON TETRACHLORIDE	ND	5.000	UG/L		VOMSBAO322
CHLOROBENZENE	ND	4.000	UG/L		VOGCHAN201
CHLOROBENZENE	1.	0.500	UG/L		VOGCPAN101
CHLOROBENZENE	ND	14.286	UG/L		VOMSBAO322
CHLOROETHANE	ND	8.000	UG/L		VOGCHAN201
CHLOROETHANE	ND	28.572	UG/L		VOMSBAO322
CHLOROFORM	ND	4.000	UG/L		VOGCHAN201
CHLOROFORM	ND	14.286	UG/L		VOMSBAO322
CHLOROMETHANE	ND	4.000	UG/L		VOGCHAN201
CHLOROMETHANE	ND	28.572	UG/L		VOMSBAO322
CIS-1,3-DICHLOROPROPENE	ND	8.000	UG/L		VOGCHAN201
CIS-1,3-DICHLOROPROPENE	ND	14.286	UG/L		VOMSBAO322
DIBROMOCHLOROMETHANE	ND	8.000	UG/L		VOGCHAN201

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

Item	Additional Comment Explanations (NQ/DL)
VOGCHAN201	Dilution factor 10 applied.
VOMSBAO322	Dilution factor 7.143 applied.

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 — O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW04
Sample Type: WELL
Sample Number: AG7897

ENS: 93-11047
MP: 562931
REV: 02

Sampled: 1-APR-1993
Received: 3-APR-1993
Reported: 22-APR-1993

Analyte	Result	P Q L	Units	Comments	Method
DIBROMOCHLOROMETHANE	ND	28.572	UG/L		VOMSBAO322
DICHLORODIFLUOROMETHANE	ND	5.000	UG/L		VOGCHAN201
ETHYLBENZENE	ND	0.500	UG/L		VOGCPAN101
ETHYLBENZENE	ND	14.286	UG/L		VOMSBAO322
METHYLENE CHLORIDE	ND	8.000	UG/L		VOGCHAN201
METHYLENE CHLORIDE	ND	35.715	UG/L		VOMSBAO322
O-XYLENE	ND	14.286	UG/L		VOMSBAO322
TETRACHLOROETHENE	310.	4.000	UG/L		VOGCHAN201
TETRACHLOROETHENE	280.	14.286	UG/L		VOMSBAO322
TOLUENE	ND	0.500	UG/L		VOGCPAN101
TOLUENE	ND	14.286	UG/L		VOMSBAO322
TRANS-1,2-DICHLOROETHENE	ND	2.000	UG/L		VOGCHAN201
TRANS-1,2-DICHLOROETHENE	ND	14.286	UG/L		VOMSBAO322
TRANS-1,3-DICHLOROPROPENE	ND	4.000	UG/L		VOGCHAN201
TRANS-1,3-DICHLOROPROPENE	ND	14.286	UG/L		VOMSBAO322
TRICHLOROETHENE	160.	5.000	UG/L		VOGCHAN201
TRICHLOROETHENE	150.	14.286	UG/L		VOMSBAO322
TRICHLOROFLUOROMETHANE	ND	4.000	UG/L		VOGCHAN201
TRICHLOROFLUOROMETHANE	ND	14.286	UG/L		VOMSBAO322
VINYL CHLORIDE	ND	8.000	UG/L		VOGCHAN201
VINYL CHLORIDE	ND	28.572	UG/L		VOMSBAO322

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW05
Sample Type: WELL
Sample Number: AG7898

ENS: 93-11047
MP: 562931
REV: 02

Sampled: 1-APR-1993
Received: 3-APR-1993
Reported: 22-APR-1993

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	244.68		FT		FDWDTWTC01
GROUNDWATER ELEV.	274.89		FT MSL		FDWGWELWDT
PH FIELD	7.09		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	743		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	19.0		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	330.00		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	20.000	UG/L		VOMSBAO322
1,1,1-TRICHLOROETHANE	49.	4.000	UG/L		VOGCHAN201
1,1,1-TRICHLOROETHANE	59.	20.000	UG/L		VOMSBAO322
1,1,2,2-TETRACHLOROETHANE	ND	4.000	UG/L		VOGCHAN201
1,1,2,2-TETRACHLOROETHANE	ND	40.000	UG/L		VOMSBAO322
1,1,2-TRICHLOROETHANE	ND	2.000	UG/L		VOGCHAN201
1,1,2-TRICHLOROETHANE	ND	40.000	UG/L		VOMSBAO322
1,1-DICHLOROETHANE	ND	4.000	UG/L		VOGCHAN201
1,1-DICHLOROETHANE	ND	20.000	UG/L		VOMSBAO322
1,1-DICHLOROETHENE	36.	4.000	UG/L		VOGCHAN201
1,1-DICHLOROETHENE	36.	20.000	UG/L		VOMSBAO322
1,2-DICHLOROBENZENE	ND	4.000	UG/L		VOGCHAN201
1,2-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,2-DICHLOROBENZENE	ND	20.000	UG/L		VOMSBAO322
1,2-DICHLOROETHANE	ND	4.000	UG/L		VOGCHAN201
1,2-DICHLOROETHANE	ND	20.000	UG/L		VOMSBAO322
1,2-DICHLOROPROPANE	ND	10.000	UG/L		VOGCHAN201
1,2-DICHLOROPROPANE	ND	20.000	UG/L		VOMSBAO322
1,3-DICHLOROBENZENE	ND	10.000	UG/L		VOGCHAN201
1,3-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,3-DICHLOROBENZENE	ND	20.000	UG/L		VOMSBAO322
1,4-DICHLOROBENZENE	ND	8.000	UG/L		VOGCHAN201
1,4-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,4-DICHLOROBENZENE	ND	20.000	UG/L		VOMSBAO322
2-BUTANONE	ND	100.000	UG/L		VOMSBAO322
2-CHLOROETHYLVINYL ETHER	ND	40.000	UG/L	ST	VOGCHAN201
2-CHLOROETHYLVINYL ETHER	ND	80.000	UG/L	ST	VOMSBAO322
4-METHYL-2-PENTANONE	ND	100.000	UG/L		VOMSBAO322
ACETONE	ND	240.000	UG/L		VOMSBAO322
BENZENE	1.	0.500	UG/L		VOGCPAN101
BENZENE	ND	5.000	UG/L		VOMSBAO322
BROMODICHLOROMETHANE	ND	4.000	UG/L		VOGCHAN201
BROMODICHLOROMETHANE	ND	20.000	UG/L		VOMSBAO322
BROMOFORM	ND	8.000	UG/L		VOGCHAN201
BROMOFORM	ND	20.000	UG/L		VOMSBAO322
BROMOMETHANE	ND	5.000	UG/L		VOGCHAN201
BROMOMETHANE	ND	20.000	UG/L		VOMSBAO322
CARBON TETRACHLORIDE	ND	4.000	UG/L		VOGCHAN201
CARBON TETRACHLORIDE	ND	5.000	UG/L		VOMSBAO322
CHLOROBENZENE	ND	4.000	UG/L		VOGCHAN201
CHLOROBENZENE	2.	0.500	UG/L		VOGCPAN101
CHLOROBENZENE	ND	20.000	UG/L		VOMSBAO322
CHLOROETHANE	ND	8.000	UG/L		VOGCHAN201
CHLOROETHANE	ND	40.000	UG/L		VOMSBAO322
CHLOROFORM	ND	4.000	UG/L		VOGCHAN201
CHLOROFORM	ND	20.000	UG/L		VOMSBAO322
CHLOROMETHANE	ND	4.000	UG/L		VOGCHAN201
CHLOROMETHANE	ND	40.000	UG/L		VOMSBAO322
CIS-1,3-DICHLOROPROPENE	ND	8.000	UG/L		VOGCHAN201
CIS-1,3-DICHLOROPROPENE	ND	20.000	UG/L		VOMSBAO322
DIBROMOCHLOROMETHANE	ND	8.000	UG/L		VOGCHAN201

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

Item	Additional Comment Explanations (NQ/DL)
VOGCHAN201	Dilution factor 10 applied.
VOMSBAO322	Dilution factor 10 applied.

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW05
Sample Type: WELL
Sample Number: AG7898

ENS: 93-11047
MP: 562931
REV: 02

Sampled: 1-APR-1993
Received: 3-APR-1993
Reported: 22-APR-1993

Analyte	Result	P Q L	Units	Comments	Method
DIBROMOCHLOROMETHANE	ND	40.000	UG/L		VOMSBAO322
DICHLORODIFLUOROMETHANE	ND	5.000	UG/L		VOGCHAN201
ETHYLBENZENE	ND	0.500	UG/L		VOGCPAN101
ETHYLBENZENE	ND	20.000	UG/L		VOMSBAO322
METHYLENE CHLORIDE	ND	8.000	UG/L		VOGCHAN201
METHYLENE CHLORIDE	ND	50.000	UG/L		VOMSBAO322
O-XYLENE	ND	20.000	UG/L		VOMSBAO322
TETRACHLOROETHENE	290.	4.000	UG/L		VOGCHAN201
TETRACHLOROETHENE	390.	20.000	UG/L		VOMSBAO322
TOLUENE	ND	0.500	UG/L		VOGCPAN101
TOLUENE	ND	20.000	UG/L		VOMSBAO322
TRANS-1,2-DICHLOROETHENE	ND	2.000	UG/L		VOGCHAN201
TRANS-1,2-DICHLOROETHENE	ND	20.000	UG/L		VOMSBAO322
TRANS-1,3-DICHLOROPROPENE	ND	4.000	UG/L		VOGCHAN201
TRANS-1,3-DICHLOROPROPENE	ND	20.000	UG/L		VOMSBAO322
TRICHLOROETHENE	110.	5.000	UG/L		VOGCHAN201
TRICHLOROETHENE	190.	20.000	UG/L		VOMSBAO322
TRICHLOROFLUOROMETHANE	ND	4.000	UG/L		VOGCHAN201
TRICHLOROFLUOROMETHANE	ND	20.000	UG/L		VOMSBAO322
VINYL CHLORIDE	ND	8.000	UG/L		VOGCHAN201
VINYL CHLORIDE	ND	40.000	UG/L		VOMSBAO322

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

C L I E N T R E P O R T

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: TBK-01FB
Sample Type: WELL
Sample Number: AG7892

ENS: 93-11047
MP: 562931
REV: 02

Sampled: 1-APR-1993
Received: 3-APR-1993
Reported: 22-APR-1993

Analyte	Result	P Q L	Units	Comments	Method
VOLATILE ORGANICS:					
1,2-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,3-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,4-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
BENZENE	ND	0.500	UG/L		VOGCPAN101
CHLOROBENZENE	ND	0.500	UG/L		VOGCPAN101
ETHYLBENZENE	ND	0.500	UG/L		VOGCPAN101
TOLUENE	ND	0.500	UG/L		VOGCPAN101

NA = Not Analyzed **ND = Not Detected** **TBK = Trip Blank**

Subcontract To:

WMI Environmental Monitoring Laboratories, Inc.

