

1252 Quarry Lane  
Pleasanton, CA 94566  
(415) 426-2600  
Fax (415) 426-0106

90 AUG 22 PM 2: 23

**Clayton**  
ENVIRONMENTAL  
CONSULTANTS

August 16, 1990

Clayton Project No. 28947

Mr. Vince Wong  
Manager Environmental Resources  
Zone 7 - Alameda County  
Flood Control & Water Conservation District  
5997 Parkside Drive  
Pleasanton, CA 94588

Subject: Treated Groundwater Discharge at  
5787 Scarlett Court  
Dublin, California

Dear Mr. Wong:

Clayton Environmental Consultants, Inc. was retained by Valley Nissan/Dodge to develop and implement a remediation program for its property located at 5787 Scarlett Court in Dublin, California. Based on Clayton's subsurface investigation performed in January 1990, Alameda County Department of Environmental Health (DEH) required groundwater extraction as part of the remediation program.

The subsurface investigation performed by Clayton included installation of four shallow monitoring wells to maximum depth of nineteen feet (Figure 1). When Clayton sampled groundwater from the four monitoring wells on January 26, 1990, a concentration of 3,000 micrograms per liter ( $\mu\text{g/L}$ ) of benzene was detected in monitoring well MW-2 (Appendix A). These monitoring wells were sampled again before commencing remedial activities. Laboratory results indicated the presence of 4,900  $\mu\text{g/L}$  benzene in the groundwater sample obtained from MW-2 (Appendix B). These concentrations are above the State of California Department of Health Services (DHS) action level of 0.7  $\mu\text{g/L}$  for groundwater.

Groundwater at the site is being treated onsite by air stripping and vapor is processed through activated carbon. Extracted groundwater is being stored and treated in closed-top tanks. The analytical results for the first tank of treated groundwater (7000 gallon) is included in Appendix C. The laboratory results indicate that none of the compounds identified in groundwater samples were present in that tank at

concentrations exceeding the California State Department of Health (DHS) action levels.

Based on these analytical results Clayton requests a permission to discharge up to 40,000 gallons of treated groundwater into the storm drain located along the west boundary of the property (Figure 2). This storm drain connects to storm drain channel G-5 which is concrete lined, and maintained by Zone 7. The water will be released at a controlled rate of less than 50 gallon per minute.

Please contact me or Mr. Dariush Dastmalchi at your earliest convenient time (415) 426-2600.

