Converse Consultants Transmittal

Consulting Engineering
and Applied Sciences
731 Pilot Road, Suite H
Las Vegas, Nevada 89119-4429
Telephone: (702) 269-8336 / 263-7600
Facsimile: (702) 269-8353

Date

July 23, 2001

Project

00-43367-01 & 00-43329-01

To

Nevada Division of Environmental Protection
Bureau of Corrective Actions
555 E. Washington Avenue, Suite 4300
Las Vegas, NV 89101-1049

Attention

Mr. David Lloyd

RECEIVED
JUL 25 2001

We are sending you the following

Reports

- [x] Enclosed
- [ ] Separately

- [x] Regular Mail
- [ ] Special Delivery
- [ ] Air Mail
- [ ] Express Mail
- [ ] Carrier
- [ ] Hand Deliver

Quantity	Description
2	Reports – Maryland Square Shopping Center

Remarks

Enclosed are copies of previously completed reports for Maryland Square Shopping Center per your request. Please call if you have any questions.

Copies To:

Mr. Irwin Kishner (transmittal only)
The Herman Kishner Trust
294 Convention Center Drive
Las Vegas, NV 89109-2068

Sent By

Andrea Moericke
Project Manager

Case File

August 22, 2000

Converse Consultants

Over 50 Years of Dedication in Geotechnical Engineering and Environmental Sciences

JUL 25 2001

LIMITED ASBESTOS SURVEY
LIMITED LEAD-BASED PAINT SURVEY
AND LIMITED PHASE II
SUBSURFACE ASSESSMENT

MARYLAND SQAURE SHOPPING CENTER
3661 SOUTH MARYLAND PARKWAY
LAS VEGAS, NEVADA

Prepared for:

Environmental Services Section
Clark County School District
1700 Galleria Drive, Building C
Henderson, NV 89014

Converse Project No. 00-43329-01

August 22, 2000

33/85BS

731 Pilot Road, Suite H, Las Vegas, Nevada 89119-4429
Telephone: (702) 269-8336 ♦ Facsimile: (702) 269-8353 ♦ e-mail: converse@convrs.com

Printed on Recycled Paper

Converse Consultants
Over 50 Years of Dedication in Geotechnical Engineering and Environmental Sciences

August 22, 2000 00-43329-01

Ms. Jan Villaire
Clark County School District
Environmental Services Section
1700 Galleria Drive, Building C
Henderson, NV 89014

Subject: **Various Environmental Services**
Limited Asbestos Survey
Limited Lead-Based Paint Survey
Limited Phase II Subsurface Assessment
Maryland Square Shopping Center
3661 South Maryland Parkway
Las Vegas, Nevada

Dear Ms. Villaire:

In accordance with your request, we are pleased to submit the results of limited environmental services conducted at Maryland Square Shopping Center located in Las Vegas, Nevada. Our services were performed in accordance with our proposal dated July 25, 2000.

The asbestos and lead-based paint surveys consisted of a visual survey, bulk sample collection, laboratory analysis, and the preparation of this report. The limited groundwater assessment consisted of the installation of one monitoring well, sampling of the groundwater from the well, laboratory analysis, and the preparation of this report.

If you have any questions concerning information contained in this report, please contact us at your convenience.

Respectfully submitted,

CONVERSE CONSULTANTS

Kurt Goebel, CEM
Senior Geologist
Environmental Division Manager

KAG:sc

33/85BS

731 Pilot Road, Suite H, Las Vegas, Nevada 89119-4429
Telephone: (702) 269-8336 ♦ Facsimile: (702) 269-8353 ♦ e-mail: converse@convrs.com

Printed on Recycled Paper

Sections

Section 1.0	Limited Asbestos Survey
Section 2.0	Limited Lead-Based Paint Survey
Section 3.0	Limited Subsurface Exploration

Section 1

Limited Phase II Subsurface Assessment

Contents

		Page
1.0	Introduction	1
2.0	Purpose and Scope of Work	1
3.0	Field Investigation	1
3.1	Drilling and Groundwater Well Installation	1
3.2	Groundwater Sample Results	2
4.0	Conclusions and Recommendations	2
5.0	Closure and Limitations	3
6.0	Certified Environmental Manager (CEM) Statement	4

Drawing No. 1 – Vicinity Map
Drawing No. 2 – Site Plan

Appendix A – Laboratory Reports

1.0 Introduction

On August 9, 2000, Converse conducted a Limited Phase II Subsurface Investigation at the Maryland Square Shopping Center on the northwest corner of Maryland Parkway and Twain Avenue in Las Vegas, Nevada. Our services were performed accordance with our proposal dated July 25, 2000.

2.0 Purpose and Scope of Work

The purpose of our work was to determine whether there is perchlorethylene (PCE) contamination in the shallow groundwater at one selected boring location. The boring was installed adjacent (downgradient) to the Al Phillips the Cleaner facility.

3.0 Field Investigation

3.1 Drilling and Groundwater Well Installation

On August 9, 2000, the subsurface soil conditions were explored by drilling one (1) soil boring and converting it into a monitoring well. Boring MW-1 was located along the eastern property boundary between Maryland Parkway and the dry cleaning facility Drilling was accomplished with a truck-mounted air rotary drill rig. Boring MW-1 was drilled to an approximate depth of 30 feet below ground surface (bgs). During drilling activities, no odors, that could be associated with contamination, were encountered.

A groundwater well was constructed in the boring by installing 2-inch diameter PVC slotted screen from the bottom of the soil boring to 10 feet bgs, with blank PVC from the slotted terminus to the surface. Silica sand was used to infill the space between the screened piping and the borehole, and was extended from the maximum depth to 5 feet above the screen terminus. A 2-foot bentonite seal was placed above the sand. The wells were finished by infilling with neat cement. A

seven-inch diameter manhole, equipped with a metal cover, was installed on the well flush with the surrounding pavement. A lockable well cap was also installed on the well.

3.2 Groundwater Sample Results

On August 11, 2000, the well was developed by pumping several well volumes of water out of the well to remove sediment and allow flow of representative formation groundwater into the well. On August 14, 2000, a minimum of 3 well volumes of water were purged from the well to allow sampling of representative groundwater. The groundwater samples were collected in sterilized 40-ml glass vials, capped with teflon-lined lids, labeled, and placed in an insulated container where they were maintained at approximately 4°C.

The groundwater samples were submitted to NEL Laboratories, Inc. of Las Vegas, Nevada in accordance with EPA protocol under chain-of-custody. The samples were analyzed using EPA Method 8260 for volatile organic compounds (VOCs) including PCE. Table 1 presents the results of the analyses.

Table 1: Groundwater Sample Analysis

Well No.	Depth to Groundwater	PCE
MW-1	17.54	2300

Depth to groundwater reported in feet.

Contaminants reported as micrograms per liter (ug/L) or parts per billion (ppb)

A copy of the laboratory report is included as Appendix A.

4.0 Conclusions and Recommendations

The USEPA has established maximum contaminant levels (MCLs) for certain compounds in drinking water. Currently the MCL for PCE in drinking water is 5 ug/L or ppb. The sample collected from the monitoring well at the property had a PCE level that exceeds the MCL.

Converse recommends that the release of PCE into the subsurface be reported to Nevada Division of Environmental Protection (NDEP). According to Chapter 445 of the Nevada Administrative Code (NAC), the action level for groundwater is a level equal to the MCL for that substance in drinking water (5 ppb). Converse also recommends that the PCE plume should be delineated to determine if the plume has migrated off-site.

5.0 Closure and Limitations

Conclusions in this report are based on the sampling and testing completed for the specified time period it was collected. Sampling locations are intended to confirm the presence or absence of target contaminants at selected locations. Contaminant levels observed may not be the highest levels present at the site. It is not the intent of this scope to detect other contaminants than those analyzed. Therefore, no conclusions may be drawn on the presence or absence of other contaminants. Observed contaminants may change with relation to time, on-site activities, and adjacent site activities.

This report is for the use of the Clark County School District as it applies to the subject site located on the northwest corner of Maryland Parkway and Twain Avenue in Las Vegas, Nevada. Its preparation has been is accordance with generally accepted practices in geotechnical engineering, environmental and engineering geology, and hydrogeology. No other warranty, either expressed or implied is made.

6.0 Certified Environmental Manager (CEM) Statement

For the services provided and described in this document, the following language is from NAC 459.

> *I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, state, and local statutes, regulations, and ordinances.*

Thank you for the opportunity to be of continued service. If you have any questions concerning this report, please do not hesitate to call.

Respectfully submitted,

CONVERSE CONSULTANTS

Andrea Moericke

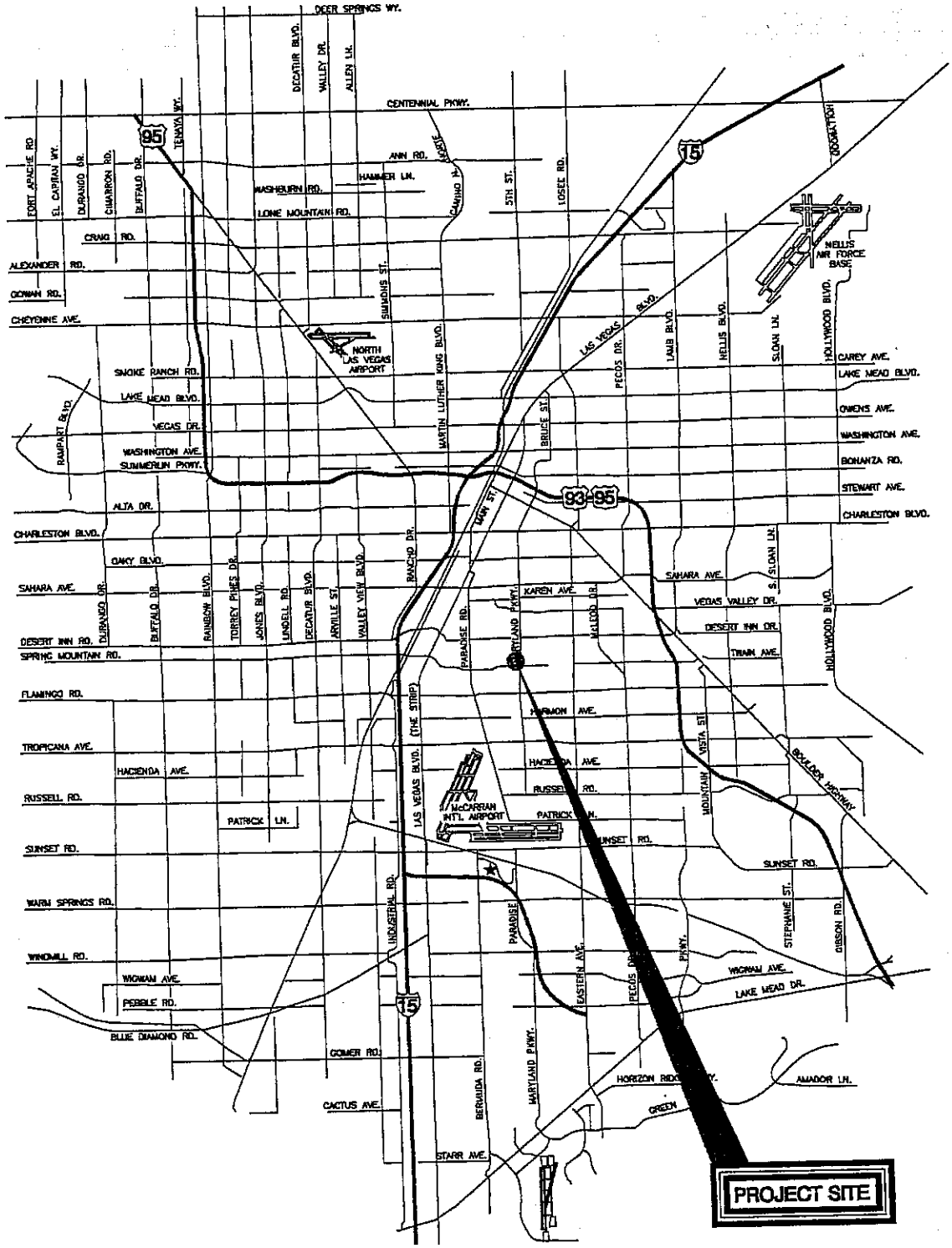
Andrea Moericke
Project Manager

Reviewed and approved

Kurt A. Goebel, CEM, PG
Senior Geologist
Environmental Division Manager
Nevada CEM 1231 (01/04/01)

KAG:ALM:sc
33/85BS

Encl: Drawing Nos. 1 and 2
Appendix A



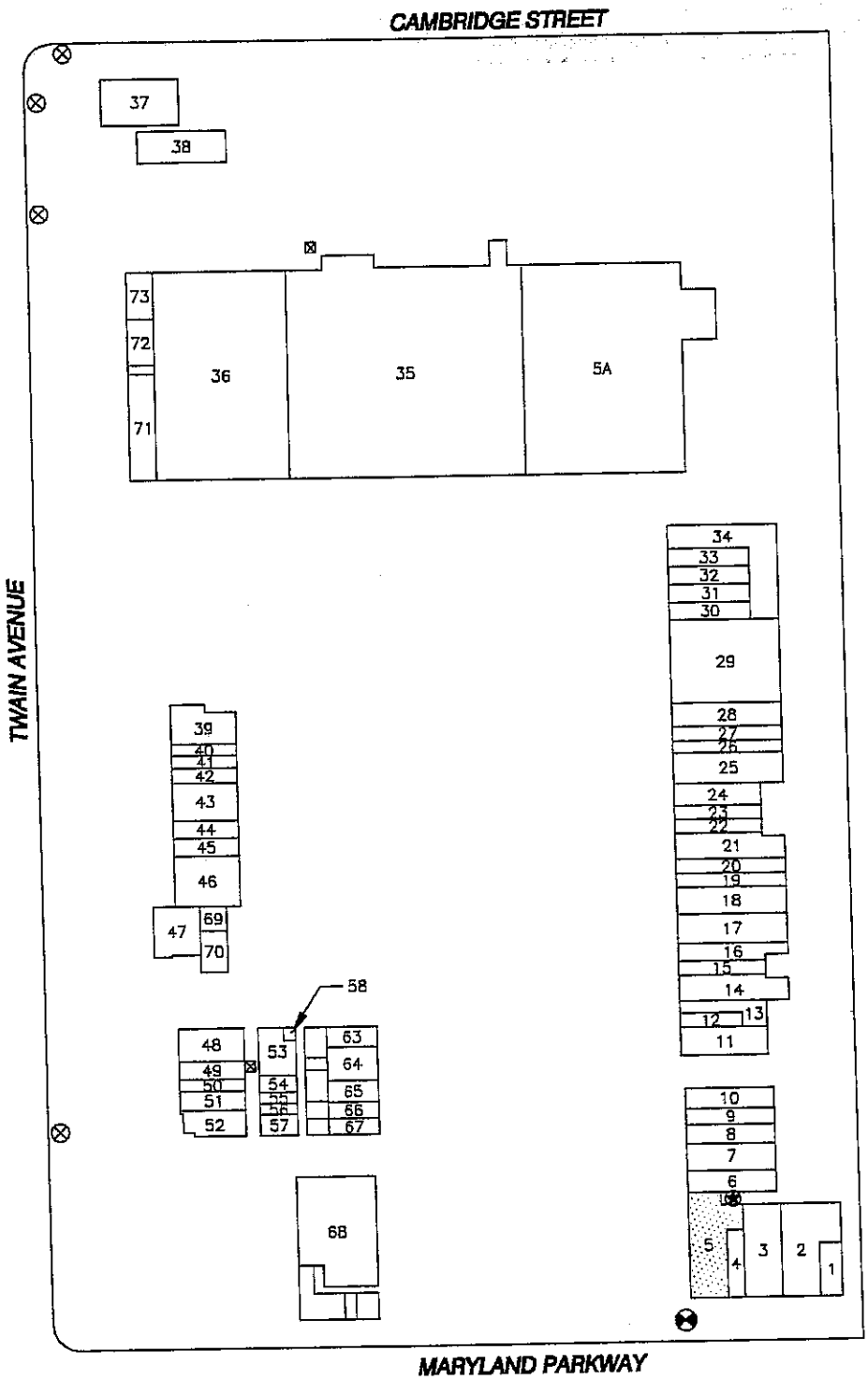
LAS VEGAS VICINITY

MARYLAND SQUARE SHOPPING CENTER
3661 South Maryland Parkway
Las Vegas, Nevada

Scale	N.T.S.
Date	8/22/00
Drafted By	GLE
Checked By	ALM
Approved By	ALM
File No.	
Project No.	00-43329-01
Drawing No.	1

CONVERSE CONSULTANTS

Over 50 Years of Dedication in Engineering and Environmental Sciences



EXPLANATION

- MONITORING WELL
- DRY CLEANING FACILITY
- WATER COOKER
- PAD MOUNTED TRANSFORMER
- POLE MOUNTED TRANSFORMER

SITE PLAN

MARYLAND SQUARE SHOPPING CENTER
3661 South Maryland Parkway
Las Vegas, Nevada

Scale	N.T.S.	File No.	32901002
Date	8/22/00	Project No.	00-43329-01
Drafted By	GLE	Drawing No.	2
Checked By	ALM		
Approved By	am		

CONVERSE CONSULTANTS

Over 50 Years of Dedication in Engineering and Environmental Sciences

Appendix A

NEL LABORATORIES
Reno • Las Vegas • Boise
Phoenix • Sacramento

Las Vegas Division
4208 Arcata Way, Suite A • Las Vegas, NV 89030
(702) 657-1010 • Fax: (702) 657-1577
1-888-368-3282

CLIENT: Converse Consultants
731 Pilot Road, Suite H
Las Vegas, NV 89119

ATTN: Andrea Moericke

NEL ORDER ID: L0008153

PROJECT NAME: 00-43329-01
PROJECT NUMBER: NA

Attached are the analytical results for samples in support of the above referenced project.