FIELD CHAIN-OF-CUSTODY RECORD

AquaPak™ PREP
AquaPak™ # 228
Date Sealed 93/3/15 (YY / MM / DD)
Seal # 49214
By: EL

SITE/FACILITY # 562 SITE NAME: O.S.C.O

Sample Point: W01FB (Source Code)

SAMPLE DATE: - 930401 (YY / MM / DD)

SAMPLE TIME: 11:45 (2400 HR.) MATRIX CODE: W

Water (W) Leachate (C) Soil (S) Other (X)

Source Codes:

Well (W) Leachate System (C) Pretreatment Facility (P) River/Stream/Brook (R) Soil (S) Generation Pt (G)
Dewatering/Pressure Relief (D) Gas Condensate (M) Influent (U) Lake or Ocean (L) Bottom Sediment (B) Other (X)
Surface Water Impoundment (I) Air (A) Effluent (T) Outfall (O) Noise (N) Specify

ENS # 93-11047

AquaPak™ CONTENT

SAMPLE I.D.	# OF BOTTLES	BOTTLE TYPE	PRESERVATIVE TYPE	ANALYTES/LAB GROUPS	FILTER Y—N	FIELD COMMENTS	E.M.L. COMMENTS
AG7892-A	04	G	HCL/COOL	4 DEG C VO	Y ~~N~~		
AG7892-B	04	G	HCL/COOL	4 DEG C VO	Y ~~N~~		
AG7892-C	04	G	NONE/COOL	4 DEG C VO	Y ~~N~~		
AG7892-D	01	G	HCL/COOL	4 DEG C VO	Y ~~N~~		TBK
~~AG7892-E~~	~~01~~	~~G~~	~~HCL/COOL~~	~~4 DEG C VO~~	Y ~~N~~		~~TBK~~ CANCEL 3-E
~~AG7892-F~~	~~01~~	~~G~~	~~NONE/COOL~~	~~4 DEG C VO~~	Y ~~N~~		~~TBK~~
					Y N		
					Y N		
					Y N		
					Y N		TB >6mg
					Y N		4-3-93
					Y N		JRH
					Y N		
					Y N		
					Y N		
					Y N		

CHAIN OF CUSTODY CHRONICLE

1. AquaPak™ Opened By: (print) TERRY McPHETRIDGE Date: 3/19/93 Time: 10:45 (2400 HR.)
Signature: Terry McPhetridge Seal #: 49214 Intact: YES

I have received these materials in good condition from the above person.

2. Name: Signature:
Date: / / Time: : (2400 HR.) Remarks:

I have received these materials in good condition from the above person.

3. Name: Signature:
Date: / / Time: : (2400 HR.) Remarks:

4. AquaPak™/Sub Contr. # 228 Sealed By: TERRY McPHETRIDGE (Print) Date: 4/2/93 Time: 15:00 (2400 HR.)
Signature: Terry McPhetridge Seal #: 43797 Intact: YES

LAB USE ONLY
Opened By: (Signature) Joel Hoffman Date: 4, 3, 93 Time: 10 45 (2400 HR.)
AquaPak™/Sub. Contr. # 228 Temp°C 3 Seal # 43797 Intact. YES

EML FF-1A 12/92

WMI Environmental Monitoring Laboratories, Inc.

Site # 562

Bottle Set: A6789Z

FIELD INFORMATION FORM

Sample Point: W01FB (Source Code)

PURGING INFORMATION

PURGE DATE (YY MM DD)	START PURGE (2400 Hr Clock)	ELAPSED HRS	WATER VOL. IN CASING (Gallons)	ACTUAL VOLUME PURGED (Gallons)
930401	1100	03	758	2310

PURGING AND SAMPLING EQUIPMENT

Purging Equipment ..... Dedicated (Y) | N | (circle one) Sampling Equipment ..... Dedicated (Y) | N | (circle one)

Purging Device	A	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- PURGING OTHER (SPECIFY)
Sampling Device	C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	
Purging Material	A+B	A-Teflon	C-Polypropylene	E-Polyethylene	X- PURGING OTHER (SPECIFY)
Sampling Material	A+B	B-Stainless Steel	D-PVC		X- SAMPLING OTHER (SPECIFY)
Tubing-Purging	X	A-Teflon	D-Polypropylene	F-Silicon	X- STAINLESS STEEL THE GALVANIZED PURGING OTHER (SPECIFY)
Tubing-Sampling	A	B-Tygon C-Rope X- (SPECIFY)	E-Polyethylene	G-Combination teflon/ Polypropylene	X- SAMPLING OTHER (SPECIFY)
Filtering Devices 0.45 μ:		A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	* 5203.6 (ft/msl)	Land Surface Elevation	(ft/msl)
Depth to water From top of well casing	243.65 (ft)	Depth to water From land surface	(ft)
Groundwater Elevation	276.71 (ft/msl)	Groundwater Elevation	(ft/msl)
Well Depth	* 318.00 (ft)	Stickup	(ft)

	ph	spec. cond. (μm/cm at 25° C)	Sample Temp.
1st	6.94 (STD)	717	19.3 (° C)
2nd	(STD)		
3rd	(STD)		
4th	(STD)		

(other parameter)	value	units
WELL DIAM	5.0	in

FIELD COMMENTS

Sample Appearance: _____ (if applicable) Odor: NONE Color: NO COLOR Turbidity: NONE

Weather Conditions: Wind Speed 5 MPH Direction NORTH Precipitation Y(N) Outlook CLOUDY

Specific Comments: * INFORMATION OBTAINED FROM WELL ID CHART (1993). WELL ACCESS GOOD. CONCRETE FOOTING BROKEN ON NE CORNER. 318 - 243.65 = 74.35 x 1.02 = 75.837 x 3 = 227.51 GALLONS. GOOD RECHARGE RATE; 3 WELL VOLUMES OBTAINED AT 11:20 hrs.

Ø1FB FIELD BLANK SAMPLES COLLECTED AT MW Ø4. WELL IS LOCATED IN THE WEST SIDE OF THE PLANT FACILITY.

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

4/1/93 (Date) Jerry McPhee (Signature) Employer: RUST E & I

Subcontract To: _____

WMI Environmental Monitoring Laboratories, Inc.

FIELD CHAIN-OF-CUSTODY RECORD

AquaPak™ PREP
AquaPak™ # 228
Date Sealed 93/03/15 (YY / MM / DD)
Seal # 49214
By: EP

SITE/FACILITY # 562 SITE NAME: O.S.C.O

Sample Point: WDUP (Source Code)

SAMPLE DATE: - 930401 (YY / MM / DD)

SAMPLE TIME: 13:25 (2400 HR.) MATRIX CODE: W

Water . . . . . (W) Leachate . . . . . (C)
Soil . . . . . (S) Other . . . . . (X)

Source Codes:

Well . . . . . (W) Leachate System . . (C) Pretreatment Facility . . . (P) River/Stream/Brook . . (R) Soil . . . . . (S) Generation Pt. . . . . (G)
Dewatering/Pressure Relief . . . . (D) Gas Condensate . . . (M) Influent . . . . . (U) Lake or Ocean . . . . . (L) Bottom Sediment . . . (B) Other . . . . . (X)
Surface Water Impoundment . . . (I) Air . . . . . (A) Effluent . . . . . (T) Outfall . . . . . (O) Noise . . . . . (N) Specify _____

ENS # 93-11047

AquaPak™ CONTENT

SAMPLE I.D.	# OF BOTTLES	BOTTLE TYPE	PRESERVATIVE TYPE	ANALYTES/LAB GROUPS	FILTER Y—N	FIELD COMMENTS	E.M.L. COMMENTS
AG7894-A	04	G	HCL/COOL 4 DEG C	VO	Y N		
AG7894-B	04	G	HCL/COOL 4 DEG C	VO	Y N		
AG7894-C	04	G	NONE/COOL 4 DEG C	VO	Y N		
~~AG7894-D~~	~~01~~	~~G~~	~~HCL/COOL 4 DEG C~~	~~VO~~	Y N		~~TBK~~ CANCEL
~~AG7894-E~~	~~01~~	~~G~~	~~HCL/COOL 4 DEG C~~	~~VO~~	Y N		~~TBK~~ 3-15-93
~~AG7894-F~~	~~01~~	~~G~~	~~NONE/COOL 4 DEG C~~	~~VO~~	Y N		~~TBK~~
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		

CHAIN OF CUSTODY CHRONICLE

1. AquaPak™ Opened By: (print) TERRY McPHETRIDGE Date: 3/19/93 Time: 10:45 (2400 HR.)
Signature: Terry McPh Seal #: 49214 Intact: YES

I have received these materials in good condition from the above person.

