

P091494

AMERICAN ENVIRONMENTAL NETWORK (AEN)
(FORMERLY QUANTEQ)
PRELIMINARY REPORT

AMERICAN ENVIRONMENTAL NETWORK
3440 VINCENT ROAD
PLEASANT HILL, CA 94523

FAX NO: (510) 930-0256

PHONE NO: (510) 930-9090

DATE: 8/31/93 # OF PAGES (Including cover) 9

REPLY REQUESTED:
(circle request)

NO

YES

URGENT

FAX REPLY

PHONE REPLY

FYI

TO: Michael Stoll
Levine and Fricke

FROM: Robin Byars

AEN PROJ NO: 9308234

CLIENT PROJ NO: 2968

- FINAL RESULTS
- PARTIAL RESULTS
- PRELIMINARY RESULTS

COMMENTS:

DATE: 08/20/93 SAMPLE ID: 922-1.5 STORED: E-4.5-A
 TEST: 8030/3030 TPCM/TEX - 8011 COLLECTED: 08/19/93

DATE RUN: 08/20/93
 INSTRUMENT: H
 AA CONC FACTOR: 100,500
 UNITS: $\mu\text{g}/\text{kg}; \text{ng}/\text{kg}$
 PAGE: -

PARAMETER	RESULT	LIMIT	UNITS
Benzene	23,000	5	$\mu\text{g}/\text{kg}$
71-43-2			
Toluene	200,000		
108-88-3			
Ethylbenzene	55,000		
100-41-4			
Xylenes, total	330,000	↓	↓
1330-20-7			
Gasoline	2100	0.2	ng/kg

DATE: 08/20/93 SAMPLE ID: 922-1.5 STORED: E-4.5-A
 TEST: 8030/3030 TPCM/TEX - 8011 COLLECTED: 08/19/93

DATE RUN: 08/20/93
 INSTRUMENT: H
 AA CONC FACTOR: 1000
 UNITS: $\mu\text{g}/\text{kg}; \text{ng}/\text{kg}$
 PAGE: -

PARAMETER	RESULT	LIMIT	UNITS
Benzene	14,000	5	$\mu\text{g}/\text{kg}$
71-43-2			
Toluene	250,000		
108-88-3			
Ethylbenzene	130,000		
100-41-4			
Xylenes, total	680,000	↓	↓
1330-20-7			
Gasoline	4300	0.2	ng/kg

PAGE 4

NEW CALIFORNIA

DATA SHEET

ORD # 93-00-234-00

RECEIVED: 08/20/93

STEADY RESULTS BY FRACTION

PAGE 118 SAMPLE ID SF-7.8 STORED 2-1,2-A
TEST 8020/5000 TPA/WTR - WQ1 COLLECTED 08/19/93

DATE RUN 08/31/93
INSTRUMENT H
CONC FACTOR 500
UNITS ug/kg; ug/kg
PAGE -

PARAMETER	RESULT	LIMIT	UNITS
Benzene 71-43-2	<u>4800</u>	<u>5</u>	<u>ug/kg</u>
Toluene 108-88-3	<u>120,000</u>	<u>↓</u>	<u>↓</u>
Ethylbenzene 100-41-4	<u>61,000</u>	<u>↓</u>	<u>↓</u>
Xylenes, total 133-20-7	<u>340,000</u>	<u>↓</u>	<u>↓</u>
Gasoline	<u>1500</u>	<u>0.2</u>	<u>ug/kg</u>

PAGE 2
RECEIVED: 08/20/93

AER California DATA SHEET
STEERING RESULTS BY FRACTION

ORD # 93-08-224-00

DASH 02A SAMPLE ID 894-1.1 STORED E-4.5-A
TEST 8020/5010 TPHs/BTEX - soil COLLECTED 08/11/93

DATE RUN 08/30/93
INSTRUMENT H
CONC FACTOR 250
UNITS $\mu\text{g}/\text{kg}; \text{mg}/\text{kg}$
PAGE

PARAMETER	RESULT	LIMIT	UNITS
Benzene	11,000	5	$\mu\text{g}/\text{kg}$
71-43-2			
Toluene	51,000		
108-88-3			
o-xylidene	39,000		
100-41-4			
Xylenes, total	210,000		
1330-20-7			
Gasoline	1100	0.2	mg/kg