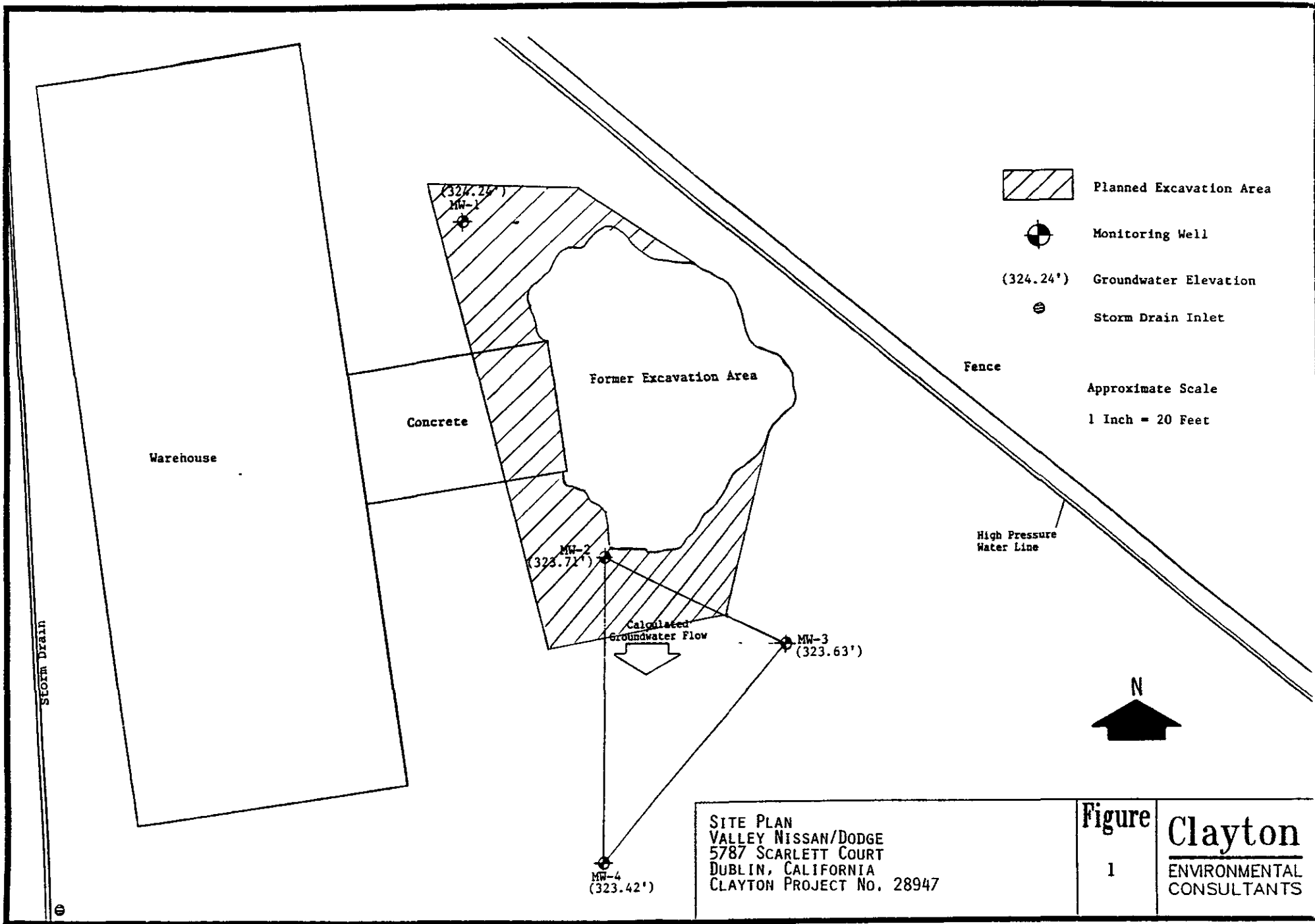
Sincerely



Frederick G. Moss  
Supervisor, Remediation Group  
Western Operations

Enclosure

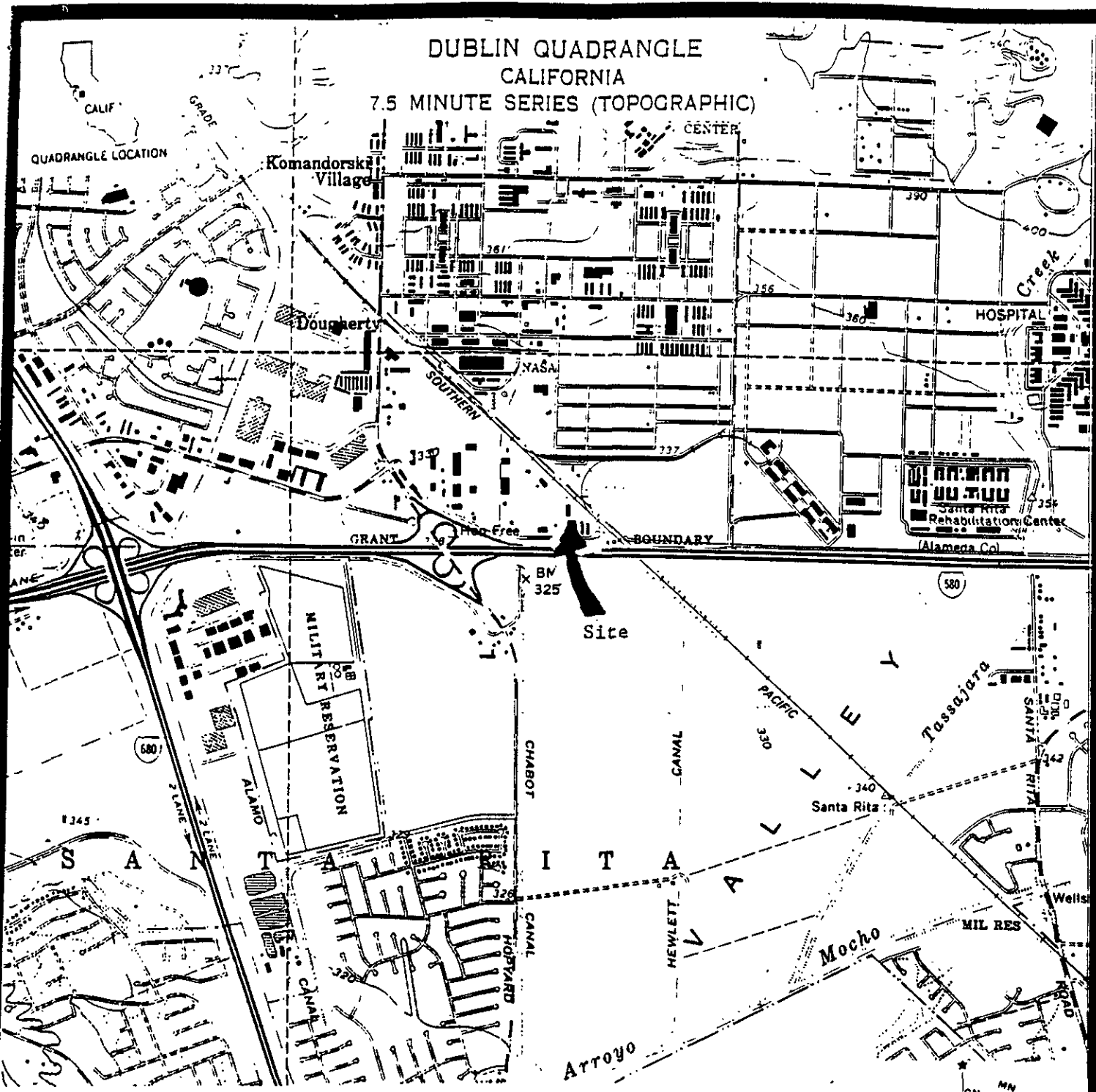
cc: Gil Wistar, Alameda County Department of Environmental Health  
Lester Feldman, Regional Water Quality Control Board



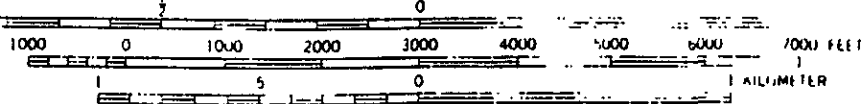
SITE PLAN  
 VALLEY NISSAN/DODGE  
 5787 SCARLETT COURT  
 DUBLIN, CALIFORNIA  
 CLAYTON PROJECT NO. 28947

Figure 1	<b>Clayton</b>
	ENVIRONMENTAL CONSULTANTS

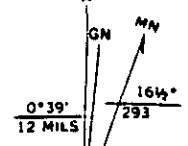
DUBLIN QUADRANGLE  
 CALIFORNIA  
 7.5 MINUTE SERIES (TOPOGRAPHIC)



SCALE 1:24,000



CONTOUR INTERVAL 40 FEET  
 DOTTED LINES REPRESENT 10-FOOT CONTOURS  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929



UTM GRID AND 1980 MAGNETIC NORTH  
 DECLINATION AT CENTER OF SHEET

**Clayton Environmental Consultants, Inc.**

Site Location Map  
 Valley Nissan/Volvo  
 Dublin, California

Figure

2

## APPENDIX A

# Clayton Environmental Consultants, Inc.

P.O. Box 9019 • 1252 Quarry Lane • Pleasanton, CA 94566 • (415) 426-2600

January 31, 1990

Mr. Dariush Dastmalchi  
CLAYTON ENVIRONMENTAL CONSULTANTS, INC.  
1252 Quarry Lane  
Pleasanton, CA 94566

Client Ref. No. 26389.00  
Work Order No. 9001223  
Lab Client Code INT\_EEP

Dear Mr. Dastmalchi:

Attached is our analytical laboratory report for the samples received on January 26, 1990. A copy of the Chain-of-Custody form acknowledging receipt of these samples is attached.