Samples submitted for this project were not sampled by NEL Laboratories. Samples were received by NEL in good condition, under chain of custody on 8/14/00.

Should you have any questions or comments, please feel free to contact our Client Services department at (702) 657-1010.

Some results have been flagged as follows:

Di - Results reported from analysis at a higher dilution.

Stan Van Wagenen
Laboratory Manager

8/16/00
Date

CERTIFICATIONS:

	Reno	Las Vegas	S. California
Arizona	AZ0520	AZ0518	AZ0605
California	1707	2002	2264
US Army Corps of Engineers	Certified	Certified	
Idaho	Certified	Certified	
Montana	Certified	Certified	
Nevada	NV033	NV052	CA084
L.A.C.S.D.			10228

NEL LABORATORIES

CLIENT: Converse Consultants
PROJECT ID: 00-43329-01
PROJECT #: NA
TEST: **Volatile Organic Compounds by EPA 8260B, December 1996**
METHOD: EPA 8260
MATRIX: Aqueous
DILUTION: 1

CLIENT ID: MW-1
DATE SAMPLED: 8/14/00
NEL SAMPLE ID: L0008153-01
EXTRACTED: 8/15/00
ANALYZED: 8/15/00
ANALYST: BJV - Las Vegas Division

PARAMETER	Result µg/L	Reporting Limit
Acetone	ND	25. µg/L
Benzene	ND	5. µg/L
Bromobenzene	ND	5. µg/L
Bromochloromethane	ND	5. µg/L
Bromodichloromethane	ND	5. µg/L
Bromoform	ND	5. µg/L
Bromomethane	ND	5. µg/L
2-Butanone	ND	25. µg/L
n-Butylbenzene	ND	5. µg/L
sec-Butylbenzene	ND	5. µg/L
tert-Butylbenzene	ND	5. µg/L
Carbon disulfide	ND	5. µg/L
Carbon tetrachloride	ND	5. µg/L
Chlorobenzene	ND	5. µg/L
Chloroethane	ND	5. µg/L
Chloroform	ND	5. µg/L
Chloromethane	ND	5. µg/L
2-Chlorotoluene	ND	5. µg/L
4-Chlorotoluene	ND	5. µg/L
Dibromochloromethane	ND	5. µg/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	10. µg/L
1,2-Dibromoethane (EDB)	ND	5. µg/L
Dibromomethane	ND	5. µg/L
1,2-Dichlorobenzene (o-DCB)	ND	5. µg/L
1,3-Dichlorobenzene (m-DCB)	ND	5. µg/L
1,4-Dichlorobenzene (p-DCB)	ND	5. µg/L
Dichlorodifluoromethane (Freon 12)	ND	5. µg/L
1,1-Dichloroethane (1,1-DCA)	ND	5. µg/L
1,2-Dichloroethane (1,2-DCA)	ND	5. µg/L
1,1-Dichloroethene (1,1-DCE)	ND	5. µg/L
cis-1,2-Dichloroethene	ND	5. µg/L
trans-1,2-Dichloroethene	ND	5. µg/L
1,2-Dichloropropane	ND	5. µg/L
1,3-Dichloropropane	ND	5. µg/L
2,2-Dichloropropane	ND	10. µg/L

PARAMETER	Result µg/L		Reporting Limit
1,1-Dichloropropene	ND		5. µg/L
cis-1,3-Dichloropropene	ND		5. µg/L
trans-1,3-Dichloropropene	ND		5. µg/L
Ethylbenzene	ND		5. µg/L
Hexachlorobutadiene	ND		5. µg/L
2-Hexanone	ND		25. µg/L
Iodomethane	ND		5. µg/L
Isopropylbenzene	ND		5. µg/L
p-Isopropyltoluene	ND		5. µg/L
Methylene chloride (Dichloromethane)	ND		5. µg/L
4-Methyl-2-pentanone	ND		25. µg/L
MTBE	ND		5. µg/L
Naphthalene	ND		10. µg/L
n-Propylbenzene	ND		5. µg/L
Styrene	ND		5. µg/L
1,1,1,2-Tetrachloroethane	ND		5. µg/L
1,1,2,2-Tetrachloroethane	ND		5. µg/L
Tetrachloroethene (PCE)	2300	Di	125. µg/L
Toluene	ND		5. µg/L
1,2,3-Trichlorobenzene	ND		5. µg/L
1,2,4-Trichlorobenzene	ND		5. µg/L
1,1,1-Trichloroethane (1,1,1-TCA)	ND		5. µg/L
1,1,2-Trichloroethane (1,1,2-TCA)	ND		5. µg/L
Trichloroethene (TCE)	ND		5. µg/L
Trichlorofluoromethane (Freon 11)	ND		10. µg/L
1,2,3-Trichloropropane	ND		5. µg/L
1,2,4-Trimethylbenzene	ND		5. µg/L
1,3,5-Trimethylbenzene	ND		5. µg/L
Vinyl chloride	ND		5. µg/L
o-Xylene	ND		5. µg/L
m,p-Xylene	ND		10. µg/L

QUALITY CONTROL DATA:

Surrogate	% Recovery	Acceptable Range
4-Bromofluorobenzene	105	83 - 112
Dibromofluoromethane	107	84 - 109
Toluene-d8	108	88 - 113

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: Converse Consultants
PROJECT ID: 00-43329-01
PROJECT #: NA
TEST: **Volatile Organic Compounds by EPA 8260B, December 1996**
METHOD: EPA 8260
MATRIX: Aqueous

CLIENT ID: **Method Blank**
DATE SAMPLED: NA
NEL SAMPLE ID: 000815AQ60_1B-BLK
ANALYST: BJV - Las Vegas Division
EXTRACTED: 8/15/00
ANALYZED: 8/15/00

PARAMETER	Result µg/L	Reporting Limit
Acetone	ND	25 µg/L
Benzene	ND	5 µg/L
Bromobenzene	ND	5 µg/L
Bromochloromethane	ND	5 µg/L
Bromodichloromethane	ND	5 µg/L
Bromoform	ND	5 µg/L
Bromomethane	ND	5 µg/L
2-Butanone	ND	25 µg/L
n-Butylbenzene	ND	5 µg/L
sec-Butylbenzene	ND	5 µg/L
tert-Butylbenzene	ND	5 µg/L
Carbon disulfide	ND	5 µg/L
Carbon tetrachloride	ND	5 µg/L
Chlorobenzene	ND	5 µg/L
Chloroethane	ND	5 µg/L
Chloroform	ND	5 µg/L
Chloromethane	ND	5 µg/L
2-Chlorotoluene	ND	5 µg/L
4-Chlorotoluene	ND	5 µg/L
Dibromochloromethane	ND	5 µg/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	10 µg/L
1,2-Dibromoethane (EDB)	ND	5 µg/L
Dibromomethane	ND	5 µg/L
1,2-Dichlorobenzene (o-DCB)	ND	5 µg/L
1,3-Dichlorobenzene (m-DCB)	ND	5 µg/L
1,4-Dichlorobenzene (p-DCB)	ND	5 µg/L
Dichlorodifluoromethane (Freon 12)	ND	5 µg/L
1,1-Dichloroethane (1,1-DCA)	ND	5 µg/L
1,2-Dichloroethane (1,2-DCA)	ND	5 µg/L
1,1-Dichloroethene (1,1-DCE)	ND	5 µg/L
cis-1,2-Dichloroethene	ND	5 µg/L
trans-1,2-Dichloroethene	ND	5 µg/L
1,2-Dichloropropane	ND	5 µg/L
1,3-Dichloropropane	ND	5 µg/L
2,2-Dichloropropane	ND	10 µg/L

PARAMETER	Result µg/L	Reporting Limit
1,1-Dichloropropene	ND	5 µg/L
cis-1,3-Dichloropropene	ND	5 µg/L
trans-1,3-Dichloropropene	ND	5 µg/L
Ethylbenzene	ND	5 µg/L
Hexachlorobutadiene	ND	5 µg/L
2-Hexanone	ND	25 µg/L
Iodomethane	ND	5 µg/L
Isopropylbenzene	ND	5 µg/L
p-Isopropyltoluene	ND	5 µg/L
Methylene chloride (Dichloromethane)	ND	5 µg/L
4-Methyl-2-pentanone	ND	25 µg/L
MTBE	ND	5 µg/L
Naphthalene	ND	10 µg/L
n-Propylbenzene	ND	5 µg/L
Styrene	ND	5 µg/L
1,1,1,2-Tetrachloroethane	ND	5 µg/L
1,1,2,2-Tetrachloroethane	ND	5 µg/L
Tetrachloroethene (PCE)	ND	5 µg/L
Toluene	ND	5 µg/L
1,2,3-Trichlorobenzene	ND	5 µg/L
1,2,4-Trichlorobenzene	ND	5 µg/L
1,1,1-Trichloroethane (1,1,1-TCA)	ND	5 µg/L
1,1,2-Trichloroethane (1,1,2-TCA)	ND	5 µg/L
Trichloroethene (TCE)	ND	5 µg/L
Trichlorofluoromethane (Freon 11)	ND	10 µg/L
1,2,3-Trichloropropane	ND	5 µg/L
1,2,4-Trimethylbenzene	ND	5 µg/L
1,3,5-Trimethylbenzene	ND	5 µg/L
Vinyl chloride	ND	5 µg/L
o-Xylene	ND	5 µg/L
m,p-Xylene	ND	10 µg/L

QUALITY CONTROL DATA:

Surrogate	% Recovery	Acceptable Range
4-Bromofluorobenzene	107	83 - 112
Dibromofluoromethane	105	84 - 109
Toluene-d8	107	88 - 113

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

CEC

20008153

8/15

CONVERSE CONSULTANTS
731 Pilot Road, Suite H
Las Vegas, Nevada 89119
(702) 269-8336 • Fax (702) 269-8353

CHAIN OF CUSTODY FORM

Client Name/Address: ALPHILLIPS / MAYLAND & TWAIN 3661 S. MARYLAND

Project/PO Number: 00-43329-01

Project Manager: ANDREA MUENICKE

Phone Number: (702) 269-8336

Fax Number: 269-8353

Sampler: M. STAHY

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	Analysis Required: VOCs 8260	Special Instructions
MW-1	WATER	VOAs	3	8/14/00 13:20	ICE/HCl	X	24 HR TAT

Custody Seal Intact: Y N None Temp: 13°C

Condition when received: Poor Good

Relinquished By	Date/Time	Received By	Date/Time
Mark Stahy	8/14/00 1530	W. Bolick	8/14/00 1530
W. Bolick	8-14-00 1640	L. Wood	8/14/00 1640

Turnaround Time: (Check)
- ☐ Same day
- ☒ 24 hours
- ☐ 48 hours
- ☐ 72 hours
- ☐ 5 days
- ☐ Normal

Sample Integrity: (Check)
- ☐ Intact
- ☐ On ice

Note: By relinquishing samples to Converse Consultants, client agrees to pay for the services requested on this chain of custody form and any additional analysis performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

NEL LABORATORIES
Reno • Las Vegas • Boise
Phoenix • Sacramento

Las Vegas Division
4208 Arcata Way, Suite A • Las Vegas, NV 89030
(702) 657-1010 • Fax: (702) 657-1577
1-888-368-3282

CLIENT: Converse Consultants
731 Pilot Road, Suite H
Las Vegas, NV 89119

ATTN: Andrea Moericke

NEL ORDER ID: L0008112

PROJECT NAME: Maryland Square
PROJECT NUMBER: 00-43329-01

Attached are the analytical results for samples in support of the above referenced project.

Samples submitted for this project were not sampled by NEL Laboratories. Samples were received by NEL in good condition, under chain of custody on 8/9/00.

Should you have any questions or comments, please feel free to contact our Client Services department at (702) 657-1010.