2. Name: _____ Signature: _____
Date: / / Time: : (2400 HR.) Remarks: _____

I have received these materials in good condition from the above person.

3. Name: _____ Signature: _____
Date: / / Time: : (2400 HR.) Remarks: _____

4. AquaPak™/Sub Contr. # 228 Sealed By: TERRY McPHETRIDGE (Print) Date: 4/2/93 Time: 15:00 (2400 HR.)
Signature: Terry McPh Seal #: 43797 Intact: YES

LAB USE ONLY
Opened By: (Signature) [illegible] Date: 4/3/93 Time: 10:45 (2400 HR.)
AquaPak™/Sub. Contr. # 228 Temp °C 2 Seal # 43797 Intact

EML FF-1A 12/92

WMI Environmental Monitoring Laboratories, Inc.

Site # 562

Bottle Set: AG789 4

FIELD INFORMATION FORM

Sample Point: WDUP (Source Code)

PURGING INFORMATION

PURGE DATE (YY MM DD)	START PURGE (2400 Hr Clock)	ELAPSED HRS	WATER VOL. IN CASING (Gallons)	ACTUAL VOLUME PURGED (Gallons)
930401	1237	0.5	850	2560

PURGING AND SAMPLING EQUIPMENT

Purging Equipment ..... Dedicated | Y | N | (circle one) Sampling Equipment ..... Dedicated | Y | N | (circle one)

Purging Device	A	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- PURGING OTHER (SPECIFY)
Sampling Device	C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	
Purging Material	A+B	A-Teflon	C-Polypropylene	E-Polyethylene	X- PURGING OTHER (SPECIFY)
Sampling Material	A+B	B-Stainless Steel	D-PVC		X- SAMPLING OTHER (SPECIFY)
Tubing-Purging	X	A-Teflon	D-Polypropylene	F-Silicon	X- STAINLESS STEEL TNC GALVANIZED PURGING OTHER (SPECIFY)
Tubing-Sampling	A	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X- SAMPLING OTHER (SPECIFY)
		C-Rope X- (SPECIFY)			
Filtering Devices 0.45 μ:		A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	* 5292.0 (ft/msl)	Land Surface Elevation	(ft/msl)
Depth to water From top of well casing	251.68 (ft)	Depth to water From land surface	(ft)
Groundwater Elevation	277.52 (ft/msl)	Groundwater Elevation	(ft/msl)
Well Depth	* 335.00 (ft)	Stickup	(ft)

	ph	spec. cond. (μm/cm at 25° C)			
1st	7.04 (STD)	675	Sample Temp.	18.9 (° C)	
2nd	(STD)		WELL DIAM. (other parameter)	5.0 (value)	in (units)
3rd	(STD)		(other parameter)	(value)	(units)
4th	(STD)		(other parameter)	(value)	(units)

FIELD COMMENTS

Sample Appearance: _____ (if applicable) Odor: NONE Color: NO COLOR Turbidity: NONE

Weather Conditions: Wind Speed 8 MPH Direction EAST Precipitation Y/N Outlook CLOUDY

Specific Comments: * INFORMATION OBTAINED FROM WELL ID CHART (1993). WELL ACCESS AND CONDITION ARE GOOD.

335.00 - 251.68 = 83.32 x 1.02 = 84.99 x 3 = 254.97 GALLONS. GOOD RECHARGE RATE; 3 WELL VOLUMES OBTAINED AT 13:05 hrs. DUPLICATE SAMPLES COLLECTED AT MW-01. WELL IS LOCATED IN NORTH PORTION OF PLANT FACILITY.

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

4/1/93 (Date) Jerry McPhee (Signature) Employer: RUST E & I

Subcontract To: _____

WMI Environmental Monitoring Laboratories, Inc.

FIELD CHAIN-OF-CUSTODY RECORD

AquaPak™ PREP
AquaPak™ # 228
Date Sealed 93/3/15 (YY / MM / DD)
Seal # 49214
By: EL

SITE/FACILITY # 562 SITE NAME: O.S.C.O

Sample Point: WMW01 (Source Code)

SAMPLE DATE: - 93/04/01 (YY / MM / DD)

SAMPLE TIME: 13:25 (2400 HR.) MATRIX CODE: W

Water . . . . . (W) Leachate . . . . . (C)
Soil . . . . . (S) Other . . . . . (X)

Source Codes:

Well . . . . . (W) Leachate System . . (C) Pretreatment Facility . . . (P) River/Stream/Brook . . (R) Soil . . . . . (S) Generation Pt. . . . . (G)
Dewatering/Pressure Relief . . . . (D) Gas Condensate . . . (M) Influent . . . . . (U) Lake or Ocean . . . . . (L) Bottom Sediment . . . (B) Other . . . . . (X)
Surface Water Impoundment . . . (I) Air . . . . . (A) Effluent . . . . . (T) Outfall . . . . . (O) Noise . . . . . (N) Specify _____

ENS # 93-11047

AquaPak™ CONTENT

SAMPLE I.D.	# OF BOTTLES	BOTTLE TYPE	PRESERVATIVE TYPE	ANALYTES/LAB GROUPS	FILTER Y — N	FIELD COMMENTS	E.M.L. COMMENTS
AG7893-A	04	G	HCL/COOL 4	DEG C VO	Y / N		
AG7893-B	04	G	HCL/COOL 4	DEG C VO	Y / N		
AG7893-C	04	G	NONE/COOL 4	DEG C VO	Y / N		
~~AG7893-D~~	~~01~~	~~G~~	~~HCL/COOL 4~~	~~DEG C VO~~	Y / N		~~TBK~~
~~AG7893-E~~	~~01~~	~~G~~	~~HCL/COOL 4~~	~~DEG C VO~~	Y / N		~~TBK~~ CHANGE
~~AG7893-F~~	~~01~~	~~G~~	~~NONE/COOL 4~~	~~DEG C VO~~	Y / N		~~TBK~~ 3/15
					Y / N		
					Y / N		
					Y / N		
					Y / N		
					Y / N		
					Y / N		
					Y / N		
					Y / N		
					Y / N		
					Y / N		
					Y / N		
					Y / N		

CHAIN OF CUSTODY CHRONICLE

1. AquaPak™ Opened By: (print) TERRY McPHETRIDGE Date: 3/19/93 Time: 10:45 (2400 HR.)
   Signature: Terry McPhetridge Seal #: 49214 Intact: YES

   I have received these materials in good condition from the above person.

2. Name: _____ Signature: _____
   Date: / / Time: : (2400 HR.) Remarks: _____

   I have received these materials in good condition from the above person.

3. Name: _____ Signature: _____
   Date: / / Time: : (2400 HR.) Remarks: _____

4. AquaPak™/Sub Contr. # 228 Sealed By: TERRY McPHETRIDGE (Print) Date: 4/2/93 Time: 15:00 (2400 HR.)
   Signature: Terry McPhetridge Seal #: 43797 Intact: YES

LAB USE ONLY
Opened By: (Signature) [signature] Date: 4/3/93 Time: 10:45 (2400 HR.)
AquaPak™/Sub. Contr. # 228 Temp°C 3 Seal # 112797 Intact

EML FF-1A 12/92

WMI Environmental Monitoring Laboratories, Inc.

Site # 562

Bottle Set: AG7893

FIELD INFORMATION FORM

Sample Point: WMW01 (Source Code)

PURGING INFORMATION

PURGE DATE (YY MM DD)	START PURGE (2400 Hr Clock)	ELAPSED HRS	WATER VOL. IN CASING (Gallons)	ACTUAL VOLUME PURGED (Gallons)
930401	1237	05	850	2560

PURGING AND SAMPLING EQUIPMENT

Purging Equipment ..... Dedicated (Y) | N | (circle one) Sampling Equipment ..... Dedicated (Y) | N | (circle one)

Purging Device	A	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- PURGING OTHER (SPECIFY)
Sampling Device	C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	
Purging Material	A+B	A-Teflon	C-Polypropylene	E-Polyethylene	X- PURGING OTHER (SPECIFY)
Sampling Material	A+B	B-Stainless Steel	D-PVC		X- SAMPLING OTHER (SPECIFY)
Tubing-Purging	X	A-Teflon	D-Polypropylene	F-Silicon	X- STAINLESS STEEL TNG GALVANIZED PURGING OTHER (SPECIFY)
Tubing-Sampling	A	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X- SAMPLING OTHER (SPECIFY)
		C-Rope X- (SPECIFY)			
Filtering Devices 0.45 μ:		A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	* 529.20 (ft/msl)	Land Surface Elevation	(ft/msl)
Depth to water From top of well casing	251.68 (ft)	Depth to water From land surface	(ft)
Groundwater Elevation	277.52 (ft/msl)	Groundwater Elevation	(ft/msl)
Well Depth	* 335.00 (ft)	Stickup	(ft)

	ph	spec. cond. (μm/cm at 25° C)			
1st	7.04 (STD)	675	Sample Temp.	18.9 (° C)	
2nd	(STD)		WELL DIAM (other parameter)	5.0 (value)	in (units)
3rd	(STD)		(other parameter)	value	units
4th	(STD)		(other parameter)	value	units

FIELD COMMENTS

Sample Appearance: _____ (if applicable) Odor: NONE Color: NO COLOR Turbidity: NONE

Weather Conditions: Wind Speed 8 MPH Direction EAST Precipitation Y/(N) Outlook CLOUDY

Specific Comments: * INFORMATION OBTAINED FROM WELL ID CHART (1993). WELL ACCESS AND CONDITION ARE GOOD.