Please note that any unused portion of the samples will be disposed of 30 days after the date of this report, unless you have requested otherwise.

We appreciate the opportunity to be of assistance to you. If you have any questions, please contact Maryann Gambino, Client Services Representative, at (415) 426-2657.

Sincerely,



Ronald H. Peters, CIH  
Manager, Laboratory Services  
Western Operations

RHP/tb  
Attachments

EPA METHOD 8015/8020  
GASOLINE/BTEX

Sample I.D.: MW-1	Client: VALLEY NISSAN
Sample Received: 01/26/90	Client Ref. No.: 26389.00
Sample Analyzed: 01/30/90	Lab Client Code: INT_EEP
Sample Matrix: WATER	Lab No.: 9001223-01A

---

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Benzene	71-43-2	ND	0.4
Toluene	108-88-3	ND	0.3
Ethylbenzene	100-41-4	1.0	0.3
Xylenes	1330-20-7	1.0	0.4
Gasoline	-----	80	50

ND = Not detected at or above limit of detection

EPA METHOD 8015/8020  
GASOLINE/BTEX

Sample I.D.: MW-2

Client: VALLEY NISSAN

Sample Received: 01/26/90

Client Ref. No.: 26389.00

Sample Analyzed: 01/30/90

Lab Client Code: INT\_EEP

Sample Matrix: WATER

Lab No.: 9001223-02A

---

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Benzene	71-43-2	3,900	4
Toluene	108-88-3	14	3
Ethylbenzene	100-41-4	540	3
Xylenes	1330-20-7	540	4
Gasoline	-----	8,300	500

---

ND = Not detected at or above limit of detection



EPA METHOD 8015/8020  
GASOLINE/BTEX

Sample I.D.: MW-3 Client: VALLEY NISSAN  
Sample Received: 01/26/90 Client Ref. No.: 26389.00  
Sample Analyzed: 01/30/90 Lab Client Code: INT\_EEP  
Sample Matrix: WATER Lab No.: 9001223-03A

---

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Benzene	71-43-2	ND	0.4
Toluene	108-88-3	ND	0.3
Ethylbenzene	100-41-4	ND	0.3
Xylenes	1330-20-7	ND	0.4
Gasoline	-----	ND	50

ND = Not detected at or above limit of detection

EPA METHOD 8015/8020  
GASOLINE/BTEX

Sample I.D.: MW-4

Client: VALLEY NISSAN

Sample Received: 01/26/90

Client Ref. No.: 26389.00

Sample Analyzed: 01/30/90

Lab Client Code: INT\_EEP

Sample Matrix: WATER

Lab No.: 9001223-04A

---

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Benzene	71-43-2	ND	0.4
Toluene	108-88-3	ND	0.3
Ethylbenzene	100-41-4	ND	0.3
Xylenes	1330-20-7	ND	0.4
Gasoline	-----	ND	50

---

ND = Not detected at or above limit of detection

EPA METHOD 8015/8020  
GASOLINE/BTEX

Sample I.D.: METHOD BLANK

Client: VALLEY NISSAN

Sample Received: 01/26/90

Client Ref. No.: 26389.00

Sample Analyzed: 01/30/90

Lab Client Code: INT\_EEP

Sample Matrix: WATER

Lab No.: 9001223-06A

---

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Benzene	71-43-2	ND	0.4
Toluene	108-88-3	ND	0.3
Ethylbenzene	100-41-4	ND	0.3
Xylenes	1330-20-7	ND	0.4
Gasoline	-----	ND	50

---

ND = Not detected at or above limit of detection

## APPENDIX B

Western Operations

1252 Quarry Lane  
Pleasanton, CA 94566  
(415) 426-2600  
Fax (415) 426-0106

**Clayton**  
ENVIRONMENTAL  
CONSULTANTS

July 18, 1990

Mr. Alan Gibbs  
CLAYTON ENVIRONMENTAL CONSULTANTS, INC.  
1252 Quarry Lane  
Pleasanton, CA 94566

Client Ref. No. 28947.00  
Work Order No. 9007078  
Lab Client Code INT\_EEP

Dear Mr. Gibbs:

Attached is our analytical laboratory report for the samples received on July 12, 1990. A copy of the Chain-of-Custody form acknowledging receipt of these samples is attached.