Stan Van Wagenen
Laboratory Manager

8/16/00
Date

CERTIFICATIONS:

	Reno	Las Vegas	S. California
Arizona	AZ0520	AZ0518	AZ0605
California	1707	2002	2264
US Army Corps of Engineers	Certified	Certified	

	Reno	Las Vegas	S. California
Idaho	Certified	Certified	
Montana	Certified	Certified	
Nevada	NV033	NV052	CA084
L.A.C.S.D.			10228

NEL LABORATORIES

CLIENT:	Converse Consultants	CLIENT ID:	Soil Cuttings
PROJECT ID:	Maryland Square	DATE SAMPLED:	8/9/00
PROJECT #:	00-43329-01	NEL SAMPLE ID:	L0008112-01
TEST:	**Volatile Organic Compounds by EPA 8260B, December 1996**		
METHOD:	EPA 8260B	EXTRACTED:	8/11/00
MATRIX:	Solid	ANALYZED:	8/11/00
DILUTION:	1	ANALYST:	BJV - Las Vegas Division

PARAMETER	Result µg/kg	Reporting Limit	PARAMETER	Result µg/kg	Reporting Limit
Acetone	ND	25. µg/kg	1,1-Dichloropropene	ND	5. µg/kg
Benzene	ND	5. µg/kg	cis-1,3-Dichloropropene	ND	5. µg/kg
Bromobenzene	ND	5. µg/kg	trans-1,3-Dichloropropene	ND	5. µg/kg
Bromochloromethane	ND	5. µg/kg	Ethylbenzene	ND	5. µg/kg
Bromodichloromethane	ND	5. µg/kg	Hexachlorobutadiene	ND	5. µg/kg
Bromoform	ND	5. µg/kg	2-Hexanone	ND	25. µg/kg
Bromomethane	ND	5. µg/kg	Iodomethane	ND	5. µg/kg
2-Butanone	ND	25. µg/kg	Isopropylbenzene	ND	5. µg/kg
n-Butylbenzene	ND	5. µg/kg	p-Isopropyltoluene	ND	5. µg/kg
sec-Butylbenzene	ND	5. µg/kg	Methylene chloride (Dichloromethane)	ND	5. µg/kg
tert-Butylbenzene	ND	5. µg/kg	4-Methyl-2-pentanone	ND	25. µg/kg
Carbon disulfide	ND	5. µg/kg	MTBE	ND	5. µg/kg
Carbon tetrachloride	ND	5. µg/kg	Naphthalene	ND	10. µg/kg
Chlorobenzene	ND	5. µg/kg	n-Propylbenzene	ND	5. µg/kg
Chloroethane	ND	5. µg/kg	Styrene	ND	5. µg/kg
Chloroform	ND	5. µg/kg	1,1,1,2-Tetrachloroethane	ND	5. µg/kg
Chloromethane	ND	5. µg/kg	1,1,2,2-Tetrachloroethane	ND	5. µg/kg
2-Chlorotoluene	ND	5. µg/kg	Tetrachloroethene (PCE)	16	5. µg/kg
4-Chlorotoluene	ND	5. µg/kg	Toluene	ND	5. µg/kg
Dibromochloromethane	ND	5. µg/kg	1,2,3-Trichlorobenzene	ND	5. µg/kg
1,2-Dibromo-3-chloropropane (DBCP)	ND	5. µg/kg	1,2,4-Trichlorobenzene	ND	5. µg/kg
1,2-Dibromoethane (EDB)	ND	5. µg/kg	1,1,1-Trichloroethane (1,1,1-TCA)	ND	5. µg/kg
Dibromomethane	ND	5. µg/kg	1,1,2-Trichloroethane (1,1,2-TCA)	ND	5. µg/kg
1,2-Dichlorobenzene (o-DCB)	ND	5. µg/kg	Trichloroethene (TCE)	ND	5. µg/kg
1,3-Dichlorobenzene (m-DCB)	ND	5. µg/kg	Trichlorofluoromethane (Freon 11)	ND	10. µg/kg
1,4-Dichlorobenzene (p-DCB)	ND	5. µg/kg	1,2,3-Trichloropropane	ND	5. µg/kg
Dichlorodifluoromethane (Freon 12)	ND	5. µg/kg	1,2,4-Trimethylbenzene	ND	5. µg/kg
1,1-Dichloroethane (1,1-DCA)	ND	5. µg/kg	1,3,5-Trimethylbenzene	ND	5. µg/kg
1,2-Dichloroethane (1,2-DCA)	ND	5. µg/kg	Vinyl chloride	ND	5. µg/kg
1,1-Dichloroethene (1,1-DCE)	ND	5. µg/kg	o-Xylene	ND	5. µg/kg
cis-1,2-Dichloroethene	ND	5. µg/kg	m,p-Xylene	ND	10. µg/kg
trans-1,2-Dichloroethene	ND	5. µg/kg			
1,2-Dichloropropane	ND	5. µg/kg			
1,3-Dichloropropane	ND	5. µg/kg			
2,2-Dichloropropane	ND	10. µg/kg			

QUALITY CONTROL DATA:

Surrogate	% Recovery	Acceptable Range
4-Bromofluorobenzene	103	74 - 121
Dibromofluoromethane	100	80 - 120
Toluene-d8	103	81 - 117

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

CLIENT:	Converse Consultants	CLIENT ID:	**Method Blank**
PROJECT ID:	Maryland Square	DATE SAMPLED:	NA
PROJECT #:	00-43329-01	NEL SAMPLE ID:	000811SD60_1A-BLK
TEST:	**Volatile Organic Compounds by EPA 8260B, December 1996**		
METHOD:	EPA 8260B	ANALYST:	BJV - Las Vegas Division
MATRIX:	Solid	EXTRACTED:	8/11/00
		ANALYZED:	8/11/00

PARAMETER	Result µg/kg	Reporting Limit	PARAMETER	Result µg/kg	Reporting Limit
Acetone	ND	25 µg/kg	1,1-Dichloropropene	ND	5 µg/kg
Benzene	ND	5 µg/kg	cis-1,3-Dichloropropene	ND	5 µg/kg
Bromobenzene	ND	5 µg/kg	trans-1,3-Dichloropropene	ND	5 µg/kg
Bromochloromethane	ND	5 µg/kg	Ethylbenzene	ND	5 µg/kg
Bromodichloromethane	ND	5 µg/kg	Hexachlorobutadiene	ND	5 µg/kg
Bromoform	ND	5 µg/kg	2-Hexanone	ND	25 µg/kg
Bromomethane	ND	5 µg/kg	Iodomethane	ND	5 µg/kg
2-Butanone	ND	25 µg/kg	Isopropylbenzene	ND	5 µg/kg
n-Butylbenzene	ND	5 µg/kg	p-Isopropyltoluene	ND	5 µg/kg
sec-Butylbenzene	ND	5 µg/kg	Methylene chloride (Dichloromethane)	ND	5 µg/kg
tert-Butylbenzene	ND	5 µg/kg	4-Methyl-2-pentanone	ND	25 µg/kg
Carbon disulfide	ND	5 µg/kg	MTBE	ND	5 µg/kg
Carbon tetrachloride	ND	5 µg/kg	Naphthalene	ND	10 µg/kg
Chlorobenzene	ND	5 µg/kg	n-Propylbenzene	ND	5 µg/kg
Chloroethane	ND	5 µg/kg	Styrene	ND	5 µg/kg
Chloroform	ND	5 µg/kg	1,1,1,2-Tetrachloroethane	ND	5 µg/kg
Chloromethane	ND	5 µg/kg	1,1,2,2-Tetrachloroethane	ND	5 µg/kg
2-Chlorotoluene	ND	5 µg/kg	Tetrachloroethene (PCE)	ND	5 µg/kg
4-Chlorotoluene	ND	5 µg/kg	Toluene	ND	5 µg/kg
Dibromochloromethane	ND	5 µg/kg	1,2,3-Trichlorobenzene	ND	5 µg/kg
1,2-Dibromo-3-chloropropane (DBCP)	ND	5 µg/kg	1,2,4-Trichlorobenzene	ND	5 µg/kg
1,2-Dibromoethane (EDB)	ND	5 µg/kg	1,1,1-Trichloroethane (1,1,1-TCA)	ND	5 µg/kg
Dibromomethane	ND	5 µg/kg	1,1,2-Trichloroethane (1,1,2-TCA)	ND	5 µg/kg
1,2-Dichlorobenzene (o-DCB)	ND	5 µg/kg	Trichloroethene (TCE)	ND	5 µg/kg
1,3-Dichlorobenzene (m-DCB)	ND	5 µg/kg	Trichlorofluoromethane (Freon 11)	ND	10 µg/kg
1,4-Dichlorobenzene (p-DCB)	ND	5 µg/kg	1,2,3-Trichloropropane	ND	5 µg/kg
Dichlorodifluoromethane (Freon 12)	ND	5 µg/kg	1,2,4-Trimethylbenzene	ND	5 µg/kg
1,1-Dichloroethane (1,1-DCA)	ND	5 µg/kg	1,3,5-Trimethylbenzene	ND	5 µg/kg
1,2-Dichloroethane (1,2-DCA)	ND	5 µg/kg	Vinyl chloride	ND	5 µg/kg
1,1-Dichloroethene (1,1-DCE)	ND	5 µg/kg	o-Xylene	ND	5 µg/kg
cis-1,2-Dichloroethene	ND	5 µg/kg	m,p-Xylene	ND	10 µg/kg
trans-1,2-Dichloroethene	ND	5 µg/kg			
1,2-Dichloropropane	ND	5 µg/kg			
1,3-Dichloropropane	ND	5 µg/kg			
2,2-Dichloropropane	ND	10 µg/kg			

QUALITY CONTROL DATA:

Surrogate	% Recovery	Acceptable Range
4-Bromofluorobenzene	105	74 - 121
Dibromofluoromethane	105	80 - 120
Toluene-d8	107	81 - 117

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

L0008112

8/16

CONVERSE CONSULTANTS
731 Pilot Road, Suite H
Las Vegas, Nevada 89119
(702) 269-8336 • Fax: (702) 269-8353

CHAIN OF CUSTODY FORM

Page ____ of ____

Client Name/Address: Converse Cons.

Project/PO Number: 00-43339-01 Maryland Square

Project Manager: Andria Moericke

Phone Number: 263-7600

Sampler: Andria Moericke

Fax Number: 269-8383

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	VOC (8260)	Special Instructions
Soil Cuttings	Soil	Jar	1	8/9/00 8:20	—	X	

Custody Seal Intact: Y N None Temp: 4°C
Condition when received: Poor Good

Relinquished By:	Date/Time:	Received By:	Date/Time:
Andria Moericke	8/9/00 10:28 1145	[illegible]	8-9-00 11:45
Relinquished By:	Date/Time:	Received By:	Date/Time:
[illegible]	8-9-00 1220	[illegible]	8/9/00 1220
Relinquished By:	Date/Time:	Received By:	Date/Time:

Turnaround Time: (Check)
- ☐ Same day
- ☐ 24 hours
- ☐ 48 hours
- ☐ 72 hours
- ☐ 5 days
- ☑ Normal

Sample Integrity: (Check)
- ☐ Intact
- ☐ On ice

Note: By relinquishing samples to Converse Consultants, client agrees to pay for the services requested on this chain of custody form and any additional analysis performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

Converse Consultants
Over 50 Years of Dedication in Geotechnical Engineering and Environmental Sciences

November 28, 2000

00-43367-01

Mr. Irwin Kishner
The Herman Kishner Trust
294 Convention Center Drive
Las Vegas, NV 89109-2068

JUL 25 2001

Subject: **Offsite Investigation**
Maryland Square Shopping Center
3661 South Maryland Parkway
Las Vegas, Nevada

Dear Mr. Kishner:

This letter report presents the results of the offsite investigation performed for the Maryland Square Shopping Center site located at 3661 South Maryland Parkway in Las Vegas, Nevada. The work described in this report was conducted to help determine the extent, if any, that a release from the subject site has impacted a downgradient adjacent site.

Background

On August 9, 2000, Converse Consultants, Inc. (Converse) performed a Limited Phase II Subsurface Investigation at the Maryland Square Shopping Center. This assessment consisted of an asbestos and lead assessment, and a limited subsurface investigation. The subsurface investigation was performed to determine whether there was perchlorethylene (PCE) in the shallow groundwater at one selected boring location. Converse installed one groundwater monitoring well (MW-1) at the site adjacent (downgradient) to the Al Phillips the Cleaner facility.

On August 14, 2000, Converse collected a groundwater sample from the monitoring well. Analysis of the groundwater sample indicated a concentration of 2,300 parts per billion (ppb). Based on this result, five

43/88BG

731 Pilot Road, Suite H, Las Vegas, Nevada 89119-4429
Telephone: (702) 269-8336 ♦ Facsimile: (702) 269-8353 ♦ e-mail: converse@convrs.com

Printed on Recycled Paper

additional wells were installed on the downgradient site (Boulevard Mall) to assess the extent of offsite impact.

Offsite Field Investigation

In an effort to assess if PCE migration is occurring onto the downgradient property (Boulevard Mall) from the subject site, subsurface conditions were investigated on the Boulevard Mall property which is located east across Maryland Parkway from the subject site.

Before beginning fieldwork, an access agreement was executed between the Client, the Owner of the off-site property, and Converse, authorizing site access and outlining the responsibilities of each party. Converse also secured the required permitting for the monitoring wells.

Drilling and Groundwater Well Installation

On October 2 and 3, 2000, the downgradient subsurface soil conditions were explored by drilling five (5) soil borings and converting the borings into monitoring wells. Boring MW-2 was located in the street between the Boulevard Mall parking garage and Macy's Department Store. Boring MW-3 was located in the street to the south of MW-2. Borings MW-4, MW-5, and MW-6 were located in a parking/driveway area between the Boulevard Mall parking garage and Maryland Parkway. Please refer to Drawing No. 2 for the boring locations.

Drilling was accomplished with a truck-mounted air rotary drill rig. All of the borings were drilled to an approximate depth of 32 feet below ground surface (bgs). During drilling activities, no odors, that could be associated with contamination, were encountered. Continuous logs of the subsurface conditions, as encountered in the explorations, were recorded at the time of drilling by a Converse Geologist and visually classified in accordance with the Unified Soil Classification System. Soil samples were collected from each boring in order to characterize the soil for disposal purposes. The soil samples were analyzed using EPA Method 8260 for volatile organic compounds (VOCs) including PCE.

Groundwater wells were constructed in each of the borings by installing 2-inch diameter PVC slotted screen from the bottom of the soil boring to

10 feet bgs, with blank PVC from the slotted terminus to the surface. Silica sand was used to infill the space between the screened piping and the borehole, and was extended from the maximum depth to 6 feet above the screen terminus. A 2-foot bentonite seal was placed above the sand. The wells were finished by infilling with neat cement. Seven-inch diameter manholes, equipped with metal covers, were installed on the wells flush with the surrounding pavement. Lockable well caps were also installed on the wells.

Groundwater Sample Results

On October 3, 2000, the five wells were developed by pumping several well volumes of water out of the wells to remove sediment and allow flow of representative formation groundwater into the well. On October 5, 2000, a minimum of 3 well volumes of water were purged from each well to allow sampling of representative groundwater. The samples were collected in sterilized 40-ml glass vials, capped with teflon-lined lids, labeled, and placed in an insulated container where they were maintained on ice.

The groundwater samples were submitted to NEL Laboratories, Inc. of Las Vegas, Nevada in accordance with EPA protocol under chain-of-custody. The samples were analyzed using EPA Method 8260 for VOCs including PCE. Table 1 presents the results of the analyses.

Table 1: Groundwater Sample Analysis

Well No.	PCE	Cis-1,2-Dichloroethene	Trichloroethene (TCE)
MW-2	3,000	18	18
MW-3	98	ND	ND
MW-4	14	ND	ND
MW-5	100	ND	ND
MW-6	2,200	8.1	13

ND – No detectable levels
Contaminants reported as micrograms per liter (ug/L) or parts per billion (ppb)

A copy of the laboratory report is included as Appendix A.

Groundwater Gradient and Flow

Presented in the following table is the groundwater elevation data collected during this investigation.

Table 2: Monitoring Data

Well No.	T.O.C. Elevation (feet)	Depth to Groundwater (feet bls)	Groundwater Elevation (feet)
MW-1	1991.81	17.54	1974.27
MW-2	1983.79	15.52	1968.27
MW-3	1984.19	15.95	1968.24
MW-4	1989.68	16.95	1972.73
MW-5	1988.93	16.20	1972.73
MW-6	1988.72	17.41	1971.31

Depth to groundwater in the monitoring wells averages approximately 16.5 feet below the ground surface. The groundwater flow is to the east with an approximate gradient of 0.01 feet per foot.

Discussion of Findings

Groundwater Samples

The USEPA has established maximum contaminant levels (MCLs) for certain compounds in drinking water. Currently the MCL for PCE in drinking water is 5 ug/L or ppb. All of the groundwater samples collected from the adjacent property to the east had PCE levels that exceed the MCL. The current MCL for trichloroethene (TCE) is 5 ppb. Groundwater samples collected from MW-2 and MW-6 had TCE levels that exceed the MCL. The current MCL for cis-1,2-dichloroethene is 70 ppb. Groundwater samples collected from MW-2 and MW-6 contained cis-1,2-dichloroethene; however the concentrations did not exceed the MCL. Chloroform was also detected in the groundwater sample from MW-3. Chloroform is commonly associated with chlorinated drinking water and does not likely represent a chemical release.

