Northern California Office 5075 Commercial Circle Suite A
Concord, CA 94520 (925) 363-7322 Fax (925)363-7275

TERRA VAC

We're gaining new ground.

November 10, 1998

Attn: Ms. Susan Keach
Ora Loma Sanitary District
2600 Grant Avenue
San Lorenzo, CA 94580
FAX 510-276-1528

RE: October 1998 Discharge flows, Permit 90-025-91
21995 Foothill Boulevard, Hayward

Dear Ms. Keach:

Please find attached a table showing total discharge flows at the above site. The system was operated throughout October. A total of 111,227 gallons were treated and discharged between October 2nd and November 4th.

Monthly samples were collected for TPHg/ BTEX, COD, SS and pH from the effluent discharge on October 23, 1998. The laboratory reports follow, indicating no detectable TPHg/BTEX in the discharge, COD of 54 mg/L, and non-detectable TSS. The pH was measured in the field at 7.33.

If you have any questions, please call me at (925) 363-7322.

Sincerely,
Terra Vac

Robert A. Dahl
Project Manager

cc: Phil Briggs, Chevron
file 30-0236.16.03

Table 1
Sewer Discharge Flows
Permit 90-025-91
Chevron Corporation
21995 Foothill Boulevard
Hayward, CA

Date	Totalizer Rdg.	Gallons discharged/month	Total gallons dischaged
November 5, 1997	1,070,524	0	0
December 1, 1997	1,084,405	13,881	13,881
December 29, 1997	1,139,690	55,285	69,166
January 29, 1998	1,313,330	173,640	242,806
March 3, 1998	1,549,400	236,070	478,876
April.14, 1998	1,647,667	98,267	577,143
May 1, 1998	1,691,330	43,663	620,806
July 16, 1998	1,692,341		621,817
July 31, 1998	1,760,576	68,235	690,052
August 24, 1998	1,872,757	112,181	802,233
October 2, 1998	2,017,362	144,605	946,838
November 4, 1998	2,128,589	111,227	1,058,065

Sequoia Analytical

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Terra Vac
5075 Commercial Circle,Unit A
Concord, CA 94520

Attention: Tony Dahl

Client Proj. ID: Chevron 9-0260/30-0236

Lab Proj. ID: 9810H86

Sampled: 10/23/98
Received: 10/23/98
Analyzed: see below

Reported: 11/04/98

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9810H86-03 Sample Desc : **LIQUID,EFF-B**				
Chemical Oxygen Demand	**mg/L**	**10/30/98**	**20**	**54**
Lab No: 9810H86-04 Sample Desc : **LIQUID,EFF-C**				
Total Suspended Solids	mg/L	10/28/98	1.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

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Terra Vac	Client Proj. ID: Chevron 9-0260/30-0236	Sampled: 10/23/98
5075 Commercial Circle,Unit A	Sample Descript: INF	Received: 10/23/98
Concord, CA 94520	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 10/29/98
Attention: Tony Dahl	Lab Number: 9810H86-01	Reported: 11/04/98

QC Batch Number: GC102998BTEX17A
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**1000**	**2700**
Benzene	**10**	**18**
Toluene	**10**	**30**
Ethyl Benzene	10	N.D.
Xylenes (Total)	**10**	**310**
Chromatogram Pattern:		**GAS**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	90

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

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Terra Vac	Client Proj. ID: Chevron 9-0260/30-0236	Sampled: 10/23/98
5075 Commercial Circle,Unit A	Sample Descript: EFF-A	Received: 10/23/98
Concord, CA 94520	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 11/01/98
Attention: Tony Dahl	Lab Number: 9810H86-02	Reported: 11/04/98

QC Batch Number: GC110198BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	106

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

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Terra Vac	Client Proj. ID: Chevron 9-0260/30-0236	Received: 10/23/98
5075 Commercial Circle,Unit A Concord, CA 94520 Attention: Tony Dahl	Lab Proj. ID: 9810H86	Reported: 11/04/98

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 4 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

TPH-GAS/BTEX:
Sample 9810H86-01 was diluted 20-fold.

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

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Terra Vac
5075 Commercial Circle, Unit A
Concord, CA 94520
Attention: Tony Dahl

Client Project ID: Chevron 9-0260/30-0236

QC Sample Group: 9810H86-01

Reported: Nov 4, 1998

QUALITY CONTROL DATA REPORT

Matrix:	Liquid			
Method:	EPA 8020			
Analyst:	GR/MM			
ANALYTE	Benzene	Toluene	Ethylbenzene	Xylenes
QC Batch #:	GC102998BTEX17A			
Sample No.:	GW9810D28-1			
Date Prepared:	10/29/98	10/29/98	10/29/98	10/29/98
Date Analyzed:	10/29/98	10/29/98	10/29/98	10/29/98
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Sample Conc., ug/L:	N.D.	N.D.	N.D.	N.D.
Conc. Spiked, ug/L:	10	10	10	30
Matrix Spike, ug/L:	8.4	8.1	8.5	23
% Recovery:	84	81	85	78
Matrix Spike Duplicate, ug/L:	9.1	8.8	9.1	25
% Recovery:	91	88	91	84
Relative % Difference:	8.0	8.3	6.8	7.4
RPD Control Limits:	0-25	0-25	0-25	0-25