DASH 02A SAMPLE ID 895-1.5 STORED E-4.5-A
TEST 8020/5010 TPHs/BTEX - soil COLLECTED 08/12/93

DATE RUN 08/30/93
INSTRUMENT H
CONC FACTOR 5
UNITS $\mu\text{g}/\text{kg}; \text{mg}/\text{kg}$
PAGE

PARAMETER	RESULT	LIMIT	UNITS
Benzene	250	5	$\mu\text{g}/\text{kg}$
71-43-2			
Toluene	ND		
108-88-3			
o-xylidene	270		
100-41-4			
Xylenes, total	830		
1330-20-7			
Gasoline	3.2	0.2	mg/kg

PAGE 3

AM California

DATA SHEET

ORD # 91-04-114-05

RECEIVED: 08/20/93

STENCH RESULTS BY FRACTION

DASH 02A SAMPLE ID 986-2.5 STORED 2-4, 5-8
 TEST 9020/5030 TPH/STPH - soil COLLECTED 08/10/93

DATE RUN 08/27/08/31/93
 INSTRUMENT H
 CONC FACTOR 1.50
 UNITS ug/Kg; mg/Kg
 PAGE ---

PARAMETER	RESULT	LIMIT	UNITS
Benzene	<u>2800</u>	<u>5</u>	<u>mg/Kg</u>
71-43-2			
Toluene	<u>14,000</u>		
108-88-3			
Ethylbenzene	<u>5900</u>		
100-41-4			
Xylenes, total	<u>26,000</u>	<u>↓</u>	<u>↓</u>
1330-70-7			
Gasoline	<u>160</u>	<u>0.2</u>	<u>mg/Kg</u>

DASH 02A SAMPLE ID 986-2.5 STORED 2-4, 5-8
 TEST 9020/5030 TPH/STPH - soil COLLECTED 08/10/93

DATE RUN 08/31/93
 INSTRUMENT H
 CONC FACTOR 500
 UNITS ug/Kg; mg/Kg
 PAGE ---

PARAMETER	RESULT	LIMIT	UNITS
Benzene	<u>14,000</u>	<u>5</u>	<u>mg/Kg</u>
71-43-2			
Toluene	<u>210,000</u>		
108-88-3			
Ethylbenzene	<u>80,000</u>		
100-41-4			
Xylenes, total	<u>430,000</u>	<u>↓</u>	<u>↓</u>
1330-70-7			
Gasoline	<u>2100</u>	<u>0.2</u>	<u>mg/Kg</u>

PAGE 3
RECEIVED: 08/30/93

AM California

DATA SHEET

ORD # 93-08-214-00

STEAM RESULTS BY FRACTION

DASH 843 SAMPLE ID 381-0W STORED E-3, E-1
TKST 8020/5030 175% BTX - 320 COLLECTED 08/19/93

BTX AND HYDROCARBONS

METHOD: EPA 8020, 5030 CCFTD

COMPOUND	CAS #	CONCENTRATION (ug/g)	REPORTING LIMIT (ug/L) (default)
Benzene	71-43-2	<u>0.7</u>	_____ (0.5)
Toluene	108-88-3	<u>ND</u>	_____ (0.5)
Ethylbenzene	100-41-4	<u>ND</u>	_____ (0.5)
Xylenes, Total	1000-20-7	<u>ND</u>	_____ (2)

PURGEABLE HYDROCARBONS:

as Gasoline 120 _____ (0.05 mg/L)
0.12 mg/L

DATE ANALYZED: 8/31/93

DILUTION FACTOR: 1

INSTRUMENT: F

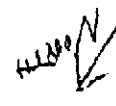
GRANT AVENUE

2968

FIGURE 2 SITE PLAN
ORO LOMA SANITARY DISTRICT
GASOLINE STATION AREA
2600 GRANT AVENUE
SAN LORENZO (ALIFRADA)

(Ver 2)

Ver 1
Loc
field



20'

8/19/93: 6 Borep
8 Borep
3X12

Exam Clinch
Say 80 x 100 x 10
= 2962 sq

STORAGE TANK
GASOLINE UNDERGROUND
CAPACITY
100 GALLON
GASOLINE FUEL
DISPENSED

S86
S87
S88
S89
S90
S91
S92
S93
S94
S95
S96
S97
S98
S99
S100

9/12/94

BUILDING

PROJECT:

CHECKED BY:

COMPUTED BY:

DATE:

JOB NO.:

