



NATIONAL
ENVIRONMENTAL
TESTING, INC.®

NET Pacific, Inc.
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John C. Hom
John C. Hom & Assoc., Inc.
1618 Second St
San Rafael, CA 94901


Date: 12/16/1991
NET Client Acct No: 58900
NET Pacific Log No: 91.0823
Received: 11/21/1991

Client Reference Information

John Hom-Lake Chabot Rd.

Sample analysis in support of the project referenced above has been completed and results are presented on following pages. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Should you have questions regarding procedures or results, please feel welcome to contact Client Services.

Approved by:



Jules Skamarack
Laboratory Manager

JS:rct
Enclosure(s)



NET Pacific, Inc

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Descriptor, Lab No. and Results

Parameter	Method	Reporting Limit	Descriptor, Lab No. and Results		Units
			MW-1 105896	MW-4 105897	
TPH (Gas/BTXE,Liquid)			--	--	
METHOD 5030 (GC,FID)					
DATE ANALYZED			12-03-91	12-03-91	
DILUTION FACTOR*			1	1	
as Gasoline		0.05	0.29	ND	mg/L
METHOD 8020 (GC,Liquid)			--	--	
DATE ANALYZED			12-03-91	12-03-91	
DILUTION FACTOR*			1	1	
Benzene		0.5	16	ND	ug/L
Ethylbenzene		0.5	ND	ND	ug/L
Toluene		0.5	1.6	ND	ug/L
Xylenes (Total)		0.5	15	ND	ug/L

TPH-G 290
 B 16
 E ND
 T 1.6
 X 15



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Descriptor, Lab No. and Results

Parameter	Method	Reporting Limit	Descriptor, Lab No. and Results		Units
			MW-2 105898	MW-3 105899	
TPH (Gas/BTXE,Liquid)			--	--	
METHOD 5030 (GC,FID)					
DATE ANALYZED			12-03-91	12-03-91	
DILUTION FACTOR*			1	1	
as Gasoline		0.05	ND	ND	mg/L
METHOD 8020 (GC,Liquid)			--	--	
DATE ANALYZED			12-03-91	12-03-91	
DILUTION FACTOR*			1	1	
Benzene		0.5	ND	ND	ug/L
Ethylbenzene		0.5	ND	ND	ug/L
Toluene		0.5	ND	ND	ug/L
Xylenes (Total)		0.5	ND	ND	ug/L



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QUALITY CONTROL DATA

<u>Parameter</u>	<u>Reporting Limits</u>	<u>Units</u>	<u>Cal Verf Stand % Recovery</u>	<u>Blank Data</u>	<u>Spike % Recovery</u>	<u>Duplicate Spike % Recovery</u>	<u>RPD</u>
Gasoline	0.05	mg/L	95	ND	93	93	<1
Benzene	0.5	ug/L	99	ND	96	101	5.3
Toluene	0.5	ug/L	109	ND	102	109	6.2

COMMENT: Blank Results were ND on other analytes tested.



NET Pacific, Inc

KEY TO ABBREVIATIONS and METHOD REFERENCES

- < : Less than; When appearing in results column indicates analyte not detected at the value following. This datum supercedes the listed Reporting Limit.
- * : Reporting Limits are a function of the dilution factor for any given sample. To obtain the actual reporting limits for this sample, multiply the stated Reporting Limits by the dilution factor (but do not multiply reported values).
- ICVS : Initial Calibration Verification Standard (External Standard).
- mean : Average; sum of measurements divided by number of measurements.
- mg/Kg (ppm) : Concentration in units of milligrams of analyte per kilogram of sample, wet-weight basis (parts per million).
- mg/L : Concentration in units of milligrams of analyte per liter of sample.
- mL/L/hr : Milliliters per liter per hour.
- MPN/100 mL : Most probable number of bacteria per one hundred milliliters of sample.
- N/A : Not applicable.
- NA : Not analyzed.
- ND : Not detected; the analyte concentration is less than applicable listed reporting limit.
- NTU : Nephelometric turbidity units.
- RPD : Relative percent difference, $100 \text{ [Value 1 - Value 2]}/\text{mean value}$.
- SNA : Standard not available.
- ug/Kg (ppb) : Concentration in units of micrograms of analyte per kilogram of sample, wet-weight basis (parts per billion).
- ug/L : Concentration in units of micrograms of analyte per liter of sample.
- umhos/cm : Micromhos per centimeter.