LCS Batch#:	GWLCS102998A			
Date Prepared:	10/29/98	10/29/98	10/29/98	10/29/98
Date Analyzed:	10/29/98	10/29/98	10/29/98	10/29/98
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked, ug/L:	10	10	10	30
LCS Recovery, ug/L:	8.9	8.6	9.0	25
LCS % Recovery:	89	86	90	83

Percent Recovery Control Limits:

MS/MSD	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

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Terra Vac
5075 Commercial Circle, Unit A
Concord, CA 94520
Attention: Tony Dahl

Client Project ID: Chevron 9-0260/30-0236

QC Sample Group: 9810H86-02

Reported: Nov 4, 1998

QUALITY CONTROL DATA REPORT

Matrix:	Liquid				
Method:	EPA 8020				
Analyst:	AM				
ANALYTE	Benzene	Toluene	Ethylbenzene	Xylenes	
QC Batch #:	GC110198BTEX21A				
Sample No.:	GW9810G53-01				
Date Prepared:	10/31/98	10/31/98	10/31/98	10/31/98	
Date Analyzed:	10/31/98	10/31/98	10/31/98	10/31/98	
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21	
Sample Conc., ug/L:	N.D.	N.D.	N.D.	N.D.	
Conc. Spiked, ug/L:	10	10	10	30	
Matrix Spike, ug/L:	9.6	9.6	9.2	28	
% Recovery:	96	96	92	93	
Matrix Spike Duplicate, ug/L:	8.5	8.7	8.5	26	
% Recovery:	85	87	85	87	
Relative % Difference:	12	9.8	7.9	6.7	
RPD Control Limits:	0-25	0-25	0-25	0-25	

LCS Batch#:	GC110198BTEX21A			
Date Prepared:	11/1/98	11/1/98	11/1/98	11/1/98
Date Analyzed:	11/1/98	11/1/98	11/1/98	11/1/98
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked, ug/L:	10	10	10	30
LCS Recovery, ug/L:	9.2	9.1	9.0	28
LCS % Recovery:	92	91	90	93

Percent Recovery Control Limits:

MS/MSD	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Please Note:

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Terra Vac
5075 Commercial Circle, Unit A
Concord, CA 94520
Attention: Tony Dahl

Client Project ID: Chevron 9-0260/30-0236

QC Sample Group: 9810H86-03

Reported: Nov 4, 1998

QUALITY CONTROL DATA REPORT

Matrix:	Liquid
Method:	EPA 410.4
Analyst:	K. Sims
ANALYTE	Chemical Oxygen Demand

QC Batch #: IN103098410400A

Sample No.:	9810J25-01
Date Prepared:	10/30/98
Date Analyzed:	10/30/98
Instrument I.D.#:	MANUAL
Sample Conc., mg/L:	360
Conc. Spiked, mg/L:	100
Matrix Spike, mg/L:	480
% Recovery:	120
Matrix Spike Duplicate, mg/L:	440
% Recovery:	80
Relative % Difference:	40
RPD Control Limits:	0-20

LCS Batch#: LCS103098A

Date Prepared:	10/30/98
Date Analyzed:	10/30/98
Instrument I.D.#:	MANUAL
Conc. Spiked, mg/L:	100
LCS Recovery, mg/L:	110
LCS % Recovery:	110

Percent Recovery Control Limits:

MS/MSD	75-125
LCS	80-120

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

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Terra Vac
5075 Commercial Circle, Unit A
Concord, CA 94520
Attention: Tony Dahl

Client Project ID: Chevron 9-0260/30-0236

QC Sample Group: 9810H86-04

Reported: Nov 4, 1998

QUALITY CONTROL DATA REPORT

Matrix:	Liquid
Method:	EPA 160.2
Analyst:	RDave
ANALYTE	Total Suspended Solids

QC Batch #: IN102898160200A

Sample No.: 9810H86-04A
Date Prepared: 10/28/98
Date Analyzed: 10/29/98
Instrument I.D.#: Manual

Sample Concentration, mg/L:	< 1.0
Duplicate Concentration, mg/L:	< 1.0
Relative % Difference:	N/A
RPD Control Limits:	0-20

Percent Recovery Control Limits:

LCS	80-120

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Please Note:
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Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

02 FEB 00

Chevron Facility Number 9-0260
Facility Address 21995 Foothill Blvd, Hayward
Consultant Project Number 30-0236
Consultant Name Terra Vac
Address 5015 Commercial Circle Unit A Concord 94520
Project Contact (Name) Tony Nahl
(Phone) 925 363 7322 (Fax Number) 925 363 7275

SAME DAY
CHARGE

Chevron Contact (Name) Phil Briggs
(Phone) 925 842 9136
Laboratory Name Sequoia
Laboratory Release Number 9706 E4
Samples Collected by (Name) Mike Lynch
Collection Date 10/23/98
Signature Mike Lynch

Analyses To Be Performed 9810H86

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Blank	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	COD	Total Suspended Solids			Remarks
INF	a	3	W	G	1411	HCl	N	✓												on site 50min.
Eff-A	02	3	W	G	1425	HCl	N	✓												
Eff-B	03	2	W	G	1425	H_2SO_4 1:1	N									✓				
Eff-C	04	1	W	G	1425	None	N										✓			

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Turn Around Time (Circle Choice)
Mike Lynch	Terra Vac	10/23/98 1439		Sequoia	10/23/98 1455	24 Hrs.
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	48 Hrs.
	Sequoia	10/23/98				5 Days
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	10 Days
			Anna DeLuna		10/23/98 1620	As Contracted