PCE is a common dry cleaning solvent. The TCE and cis-1,2-dichloroethene are common daughter products related to degradation of the PCE.

Conclusions and Recommendations

Based on the data presented in this report, we present the following conclusions:

- PCE and TCE concentrations exceed current regulatory standards in groundwater wells located on the adjacent property to the east of the subject site.

- From the data collected, it appears that the PCE contamination extends approximately 300-400 feet to the east/southeast of the subject site beyond Maryland Parkway. The lateral, terminal, and vertical extent of the plume have not been fully defined.

- Currently there are drums containing borehole soil cuttings and groundwater from well development and sampling activities stored on the Maryland Square Shopping Center property. Converse recommends properly disposing of these drums. Because the contaminant is PCE from dry cleaning operations, the contents of these drums are considered hazardous and must be disposed as such.

- Based on our investigation at the site, the PCE concentrations in all of the groundwater samples exceed the state action level. Therefore, state regulations require that we notify you of a reportable quantity and that you (or your representative) must report this to the Nevada Division of Environmental Protection (NDEP). For informational purposes, the NDEP may require that further investigation at the site be performed.

Limitations

Conclusions in this report are based on the sampling and testing completed for the specified time period it was collected. Sampling and testing locations are intended to confirm the presence or absence of target contaminants only at selected locations. Contaminant levels observed may not be the highest levels present at the site. It is not the intent of this study to perform exploration to detect other contaminants than those for which the laboratory analyses were performed. Therefore, no conclusions may be drawn on the presence or absence of other contaminants. Observed contaminants may change with relation to time, on-site activities, and adjacent site activities.

This letter report is for the use of The Herman Kishner Trust as it applies to the subject site. It has been prepared in accordance with generally accepted practices in geotechnical engineering, environmental and engineering geology and hydrogeology common to our local area. No other warranty, either expressed or implied, is made.

Certified Environmental Manager (CEM) Statement

For the services provided and described in this document, the following language is from NAC 459:

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, state, and local statutes, regulations, and ordinances.

Thank you for the opportunity to be of continued service. Should you have any questions or comments regarding this report, please call our office at your convenience.

Respectfully submitted,

CONVERSE CONSULTANTS

Andrea L. Moericke

Andrea L. Moericke
Project Manager

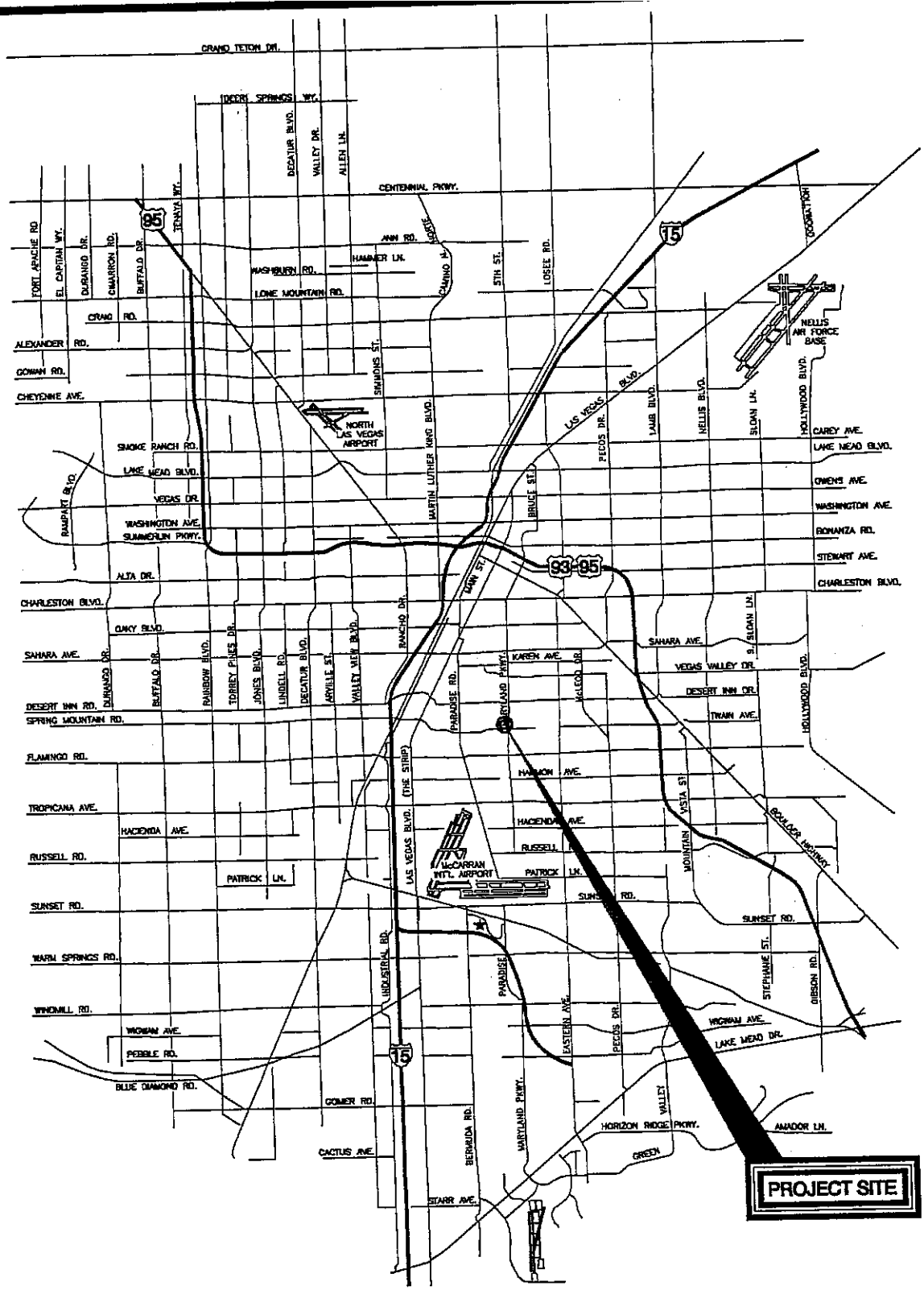
Reviewed and approved

Kurt A. Goebel, CEM, PG
Principal Geologist
Environmental Division Manager
Nevada CEM 1231 (Exp. 01/04/01)
Date Signed 11-28-00

KAG:ALM:gm

Encl: Drawings No. 1 and 2
Appendix A

Dist: 5/Addressee



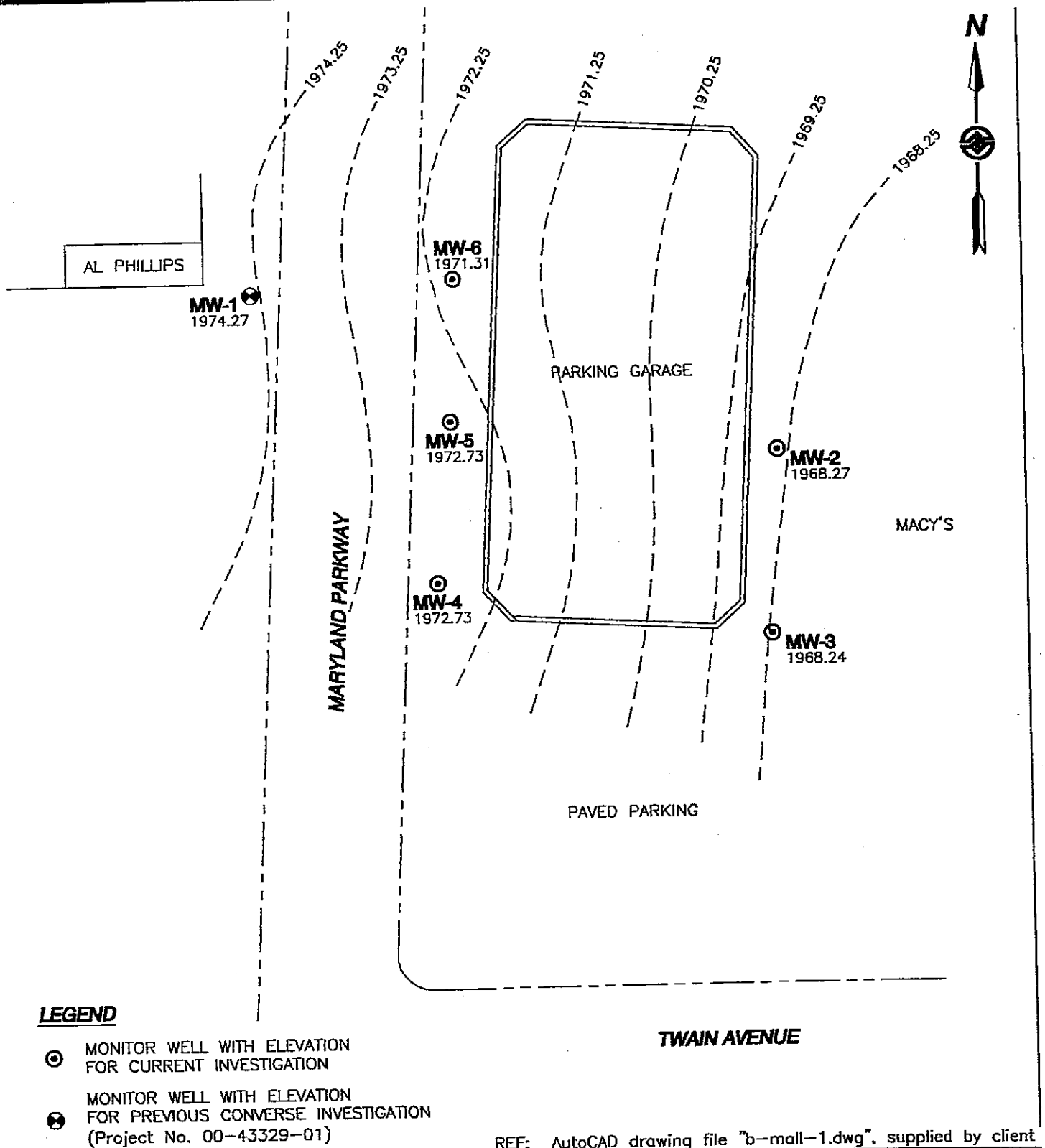
LAS VEGAS VICINITY

HERMAN KISHNER TRUST
3661 South Maryland Parkway
Las Vegas, Nevada

Scale	N.T.S.
Date	10/10/00
Drafted By	GLE
Checked By	ALM
Approved By	am
File No.	
Project No.	00-43367-01
Drawing No.	1

CONVERSE CONSULTANTS

Over 50 Years of Dedication in Engineering and Environmental Sciences



LEGEND

⊙ MONITOR WELL WITH ELEVATION FOR CURRENT INVESTIGATION

⊗ MONITOR WELL WITH ELEVATION FOR PREVIOUS CONVERSE INVESTIGATION (Project No. 00-43329-01)

REF: AutoCAD drawing file "b-mall-1.dwg", supplied by client

LOCATION OF SUBSURFACE EXPLORATIONS

HERMAN KISHNER TRUST
3661 South Maryland Parkway
Las Vegas, Nevada

Scale	1" = 100'
Date	11/27/00
Drafted By	GLE
Checked By	ALM
Approved By	
File No.	36701003
Project No.	00-43367-01
Drawing No.	2

CONVERSE CONSULTANTS

Over 50 Years of Dedication in Engineering and Environmental Sciences

Appendix A

NEL LABORATORIES
Reno • Las Vegas • Boise
Phoenix • Sacramento

Las Vegas Division
4208 Arcata Way, Suite A • Las Vegas, NV 89030
(702) 657-1010 • Fax: (702) 657-1577
1-888-368-3282

CLIENT: Converse Consultants
731 Pilot Road, Suite H
Las Vegas, NV 89119
ATTN: Andrea Moericke

NEL ORDER ID: L0010076

PROJECT NAME: Kishner Trust
PROJECT NUMBER: 00-43367-01

Attached are the analytical results for samples in support of the above referenced project.

Samples submitted for this project were not sampled by NEL Laboratories. Samples were received by NEL in good condition, under chain of custody on 10/6/00.

Should you have any questions or comments, please feel free to contact our Client Services department at (702) 657-1010.

Some results have been flagged as follows:

Di - Results reported from analysis at a higher dilution.
P - Sample was received improperly preserved. Sample was analyzed at the client's request.

Stan Van Wagenen
Laboratory Manager

10/11/00
Date

CERTIFICATIONS:

	Reno	Las Vegas	S. California
Arizona	AZ0520	AZ0518	AZ0605
California	1707	2002	2264
US Army Corps of Engineers	Certified	Certified	

	Reno	Las Vegas	S. California
Idaho	Certified	Certified	
Montana	Certified	Certified	
Nevada	NV033	NV052	CA084
L.A.C.S.D.			10228

NEL LABORATORIES

CLIENT: Converse Consultants
PROJECT ID: Kishner Trust
PROJECT #: 00-43367-01

CLIENT ID: MW-2
DATE SAMPLED: 10/5/00
NEL SAMPLE ID: L0010076-01

TEST: **Volatile Organic Compounds by EPA 8260B Low Level, December 1996**
METHOD: EPA 8260B
MATRIX: Aqueous
DILUTION: 10

EXTRACTED: 10/8/00
ANALYZED: 10/8/00
ANALYST: LRB - Reno Division

PARAMETER	Result µg/L	Reporting Limit	PARAMETER	Result µg/L		Reporting Limit
Acetone	ND	100. µg/L	1,1-Dichloropropene	ND		5. µg/L
Benzene	ND	5. µg/L	cis-1,3-Dichloropropene	ND		5. µg/L
Bromobenzene	ND	10. µg/L	trans-1,3-Dichloropropene	ND		5. µg/L
Bromochloromethane	ND	10. µg/L	Ethylbenzene	ND		5. µg/L
Bromodichloromethane	ND	10. µg/L	Hexachlorobutadiene	ND		20. µg/L
Bromoform	ND	10. µg/L	2-Hexanone	ND		100. µg/L
Bromomethane	ND	20. µg/L	Iodomethane	ND		20. µg/L
2-Butanone	ND	100. µg/L	Isopropylbenzene	ND		20. µg/L
n-Butylbenzene	ND	10. µg/L	p-Isopropyltoluene	ND		20. µg/L
sec-Butylbenzene	ND	10. µg/L	Methylene chloride (Dichloromethane)	ND		20. µg/L
tert-Butylbenzene	ND	10. µg/L	4-Methyl-2-pentanone	ND		100. µg/L
Carbon disulfide	ND	10. µg/L	MTBE	ND		5. µg/L
Carbon tetrachloride	ND	5. µg/L	Naphthalene	ND		20. µg/L
Chlorobenzene	ND	10. µg/L	n-Propylbenzene	ND		20. µg/L
Chloroethane	ND	20. µg/L	Styrene	ND		10. µg/L
Chloroform	ND	5. µg/L	1,1,1,2-Tetrachloroethane	ND		10. µg/L
Chloromethane	ND	20. µg/L	1,1,2,2-Tetrachloroethane	ND		5. µg/L
2-Chlorotoluene	ND	20. µg/L	Tetrachloroethene (PCE)	3000	Di	50. µg/L
4-Chlorotoluene	ND	20. µg/L	Toluene	ND		5. µg/L
Dibromochloromethane	ND	10. µg/L	1,2,3-Trichlorobenzene	ND		20. µg/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	20. µg/L	1,2,4-Trichlorobenzene	ND		20. µg/L
1,2-Dibromoethane (EDB)	ND	10. µg/L	1,1,1-Trichloroethane (1,1,1-TCA)	ND		5. µg/L
Dibromomethane	ND	10. µg/L	1,1,2-Trichloroethane (1,1,2-TCA)	ND		5. µg/L
1,2-Dichlorobenzene (o-DCB)	ND	10. µg/L	Trichloroethene (TCE)	18		5. µg/L
1,3-Dichlorobenzene (m-DCB)	ND	10. µg/L	Trichlorofluoromethane (Freon 11)	ND		20. µg/L
1,4-Dichlorobenzene (p-DCB)	ND	10. µg/L	1,2,3-Trichloropropane	ND		20. µg/L
Dichlorodifluoromethane (Freon 12)	ND	20. µg/L	1,2,4-Trimethylbenzene	ND		20. µg/L
1,1-Dichloroethane (1,1-DCA)	ND	5. µg/L	1,3,5-Trimethylbenzene	ND		20. µg/L
1,2-Dichloroethane (1,2-DCA)	ND	5. µg/L	Vinyl chloride	ND		5. µg/L
1,1-Dichloroethene (1,1-DCE)	ND	5. µg/L	o-Xylene	ND		10. µg/L
cis-1,2-Dichloroethene	18	5. µg/L	m,p-Xylene	ND		10. µg/L
trans-1,2-Dichloroethene	ND	5. µg/L	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10. µg/L
1,2-Dichloropropane	ND	5. µg/L				
1,3-Dichloropropane	ND	20. µg/L				
2,2-Dichloropropane	ND	10. µg/L				