Please note that any unused portion of the samples will be disposed of 30 days after the date of this report, unless you have requested otherwise.

We appreciate the opportunity to be of assistance to you. If you have any questions, please contact Maryann Gambino, Client Services Representative, at (415) 426-2657.

Sincerely,

*Maryann Gambino for*  
Ronald H. Peters, CIH  
Director, Laboratory Services  
Western Operations

RHP/tb  
Attachments

EPA METHOD 8015/8020  
 GASOLINE/BTEX

Sample I.D.: MW-1	Client: VALLEY NISSAN
Sample Received: 07/12/90	Client Ref. No.: 28947.00
Sample Analyzed: 07/12/90	Lab Client Code: INT_EEP
Sample Matrix: WATER	Lab No.: 9007078-01A

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Benzene	71-43-2	ND	0.4
Toluene	108-88-3	ND	0.3
Ethylbenzene	100-41-4	2.6	0.3
Xylenes	1330-20-7	ND	0.4
Gasoline	-----	ND	50

ND = Not detected at or above limit of detection

EPA METHOD 8015/8020  
 GASOLINE/BTEX

Sample I.D.: MW-2	Client: VALLEY NISSAN
Sample Received: 07/12/90	Client Ref. No.: 28947.00
Sample Analyzed: 07/17/90	Lab Client Code: INT_EEP
Sample Matrix: WATER	Lab No.: 9007078-02A

---

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Benzene	71-43-2	4,900	40
Toluene	108-88-3	ND	30
Ethylbenzene	100-41-4	750	30
Xylenes	1330-20-7	290	40
Gasoline	-----	12,000	5000

ND = Not detected at or above limit of detection

EPA METHOD 8015/8020  
 GASOLINE/BTEX

Sample I.D.: MW-3 Client: VALLEY NISSAN  
 Sample Received: 07/12/90 Client Ref. No.: 28947.00  
 Sample Analyzed: 07/12/90 Lab Client Code: INT\_EEP  
 Sample Matrix: WATER Lab No.: 9007078-03A

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Benzene	71-43-2	19	0.4
Toluene	108-88-3	ND	0.3
Ethylbenzene	100-41-4	ND	0.3
Xylenes	1330-20-7	ND	0.4
Gasoline	-----	ND	50

ND = Not detected at or above limit of detection



EPA METHOD 8015/8020  
 GASOLINE/BTEX

Sample I.D.: MW-4	Client: VALLEY NISSAN
Sample Received: 07/12/90	Client Ref. No.: 28947.00
Sample Analyzed: 07/12/90	Lab Client Code: INT_EEP
Sample Matrix: WATER	Lab No.: 9007078-04A

---

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Benzene	71-43-2	0.6	0.4
Toluene	108-88-3	ND	0.3
Ethylbenzene	100-41-4	ND	0.3
Xylenes	1330-20-7	ND	0.4
Gasoline	-----	ND	50

ND = Not detected at or above limit of detection

EPA METHOD 8015/8020  
 GASOLINE/BTEX

Sample I.D.: METHOD BLANK	Client: VALLEY NISSAN
Sample Received: 07/12/90	Client Ref. No.: 28947.00
Sample Analyzed: 07/12/90	Lab Client Code: INT_EEP
Sample Matrix: WATER	Lab No.: 9007078-06A

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Benzene	71-43-2	ND	0.4
Toluene	108-88-3	ND	0.3
Ethylbenzene	100-41-4	ND	0.3
Xylenes	1330-20-7	ND	0.4
Gasoline	-----	ND	50

ND = Not detected at or above limit of detection

# Clayton

ENVIRONMENTAL  
CONSULTANTS

A Marsh & McLennan Company

## REQUEST FOR LABORATORY ANALYTICAL SERVICES

For Clayton Use Only Page \_\_\_\_\_ of \_\_\_\_\_

Project No. 28777?