335.00 − 251.68 = 83.32 x 1.02 = 84.99 x 3 = 254.97 GALLONS. GOOD RECHARGE RATE; 3 WELL VOLUMES AT 13:05 hrs. DUPLICATE SAMPLES COLLECTED AT MW-01, 'DUP' BOTTLE/SAMPLE ID # AG7894.

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

4/1/93 (Date) [signature] (Signature) Employer: RUST E & I

Subcontract To: _____

WMI Environmental Monitoring Laboratories, Inc.

FIELD CHAIN-OF-CUSTODY RECORD

AquaPak™ PREP
AquaPak™ # 335
Date Sealed 9 3 / 3 / 15 (YY / MM / DD)
Seal # 43166
By: EL

SITE/FACILITY # 562 SITE NAME: O.S.C.O

Sample Point: WMW02 (Source Code)

SAMPLE DATE: - 93 04 01 (YY / MM / DD)

SAMPLE TIME: 14:50 (2400 HR.) MATRIX CODE: W

Water (W) Leachate (C) Soil (S) Other (X)

Source Codes:
Well (W) Leachate System (C) Pretreatment Facility (P) River/Stream/Brook (R) Soil (S) Generation Pt. (G)
Dewatering/Pressure Relief (D) Gas Condensate (M) Influent (U) Lake or Ocean (L) Bottom Sediment (B) Other (X)
Surface Water Impoundment (I) Air (A) Effluent (T) Outfall (O) Noise (N) Specify _____

ENS # 93-11047

AquaPak™ CONTENT

SAMPLE I.D.	# OF BOTTLES	BOTTLE TYPE	PRESERVATIVE TYPE	ANALYTES/LAB GROUPS	FILTER Y — N	FIELD COMMENTS	E.M.L. COMMENTS
AG7895-A	04	G	HCL/COOL 4 DEG C	VO	Y / N		
AG7895-B	04	G	HCL/COOL 4 DEG C	VO	Y / N		
AG7895-C	04	G	NONE/COOL 4 DEG C	VO	Y / N	C4 BROKE WHILE COOLING TEM WAS	
AG7895-D	01	G	HCL/COOL 4 DEG C	VO	Y / N		TBK
~~AG7895-E~~	~~01~~	~~G~~	~~HCL/COOL 4 DEG C~~	~~VO~~	~~Y / N~~		~~TBK~~
~~AG7895-F~~	~~01~~	~~G~~	~~NONE/COOL 4 DEG C~~	~~VO~~	~~Y / N~~		~~TBK~~ CANCEL 5-13-93
					Y / N		
					Y / N		
					Y / N		
					Y / N		
					Y / N		TB > 6mm
					Y / N		4-3-93
					Y / N		JRH
					Y / N		
					Y / N		
					Y / N		
					Y / N		

CHAIN OF CUSTODY CHRONICLE

1. AquaPak™ Opened By: (print) TERRY McPHETRIDGE Date: 3/19/93 Time: 10:15 (2400 HR.)
Signature: [signature] Seal #: 43166 Intact: YES

I have received these materials in good condition from the above person.

2. Name: _____ Signature: _____
Date: / / Time: : (2400 HR.) Remarks: _____

I have received these materials in good condition from the above person.

3. Name: _____ Signature: _____
Date: / / Time: : (2400 HR.) Remarks: _____

4. AquaPak™/Sub Contr. # 335 Sealed By: TERRY McPHETRIDGE (Print) Date: 4/2/93 Time: 15:10 (2400 HR.)
Signature: [signature] Seal #: 43984 Intact: YES

LAB USE ONLY
Opened By: (Signature) [signature] Date: 4/3/93 Time: 10:08 (2400 HR.)
AquaPak™/Sub Contr. # 335 Temp°C 1 Seal # 43984 Intact Y

EML FF-1A 12/92

WMI Environmental Monitoring Laboratories, Inc.

Site # 562

Bottle Set: AG7895

FIELD INFORMATION FORM

Sample Point: WMW02 (Source Code)

PURGING INFORMATION

PURGE DATE (YY MM DD)	START PURGE (2400 Hr Clock)	ELAPSED HRS	WATER VOL. IN CASING (Gallons)	ACTUAL VOLUME PURGED (Gallons)
930401	1420	04	79.5	245

PURGING AND SAMPLING EQUIPMENT

Purging Equipment ..... Dedicated (Y) | N | (circle one) Sampling Equipment ..... Dedicated (Y) | N | (circle one)

Purging Device	A	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- PURGING OTHER (SPECIFY)
Sampling Device	C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	
Purging Material	A+B	A-Teflon	C-Polypropylene	E-Polyethylene	X- PURGING OTHER (SPECIFY)
Sampling Material	A+B	B-Stainless Steel	D-PVC		X- SAMPLING OTHER (SPECIFY)
Tubing-Purging	X	A-Teflon	D-Polypropylene	F-Silicon	X- STAINLESS STEEL INC GALVANIZED PURGING OTHER (SPECIFY)
Tubing-Sampling	A	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X- SAMPLING OTHER (SPECIFY)
		C-Rope X- (SPECIFY)			
Filtering Devices 0.45 μ:		A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	* ~~512~~ TEM 513.57 (ft/msl)	Land Surface Elevation	(ft/msl)
Depth to water From top of well casing	250.03 (ft)	Depth to water From land surface	(ft)
Groundwater Elevation	275.54 (ft/msl)	Groundwater Elevation	(ft/msl)
Well Depth	* 328.00 (ft)	Stickup	(ft)

	ph	spec. cond. (μm/cm at 25° C)
1st	7.01 (STD)	555
2nd	(STD)	
3rd	(STD)	
4th	(STD)	

Sample Temp. 18.9 (° C)

(other parameter)	value	units
Well Diam	50	in

FIELD COMMENTS

Sample Appearance: _____ (if applicable) Odor: NONE Color: No Color Turbidity: NONE

Weather Conditions: Wind Speed 8 MPH Direction E Precipitation Y/(N) Outlook CLOUDY

Specific Comments: * INFORMATION OBTAINED FROM WELL ID CHART (1993).
WELL ACCESS & CONDITION ARE GOOD.

328.00 - 250.03 = 77.97 x 1.02 = 79.53 x 3 = 238.59 GALLONS.
GOOD RECHARGE RATE; 3 WELL VOLUMES OBTAINED AT 14:45hrs.
WELL IS LOCATED IN S.E. CORNER OF SITE, SOUTH OF CWM OFFICE/
ADMINISTRATION BUILDINGS.

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

4/1/93 (Date) Mary McPhee (Signature) Employer: RUST E & I

Subcontract To: _____

WMI Environmental Monitoring Laboratories, Inc.

FIELD CHAIN-OF-CUSTODY RECORD

AquaPak™ PREP
AquaPak™ # 335
Date Sealed 9 3 / 1 3 / 1 5 (YY / MM / DD)
Seal # 431666
By: ER

SITE/FACILITY # 562 SITE NAME: O.S.C.O

Sample Point: WMW03 (Source Code)

SAMPLE DATE: - (YY / MM / DD)

SAMPLE TIME: : (2400 HR.) MATRIX CODE: W

Water (W) Soil (S) Leachate (C) Other (X)

Source Codes:

Well (W) Dewatering/Pressure Relief (D) Surface Water Impoundment (I) Leachate System (C) Gas Condensate (M) Air (A) Pretreatment Facility (P) Influent (U) Effluent (T) River/Stream/Brook (R) Lake or Ocean (L) Outfall (O) Soil (S) Bottom Sediment (B) Noise (N) Generation Pt (G) Other (X) Specify _____

ENS # 93-11047

AquaPak™ CONTENT

SAMPLE I.D.	# OF BOTTLES	BOTTLE TYPE	PRESERVATIVE TYPE	ANALYTES/LAB GROUPS	FILTER Y—N	FIELD COMMENTS	E.M.L. COMMENTS
AG7896-A	04	G	HCL/COOL	4 DEG C VO	Y N		
AG7896-B	04	G	HCL/COOL	4 DEG C VO	Y N		
AG7896-C	04	G	NONE/COOL	4 DEG C VO	Y N		
~~AG7896-D~~	~~01~~	~~G~~	~~HCL/COOL~~	~~4 DEG C VO~~	Y N		~~TBK~~ CANCELLED
~~AG7896-E~~	~~01~~	~~G~~	~~HCL/COOL~~	~~4 DEG C VO~~	Y N		~~TBK~~
~~AG7896-F~~	~~01~~	~~G~~	~~NONE/COOL~~	~~4 DEG C VO~~	Y N		~~TBK~~ 5-15-93
					Y N		
					Y N	NO SAMPLING	
					Y N		
					Y N	PERFORMED. RESCHEDULED	
					Y N		
					Y N	W/ NEW EVENT #.	
					Y N		
					Y N	TBM 4/2/93	
					Y N		
					Y N		
					Y N		

CHAIN OF CUSTODY CHRONICLE

1. AquaPak™ Opened By: (print) TERRY McPHETRIDGE Date: 3/19/93 Time: 10:15 (2400 HR.)
Signature: Terry McPhetridge Seal #: 431666 Intact: YES

I have received these materials in good condition from the above person.

2. Name: _____ Signature: _____
Date: / / Time: : (2400 HR.) Remarks: _____

I have received these materials in good condition from the above person.