QUALITY CONTROL DATA:

Surrogate	% Recovery	Acceptable Range
4-Bromofluorobenzene	100	86 - 115
Dibromofluoromethane	101	86 - 118
Toluene-d8	100	88 - 110

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: Converse Consultants
PROJECT ID: Kishner Trust
PROJECT #: 00-43367-01

CLIENT ID: MW-3
DATE SAMPLED: 10/5/00
NEL SAMPLE ID: L0010076-02

TEST: **Volatile Organic Compounds by EPA 8260B Low Level, December 1996**
METHOD: EPA 8260B
MATRIX: Aqueous
DILUTION: 10

EXTRACTED: 10/8/00
ANALYZED: 10/8/00
ANALYST: LRB - Reno Division

PARAMETER	Result µg/L	Reporting Limit
Acetone	ND	100. µg/L
Benzene	ND	5. µg/L
Bromobenzene	ND	10. µg/L
Bromochloromethane	ND	10. µg/L
Bromodichloromethane	ND	10. µg/L
Bromoform	ND	10. µg/L
Bromomethane	ND	20. µg/L
2-Butanone	ND	100. µg/L
n-Butylbenzene	ND	10. µg/L
sec-Butylbenzene	ND	10. µg/L
tert-Butylbenzene	ND	10. µg/L
Carbon disulfide	ND	10. µg/L
Carbon tetrachloride	ND	5. µg/L
Chlorobenzene	ND	10. µg/L
Chloroethane	ND	20. µg/L
Chloroform	8.3	5. µg/L
Chloromethane	ND	20. µg/L
2-Chlorotoluene	ND	20. µg/L
4-Chlorotoluene	ND	20. µg/L
Dibromochloromethane	ND	10. µg/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	20. µg/L
1,2-Dibromoethane (EDB)	ND	10. µg/L
Dibromomethane	ND	10. µg/L
1,2-Dichlorobenzene (o-DCB)	ND	10. µg/L
1,3-Dichlorobenzene (m-DCB)	ND	10. µg/L
1,4-Dichlorobenzene (p-DCB)	ND	20. µg/L
Dichlorodifluoromethane (Freon 12)	ND	5. µg/L
1,1-Dichloroethane (1,1-DCA)	ND	5. µg/L
1,2-Dichloroethane (1,2-DCA)	ND	5. µg/L
1,1-Dichloroethene (1,1-DCE)	ND	5. µg/L
cis-1,2-Dichloroethene	ND	5. µg/L
trans-1,2-Dichloroethene	ND	5. µg/L
1,2-Dichloropropane	ND	20. µg/L
1,3-Dichloropropane	ND	10. µg/L
2,2-Dichloropropane	ND	10. µg/L

PARAMETER	Result µg/L	Reporting Limit
1,1-Dichloropropene	ND	5. µg/L
cis-1,3-Dichloropropene	ND	5. µg/L
trans-1,3-Dichloropropene	ND	5. µg/L
Ethylbenzene	ND	5. µg/L
Hexachlorobutadiene	ND	20. µg/L
2-Hexanone	ND	100. µg/L
Iodomethane	ND	20. µg/L
Isopropylbenzene	ND	20. µg/L
p-Isopropyltoluene	ND	20. µg/L
Methylene chloride (Dichloromethane)	ND	20. µg/L
4-Methyl-2-pentanone	ND	100. µg/L
MTBE	ND	5. µg/L
Naphthalene	ND	20. µg/L
n-Propylbenzene	ND	20. µg/L
Styrene	ND	10. µg/L
1,1,1,2-Tetrachloroethane	ND	10. µg/L
1,1,2,2-Tetrachloroethane	ND	5. µg/L
Tetrachloroethene (PCE)	98	5. µg/L
Toluene	ND	5. µg/L
1,2,3-Trichlorobenzene	ND	20. µg/L
1,2,4-Trichlorobenzene	ND	20. µg/L
1,1,1-Trichloroethane (1,1,1-TCA)	ND	5. µg/L
1,1,2-Trichloroethane (1,1,2-TCA)	ND	5. µg/L
Trichloroethene (TCE)	ND	5. µg/L
Trichlorofluoromethane (Freon 11)	ND	20. µg/L
1,2,3-Trichloropropane	ND	20. µg/L
1,2,4-Trimethylbenzene	ND	20. µg/L
1,3,5-Trimethylbenzene	ND	20. µg/L
Vinyl chloride	ND	5. µg/L
o-Xylene	ND	10. µg/L
m,p-Xylene	ND	10. µg/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10. µg/L

QUALITY CONTROL DATA:

Surrogate	% Recovery	Acceptable Range
4-Bromofluorobenzene	105	86 - 115
Dibromofluoromethane	101	86 - 118
Toluene-d8	102	88 - 110

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT:	Converse Consultants	CLIENT ID:	MW-6
PROJECT ID:	Kishner Trust	DATE SAMPLED:	10/5/00
PROJECT #:	00-43367-01	NEL SAMPLE ID:	L0010076-03
TEST:	**Volatile Organic Compounds by EPA 8260B Low Level, December 1996**		
METHOD:	EPA 8260B	EXTRACTED:	10/8/00
MATRIX:	Aqueous	ANALYZED:	10/8/00
DILUTION:	10	ANALYST:	LRB - Reno Division

PARAMETER	Result µg/L	Reporting Limit	PARAMETER	Result µg/L		Reporting Limit
Acetone	ND	100. µg/L	1,1-Dichloropropene	ND		5. µg/L
Benzene	ND	5. µg/L	cis-1,3-Dichloropropene	ND		5. µg/L
Bromobenzene	ND	10. µg/L	trans-1,3-Dichloropropene	ND		5. µg/L
Bromochloromethane	ND	10. µg/L	Ethylbenzene	ND		5. µg/L
Bromodichloromethane	ND	10. µg/L	Hexachlorobutadiene	ND		20. µg/L
Bromoform	ND	10. µg/L	2-Hexanone	ND		100. µg/L
Bromomethane	ND	20. µg/L	Iodomethane	ND		20. µg/L
2-Butanone	ND	100. µg/L	Isopropylbenzene	ND		20. µg/L
n-Butylbenzene	ND	10. µg/L	p-Isopropyltoluene	ND		20. µg/L
sec-Butylbenzene	ND	10. µg/L	Methylene chloride (Dichloromethane)	ND		20. µg/L
tert-Butylbenzene	ND	10. µg/L	4-Methyl-2-pentanone	ND		100. µg/L
Carbon disulfide	ND	10. µg/L	MTBE	ND		5. µg/L
Carbon tetrachloride	ND	5. µg/L	Naphthalene	ND		20. µg/L
Chlorobenzene	ND	10. µg/L	n-Propylbenzene	ND		20. µg/L
Chloroethane	ND	20. µg/L	Styrene	ND		10. µg/L
Chloroform	ND	5. µg/L	1,1,1,2-Tetrachloroethane	ND		10. µg/L
Chloromethane	ND	20. µg/L	1,1,2,2-Tetrachloroethane	ND		5. µg/L
2-Chlorotoluene	ND	20. µg/L	Tetrachloroethene (PCE)	2200	Di	50. µg/L
4-Chlorotoluene	ND	20. µg/L	Toluene	ND		5. µg/L
Dibromochloromethane	ND	10. µg/L	1,2,3-Trichlorobenzene	ND		20. µg/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	20. µg/L	1,2,4-Trichlorobenzene	ND		20. µg/L
1,2-Dibromoethane (EDB)	ND	10. µg/L	1,1,1-Trichloroethane (1,1,1-TCA)	ND		5. µg/L
Dibromomethane	ND	10. µg/L	1,1,2-Trichloroethane (1,1,2-TCA)	ND		5. µg/L
1,2-Dichlorobenzene (o-DCB)	ND	10. µg/L	Trichloroethene (TCE)	13		5. µg/L
1,3-Dichlorobenzene (m-DCB)	ND	10. µg/L	Trichlorofluoromethane (Freon 11)	ND		20. µg/L
1,4-Dichlorobenzene (p-DCB)	ND	10. µg/L	1,2,3-Trichloropropane	ND		20. µg/L
Dichlorodifluoromethane (Freon 12)	ND	20. µg/L	1,2,4-Trimethylbenzene	ND		20. µg/L
1,1-Dichloroethane (1,1-DCA)	ND	5. µg/L	1,3,5-Trimethylbenzene	ND		20. µg/L
1,2-Dichloroethane (1,2-DCA)	ND	5. µg/L	Vinyl chloride	ND		5. µg/L
1,1-Dichloroethene (1,1-DCE)	ND	5. µg/L	o-Xylene	ND		10. µg/L
cis-1,2-Dichloroethene	8.1	5. µg/L	m,p-Xylene	ND		10. µg/L
trans-1,2-Dichloroethene	ND	5. µg/L	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10. µg/L
1,2-Dichloropropane	ND	5. µg/L				
1,3-Dichloropropane	ND	20. µg/L				
2,2-Dichloropropane	ND	10. µg/L				

QUALITY CONTROL DATA:

Surrogate	% Recovery	Acceptable Range
4-Bromofluorobenzene	102	86 - 115
Dibromofluoromethane	103	86 - 118
Toluene-d8	103	88 - 110

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: Converse Consultants
PROJECT ID: Kishner Trust
PROJECT #: 00-43367-01

CLIENT ID: MW-5
DATE SAMPLED: 10/5/00
NEL SAMPLE ID: L0010076-04

TEST: **Volatile Organic Compounds by EPA 8260B Low Level, December 1996**
METHOD: EPA 8260B
MATRIX: Aqueous
DILUTION: 10

EXTRACTED: 10/8/00
ANALYZED: 10/8/00
ANALYST: LRB - Reno Division

PARAMETER	Result µg/L	Reporting Limit	PARAMETER	Result µg/L	Reporting Limit
Acetone	ND	100. µg/L	1,1-Dichloropropene	ND	5. µg/L
Benzene	ND	5. µg/L	cis-1,3-Dichloropropene	ND	5. µg/L
Bromobenzene	ND	10. µg/L	trans-1,3-Dichloropropene	ND	5. µg/L
Bromochloromethane	ND	10. µg/L	Ethylbenzene	ND	5. µg/L
Bromodichloromethane	ND	10. µg/L	Hexachlorobutadiene	ND	20. µg/L
Bromoform	ND	10. µg/L	2-Hexanone	ND	100. µg/L
Bromomethane	ND	20. µg/L	Iodomethane	ND	20. µg/L
2-Butanone	ND	100. µg/L	Isopropylbenzene	ND	20. µg/L
n-Butylbenzene	ND	10. µg/L	p-Isopropyltoluene	ND	20. µg/L
sec-Butylbenzene	ND	10. µg/L	Methylene chloride (Dichloromethane)	ND	20. µg/L
tert-Butylbenzene	ND	10. µg/L	4-Methyl-2-pentanone	ND	100. µg/L
Carbon disulfide	ND	10. µg/L	MTBE	ND	5. µg/L
Carbon tetrachloride	ND	5. µg/L	Naphthalene	ND	20. µg/L
Chlorobenzene	ND	10. µg/L	n-Propylbenzene	ND	20. µg/L
Chloroethane	ND	20. µg/L	Styrene	ND	10. µg/L
Chloroform	ND	5. µg/L	1,1,1,2-Tetrachloroethane	ND	10. µg/L
Chloromethane	ND	20. µg/L	1,1,2,2-Tetrachloroethane	ND	5. µg/L
2-Chlorotoluene	ND	20. µg/L	Tetrachloroethene (PCE)	100	5. µg/L
4-Chlorotoluene	ND	20. µg/L	Toluene	ND	5. µg/L
Dibromochloromethane	ND	10. µg/L	1,2,3-Trichlorobenzene	ND	20. µg/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	20. µg/L	1,2,4-Trichlorobenzene	ND	20. µg/L
1,2-Dibromoethane (EDB)	ND	10. µg/L	1,1,1-Trichloroethane (1,1,1-TCA)	ND	5. µg/L
Dibromomethane	ND	10. µg/L	1,1,2-Trichloroethane (1,1,2-TCA)	ND	5. µg/L
1,2-Dichlorobenzene (o-DCB)	ND	10. µg/L	Trichloroethene (TCE)	ND	5. µg/L
1,3-Dichlorobenzene (m-DCB)	ND	10. µg/L	Trichlorofluoromethane (Freon 11)	ND	20. µg/L
1,4-Dichlorobenzene (p-DCB)	ND	10. µg/L	1,2,3-Trichloropropane	ND	20. µg/L
Dichlorodifluoromethane (Freon 12)	ND	20. µg/L	1,2,4-Trimethylbenzene	ND	20. µg/L
1,1-Dichloroethane (1,1-DCA)	ND	5. µg/L	1,3,5-Trimethylbenzene	ND	20. µg/L
1,2-Dichloroethane (1,2-DCA)	ND	5. µg/L	Vinyl chloride	ND	5. µg/L
1,1-Dichloroethene (1,1-DCE)	ND	5. µg/L	o-Xylene	ND	10. µg/L
cis-1,2-Dichloroethene	ND	5. µg/L	m,p-Xylene	ND	10. µg/L
trans-1,2-Dichloroethene	ND	5. µg/L	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10. µg/L
1,2-Dichloropropane	ND	5. µg/L			
1,3-Dichloropropane	ND	20. µg/L			
2,2-Dichloropropane	ND	10. µg/L			

QUALITY CONTROL DATA:

Surrogate	% Recovery	Acceptable Range
4-Bromofluorobenzene	101	86 - 115
Dibromofluoromethane	102	86 - 118
Toluene-d8	102	88 - 110

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: Converse Consultants
PROJECT ID: Kishner Trust
PROJECT #: 00-43367-01

CLIENT ID: MW-4
DATE SAMPLED: 10/5/00
NEL SAMPLE ID: L0010076-05

TEST: **Volatile Organic Compounds by EPA 8260B Low Level, December 1996**
METHOD: EPA 8260B
MATRIX: Aqueous
DILUTION: 10