Method References

Methods 100 through 493: see "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

Methods 601 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants" U.S. EPA, 40 CFR, Part 136, rev. 1988.

Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd edition, 1986.

SM: see "Standard Methods for the Examination of Water & Wastewater, 16th Edition, APHA, 1985.

CHAIN OF CUSTODY RECORD

2291

PROJ. NO.		PROJECT NAME					NO. OF CONTAINERS	REMARKS									
SAMPLERS: (Signature)																	
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION												
	11-21-91	1115		-	MW-1	3	X	EAS-BTEX									
		1320		-	MW-4	3	X										
		1400		-	MW-2	3	X										
		1440		-	MW-3	3	X										
Relinquished by: (Signature)		Date / Time		Received by: (Signature)			Relinquished by: (Signature)		Date / Time		Received by: (Signature)						
Michael Gentry		11-21-91 1652															
Relinquished by: (Signature)		Date / Time		Received by: (Signature)			Relinquished by: (Signature)		Date / Time		Received by: (Signature)						
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)			Date / Time		Remarks								
				K. Sample			11/21/91 1652										

NCA

11-21-91

Client: John Horn
 1618 2nd St
 San Rafael CA 94901

Contract: Same as above

Phone: 415/258-9027

Site: 19010-19051 Lake Chabot Rd.
 Castro Valley, CA
 (Map on file)

Analytes: Gas - BTXB

Well Measurements:

Well #	TD	DTW	WC	CS	PV
MW-1	19.55'	14.29'	5.26'	2"	0.86 gal
MW-2	16.35'	7.85'	8.50'	2"	1.39 gal
MW-3	19.15'	8.57'	10.58'	2"	1.73 gal
MW-4	20.70'	11.29'	9.41'	2"	1.54 gal

Purge Data:

MW-1 Purge Vol.: 0.86 gal ~ 80% Recharge @ 15.34'

	P1	P2	P3	P4
OC	17.2	17.7	17.5	17.6
MS	16.77	16.18	16.15	16.22
pH	7.0	7.0	7.0	7.0

Sample collected: 11-21-91 1115

John Tom cont

MW-4 P.V. 1.54 gal 80% recharge @ 13.17'

	<u>P1</u>	<u>P2</u>	<u>P3</u>	<u>P4</u>
OC	18.0	18.3	18.0	18.1
US	1610	1623	1621	1622
pH	7.0	7.0	7.0	7.0

Sample collected: 11-21-91 1320

MW-2 PV 1.39 gal 80% recharge @ 9.55'

	<u>P1</u>	<u>P2</u>	<u>P3</u>	<u>P4</u>
OC	18.2	17.9	17.9	17.9
US	1848	1843	1829	1813
pH	7.0	7.0	7.0	7.0

Sample collected: 11-21-91 1400

MW-3 PV: 1.73 gal 50% recharge @ 10.69'

	<u>P1</u>	<u>P2</u>	<u>P3</u>	<u>P4</u>
OC	17.1	17.2	17.2	17.1
US	1433	1432	1427	1429
pH	7.0	7.0	7.0	7.0

Sample collected 11-21-91 1440

John Hom Properties
19101 - 19051 Lake Chabot Rd
Castro Valley, CA

ROADWAY

NEW
HOUSE

EMPTY LOT

GATE

WOODEN DECK

CONCRETE

MW-4

PURGE WATER DRUMS

MW-1

MW-2

RED
HOUSE

CONCRETE
DRAINAGE
DITCHES

MW-3

GARAGE

OLD
HOUSE

GATE

ROADWAY

LAKE CHABOT RD