3. Name: _____ Signature: _____
Date: / / Time: : (2400 HR.) Remarks: _____

4. AquaPak™/Sub Contr. # 335 Sealed By: Terry McPhetridge (Print) Date: 4/2/93 Time: 15:10 (2400 HR.)
Signature: Terry McPhetridge Seal #: 43984 Intact: YES

LAB USE ONLY
Opened By: (Signature) [illegible] Date: 4/3/93 Time: 10:08 (2400 HR.)
AquaPak™/Sub. Contr. # 335 Temp°C 1 Seal # 113984 Intact [illegible]

EML FF-1A 12/92

WMI Environmental Monitoring Laboratories, Inc.

Site # 562

Bottle Set: AG7896

FIELD INFORMATION FORM

Sample Point: WMW03 (Source Code)

PURGING INFORMATION

PURGE DATE (YY MM DD)	START PURGE (2400 Hr Clock)	ELAPSED HRS	WATER VOL. IN CASING (Gallons)	ACTUAL VOLUME PURGED (Gallons)

PURGING AND SAMPLING EQUIPMENT

Purging Equipment ..... Dedicated (Y) | N | (circle one) Sampling Equipment ..... Dedicated (Y) | N | (circle one)

Purging Device	A	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- PURGING OTHER (SPECIFY)
Sampling Device	C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	
Purging Material	A+B	A-Teflon	C-Polypropylene	E-Polyethylene	X- PURGING OTHER (SPECIFY)
Sampling Material	A+B	B-Stainless Steel	D-PVC		X- SAMPLING OTHER (SPECIFY)
Tubing-Purging	X	A-Teflon	D-Polypropylene	F-Silicon	X- STAINLESS STEEL INC GALVANIZED PURGING OTHER (SPECIFY)
Tubing-Sampling	A	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X- SAMPLING OTHER (SPECIFY)
		C-Rope X- (SPECIFY)			
Filtering Devices 0.45 μ:		A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	* 518.93 (ft/msl)	Land Surface Elevation	(ft/msl)
Depth to water From top of well casing	(ft)	Depth to water From land surface	(ft)
Groundwater Elevation	(ft/msl)	Groundwater Elevation	(ft/msl)
Well Depth	* 319.50 (ft)	Stickup	(ft)

	ph		spec. cond.			(other parameter)	value	units
1st	(STD)	1st	μm/cm at 25° C	Sample Temp.	(° C)	WELL DIAM		
2nd	(STD)	2nd	μm/cm at 25° C					
3rd	(STD)	3rd	μm/cm at 25° C					
4th	(STD)	4th	μm/cm at 25° C					

FIELD COMMENTS

Sample Appearance: _____ (if applicable) Odor: _____ Color: _____ Turbidity: _____

Weather Conditions: Wind Speed _____ Direction _____ Precipitation Y/N Outlook _____

Specific Comments: * INFORMATION OBTAINED FROM WELL ID CHART (1993)

NO PURGING OR SAMPLING PERFORMED IN MW-03. RESCHEDULED W/ NEW EVENT NO. TRM 4/2/93

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

4/2/93 (Date) [signature] (Signature) Employer: RUST E&I

Subcontract To: _____

WMI Environmental Monitoring Laboratories, Inc.

FIELD CHAIN-OF-CUSTODY RECORD

AquaPak™ PREP
AquaPak™ # 335
Date Sealed 93/3/15 (YY / MM / DD)
Seal # 431660
By: ER

SITE/FACILITY # 562 SITE NAME: O.S.C.O

Sample Point: WMW04 (Source Code)

SAMPLE DATE: - 930401 (YY / MM / DD)

SAMPLE TIME: 11:45 (2400 HR.) MATRIX CODE: W

Water . . . . . (W) Leachate . . . . . (C)
Soil . . . . . (S) Other . . . . . (X)

Source Codes:

Well . . . . . (W) Leachate System . . (C) Pretreatment Facility . . . (P) River/Stream/Brook . . (R) Soil . . . . . (S) Generation Pt . . . . (G)
Dewatering/Pressure Relief . . . . (D) Gas Condensate . . . (M) Influent . . . . . (U) Lake or Ocean . . . . . (L) Bottom Sediment . . . (B) Other . . . . . (X)
Surface Water Impoundment . . . (I) Air . . . . . (A) Effluent . . . . . (T) Outfall . . . . . (O) Noise . . . . . (N) Specify _____

ENS # 93-11047

AquaPak™ CONTENT

SAMPLE I.D.	# OF BOTTLES	BOTTLE TYPE	PRESERVATIVE TYPE	ANALYTES/LAB GROUPS	FILTER Y → N	FIELD COMMENTS	E.M.L. COMMENTS
AG7897-A	04	G	HCL/COOL 4 DEG C	VO	Y / N		
AG7897-B	04	G	HCL/COOL 4 DEG C	VO	Y / N		
AG7897-C	04	G	NONE/COOL 4 DEG C	VO	Y / N		
~~AG7897-D~~	~~01~~	~~G~~	~~HCL/COOL 4 DEG C~~	~~VO~~	Y / N		~~TBK~~
~~AG7897-E~~	~~01~~	~~G~~	~~HCL/COOL 4 DEG C~~	~~VO~~	Y / N		~~TBK~~ CANCEL
~~AG7897-F~~	~~01~~	~~G~~	~~NONE/COOL 4 DEG C~~	~~VO~~	Y / N		~~TBK~~ 3-15-93
					Y / N		
					Y / N		
					Y / N		
					Y / N		
					Y / N		
					Y / N		
					Y / N		
					Y / N		
					Y / N		
					Y / N		
					Y / N		

CHAIN OF CUSTODY CHRONICLE

1. AquaPak™ Opened By: (print) TERRY McPHETRIDGE Date: 3/19/93 Time: 10:15 (2400 HR.)
Signature: Terry McP Seal #: 431666 Intact: YES

I have received these materials in good condition from the above person.

2. Name: _____ Signature: _____
Date: / / Time: : (2400 HR.) Remarks: _____

I have received these materials in good condition from the above person.

3. Name: _____ Signature: _____
Date: / / Time: : (2400 HR.) Remarks: _____

4. AquaPak™/Sub Contr. # 335 Sealed By: TERRY McPHETRIDGE (Print) Date: 4/2/93 Time: 15:10 (2400 HR.)
Signature: Terry McP Seal #: 43984 Intact: YES

LAB USE ONLY
Opened By: (Signature) Noel Hoffman Date: 4/3/93 Time: 10:08 (2400 HR.)
AquaPak™/Sub. Contr. # 335 Temp °C 1/ Seal # 439844 Intact 1/

EML FF-1A 12/92

WMI Environmental Monitoring Laboratories, Inc.

Site # 562

Bottle Set: A6789 7

FIELD INFORMATION FORM

Sample Point: WMW04 (Source Code)

PURGING INFORMATION

PURGE DATE (YY MM DD)	START PURGE (2400 Hr Clock)	ELAPSED HRS	WATER VOL. IN CASING (Gallons)	ACTUAL VOLUME PURGED (Gallons)
930401	11:00	03	75.8	231.0

PURGING AND SAMPLING EQUIPMENT

Purging Equipment ..... Dedicated (Y) | N | (circle one) Sampling Equipment ..... Dedicated (Y) | N | (circle one)

Purging Device	A	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- PURGING OTHER (SPECIFY)
Sampling Device	C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	
Purging Material	A+B	A-Teflon	C-Polypropylene	E-Polyethylene	X- PURGING OTHER (SPECIFY)
Sampling Material	A+B	B-Stainless Steel	D-PVC		X- SAMPLING OTHER (SPECIFY)
Tubing-Purging	X	A-Teflon	D-Polypropylene	F-Silicon	X- STAINLESS STEEL INC GALVANIZED PURGING OTHER (SPECIFY)
Tubing-Sampling	A	B-Tygon C-Rope X- (SPECIFY)	E-Polyethylene	G-Combination teflon/ Polypropylene	X- SAMPLING OTHER (SPECIFY)
Filtering Devices 0.45 μ:		A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	* 520.36 (ft/msl)	Land Surface Elevation	(ft/msl)
Depth to water From top of well casing	243.65 (ft)	Depth to water From land surface	(ft)
Groundwater Elevation	276.71 (ft/msl)	Groundwater Elevation	(ft/msl)
Well Depth	* 318.00 (ft)	Stickup	(ft)

	ph	spec. cond. (μm/cm at 25° C)
1st	6.97 (STD)	717
2nd	(STD)	
3rd	(STD)	
4th	(STD)	

Sample Temp. 19.3 (° C)

(other parameter)	value	units
WELL DIAM	50	in

FIELD COMMENTS

Sample Appearance: _____ (if applicable) Odor: NONE Color: NO COLOR Turbidity: NONE

Weather Conditions: Wind Speed 5 MPH Direction NORTH Precipitation Y/(N) Outlook CLOUDY

Specific Comments: * INFORMATION OBTAINED FROM WELL ID CHART (1993)
WELL ACCESS GOOD. CONCRETE PAD CRACKED ON NE SIDE.
318 - 243.65 = 74.35 x 1.02 = 75.837 x 3 = 227.51 GALLONS.
GOOD RECHARGE RATE; 3 WELL VOLUMES OBTAINED AT 11:20 hrs.
01FB FIELD BLANK SAMPLES COLLECTED AT MW04.
WELL IS LOCATED IN THE WEST SECTION OF THE PLANT FACILITY.

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

4/1/93 (Date) Gary McP (Signature) Employer: RUST E & I

Subcontract To: _____

WMI Environmental Monitoring Laboratories, Inc.