EXTRACTED: 10/8/00
ANALYZED: 10/8/00
ANALYST: LRB - Reno Division

PARAMETER	Result µg/L	Reporting Limit
Acetone	ND	100. µg/L
Benzene	ND	5. µg/L
Bromobenzene	ND	10. µg/L
Bromochloromethane	ND	10. µg/L
Bromodichloromethane	ND	10. µg/L
Bromoform	ND	10. µg/L
Bromomethane	ND	20. µg/L
2-Butanone	ND	100. µg/L
n-Butylbenzene	ND	10. µg/L
sec-Butylbenzene	ND	10. µg/L
tert-Butylbenzene	ND	10. µg/L
Carbon disulfide	ND	10. µg/L
Carbon tetrachloride	ND	5. µg/L
Chlorobenzene	ND	10. µg/L
Chloroethane	ND	20. µg/L
Chloroform	ND	5. µg/L
Chloromethane	ND	20. µg/L
2-Chlorotoluene	ND	20. µg/L
4-Chlorotoluene	ND	20. µg/L
Dibromochloromethane	ND	10. µg/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	20. µg/L
1,2-Dibromoethane (EDB)	ND	10. µg/L
Dibromomethane	ND	10. µg/L
1,2-Dichlorobenzene (o-DCB)	ND	10. µg/L
1,3-Dichlorobenzene (m-DCB)	ND	10. µg/L
1,4-Dichlorobenzene (p-DCB)	ND	10. µg/L
Dichlorodifluoromethane (Freon 12)	ND	20. µg/L
1,1-Dichloroethane (1,1-DCA)	ND	5. µg/L
1,2-Dichloroethane (1,2-DCA)	ND	5. µg/L
1,1-Dichloroethene (1,1-DCE)	ND	5. µg/L
cis-1,2-Dichloroethene	ND	5. µg/L
trans-1,2-Dichloroethene	ND	5. µg/L
1,2-Dichloropropane	ND	5. µg/L
1,3-Dichloropropane	ND	20. µg/L
2,2-Dichloropropane	ND	10. µg/L

PARAMETER	Result µg/L	Reporting Limit
1,1-Dichloropropene	ND	5. µg/L
cis-1,3-Dichloropropene	ND	5. µg/L
trans-1,3-Dichloropropene	ND	5. µg/L
Ethylbenzene	ND	5. µg/L
Hexachlorobutadiene	ND	20. µg/L
2-Hexanone	ND	100. µg/L
Iodomethane	ND	20. µg/L
Isopropylbenzene	ND	20. µg/L
p-Isopropyltoluene	ND	20. µg/L
Methylene chloride (Dichloromethane)	ND	20. µg/L
4-Methyl-2-pentanone	ND	100. µg/L
MTBE	ND	5. µg/L
Naphthalene	ND	20. µg/L
n-Propylbenzene	ND	20. µg/L
Styrene	ND	10. µg/L
1,1,1,2-Tetrachloroethane	ND	10. µg/L
1,1,2,2-Tetrachloroethane	ND	5. µg/L
Tetrachloroethene (PCE)	14	5. µg/L
Toluene	ND	5. µg/L
1,2,3-Trichlorobenzene	ND	20. µg/L
1,2,4-Trichlorobenzene	ND	20. µg/L
1,1,1-Trichloroethane (1,1,1-TCA)	ND	5. µg/L
1,1,2-Trichloroethane (1,1,2-TCA)	ND	5. µg/L
Trichloroethene (TCE)	ND	5. µg/L
Trichlorofluoromethane (Freon 11)	ND	20. µg/L
1,2,3-Trichloropropane	ND	20. µg/L
1,2,4-Trimethylbenzene	ND	20. µg/L
1,3,5-Trimethylbenzene	ND	20. µg/L
Vinyl chloride	ND	5. µg/L
o-Xylene	ND	10. µg/L
m,p-Xylene	ND	10. µg/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10. µg/L

QUALITY CONTROL DATA:

Surrogate	% Recovery	Acceptable Range
4-Bromofluorobenzene	104	86 - 115
Dibromofluoromethane	102	86 - 118
Toluene-d8	102	88 - 110

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT:	Converse Consultants	CLIENT ID:	**Method Blank**
PROJECT ID:	Kishner Trust	DATE SAMPLED:	NA
PROJECT #:	00-43367-01	NEL SAMPLE ID:	100800-v1-8260L-BLK
TEST:	**Volatile Organic Compounds by EPA 8260B Low Level, December 1996**		
METHOD:	EPA 8260B	ANALYST:	LRB - Reno Division
MATRIX:	Aqueous	EXTRACTED:	10/8/00
		ANALYZED:	10/8/00

PARAMETER	Result µg/L	Reporting Limit	PARAMETER	Result µg/L	Reporting Limit
Acetone	ND	10 µg/L	1,1-Dichloropropene	ND	0.5 µg/L
Benzene	ND	0.5 µg/L	cis-1,3-Dichloropropene	ND	0.5 µg/L
Bromobenzene	ND	1 µg/L	trans-1,3-Dichloropropene	ND	0.5 µg/L
Bromochloromethane	ND	1 µg/L	Ethylbenzene	ND	0.5 µg/L
Bromodichloromethane	ND	1 µg/L	Hexachlorobutadiene	ND	2 µg/L
Bromoform	ND	1 µg/L	2-Hexanone	ND	10 µg/L
Bromomethane	ND	2 µg/L	Iodomethane	ND	2 µg/L
2-Butanone	ND	10 µg/L	Isopropylbenzene	ND	2 µg/L
n-Butylbenzene	ND	1 µg/L	p-Isopropyltoluene	ND	2 µg/L
sec-Butylbenzene	ND	1 µg/L	Methylene chloride (Dichloromethane)	ND	2 µg/L
tert-Butylbenzene	ND	1 µg/L	4-Methyl-2-pentanone	ND	10 µg/L
Carbon disulfide	ND	1 µg/L	MTBE	ND	0.5 µg/L
Carbon tetrachloride	ND	0.5 µg/L	Naphthalene	ND	2 µg/L
Chlorobenzene	ND	1 µg/L	n-Propylbenzene	ND	2 µg/L
Chloroethane	ND	2 µg/L	Styrene	ND	1 µg/L
Chloroform	ND	0.5 µg/L	1,1,1,2-Tetrachloroethane	ND	1 µg/L
Chloromethane	ND	2 µg/L	1,1,2,2-Tetrachloroethane	ND	0.5 µg/L
2-Chlorotoluene	ND	2 µg/L	Tetrachloroethene (PCE)	ND	0.5 µg/L
4-Chlorotoluene	ND	2 µg/L	Toluene	ND	0.5 µg/L
Dibromochloromethane	ND	1 µg/L	1,2,3-Trichlorobenzene	ND	2 µg/L
1,2-Dibromo-3-chloropropane (DBCP)	ND	2 µg/L	1,2,4-Trichlorobenzene	ND	2 µg/L
1,2-Dibromoethane (EDB)	ND	1 µg/L	1,1,1-Trichloroethane (1,1,1-TCA)	ND	0.5 µg/L
Dibromomethane	ND	1 µg/L	1,1,2-Trichloroethane (1,1,2-TCA)	ND	0.5 µg/L
1,2-Dichlorobenzene (o-DCB)	ND	1 µg/L	Trichloroethene (TCE)	ND	0.5 µg/L
1,3-Dichlorobenzene (m-DCB)	ND	1 µg/L	Trichlorofluoromethane (Freon 11)	ND	2 µg/L
1,4-Dichlorobenzene (p-DCB)	ND	1 µg/L	1,2,3-Trichloropropane	ND	2 µg/L
Dichlorodifluoromethane (Freon 12)	ND	2 µg/L	1,2,4-Trimethylbenzene	ND	2 µg/L
1,1-Dichloroethane (1,1-DCA)	ND	0.5 µg/L	1,3,5-Trimethylbenzene	ND	2 µg/L
1,2-Dichloroethane (1,2-DCA)	ND	0.5 µg/L	Vinyl chloride	ND	0.5 µg/L
1,1-Dichloroethene (1,1-DCE)	ND	0.5 µg/L	o-Xylene	ND	1 µg/L
cis-1,2-Dichloroethene	ND	0.5 µg/L	m,p-Xylene	ND	1 µg/L
trans-1,2-Dichloroethene	ND	0.5 µg/L	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1 µg/L
1,2-Dichloropropane	ND	0.5 µg/L			
1,3-Dichloropropane	ND	2 µg/L			
2,2-Dichloropropane	ND	1 µg/L			

QUALITY CONTROL DATA:

Surrogate	% Recovery	Acceptable Range
4-Bromofluorobenzene	102	86 - 115
Dibromofluoromethane	105	86 - 118
Toluene-d8	99	88 - 110

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

CHAIN OF CUSTODY RECORD

Converse Consultants
731 Pilot Road, Suite H
Las Vegas, Nevada 89119-4429
Phone: (702) 269-8336 • Fax: (702) 269-8353

10/9/00

Log Number 20010076

Project Name: Kishner Trust	Project Number: 00-43367-01
Project Location: Blue Mall	Phone Number:
Project Manager:	Sample Collector: Angel Ramos

Analyses Required: 8260-Full Range

Lab Sample Number	Date Sampled	Time Sampled	Matrix	Sample Identification	Comp. Instr.	8260-Full Range	Remarks
01	10-5-00	1639	H2O	MW-2	grab	X	24 hr. Turn Around
02	10-5-00	1725	H2O	MW-3	grab	X	
03	10-5-00	1810	H2O	MW-6	grab	X	
04	10-5-00	1847	H2O	MW-5	grab	X	
05	10-5-00	1941	H2O	MW-4	grab	X	

Custody Seal Intact: Y N (None) Temp: 4°
Condition when received: Poor (Good)

	Signature	Print Name	Company	Date	Time
Relinquished by:	[signature]	Angel Ramos	Converse	10-5-00	
Received by:	Andrea Moericke	Andrea Moericke	"	10/6/00	8:00
Relinquished by:	Andrea Moericke	Andrea Moericke	"	10/6/00	11:42
Received by:	[signature]	Andrea Flood	NEL-LV	10/6/00	11:42
Relinquished by:					
Received by:					

NEL LABORATORIES
Reno • Las Vegas • Boise
Phoenix • Sacramento

Las Vegas Division
4208 Arcata Way, Suite A • Las Vegas, NV 89030
(702) 657-1010 • Fax: (702) 657-1577
1-888-368-3282

CLIENT: Converse Consultants
731 Pilot Road, Suite H
Las Vegas, NV 89119

ATTN: Andrea Moericke

PROJECT NAME: 00-43367-01
PROJECT NUMBER: NA

NEL ORDER ID: L0010074

Attached are the analytical results for samples in support of the above referenced project.

Samples submitted for this project were not sampled by NEL Laboratories. Samples were received by NEL in good condition, under chain of custody on 10/6/00.

Should you have any questions or comments, please feel free to contact our Client Services department at (702) 657-1010.

Stan Van Wagenen
Laboratory Manager

10/16/00
Date

CERTIFICATIONS:

	Reno	Las Vegas	S. California
Arizona	AZ0520	AZ0518	AZ0605
California	1707	2002	2264
US Army Corps of Engineers	Certified	Certified	

	Reno	Las Vegas	S. California
Idaho	Certified	Certified	
Montana	Certified	Certified	
Nevada	NV033	NV052	CA084
L.A.C.S.D.			10228

ATEL

Aqua Tech Environmental Laboratories, Inc.

- CERTIFICATE OF ANALYSIS -

Report Date: 12-Oct-00

Client #: I1073
Nevada Environmental Labs
4208 Arcata Way Ste A
Las Vegas, NV 89030

Phone: (702) 657-1010 Ext:
FAX: (702) 657-1577

Attn: Jackie Finley

Our Lab#: MEL00-15454
Date Logged In: 10/10/00
Sample Type: Soil/Sludge
Project #:

Your Sample ID: L0010074-01
Sample Source: RCRA
Client Project #:
Date Submitted to Lab: 10/9/2000
PO#: L0010074

- COLLECTION INFORMATION -

Date/Time/By: 10/3/00

EPA Method	Analyst	Prep Date	Analysis Date
8260	JSM		10/9/00

CAS Number	Parameter	Result	Typical Report Limit
67-64-1	Acetone	< 0.10 mg/kg	0.1
71-43-2	Benzene	< 0.005 mg/kg	0.005
74-97-5	Bromochloromethane	< 0.005 mg/kg	0.005
75-27-4	Bromodichloromethane	< 0.005 mg/kg	0.005
75-25-2	Bromoform	< 0.005 mg/kg	0.005
74-83-9	Bromomethane	< 0.010 mg/kg	0.01
75-15-0	Carbon disulfide	< 0.005 mg/kg	0.005
56-23-5	Carbon tetrachloride	< 0.005 mg/kg	0.005
108-90-7	Chlorobenzene	< 0.005 mg/kg	0.005
75-00-3	Chloroethane	< 0.010 mg/kg	0.01
67-66-3	Chloroform	< 0.005 mg/kg	0.005
74-87-3	Chloromethane	< 0.010 mg/kg	0.01
96-12-8	1,2-Dibromo-3-chloropropane	< 0.005 mg/kg	0.005
124-48-1	Dibromochloromethane	< 0.005 mg/kg	0.005
106-93-4	1,2-Dibromoethane (EDB)	< 0.005 mg/kg	0.005
74-95-3	Dibromomethane	< 0.005 mg/kg	0.005
95-50-1	1,2-Dichlorobenzene	< 0.005 mg/kg	0.005
106-46-7	1,4-Dichlorobenzene	< 0.005 mg/kg	0.005
110-57-6	Trans-1,4-Dichloro-2-Butene	< 0.005 mg/kg	0.005
75-34-3	1,1-Dichloroethane	< 0.005 mg/kg	0.005
107-06-2	1,2-Dichloroethane	< 0.005 mg/kg	0.005

Lab Number MEL00-15454

Your Sample ID: L0010074-01

6878 S. STATE ROUTE 100 • P.O. BOX 76 • MELMORE, OH 44845-9999
PHONE 419-397-2659 • 1-800-858-8569 • FAX 419-397-2229

ATEL

Aqua Tech Environmental Laboratories, Inc.

- CERTIFICATE OF ANALYSIS -

CAS Number	Parameter	Result	Typical Report Limit
75-35-4	1,1-Dichloroethene	< 0.005 mg/kg	0.005
156-59-2	cis-1,2-Dichloroethene	< 0.005 mg/kg	0.005
156-60-5	trans-1,2-Dichloroethene	< 0.005 mg/kg	0.005
78-87-5	1,2-Dichloropropane	< 0.005 mg/kg	0.005
10061-01-5	cis-1,3-Dichloropropene	< 0.005 mg/kg	0.005
10061-02-6	trans-1,3-Dichloropropene	< 0.005 mg/kg	0.005
100-41-4	Ethylbenzene	< 0.050 mg/kg	0.05
591-78-6	2-Hexanone	< 0.050 mg/kg	0.05
78-93-3	Methyl ethyl ketone	< 0.005 mg/kg	0.005
74-88-4	Methyl Iodide	< 0.050 mg/kg	0.05
108-10-1	4-Methyl-2-pentanone (MIBK)	< 0.005 mg/kg	0.005
75-09-2	Methylene chloride	< 0.005 mg/kg	0.005
100-42-5	Styrene	< 0.005 mg/kg	0.005
630-20-6	1,1,1,2-Tetrachloroethane	< 0.005 mg/kg	0.005
79-34-5	1,1,2,2-Tetrachloroethane	< 0.005 mg/kg	0.005
127-18-4	Tetrachloroethene	< 0.005 mg/kg	0.005
108-88-3	Toluene	< 0.005 mg/kg	0.005
71-55-6	1,1,1-Trichloroethane	< 0.005 mg/kg	0.005
79-00-5	1,1,2-Trichloroethane	< 0.005 mg/kg	0.005
79-01-6	Trichloroethene	< 0.005 mg/kg	0.005
75-69-4	Trichlorofluoromethane	< 0.005 mg/kg	0.005
96-18-4	1,2,3-Trichloropropane	< 0.050 mg/kg	0.05
108-05-4	Vinyl acetate	< 0.010 mg/kg	0.01
75-01-4	Vinyl chloride	< 0.010 mg/kg	0.01
	Xylene, Total		

EPA Method	Analyst	Prep Date	Analysis Date
160.3	JSM		10/10/00

CAS Number	Parameter	Result	Typical Report Limit
	Solids, Percent	79.7 %	

Lab Number MEL00-15454

Your Sample ID: L0010074-01

6878 S. STATE ROUTE 100 • P.O. BOX 76 • MELMORE, OH 44845-9999
PHONE 419-397-2659 • 1-800-858-8869 • FAX 419-397-2229

ATEL

Aqua Tech Environmental Laboratories, Inc.