SHEET OF

PROPERTY LINE



PAGE 6

AM California

DATA SHEET

ORD # 93-08-234-GC

RECEIVED: 08/10/93

EXTRON RESULTS BY FRACTION

DASH 060 SAMPLE ID 224-07 STORED R-1.E-1
 TEST 8020/8028 TMSO/STEX - 422 COLLECTED 08/18/93

MIX AND HYDROCARBONS

METHOD: EPA 8020, 5050 GC/TO

COMPOUND	CAS #	CONCENTRATION (ug/L)	REPORTING LIMIT (ug/L) (default)
Benzene	71-43-2	<u>27,000</u>	10.5
Toluene	108-38-3	<u>39,000</u>	10.5
Ethylbenzene	100-41-4	<u>4,200</u>	10.4
Xylenes, Total	1330-20-7	<u>22,000</u>	10
MEASURABLE HYDROCARBONS:			
As Gasoline		<u>1600</u>	10.05 mg/L

DATE ANALYZED: 8/31/93
 DILUTION FACTOR: 1000
 INSTRUMENT: F

PAGE 7
RECEIVED: 08/20/93

NEW California

DATA SHEET

QED # 93-08-234-GC

STREAM RESULTS BY FRACTION

DASH 08A SAMPLE ID S85-07 STORED R-3-S-1
TEST 8970/8930 BTX/BTEX - HQ COLLECTED 08/19/93

BTX AND HYDROCARBONS

METHOD: EPA 8020, 8030 GC/FID

COMPOUND	CAS #	CONCENTRATION (ug/L)	REPORTING LIMIT (ug/L) (default)
Benzene	71-43-2	<u>2,000</u>	(0.5)
Toluene	100-66-3	<u>29,000</u>	(0.5)
Ethylbenzene	100-41-4	<u>4,200</u>	(0.5)
Xylenes, Total	1330-20-9	<u>22,000</u>	(2)
SURCEABLE HYDROCARBONS:			
as Gasoline		<u>1100</u>	(0.05 ug/L)

DATE ANALYSED: 8/31/93
DILUTION FACTOR: 1000
INSTRUMENT: E

R-4,5-A

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9308234

JUL 20 '94 11:54 FROM LEVINE FRICKE 1510300256 PAGE:009 AUG 31 09:18 TO 884114-9-2751528 PAGE:010/011

Project No.: 2968		Field Logbook No.:		Date: 8-19-93		Serial No.: 11080							
Project Name: Oro Loma Sanitary District		Project Location: San Lorenzo, CA		Sampler (Signature):		Analyses: MJS							
SAMPLES		ANALYSES						REMARKS					
SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CON-TAINERS	SAMPLE TYPE	EPA 801	EPA 824	TAP ANALYSES	BTEX	HOLD	RUSH		
SB1-2.0	8-19-93		01A	1	SOIL					X		- Regular TAT	
SB1-5.5			02A	1	SOIL		X	X					
SB2-3.5			03A	4	SOIL		X	X					
SB3-6W		9:45	04AB	2	LIQUID		X	X				06:00 - Per Luke Stark pls take sample SB1-3.5	
SB4-3.5			05A	1	SOIL					X		SB6-3.5 and SB6-7.5 off	
SB4-6W		10:40	06AB	2	LIQUID		X	X				hold status and analyze for TPH-g & BTEX on a site TAT. LMS	
SB5-3.5			07A	1	SOIL		X	X					
SB5-6W		10:20	08AB	2	LIQUID		X	X					
SB6-3.5			09A	1	SOIL					X			
SB6-5.5			10A	1	SOIL		X	X					
SB6-7.5			11A	1	SOIL		X	X		X			
RELINQUISHED BY: (Signature) <i>Mel Levine</i>		DATE: 8-20-93	TIME: 11:05	RECEIVED BY: (Signature) <i>Mel Levine</i>		DATE: 8-20-93	TIME: 11:05						
RELINQUISHED BY: (Signature) <i>Mel Levine</i>		DATE: 8-20-93	TIME: 11:35	RECEIVED BY: (Signature) <i>Yvonne Gallespie</i>		DATE: 8-20-93	TIME: 11:35						
RELINQUISHED BY: (Signature)		DATE:	TIME:	RECEIVED BY: (Signature)		DATE:	TIME:						
METHOD OF SHIPMENT:		DATE:	TIME:	LAB COMMENTS:									
Sample Collector: LEVINE-FRICKE 1900 Powell Street, 12th Floor Emeryville, Ca 94608 510 (415) 652-4500				Analytical Laboratory: American Environmental Network Pleasant Hill, California									