FIELD CHAIN-OF-CUSTODY RECORD

AquaPak™ PREP
AquaPak™ # 335
Date Sealed 9 3 0 3 1 5 (YY / MM / DD)
Seal # 43166
By: EB

SITE/FACILITY # 562 SITE NAME: O.S.C.O

Sample Point: WMW05 (Source Code)

SAMPLE DATE: - 9 3 0 4 0 1 (YY / MM / DD)

SAMPLE TIME: 1 0 : 3 0 (2400 HR.) MATRIX CODE: W

Water . . . . . (W) Leachate . . . . . (C)
Soil . . . . . (S) Other . . . . . (X)

Source Codes:

Well . . . . . (W) Leachate System . . (C) Pretreatment Facility . . . (P) River/Stream/Brook . . (R) Soil . . . . . (S) Generation Pt. . . . . (G)
Dewatering/Pressure Relief . . . . (D) Gas Condensate . . . (M) Influent . . . . . (U) Lake or Ocean . . . . . (L) Bottom Sediment . . . (B) Other . . . . . (X)
Surface Water Impoundment . . . (I) Air . . . . . (A) Effluent . . . . . (T) Outfall . . . . . (O) Noise . . . . . (N) Specify _____

ENS # 93-11047

AquaPak™ CONTENT

SAMPLE I.D.	# OF BOTTLES	BOTTLE TYPE	PRESERVATIVE TYPE	ANALYTES/LAB GROUPS	FILTER Y — N	FIELD COMMENTS	E.M.L. COMMENTS
AG7898-A	04	G	HCL/COOL	4 DEG C VO	Y N		
AG7898-B	04	G	HCL/COOL	4 DEG C VO	Y N		
AG7898-C	04	G	NONE/COOL	4 DEG C VO	Y N		
~~AG7898-D~~	~~01~~	~~G~~	~~HCL/COOL~~	~~4 DEG C VO~~	Y N		~~TBK~~
~~AG7898-E~~	~~01~~	~~G~~	~~HCL/COOL~~	~~4 DEG C VO~~	Y N		~~TBK~~ CANCEL
~~AG7898-F~~	~~01~~	~~G~~	~~NONE/COOL~~	~~4 DEG C VO~~	Y N		~~TBK~~ 9-15-9
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		

CHAIN OF CUSTODY CHRONICLE

1. AquaPak™ Opened By: (print) TERRY McPHETRIDGE Date: 3/19/93 Time: 10:15 (2400 HR.)
Signature: Terry McPh Seal #: 43166 Intact: YES

I have received these materials in good condition from the above person.

2. Name: _____ Signature: _____
Date: / / Time: : (2400 HR.) Remarks: _____

I have received these materials in good condition from the above person.

3. Name: _____ Signature: _____
Date: / / Time: : (2400 HR.) Remarks: _____

4. AquaPak™/Sub Contr. # 335 Sealed By: TERRY McPHETRIDGE (Print) Date: 4/2/93 Time: 15:10 (2400 HR.)
Signature: Terry McPh Seal #: 43984 Intact: YES

LAB USE ONLY
Opened By: (Signature) [signature] Date: 4/3/93 Time: 10:08 (2400 HR.)
AquaPak™/Sub. Contr. # 335 Temp°C 1 Seal # 43984 Intact ✓

EML FF-1A 12/92

WMI Environmental Monitoring Laboratories, Inc.

Site # 562

Bottle Set: AG7898

FIELD INFORMATION FORM

Sample Point: WMW05 (Source Code)

PURGING INFORMATION

PURGE DATE (YY MM DD)	START PURGE (2400 Hr Clock)	ELAPSED HRS	WATER VOL. IN CASING (Gallons)	ACTUAL VOLUME PURGED (Gallons)
930401	938	0.5	87.0	265.7

PURGING AND SAMPLING EQUIPMENT

Purging Equipment ..... Dedicated (Y) | N | (circle one) Sampling Equipment ..... Dedicated (Y) | N | (circle one)

Purging Device	A	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- PURGING OTHER (SPECIFY)
Sampling Device	C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	
Purging Material	A+B	A-Teflon	C-Polypropylene	E-Polyethylene	X- PURGING OTHER (SPECIFY)
Sampling Material	A+B	B-Stainless Steel	D-PVC		X- SAMPLING OTHER (SPECIFY)
Tubing-Purging	X	A-Teflon	D-Polypropylene	F-Silicon	X- STAINLESS STEEL INC GALVANIZED PURGING OTHER (SPECIFY)
Tubing-Sampling	A	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X- SAMPLING OTHER (SPECIFY)
		C-Rope X- (SPECIFY)			
Filtering Devices 0.45 μ:		A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	* 519.57 (ft/msl)		Land Surface Elevation	(ft/msl)
Depth to water From top of well casing	244.68 (ft)		Depth to water From land surface	(ft)
Groundwater Elevation	274.89 (ft/msl)		Groundwater Elevation	(ft/msl)
Well Depth	* 330.00 (ft)		Stickup	(ft)

	ph		spec. cond. (μm/cm at 25° C)		
1st	7.09 (STD)	1st	743	Sample Temp.	19.0 (° C)
2nd	(STD)	2nd			
3rd	(STD)	3rd			
4th	(STD)	4th			

(other parameter)	value	units
WELL DIAM	5.0	in

FIELD COMMENTS

Sample Appearance: _____ (if applicable) Odor: NONE Color: NO COLOR Turbidity: NONE

Weather Conditions: Wind Speed 5 MPH Direction NW Precipitation Y/(N) Outlook CLOUDY

Specific Comments: * INFORMATION OBTAINED FROM WELL ID CHART (1993). WELL ACCESS & CONDITION ARE GOOD.

330.00 - 244.68 = 85.32 x 1.02 = 87.02 x 3 = 261.07 GALLONS 3 WELL VOLUME

GOOD RECHARGE RATE; 3 WELL VOLUMES OBTAINED AT 10:05 hrs.

WELL IS LOCATED IN THE S.W. SECTION OF THE SITE; SOUTH PORTION OF THE PLANT FACILITY.

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

4/1/93 (Date) Jerry McPlat (Signature) Employer: RUST E & I

WMI Environmental Monitoring Laboratories, Inc.

Analytical Report Transmittal Memorandum

APR 1993
RECEIVED
Western Region
Environmental
Mgt. Dept.
C.W.M.I.

Date: April 27, 1993

To: Client(s) - see below

From: Dave Lundquist

Subject: O.S.C.O. 93-11536

Please find enclosed the current Client Report, Field Information Forms, and Field Chain-of-Custody Records for the recently completed event at O.S.C.O..

The data has been thoroughly reviewed and compared to historical data. We have tried to provide a report that is complete and of known and documented quality. Please take a moment to review the enclosed report to insure it meets your expectations.

If you have any questions, don't hesitate to call Donna Bierschenk at (708)208-3100.

Report Distribution:

Name	Report Type
Marc Yalom*	ALL +Diskette

* *Program Manager*

WMI Environmental Monitoring Laboratories, Inc.
2100 Cleanwater Drive
Geneva, Illinois 60134
708/208-3100

A Waste Management Company

Enclosed are the analytical results for samples received from your facility. The results in the Client Report are for a single ENS (Event Notification System) number only. The sampling event at your facility may include multiple ENS numbers. A separate Client Report will be generated for each one.

It is the goal of WMI Environmental Monitoring Laboratories, Inc. to provide analytical data in a timely fashion, formatted in a way that our clients will find most useful.

If you have any questions concerning the form or content of this report, please contact the WMI EML Customer Operations Department:

Main Number (708) 208-3100
FAX Number (708) 208-1175

Note: Two designations may appear in the results column of your Client Report: NA or ND.

The designation NA (for "Not Analyzed") is used to identify analytes which were requested in the monitoring program, but for which no suitable testing methodology exists. NA may also indicate a dry well, broken sample bottle, insufficient sample volume, or other condition which precludes analysis for a sample.

The designation ND (for "Not Detected") is used to indicate that the analyte of interest was not found at or above the concentration listed under the EMLRL (EML Reporting Limit) heading.

Unless otherwise indicated, all analytes meet the requirements of holding time as specified in the method.

Deborah C. Hockman, Ph.D.

Deborah C. Hockman, Ph.D.
President
WMI Environmental Monitoring Laboratories, Inc.

Printed on recycled paper

DATA QUALIFIER COMMENT CODE DEFINITIONS

AR: Acid surrogate recoveries did not meet the acceptance criteria of the method. Oxidative degradation due to sample matrix is suggested.

BB: Broken bottle.

BL: The method blank concentration associated with this analyte did not meet the acceptance criteria of the method.

CX: The concentration of this compound exceeded the calibration used for this analysis. The concentration reported is estimated.

CU: Co-elution with another compound interferes with the quantitation of this compound. The concentration reported is estimated.

DL: The sample was diluted during analysis. Reporting limits have been adjusted where necessary.

DP: This sample was analyzed in duplicate. The relative percent difference between the two results did not meet the acceptance criteria of the method.

DW: Dry well.

HS: Headspace in sample exceeded laboratory control limit. The reported results of the analysis may be less than the actual value.

IS: The internal standard recoveries associated with this analysis did not meet the acceptance criteria of the method.

IV: The bottle did not contain enough sample to perform the analysis.

MP: 3-methylphenol and 4-methylphenol co-elute under the analytical conditions of the method, and can not be differentiated solely on the basis of their mass spectra. The concentrations reported may be either or both isomers.

MX: This sample was used as a matrix spike. The percent recovery did not meet the acceptance criteria of the method. The analysis of a quality control standard showed the analytical system was in control. The result reported may therfore be affected by matrix interferences.