- CERTIFICATE OF ANALYSIS -

--- Surrogate Recoveries ---

QC Lab#	EPA Method	Surrogate Name	Percent Recovery	Lower Limit	Upper Limit
MEL00-15454	8260	Bromofluorobenzene (BFB) (Surr)	100 %R	74	121
MEL00-15454	8260	Dibromofluoromethane (Surr)	98 %R	80	120
MEL00-15454	8260	Toluene-d8 (Surr)	102 %R	81	117

End of Report

Report Approved By: Wade T. DeLong

Wade T. DeLong

This report shall not be reproduced, except in its entirety, without the written approval of the laboratory.

Your Sample ID: L0010074-01

Lab Number MEL00-15454

6878 S. STATE ROUTE 100 • P.O. BOX 76 • MELMORE, OH 44845-9999
PHONE 419-397-2659 • 1-800-858-8869 • FAX 419-397-2229

ATEL

Aqua Tech Environmental Laboratories, Inc.

- CERTIFICATE OF ANALYSIS -

Report Date: 12-Oct-00

Client #: I1073

Nevada Environmental Labs
4208 Arcata Way Ste A
Las Vegas, NV 89030

Phone: (702) 657-1010 Ext:
FAX: (702) 657-1577

Attn: Jackie Finley

Our Lab#: MEL00-15455
Date Logged In: 10/10/00
Sample Type: Soil/Sludge
Project #:

Your Sample ID: L0010074-02
Sample Source: RCRA
Client Project #:
Date Submitted to Lab: 10/9/2000
PO#: L0010074

- COLLECTION INFORMATION -

Date/Time/By: 10/3/00

EPA Method	Analyst	Prep Date	Analysis Date
8260	JSM		10/9/00

CAS Number	Parameter	Result	Typical Report Limit
67-64-1	Acetone	< 0.10 mg/kg	0.1
71-43-2	Benzene	< 0.005 mg/kg	0.005
74-97-5	Bromochloromethane	< 0.005 mg/kg	0.005
75-27-4	Bromodichloromethane	< 0.005 mg/kg	0.005
75-25-2	Bromoform	< 0.005 mg/kg	0.005
74-83-9	Bromomethane	< 0.010 mg/kg	0.01
75-15-0	Carbon disulfide	< 0.005 mg/kg	0.005
56-23-5	Carbon tetrachloride	< 0.005 mg/kg	0.005
108-90-7	Chlorobenzene	< 0.005 mg/kg	0.005
75-00-3	Chloroethane	< 0.010 mg/kg	0.01
67-66-3	Chloroform	< 0.005 mg/kg	0.005
74-87-3	Chloromethane	< 0.010 mg/kg	0.01
96-12-8	1,2-Dibromo-3-chloropropane	< 0.005 mg/kg	0.005
124-48-1	Dibromochloromethane	< 0.005 mg/kg	0.005
106-93-4	1,2-Dibromoethane (EDB)	< 0.005 mg/kg	0.005
74-95-3	Dibromomethane	< 0.005 mg/kg	0.005
95-50-1	1,2-Dichlorobenzene	< 0.005 mg/kg	0.005
106-46-7	1,4-Dichlorobenzene	< 0.005 mg/kg	0.005
110-57-6	Trans-1,4-Dichloro-2-Butene	< 0.005 mg/kg	0.005
75-34-3	1,1-Dichloroethane	< 0.005 mg/kg	0.005
107-06-2	1,2-Dichloroethane	< 0.005 mg/kg	0.005

6878 S. STATE ROUTE 100 • P.O. BOX 76 • MELMORE, OH 44845-9999
PHONE 419-397-2659 • 1-800-858-8869 • FAX 419-397-2229

ATEL

Aqua Tech Environmental Laboratories, Inc.

- CERTIFICATE OF ANALYSIS -

CAS Number	Parameter	Result	Typical Report Limit
75-35-4	1,1-Dichloroethene	< 0.005 mg/kg	0.005
156-59-2	cis-1,2-Dichloroethene	< 0.005 mg/kg	0.005
156-60-5	trans-1,2-Dichloroethene	< 0.005 mg/kg	0.005
78-87-5	1,2-Dichloropropane	< 0.005 mg/kg	0.005
10061-01-5	cis-1,3-Dichloropropene	< 0.005 mg/kg	0.005
10061-02-6	trans-1,3-Dichloropropene	< 0.005 mg/kg	0.005
100-41-4	Ethylbenzene	< 0.050 mg/kg	0.05
591-78-6	2-Hexanone	< 0.050 mg/kg	0.05
78-93-3	Methyl ethyl ketone	< 0.005 mg/kg	0.005
74-88-4	Methyl Iodide	< 0.050 mg/kg	0.05
108-10-1	4-Methyl-2-pentanone (MIBK)	< 0.005 mg/kg	0.005
75-09-2	Methylene chloride	< 0.005 mg/kg	0.005
100-42-5	Styrene	< 0.005 mg/kg	0.005
630-20-6	1,1,1,2-Tetrachloroethene	< 0.005 mg/kg	0.005
79-34-5	1,1,2,2-Tetrachloroethane	0.018 mg/kg	0.005
127-18-4	Tetrachloroethene	< 0.005 mg/kg	0.005
108-88-3	Toluene	< 0.005 mg/kg	0.005
71-55-6	1,1,1-Trichloroethane	< 0.005 mg/kg	0.005
79-00-5	1,1,2-Trichloroethane	< 0.005 mg/kg	0.005
79-01-6	Trichloroethene	< 0.005 mg/kg	0.005
75-69-4	Trichlorofluoromethane	< 0.005 mg/kg	0.005
96-18-4	1,2,3-Trichloropropane	< 0.050 mg/kg	0.05
108-05-4	Vinyl acetate	< 0.010 mg/kg	0.01
75-01-4	Vinyl chloride	< 0.010 mg/kg	0.01
	Xylene, Total		

EPA Method	Analyst	Prep Date	Analysis Date
160.3	JSM		10/10/00

CAS Number	Parameter	Result	Typical Report Limit
	Solids, Percent	75.9 %	

Lab Number MEL00-15455

Your Sample ID: L0010074-02

6878 S. STATE ROUTE 100 • P.O. BOX 76 • MELMORE, OH 44845-9999
PHONE 419-397-2659 • 1-800-858-8869 • FAX 419-397-2229

ATEL

Aqua Tech Environmental Laboratories, Inc.

- CERTIFICATE OF ANALYSIS -

--- Surrogate Recoveries ---

QC Lab#	EPA Method	Surrogate Name	Percent Recovery	Lower Limit	Upper Limit
MEL00-15455	8260	Bromofluorobenzene (BFB) (Surr)	95 %R	74	121
MEL00-15455	8260	Dibromofluoromethane (Surr)	95 %R	80	120
MEL00-15455	8260	Toluene-d8 (Surr)	102 %R	81	117

End of Report

Report Approved By: Wade T. DeLong

Wade T. DeLong

This report shall not be reproduced, except in its entirety, without the written approval of the laboratory.

Lab Number MEL00-15455

Your Sample ID: L0010074-02

6878 S. STATE ROUTE 100 • P.O. BOX 76 • MELMORE, OH 44845-9999
PHONE 419-397-2659 • 1-800-858-8869 • FAX 419-397-2229

L0010074

10/13/00

CONVERSE CONSULTANTS
731 Pilot Road, Suite H
Las Vegas, Nevada 89119
(702) 269-8336 • Fax: (702) 269-8353

CHAIN OF CUSTODY FORM

Client Name/Address: Converse Cons.

Project/PO Number: 00-43367-01

Project Manager: A. Moericke

Phone Number: 263-7600

Sampler: J. Watkins

Fax Number: 269-8353

	Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	Analysis Required: EPA 8260	Special Instructions
01	MW-5	Soil	Jar	1	10/3/00	—	X	
02	MW-6	↓	↓	1	10/3/00	—	X	

Custody Seal Intact: Y N None Temp: 8°

Condition when received: Poor Good

Relinquished By:	Date/Time:	Received By:	Date/Time:
Andrea Moericke	10/6/00 11:42	Andrea Flood	10/6/00 11:42
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

Turnaround Time: (Check)
- ☐ Same day
- ☐ 24 hours
- ☐ 48 hours
- ☐ 72 hours
- ☐ 5 days
- ☑ Normal

Sample Integrity: (Check)
- ☐ Intact
- ☑ On ice

Note: By relinquishing samples to Converse Consultants, client agrees to pay for the services requested on this chain of custody form and any additional analysis performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

NEL LABORATORIES
Reno • Las Vegas • Boise
Phoenix • Sacramento

Las Vegas Division
4208 Arcata Way, Suite A • Las Vegas, NV 89030
(702) 657-1010 • Fax: (702) 657-1577
1-888-368-3282

CLIENT: Converse Consultants
731 Pilot Road, Suite H
Las Vegas, NV 89119
ATTN: Andrea Moericke

PROJECT NAME: Maryland Square
PROJECT NUMBER: 00-43367-01

NEL ORDER ID: L0010049

Attached are the analytical results for samples in support of the above referenced project.

Samples submitted for this project were not sampled by NEL Laboratories. Samples were received by NEL in good condition, under chain of custody on 10/2/00.

Should you have any questions or comments, please feel free to contact our Client Services department at (702) 657-1010.

Stan Van Wagenen
Laboratory Manager

10/9/00
Date

CERTIFICATIONS:

	Reno	Las Vegas	S. California
Arizona	AZ0520	AZ0518	AZ0605
California	1707	2002	2264
US Army Corps of Engineers	Certified	Certified	

	Reno	Las Vegas	S. California
Idaho	Certified	Certified	
Montana	Certified	Certified	
Nevada	NV033	NV052	CA084
L.A.C.S.D.			10228

NEL LABORATORIES

CLIENT:	Converse Consultants	CLIENT ID:	MW-2 Soil
PROJECT ID:	Maryland Square	DATE SAMPLED:	10/2/00
PROJECT #:	00-43367-01	NEL SAMPLE ID:	L0010049-01
TEST:	**Volatile Organic Compounds by EPA 8260B, December 1996**		
METHOD:	EPA 8260B	EXTRACTED:	10/2/00
MATRIX:	Solid	ANALYZED:	10/2/00
DILUTION:	1	ANALYST:	CHG - Las Vegas Division

PARAMETER	Result µg/kg	Reporting Limit	PARAMETER	Result µg/kg	Reporting Limit
Acetone	ND	25. µg/kg	1,1-Dichloropropene	ND	5. µg/kg
Benzene	ND	5. µg/kg	cis-1,3-Dichloropropene	ND	5. µg/kg
Bromobenzene	ND	5. µg/kg	trans-1,3-Dichloropropene	ND	5. µg/kg
Bromochloromethane	ND	5. µg/kg	Ethylbenzene	ND	5. µg/kg
Bromodichloromethane	ND	5. µg/kg	Hexachlorobutadiene	ND	5. µg/kg
Bromoform	ND	5. µg/kg	2-Hexanone	ND	25. µg/kg
Bromomethane	ND	5. µg/kg	Iodomethane	ND	5. µg/kg
2-Butanone	ND	25. µg/kg	Isopropylbenzene	ND	5. µg/kg
n-Butylbenzene	ND	5. µg/kg	p-Isopropyltoluene	ND	5. µg/kg
sec-Butylbenzene	ND	5. µg/kg	Methylene chloride (Dichloromethane)	ND	5. µg/kg
tert-Butylbenzene	ND	5. µg/kg	4-Methyl-2-pentanone	ND	25. µg/kg
Carbon disulfide	ND	5. µg/kg	MTBE	ND	5. µg/kg
Carbon tetrachloride	ND	5. µg/kg	Naphthalene	ND	10. µg/kg
Chlorobenzene	ND	5. µg/kg	n-Propylbenzene	ND	5. µg/kg
Chloroethane	ND	5. µg/kg	Styrene	ND	5. µg/kg
Chloroform	ND	5. µg/kg	1,1,1,2-Tetrachloroethane	ND	5. µg/kg
Chloromethane	ND	5. µg/kg	1,1,2,2-Tetrachloroethane	ND	5. µg/kg
2-Chlorotoluene	ND	5. µg/kg	Tetrachloroethene (PCE)	120	5. µg/kg
4-Chlorotoluene	ND	5. µg/kg	Toluene	ND	5. µg/kg
Dibromochloromethane	ND	5. µg/kg	1,2,3-Trichlorobenzene	ND	5. µg/kg
1,2-Dibromo-3-chloropropane (DBCP)	ND	5. µg/kg	1,2,4-Trichlorobenzene	ND	5. µg/kg
1,2-Dibromoethane (EDB)	ND	5. µg/kg	1,1,1-Trichloroethane (1,1,1-TCA)	ND	5. µg/kg
Dibromomethane	ND	5. µg/kg	1,1,2-Trichloroethane (1,1,2-TCA)	ND	5. µg/kg
1,2-Dichlorobenzene (o-DCB)	ND	5. µg/kg	Trichloroethene (TCE)	ND	5. µg/kg
1,3-Dichlorobenzene (m-DCB)	ND	5. µg/kg	Trichlorofluoromethane (Freon 11)	ND	10. µg/kg
1,4-Dichlorobenzene (p-DCB)	ND	5. µg/kg	1,2,3-Trichloropropane	ND	5. µg/kg
Dichlorodifluoromethane (Freon 12)	ND	5. µg/kg	1,2,4-Trimethylbenzene	ND	5. µg/kg
1,1-Dichloroethane (1,1-DCA)	ND	5. µg/kg	1,3,5-Trimethylbenzene	ND	5. µg/kg
1,2-Dichloroethane (1,2-DCA)	ND	5. µg/kg	Vinyl chloride	ND	5. µg/kg
1,1-Dichloroethene (1,1-DCE)	ND	5. µg/kg	o-Xylene	ND	5. µg/kg
cis-1,2-Dichloroethene	ND	5. µg/kg	m,p-Xylene	ND	10. µg/kg
trans-1,2-Dichloroethene	ND	5. µg/kg			
1,2-Dichloropropane	ND	5. µg/kg			
1,3-Dichloropropane	ND	5. µg/kg			
2,2-Dichloropropane	ND	10. µg/kg			

QUALITY CONTROL DATA:

Surrogate	% Recovery	Acceptable Range
4-Bromofluorobenzene	99	74 - 121
Dibromofluoromethane	96	80 - 120
Toluene-d8	101	81 - 117

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT:	Converse Consultants	CLIENT ID:	MW-3 Soil
PROJECT ID:	Maryland Square	DATE SAMPLED:	10/2/00
PROJECT #:	00-43367-01	NEL SAMPLE ID:	L0010049-02
TEST:	**Volatile Organic Compounds by EPA 8260B, December 1996**		
METHOD:	EPA 8260B	EXTRACTED:	10/2/00
MATRIX:	Solid	ANALYZED:	10/2/00
DILUTION:	1	ANALYST:	CHG - Las Vegas Division