Batch No. 9002023

Client No. \_\_\_\_\_

Date Received 7/12/90 By TS

Date Logged In 7/12/90 By NJ

Purchase Order No. \_\_\_\_\_ Client Job No. \_\_\_\_\_

Name ALAN GIBBS (CEC PLEASE)

Company VALLEY NISSAN/DODGE Dept. \_\_\_\_\_

Address 5787 SCARLET CT

City, State, Zip DUBLIN, CA

Date Results Required: STANDARD 7/A Rush Charges Authorized?  Yes  No

REPORT RESULTS TO

Name ALAN GIBBS Title \_\_\_\_\_

Company CEC PLEASANTON Dept. \_\_\_\_\_

Mailing Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Telephone No. \_\_\_\_\_ Telefax No. \_\_\_\_\_

Special Instructions: (method, limit of detection, phone results, rush results, etc.)  
SEE ALAN FOR DET. LIMITS.

\* Explanation of Preservative: P-Hold

ANALYSIS REQUESTED  
(Enter an 'X' in the box below to indicate request; Enter a 'P' if Preservative added\*)

Number of Containers	/									
	THP (GAS) ETEX Hold									

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	MATRIX/MEDIA	AIR VOLUME (specify units)	Number of Containers	ANALYSIS REQUESTED										FOR LAB USE ONLY				
MW-1	7-11-90	H <sub>2</sub> O	840ml	1	X	X													01A
MW-1 DUPLICATE				1															↓B
MW-2				1	X	P	X												02A
MW-2 DUPLICATE				1															↓B
MW-3				1	X	P	X												03A
MW-3 DUPLICATE				1															↓B
MW-4				1	X	P	X												04A
MW-4 DUPLICATE				1															↓B
Trip Blank (06/290)				1															05A

CHAIN OF CUSTODY (if required)

Relinquished by: [Signature] Date/Time 7-11-90

Relinquished by: \_\_\_\_\_ Date/Time \_\_\_\_\_

Method of Shipment: \_\_\_\_\_

Authorized by: \_\_\_\_\_ Date \_\_\_\_\_  
(Client Signature Must Accompany Request)

Received by: \_\_\_\_\_ Date/Time \_\_\_\_\_

Received at lab by: Tony Salvo Date/Time 7:30 AM

Sample condition upon receipt: \_\_\_\_\_ Date/Time 7/12/90

Please return completed form and samples to one of the Clayton Environmental Consultants, Inc. labs listed below:

22345 Roethel Drive Novi, MI 48050 (313) 344-1770	Raritan Center 160 Fieldcrest Ave. Edison, NJ 08837 (201) 225-6040	400 Chastain Center Blvd., N.W. Suite 490 Kennesaw, GA 30144 (404) 499-7500	1252 Quarry Lane Pleasanton, CA 94566 (415) 426-2600
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DISTRIBUTION:

- WHITE - Clayton Laboratory
- YELLOW - Clayton Accounting
- PINK - Client Retains

## APPENDIX C

Western Operations

1252 Quarry Lane  
Pleasanton, CA 94566  
(415) 426-2600  
Fax (415) 426-0106

**Clayton**  
ENVIRONMENTAL  
CONSULTANTS

August 16, 1990

Mr. Dariush Dalstmalchi  
CLAYTON ENVIRONMENTAL CONSULTANTS, INC.  
1252 Quarry Lane  
Pleasanton, CA 94566

Client Ref. No. 28947.00  
Work Order No. 9008124  
Lab Client Code INT\_EEP

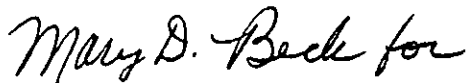
Dear Mr. Dalstmalchi:

Attached is our analytical laboratory report for the samples received on August 15, 1990. A copy of the Chain-of-Custody form acknowledging receipt of these samples is attached.

Please note that any unused portion of the samples will be disposed of 30 days after the date of this report, unless you have requested otherwise.

We appreciate the opportunity to be of assistance to you. If you have any questions, please contact Maryann Gambino, Client Services Supervisor, at (415) 426-2657.