NN: N-nitrosodiphenylamine can not be distinguished from diphenylamine using gas chromatography. The concentrations reported may be either or both compounds.

NQ: No standard qualifier code is in use for this qualification. See the associated comment.

NS: There was not enough sample to repeat this analysis.

PL: This result may be a product of contamination from phthalate plasticizers, which are a common lab contaminant.

PX: This sample required preservation in the field to a pH of less than 2. The pH was checked before analysis and did not have a pH of less than 2.

PY: This sample required preservation in the field to a pH of 4 to 5. The pH was checked before analysis and did not have a pH of 4 to 5..

PZ: This sample required preservation in the field to a pH of 12 or greater. The pH was checked before analysis and did not have a pH of 12 or greater.

QX: This sample was used as a matrix spike. The percent recovery did not meet the acceptance criteria of the method. The analysis of a quality control standard showed the analytical system was out-of-control. The analytical result for this parameter in the unspiked sample is suspect and may not be reported for regulatory compliance purposes.

SB: The analysis of this sample was performed by an approved subcontract laboratory.

ST: This compound is not stable in acidic water.

SU: The analysis of the surrogate with this sample did not meet the acceptance criteria of the method.

TX: The analysis for this parameter was conducted after the holding time specified in the method.

UN: This compound is not stable under the conditions of the analysis.

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW03
Sample Type: WELL
Sample Number: AH0616

ENS: 93-11536
MP: 562934
REV: 00

Sampled: 9-APR-1993
Received: 10-APR-1993
Reported: 26-APR-1993

Analyte	Result	P Q L	Units	Comments	Method
FIELD DATA:					
DEPTH TO WATER FROM TOP OF CASING	239.13		FT		FDWDTWTC01
GROUNDWATER ELEV.	279.80		FT MSL		FDWGWELWDT
PH FIELD	6.99		PH UNITS		FDPHSING01
SPECIFIC CONDUCTANCE FIELD	653		UMHOS/CM		FDSPCOND01
WATER TEMPERATURE IN DEGREES CELSIUS	17.7		DEGREES C		FDXTEMPC01
WELL DEPTH TOTAL	319.50		FT		FDWGWELWDT
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.000	UG/L		VOMSBA0322
1,1,1-TRICHLOROETHANE	9.	0.800	UG/L		VOGCHAN201
1,1,1-TRICHLOROETHANE	ND	5.000	UG/L		VOMSBA0322
1,1,2,2-TETRACHLOROETHANE	ND	2.000	UG/L		VOGCHAN201
1,1,2,2-TETRACHLOROETHANE	ND	5.720	UG/L		VOMSBA0322
1,1,2-TRICHLOROETHANE	ND	1.000	UG/L		VOGCHAN201
1,1,2-TRICHLOROETHANE	ND	5.720	UG/L		VOMSBA0322
1,1-DICHLOROETHANE	ND	0.800	UG/L		VOGCHAN201
1,1-DICHLOROETHANE	ND	5.000	UG/L		VOMSBA0322
1,1-DICHLOROETHENE	17.	0.800	UG/L		VOGCHAN201
1,1-DICHLOROETHENE	8.	5.000	UG/L		VOMSBA0322
1,2-DICHLOROBENZENE	ND	1.000	UG/L		VOGCHAN201
1,2-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,2-DICHLOROBENZENE	ND	10.000	UG/L		VOMSBA0322
1,2-DICHLOROETHANE	ND	1.000	UG/L		VOGCHAN201
1,2-DICHLOROETHANE	ND	5.000	UG/L		VOMSBA0322
1,2-DICHLOROPROPANE	ND	2.000	UG/L		VOGCHAN201
1,2-DICHLOROPROPANE	ND	5.000	UG/L		VOMSBA0322
1,3-DICHLOROBENZENE	ND	2.000	UG/L		VOGCHAN201
1,3-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,3-DICHLOROBENZENE	ND	10.000	UG/L		VOMSBA0322
1,4-DICHLOROBENZENE	ND	1.600	UG/L		VOGCHAN201
1,4-DICHLOROBENZENE	ND	1.000	UG/L		VOGCPAN101
1,4-DICHLOROBENZENE	ND	10.000	UG/L		VOMSBA0322
2-BUTANONE	ND	14.300	UG/L		VOMSBA0322
2-CHLOROETHYLVINYL ETHER	ND	9.000	UG/L	ST	VOGCHAN201
2-CHLOROETHYLVINYL ETHER	ND	20.000	UG/L	ST	VOMSBA0322
4-METHYL-2-PENTANONE	ND	14.300	UG/L		VOMSBA0322
ACETONE	ND	34.320	UG/L		VOMSBA0322
BENZENE	ND	0.500	UG/L		VOGCPAN101
BENZENE	ND	5.000	UG/L		VOMSBA0322
BROMODICHLOROMETHANE	ND	1.000	UG/L		VOGCHAN201
BROMODICHLOROMETHANE	ND	5.000	UG/L		VOMSBA0322
BROMOFORM	ND	2.000	UG/L		VOGCHAN201
BROMOFORM	ND	5.000	UG/L		VOMSBA0322
BROMOMETHANE	ND	5.000	UG/L		VOGCHAN201
BROMOMETHANE	ND	10.000	UG/L		VOMSBA0322
CARBON TETRACHLORIDE	ND	0.800	UG/L		VOGCHAN201
CARBON TETRACHLORIDE	ND	5.000	UG/L		VOMSBA0322
CHLOROBENZENE	ND	0.800	UG/L		VOGCHAN201
CHLOROBENZENE	ND	0.500	UG/L		VOGCPAN101
CHLOROBENZENE	ND	5.000	UG/L		VOMSBA0322
CHLOROETHANE	ND	1.600	UG/L		VOGCHAN201
CHLOROETHANE	ND	10.000	UG/L		VOMSBA0322
CHLOROFORM	ND	0.800	UG/L		VOGCHAN201
CHLOROFORM	ND	5.000	UG/L		VOMSBA0322
CHLOROMETHANE	ND	1.000	UG/L		VOGCHAN201
CHLOROMETHANE	ND	10.000	UG/L		VOMSBA0322
CIS-1,3-DICHLOROPROPENE	ND	1.600	UG/L		VOGCHAN201
CIS-1,3-DICHLOROPROPENE	ND	5.000	UG/L		VOMSBA0322
DIBROMOCHLOROMETHANE	ND	1.600	UG/L		VOGCHAN201

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Item	Additional Comment Explanations (NQ/DL)
VOGCHAN201	Dilution factor 2 applied.
VOMSBA0322	Dilution factor 1.43 applied.

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: MW03
Sample Type: WELL
Sample Number: AH0616

ENS: 93-11536
MP: 562934
REV: 00

Sampled: 9-APR-1993
Received: 10-APR-1993
Reported: 26-APR-1993

Analyte	Result	P Q L	Units	Comments	Method
DIBROMOCHLOROMETHANE	ND	5.720	UG/L		VOMSBAO322
DICHLORODIFLUOROMETHANE	ND	5.000	UG/L		VOGCHAN201
ETHYLBENZENE	ND	0.500	UG/L		VOGCPAN101
ETHYLBENZENE	ND	5.000	UG/L		VOMSBAO322
METHYLENE CHLORIDE	ND	2.000	UG/L		VOGCHAN201
METHYLENE CHLORIDE	ND	7.150	UG/L		VOMSBAO322
O-XYLENE	ND	10.000	UG/L		VOMSBAO322
TETRACHLOROETHENE	61.	0.800	UG/L		VOGCHAN201
TETRACHLOROETHENE	50.	5.000	UG/L		VOMSBAO322
TOLUENE	ND	0.500	UG/L		VOGCPAN101
TOLUENE	ND	5.000	UG/L		VOMSBAO322
TRANS-1,2-DICHLOROETHENE	ND	0.500	UG/L		VOGCHAN201
TRANS-1,2-DICHLOROETHENE	ND	10.000	UG/L		VOMSBAO322
TRANS-1,3-DICHLOROPROPENE	ND	1.000	UG/L		VOGCHAN201
TRANS-1,3-DICHLOROPROPENE	ND	5.000	UG/L		VOMSBAO322
TRICHLOROETHENE	64.	1.000	UG/L		VOGCHAN201
TRICHLOROETHENE	71.	5.000	UG/L		VOMSBAO322
TRICHLOROFLUOROMETHANE	ND	2.000	UG/L		VOGCHAN201
TRICHLOROFLUOROMETHANE	ND	10.000	UG/L		VOMSBAO322
VINYL CHLORIDE	ND	1.600	UG/L		VOGCHAN201
VINYL CHLORIDE	ND	10.000	UG/L		VOMSBAO322