PARAMETER	Result µg/kg	Reporting Limit	PARAMETER	Result µg/kg	Reporting Limit
Acetone	ND	25. µg/kg	1,1-Dichloropropene	ND	5. µg/kg
Benzene	ND	5. µg/kg	cis-1,3-Dichloropropene	ND	5. µg/kg
Bromobenzene	ND	5. µg/kg	trans-1,3-Dichloropropene	ND	5. µg/kg
Bromochloromethane	ND	5. µg/kg	Ethylbenzene	ND	5. µg/kg
Bromodichloromethane	ND	5. µg/kg	Hexachlorobutadiene	ND	5. µg/kg
Bromoform	ND	5. µg/kg	2-Hexanone	ND	25. µg/kg
Bromomethane	ND	5. µg/kg	Iodomethane	ND	5. µg/kg
2-Butanone	ND	25. µg/kg	Isopropylbenzene	ND	5. µg/kg
n-Butylbenzene	ND	5. µg/kg	p-Isopropyltoluene	ND	5. µg/kg
sec-Butylbenzene	ND	5. µg/kg	Methylene chloride (Dichloromethane)	ND	5. µg/kg
tert-Butylbenzene	ND	5. µg/kg	4-Methyl-2-pentanone	ND	25. µg/kg
Carbon disulfide	ND	5. µg/kg	MTBE	ND	5. µg/kg
Carbon tetrachloride	ND	5. µg/kg	Naphthalene	ND	10. µg/kg
Chlorobenzene	ND	5. µg/kg	n-Propylbenzene	ND	5. µg/kg
Chloroethane	ND	5. µg/kg	Styrene	ND	5. µg/kg
Chloroform	ND	5. µg/kg	1,1,1,2-Tetrachloroethane	ND	5. µg/kg
Chloromethane	ND	5. µg/kg	1,1,2,2-Tetrachloroethane	ND	5. µg/kg
2-Chlorotoluene	ND	5. µg/kg	Tetrachloroethene (PCE)	ND	5. µg/kg
4-Chlorotoluene	ND	5. µg/kg	Toluene	ND	5. µg/kg
Dibromochloromethane	ND	5. µg/kg	1,2,3-Trichlorobenzene	ND	5. µg/kg
1,2-Dibromo-3-chloropropane (DBCP)	ND	5. µg/kg	1,2,4-Trichlorobenzene	ND	5. µg/kg
1,2-Dibromoethane (EDB)	ND	5. µg/kg	1,1,1-Trichloroethane (1,1,1-TCA)	ND	5. µg/kg
Dibromomethane	ND	5. µg/kg	1,1,2-Trichloroethane (1,1,2-TCA)	ND	5. µg/kg
1,2-Dichlorobenzene (o-DCB)	ND	5. µg/kg	Trichloroethene (TCE)	ND	5. µg/kg
1,3-Dichlorobenzene (m-DCB)	ND	5. µg/kg	Trichlorofluoromethane (Freon 11)	ND	10. µg/kg
1,4-Dichlorobenzene (p-DCB)	ND	5. µg/kg	1,2,3-Trichloropropane	ND	5. µg/kg
Dichlorodifluoromethane (Freon 12)	ND	5. µg/kg	1,2,4-Trimethylbenzene	ND	5. µg/kg
1,1-Dichloroethane (1,1-DCA)	ND	5. µg/kg	1,3,5-Trimethylbenzene	ND	5. µg/kg
1,2-Dichloroethane (1,2-DCA)	ND	5. µg/kg	Vinyl chloride	ND	5. µg/kg
1,1-Dichloroethene (1,1-DCE)	ND	5. µg/kg	o-Xylene	ND	5. µg/kg
cis-1,2-Dichloroethene	ND	5. µg/kg	m,p-Xylene	ND	10. µg/kg
trans-1,2-Dichloroethene	ND	5. µg/kg			
1,2-Dichloropropane	ND	5. µg/kg			
1,3-Dichloropropane	ND	5. µg/kg			
2,2-Dichloropropane	ND	10. µg/kg			

QUALITY CONTROL DATA:

Surrogate	% Recovery	Acceptable Range
4-Bromofluorobenzene	97	74 - 121
Dibromofluoromethane	96	80 - 120
Toluene-d8	100	81 - 117

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT:	Converse Consultants	CLIENT ID:	MW-4 Soil
PROJECT ID:	Maryland Square	DATE SAMPLED:	10/2/00
PROJECT #:	00-43367-01	NEL SAMPLE ID:	L0010049-03
TEST:	**Volatile Organic Compounds by EPA 8260B, December 1996**		
METHOD:	EPA 8260B	EXTRACTED:	10/2/00
MATRIX:	Solid	ANALYZED:	10/2/00
DILUTION:	1	ANALYST:	CHG - Las Vegas Division

PARAMETER	Result µg/kg	Reporting Limit	PARAMETER	Result µg/kg	Reporting Limit
Acetone	ND	25. µg/kg	1,1-Dichloropropene	ND	5. µg/kg
Benzene	ND	5. µg/kg	cis-1,3-Dichloropropene	ND	5. µg/kg
Bromobenzene	ND	5. µg/kg	trans-1,3-Dichloropropene	ND	5. µg/kg
Bromochloromethane	ND	5. µg/kg	Ethylbenzene	ND	5. µg/kg
Bromodichloromethane	ND	5. µg/kg	Hexachlorobutadiene	ND	5. µg/kg
Bromoform	ND	5. µg/kg	2-Hexanone	ND	25. µg/kg
Bromomethane	ND	5. µg/kg	Iodomethane	ND	5. µg/kg
2-Butanone	ND	25. µg/kg	Isopropylbenzene	ND	5. µg/kg
n-Butylbenzene	ND	5. µg/kg	p-Isopropyltoluene	ND	5. µg/kg
sec-Butylbenzene	ND	5. µg/kg	Methylene chloride (Dichloromethane)	ND	5. µg/kg
tert-Butylbenzene	ND	5. µg/kg	4-Methyl-2-pentanone	ND	25. µg/kg
Carbon disulfide	ND	5. µg/kg	MTBE	ND	5. µg/kg
Carbon tetrachloride	ND	5. µg/kg	Naphthalene	ND	10. µg/kg
Chlorobenzene	ND	5. µg/kg	n-Propylbenzene	ND	5. µg/kg
Chloroethane	ND	5. µg/kg	Styrene	ND	5. µg/kg
Chloroform	ND	5. µg/kg	1,1,1,2-Tetrachloroethane	ND	5. µg/kg
Chloromethane	ND	5. µg/kg	1,1,2,2-Tetrachloroethane	ND	5. µg/kg
2-Chlorotoluene	ND	5. µg/kg	Tetrachloroethene (PCE)	ND	5. µg/kg
4-Chlorotoluene	ND	5. µg/kg	Toluene	ND	5. µg/kg
Dibromochloromethane	ND	5. µg/kg	1,2,3-Trichlorobenzene	ND	5. µg/kg
1,2-Dibromo-3-chloropropane (DBCP)	ND	5. µg/kg	1,2,4-Trichlorobenzene	ND	5. µg/kg
1,2-Dibromoethane (EDB)	ND	5. µg/kg	1,1,1-Trichloroethane (1,1,1-TCA)	ND	5. µg/kg
Dibromomethane	ND	5. µg/kg	1,1,2-Trichloroethane (1,1,2-TCA)	ND	5. µg/kg
1,2-Dichlorobenzene (o-DCB)	ND	5. µg/kg	Trichloroethene (TCE)	ND	5. µg/kg
1,3-Dichlorobenzene (m-DCB)	ND	5. µg/kg	Trichlorofluoromethane (Freon 11)	ND	10. µg/kg
1,4-Dichlorobenzene (p-DCB)	ND	5. µg/kg	1,2,3-Trichloropropane	ND	5. µg/kg
Dichlorodifluoromethane (Freon 12)	ND	5. µg/kg	1,2,4-Trimethylbenzene	ND	5. µg/kg
1,1-Dichloroethane (1,1-DCA)	ND	5. µg/kg	1,3,5-Trimethylbenzene	ND	5. µg/kg
1,2-Dichloroethane (1,2-DCA)	ND	5. µg/kg	Vinyl chloride	ND	5. µg/kg
1,1-Dichloroethene (1,1-DCE)	ND	5. µg/kg	o-Xylene	ND	5. µg/kg
cis-1,2-Dichloroethene	ND	5. µg/kg	m,p-Xylene	ND	10. µg/kg
trans-1,2-Dichloroethene	ND	5. µg/kg			
1,2-Dichloropropane	ND	5. µg/kg			
1,3-Dichloropropane	ND	5. µg/kg			
2,2-Dichloropropane	ND	10. µg/kg			

QUALITY CONTROL DATA:

Surrogate	% Recovery	Acceptable Range
4-Bromofluorobenzene	96	74 - 121
Dibromofluoromethane	97	80 - 120
Toluene-d8	99	81 - 117

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT:	Converse Consultants	CLIENT ID:	**Method Blank**
PROJECT ID:	Maryland Square	DATE SAMPLED:	NA
PROJECT #:	00-43367-01	NEL SAMPLE ID:	001002SD60_1B-BLK
TEST:	**Volatile Organic Compounds by EPA 8260B, December 1996**		
METHOD:	EPA 8260B	ANALYST:	CHG - Las Vegas Division
MATRIX:	Solid	EXTRACTED:	10/2/00
		ANALYZED:	10/2/00

PARAMETER	Result µg/kg	Reporting Limit	PARAMETER	Result µg/kg	Reporting Limit
Acetone	ND	25 µg/kg	1,1-Dichloropropene	ND	5 µg/kg
Benzene	ND	5 µg/kg	cis-1,3-Dichloropropene	ND	5 µg/kg
Bromobenzene	ND	5 µg/kg	trans-1,3-Dichloropropene	ND	5 µg/kg
Bromochloromethane	ND	5 µg/kg	Ethylbenzene	ND	5 µg/kg
Bromodichloromethane	ND	5 µg/kg	Hexachlorobutadiene	ND	5 µg/kg
Bromoform	ND	5 µg/kg	2-Hexanone	ND	25 µg/kg
Bromomethane	ND	5 µg/kg	Iodomethane	ND	5 µg/kg
2-Butanone	ND	25 µg/kg	Isopropylbenzene	ND	5 µg/kg
n-Butylbenzene	ND	5 µg/kg	p-Isopropyltoluene	ND	5 µg/kg
sec-Butylbenzene	ND	5 µg/kg	Methylene chloride (Dichloromethane)	ND	5 µg/kg
tert-Butylbenzene	ND	5 µg/kg	4-Methyl-2-pentanone	ND	25 µg/kg
Carbon disulfide	ND	5 µg/kg	MTBE	ND	5 µg/kg
Carbon tetrachloride	ND	5 µg/kg	Naphthalene	ND	10 µg/kg
Chlorobenzene	ND	5 µg/kg	n-Propylbenzene	ND	5 µg/kg
Chloroethane	ND	5 µg/kg	Styrene	ND	5 µg/kg
Chloroform	ND	5 µg/kg	1,1,1,2-Tetrachloroethane	ND	5 µg/kg
Chloromethane	ND	5 µg/kg	1,1,2,2-Tetrachloroethane	ND	5 µg/kg
2-Chlorotoluene	ND	5 µg/kg	Tetrachloroethene (PCE)	ND	5 µg/kg
4-Chlorotoluene	ND	5 µg/kg	Toluene	ND	5 µg/kg
Dibromochloromethane	ND	5 µg/kg	1,2,3-Trichlorobenzene	ND	5 µg/kg
1,2-Dibromo-3-chloropropane (DBCP)	ND	5 µg/kg	1,2,4-Trichlorobenzene	ND	5 µg/kg
1,2-Dibromoethane (EDB)	ND	5 µg/kg	1,1,1-Trichloroethane (1,1,1-TCA)	ND	5 µg/kg
Dibromomethane	ND	5 µg/kg	1,1,2-Trichloroethane (1,1,2-TCA)	ND	5 µg/kg
1,2-Dichlorobenzene (o-DCB)	ND	5 µg/kg	Trichloroethene (TCE)	ND	5 µg/kg
1,3-Dichlorobenzene (m-DCB)	ND	5 µg/kg	Trichlorofluoromethane (Freon 11)	ND	10 µg/kg
1,4-Dichlorobenzene (p-DCB)	ND	5 µg/kg	1,2,3-Trichloropropane	ND	5 µg/kg
Dichlorodifluoromethane (Freon 12)	ND	5 µg/kg	1,2,4-Trimethylbenzene	ND	5 µg/kg
1,1-Dichloroethane (1,1-DCA)	ND	5 µg/kg	1,3,5-Trimethylbenzene	ND	5 µg/kg
1,2-Dichloroethane (1,2-DCA)	ND	5 µg/kg	Vinyl chloride	ND	5 µg/kg
1,1-Dichloroethene (1,1-DCE)	ND	5 µg/kg	o-Xylene	ND	5 µg/kg
cis-1,2-Dichloroethene	ND	5 µg/kg	m,p-Xylene	ND	10 µg/kg
trans-1,2-Dichloroethene	ND	5 µg/kg			
1,2-Dichloropropane	ND	5 µg/kg			
1,3-Dichloropropane	ND	5 µg/kg			
2,2-Dichloropropane	ND	10 µg/kg			

QUALITY CONTROL DATA:

Surrogate	% Recovery	Acceptable Range
4-Bromofluorobenzene	97	74 - 121
Dibromofluoromethane	94	80 - 120
Toluene-d8	98	81 - 117

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

Reno • Las Vegas
Phoenix • So. California

Las Vegas Division • 4208 Arcata Way, Ste. A • Las Vegas, NV 89030
(702) 657-1010 • FAX: (702) 657-1577 • 1-888-368-3282

CHAIN OF CUSTODY

NEL Work Order: C001001 & 41

Project Name: MARYLAND SQUARE
Project Number: 00-43367-01
Purchase Order Number:
Sampled By: John WATKINS

Company: Converse Consultants
Attention: ANDREA Moericke
Address: 731 Pilot Road, Suite H
LAS VEGAS, NV 89119
Phone Number: 263-7600
Fax Number: 269-8353
Billing Address:
Expected Due Date: 10/3

Requested Turnaround: ____ 5-day ____ 2-day ✓ 1-day ____ Other

Time/Date Sampled	Customer Sample Identification	N.E.L. Identification	# of Containers	Matrix (Box #1)	Preservative (Box #2)	Analysis: EPA Method 8260 (VOCs)	Remarks
0610/10-2-00	MW-2 soil	01	1	SD		X	
0830/10-2-00	MW-3 soil	02	1	SD		X	
1130/10-2-00	MW-4 soil	03	1	SD		X	

Custody Seal intact? Y N None Temp. 10°C
Condition when received good

Box #1: DW - Drinking Water; WW - Waste Water; OL - Oil/Organic Liquid; SD - Solid; AQ - Aqueous; A - Air

Box #2: A. HCl; B. HNO_3; C. H_2SO_4; D. NaOH; E. Ice Only; F. Other____; G. Not Preserved

Relinquished by (Print)	(Signature)	Date/Time	Received by (Print)	(Signature)	Date/Time
1 John Watkins	[signature]	10-2-00 / 1515	T. Sandlow	[signature]	10-2-00 / 1515
2					
3					

The liability of NEL Laboratories Inc. is limited strictly to the price of sample analysis for those samples received in good condition by NEL. NEL is not responsible for loss, damage, resampling costs and/or qualified data related to samples not received in good condition, including adequate sample volume and number of containers. Customer signature of this CoC constitutes a purchase order for NEL to perform work and constitutes acceptance of all NEL Standard Terms and Conditions. Signature also constitutes acceptance of NEL Standard List Prices for all services ordered here on, except those specified otherwise via an NEL Quotation for Testing Services in effect at the time of sample receipt. NEL turnaround times are measured in regular working days. Samples received at the laboratory after 16:30 will be considered received on the next working day. Commitment of laboratory to the requested turnaround time will be confirmed via Sample Confirmation transmitted to the fax number provided above.