Sincerely,



Ronald H. Peters, CIH  
Director, Laboratory Services  
Western Operations

RHP/dlv  
Attachments

EPA METHOD 8015/8020  
GASOLINE/BTEX

Sample I.D.: T-1-815

Client: VALLEY NISSAN/DODGE PHASE II

Sample Received: 08/15/90

Client Ref. No.: 28947.00

Sample Analyzed: 08/15/90

Lab Client Code: INT\_EEP

Sample Matrix: WATER

Lab No.: 9008124-01A

---

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Benzene	71-43-2	ND	0.4
Toluene	108-88-3	ND	0.3
Ethylbenzene	100-41-4	ND	0.3
Xylenes	1330-20-7	ND	0.4
Gasoline	-----	ND	50

---

ND = Not detected at or above limit of detection

EPA METHOD 8015/8020  
 GASOLINE/BTEX

Sample I.D.: METHOD BLANK  
 Sample Received: 08/15/90  
 Sample Analyzed: 08/15/90  
 Sample Matrix: WATER

Client: VALLEY NISSAN/DODGE PHASE II  
 Client Ref. No.: 28947.00  
 Lab Client Code: INT\_EEP  
 Lab No.: 9008124-02A

---

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Benzene	71-43-2	ND	0.4
Toluene	108-88-3	ND	0.3
Ethylbenzene	100-41-4	ND	0.3
Xylenes	1330-20-7	ND	0.4
Gasoline	-----	ND	50

ND = Not detected at or above limit of detection

# Clayton

## ENVIRONMENTAL CONSULTANTS

A Marsh & McLennan Company

### REQUEST FOR LABORATORY ANALYTICAL SERVICES

For Clayton Use Only	Page <u>1</u> of <u>1</u>	
Project No.	<u>2, 1476</u>	
Batch No.	<b>9008124</b>	
Client No.		
Date Received	<u>8-15-90</u>	By <u>TS</u>
Date Logged In	<u>↓</u>	By <u>↓</u>

Purchase Order No.		Client Job No.			
SEND INVOICE TO	Name <u>Same As Valley Nissan Phase II</u>	Dept.			
	Company	Dept.			
	Address				
	City, State, Zip				
Date Results Required: <u>8/16/90</u>		Rush Charges Authorized? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Special Instructions: (method, limit of detection, phone results, rush results, etc.)					
* Explanation of Preservative:					
CLIENT SAMPLE IDENTIFICATION		DATE SAMPLED	MATRIX/MEDIA	AIR VOLUME (specify units)	REPORT RESULTS TO  Name <u>Darwin Dastmeh</u> Title Company Mailing Address City, State, Zip Telephone No.      Telefax No.  ANALYSIS REQUESTED (Enter an 'X' in the box below to indicate request; Enter a 'P' if Preservative added*)  <u>TPH-9/15/90</u>  FOR LAB USE ONLY
<u>T-1-815</u>	<u>8/15/90</u>	<u>water</u>	<u>40ml</u>	<u>2</u>	
CHAIN OF CUSTODY (if required)	Relinquished by: <u>Darwin Dastmeh</u>	Date/Time: <u>8/15/90 12:30</u>	Received by: <u>Tony Sales</u>	Date/Time: <u>12:30pm</u>	
	Relinquished by:	Date/Time:	Received at lab by:	Date/Time: <u>8-15-90</u>	
	Method of Shipment:		Sample condition upon receipt: <u>ok</u>		
Authorized by: _____		Date: _____			
(Client Signature Must Accompany Request)					

Please return completed form and samples to one of the Clayton Environmental Consultants, Inc. labs listed below:

- |   |   |  |  |
|---|---|--|--|
| 22345 Roethel Drive<br>Novi, MI 48050<br>(313) 344-1770 | Raritan Center<br>160 Fieldcrest Ave.<br>Edison, NJ 08837<br>(201) 225-6040 | 400 Chastain Center Blvd., N.W.<br>Suite 490<br>Kennesaw, GA 30144<br>(404) 499-7500 | 1252 Quarry Lane<br>Pleasanton, CA 94566<br>(415) 426-2600 |
|---|---|--|--|

DISTRIBUTION:  
WHITE - Clayton Laboratory  
YELLOW - Clayton Accounting  
PINK - Client Retains