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

WMI ENVIRONMENTAL MONITORING LABORATORIES, INC

CLIENT REPORT

Site: 562 - O.S.C.O
Treatment Facility
107 S. Motor Ave.
Azusa CA 91702

Sample Point: TBK-MW03
Sample Type: WELL
Sample Number: AH0616

ENS: 93-11536
MP: 562934
REV: 00

Sampled: 9-APR-1993
Received: 10-APR-1993
Reported: 26-APR-1993

Analyte	Result	P Q L	Units	Comments	Method
VOLATILE ORGANICS:					
(M and P)-XYLENE	ND	10.000	UG/L		VOMSBA0322
1,1,1-TRICHLOROETHANE	ND	5.000	UG/L		VOMSBA0322
1,1,2,2-TETRACHLOROETHANE	ND	5.000	UG/L		VOMSBA0322
1,1,2-TRICHLOROETHANE	ND	5.000	UG/L		VOMSBA0322
1,1-DICHLOROETHANE	ND	5.000	UG/L		VOMSBA0322
1,1-DICHLOROETHENE	ND	5.000	UG/L		VOMSBA0322
1,2-DICHLOROBENZENE	ND	10.000	UG/L		VOMSBA0322
1,2-DICHLOROETHANE	ND	5.000	UG/L		VOMSBA0322
1,2-DICHLOROPROPANE	ND	5.000	UG/L		VOMSBA0322
1,3-DICHLOROBENZENE	ND	10.000	UG/L		VOMSBA0322
1,4-DICHLOROBENZENE	ND	10.000	UG/L		VOMSBA0322
2-BUTANONE	ND	10.000	UG/L		VOMSBA0322
2-CHLOROETHYLVINYL ETHER	ND	20.000	UG/L	ST	VOMSBA0322
4-METHYL-2-PENTANONE	ND	10.000	UG/L		VOMSBA0322
ACETONE	ND	34.000	UG/L		VOMSBA0322
BENZENE	ND	5.000	UG/L		VOMSBA0322
BROMODICHLOROMETHANE	ND	5.000	UG/L		VOMSBA0322
BROMOFORM	ND	5.000	UG/L		VOMSBA0322
BROMOMETHANE	ND	10.000	UG/L		VOMSBA0322
CARBON TETRACHLORIDE	ND	5.000	UG/L		VOMSBA0322
CHLOROBENZENE	ND	5.000	UG/L		VOMSBA0322
CHLOROETHANE	ND	10.000	UG/L		VOMSBA0322
CHLOROFORM	ND	5.000	UG/L		VOMSBA0322
CHLOROMETHANE	ND	10.000	UG/L		VOMSBA0322
CIS-1,3-DICHLOROPROPENE	ND	5.000	UG/L		VOMSBA0322
DIBROMOCHLOROMETHANE	ND	5.000	UG/L		VOMSBA0322
ETHYLBENZENE	ND	5.000	UG/L		VOMSBA0322
METHYLENE CHLORIDE	ND	5.000	UG/L		VOMSBA0322
O-XYLENE	ND	10.000	UG/L		VOMSBA0322
TETRACHLOROETHENE	ND	5.000	UG/L		VOMSBA0322
TOLUENE	ND	5.000	UG/L		VOMSBA0322
TRANS-1,2-DICHLOROETHENE	ND	10.000	UG/L		VOMSBA0322
TRANS-1,3-DICHLOROPROPENE	ND	5.000	UG/L		VOMSBA0322
TRICHLOROETHENE	ND	5.000	UG/L		VOMSBA0322
TRICHLOROFLUOROMETHANE	ND	10.000	UG/L		VOMSBA0322
VINYL CHLORIDE	ND	10.000	UG/L		VOMSBA0322

NA = Not Analyzed ND = Not Detected TBK = Trip Blank

Subcontract To:

WMI Environmental Monitoring Laboratories, Inc.

FIELD CHAIN-OF-CUSTODY RECORD

AquaPak™ PREP
AquaPak™ # 2035
Date Sealed 9 3 0 4 0 2 (YY / MM / DD)
Seal # 43770
By:

SITE/FACILITY # 692 SITE NAME: O.S.C.O

Sample Point: WMW03 (Source Code)

SAMPLE DATE: 9 3 0 4 0 9 (YY / MM / DD)

SAMPLE TIME: 08:58 (2400 HR.) MATRIX CODE: W

Water (W) Leachate (C)
Soil (S) Other (X)

Source Codes:

Well (W) · Leachate System (C) · Pretreatment Facility (P) · River/Stream/Brook (R) · Soil (S) · Generation Pt. (G)
Dewatering/Pressure Relief (D) · Gas Condensate (M) · Influent (U) · Lake or Ocean (L) · Bottom Sediment (B) · Other (X)
Surface Water Impoundment (I) · Air (A) · Effluent (T) · Outfall (O) · Noise (N) · Specify

ENS # 93-11536

AquaPak™ CONTENT

SAMPLE I.D.	# OF BOTTLES	BOTTLE TYPE	PRESERVATIVE TYPE	ANALYTES/LAB GROUPS	FILTER Y—N	FIELD COMMENTS	E.M.L. COMMENTS
AH0616-A	04	G	HCL/COOL 4	DEG C VO	Y N		
AH0616-B	04	G	HCL/COOL 4	DEG C VO	Y N		
AH0616-C	04	G	NONE/COOL	4 DEG C VO	Y N		
~~AH0616-D~~	~~01~~	~~G~~	~~HCL/COOL 4~~	~~DEG C VO~~	~~Y N~~		~~TBK~~ Cancel
AH0616-E	01	G	HCL/COOL 4	DEG C VO	Y N		TBK
~~AH0616-F~~	~~01~~	~~G~~	~~NONE/COOL~~	~~4 DEG C VO~~	~~Y N~~		~~TBK~~ Cancel
					Y N		
					Y N		4/2/9
					Y N		
					Y N		
					Y N		C3 not Rec'd
					Y N		canceled.
					Y N		TB<6mm
					Y N		4-10-93
					Y N		JRK
					Y N		
					Y N		

CHAIN OF CUSTODY CHRONICLE

1. AquaPak™ Opened By: (print) TERRY McPHETRIDGE Date: 4/5/93 Time: 9:45 (2400 HR.)
Signature: Terry McP Seal #: 43770 Intact: YES

I have received these materials in good condition from the above person.

2. Name: Signature:
Date: / / Time: : (2400 HR.) Remarks:

I have received these materials in good condition from the above person.

3. Name: Signature:
Date: / / Time: : (2400 HR.) Remarks:

4. AquaPak™/Sub Contr. # 2035 Sealed By: TERRY McPHETRIDGE (Print) Date: 04/09/93 Time: 17:00 (2400 HR.)
Signature: Terry McP Seal #: 49488 Intact: YES

LAB USE ONLY
Opened By: (Signature) Date: 4/10/93 Time: 11:32 (2400 HR.)

WMI Environmental Monitoring Laboratories, Inc.

Site # 562

Bottle Set: AH0616

FIELD INFORMATION FORM

Sample Point: WMW03 (Source Code)

PURGING INFORMATION

PURGE DATE (YY MM DD)	START PURGE (2400 Hr Clock)	ELAPSED HRS	WATER VOL. IN CASING (Gallons)	ACTUAL VOLUME PURGED (Gallons)
930409	0811	04	81.9	255.0 TEM 4/9/93

PURGING AND SAMPLING EQUIPMENT

Purging Equipment ..... Dedicated (Y) | N | (Circle one) Sampling Equipment ..... Dedicated (Y) | N | (Circle one)

Purging Device	A	A-Submersible Pump	D-Gas Lift Pump	G-Bailer	X- PURGING OTHER (SPECIFY)
Sampling Device	C	B-Peristaltic Pump	E-Venturi Pump	H-Scoop/Shovel	X- SAMPLING OTHER (SPECIFY)
		C-Bladder Pump	F-Dipper/Bottle	I-Piston Pump	
Purging Material	A+B	A-Teflon	C-Polypropylene	E-Polyethylene	X- PURGING OTHER (SPECIFY)
Sampling Material	A+B	B-Stainless Steel	D-PVC		X- SAMPLING OTHER (SPECIFY)
Tubing-Purging	X	A-Teflon	D-Polypropylene	F-Silicon	X- STAINLESS STEEL TUBE GALVANIZED PURGING OTHER (SPECIFY)
Tubing-Sampling	A	B-Tygon	E-Polyethylene	G-Combination teflon/ Polypropylene	X- SAMPLING OTHER (SPECIFY)
		C-Rope X- (SPECIFY)			
Filtering Devices 0.45 μ:		A-In-line Disposable	B-Pressure	C-Vacuum	

FIELD MEASUREMENTS

Well Elevation	*	518.93 (ft/msl)	Land Surface Elevation		(ft/msl)
Depth to water From top of well casing	**	239.13 (ft)	Depth to water From land surface		(ft)
Groundwater Elevation	**	279.80 (ft/msl)	Groundwater Elevation		(ft/msl)
Well Depth	*	319.50 (ft)	Stickup		(ft)

1st	6.99 ph (STD)	1st	653 spec. cond. μm/cm at 25° C	Sample Temp.	17.7 (° C)
2nd	ph (STD)	2nd	spec. cond. μm/cm at 25° C	WELL DIAM (other parameter)	5.0 value / in units
3rd	ph (STD)	3rd	spec. cond. μm/cm at 25° C	(other parameter)	value / units
4th	ph (STD)	4th	spec cond. μm/cm at 25° C	(other parameter)	value / units

FIELD COMMENTS

Sample Appearance: _____ (if applicable) Odor: NONE Color: NO COLOR Turbidity: NONE

Weather Conditions: Wind Speed 3 MPH Direction EAST Precipitation Y (N) Outlook SUNNY

Specific Comments: * INFORMATION OBTAINED FROM WELL ID CHART (1993). ** DEPTH TO WATER ESTIMATED ONLY FROM 4/8/93 WATER LEVEL READINGS FROM FOUR OTHER WELLS. INTERPOLATION OF GROUNDWATER CONTOURS TO PRODUCE ESTIMATE. WELL ACCESS GOOD; CONCRETE FOOTING CRACKED AROUND METAL TUBE. PLACE WELL IS LOCATED ON PECKHAM ROAD. 319.50 - 239.13 = 80.37 x 1.02 = 81.9774 x 3 = 245.93 GALLONS. GOOD RECHARGE RATE; 3 WELL VOLUMES OBTAINED AT 8:35

I certify that sampling procedures were in accordance with applicable EPA, State and WMI protocols.

4/9/93 (Date) M S P (Signature) Employer: RUST E & I