

FAX

Hydro-Environmental
Technologies, Inc.

2394 Mariner Square Drive, Suite 2
Alameda, CA 94501

Date

5/1/98

Number of pages including cover sheet

9

TO:

Larry Seto

ACHCSA

Phone

562-6774

FAX:

337-9432

FROM:

Gary Pischke

Phone:

510 521-684

FAX:

510 521-5078

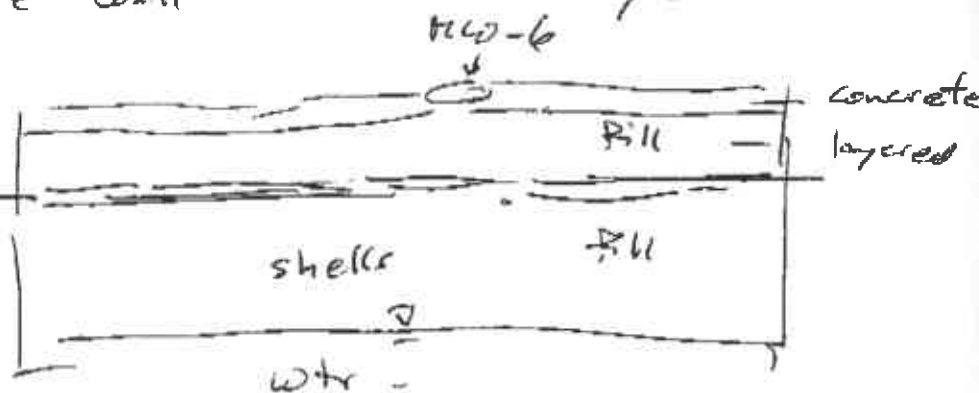
☐ Urgent☒ For your review☐ Reply ASAP☐ Please Comment

Mariner Square Site.
Update on MW-6 excavation
Sample results - soil & GW grab sample
map & cross-section of excavation

4/28/98

North side wall

destroyed

x-section oily
layer
dark brown

GW - w/ screen

no free product



↑
N

N wall one additional sample

E+W " " sample

S - concrete footing, can't sample -
impacted soil will be removed.

AEN Job No: 9804272Project Footnotes

The following footnotes apply to the indicated project samples and will appear on the final report (except as noted)

AEN Ids	Client Ids	Test	Footnotes
3,4,5		3550 GC-FID	02

Footnotes

01: Reporting limits (RLs) elevated due to matrix interference.

02: RL(s) elevated due to high levels of target compounds. Sample(s) run at dilution.

03: RL(s) elevated due to high levels of non-target compounds. Sample(s) run at dilution.

04: RL(s) elevated for _____ due to hydrocarbon interference in the _____ range.

05: RL(s) elevated for _____ due to suspected laboratory contamination.

06: RL(s) elevated due to limited sample.

07: Duplicate analysis showed surrogate recoveries outside of QC limits. Results are estimated.

08: Sample showed non-target compound(s). (will appear by request)

09: Non-typical _____ pattern observed. (will appear by request)

10: VOA pH (determined after analysis) was >2. (will appear by request)

_____ Analysis was performed within holding time. (informational footnote)

_____ Analysis was performed outside of hold time due to improper preservation. Results are estimated.

* : _____

** : _____

Additional project comments:

If you have any questions, please contact Client Services at (510) 930-9090 or FAX (510) 930-0256.
Thank you!

Revision: October, 1997

APR-28-98 WED 15:48
01/98 10:24
51 510 521 5078
AEN CALIFORNIA
HEIT-ALAMEDA
FAX NO. 510-521-5078
P. 08/08

Reporting Information:

Client: Hydro Enviro.
Address: 2394 Mariner Sq
#2 Alameda
Contact: Gary Pischke
Alt. Contact:

American Environmental Network
3440 Vincent Road, Pleasant Hill, CA 94523
Phone (510) 930-9030
FAX (510) 930-0256

AEN

Page ____ of ____

REQUEST FOR ANALYSIS / CHAIN OF CUSTODY

Lab Job Number: 9804272
Lab Destination:
Date Samples Shipped:
Lab Contact:
Date Results Required: 4/29 end of day
Date Report Required: 4/30
Client Phone No.: 510-521-2684
Client FAX No.: 510-521-5078

Address Report To:
1. Hydro Enviro. Tech.

Send Invoice To:
3. Mariner Square Assoc.
40 Hydro Enviro.

Send Report To: 1 or 2 (Circle one)
Client P.O. No.:
Client Project I.D. No.: 7-285.1
Sample Team Member(s): GP

Lab Number	Client Sample Identification	Air Volume	Date/Time Collected	Sample Type*	Pres.	No. of Cont.	Type of Cont.	ANALYSIS										Comments / Hazards
								TPK	BTEX	TPH	Chloride	TPHd	PAHs					
01A	HW6 - GW		4/28 10:28	GW	HCL	6	UOA	X	X									
02A	HW6 - GW		4/28 11:00	GW	N/A	2	Lit.			X	X							Hold on P&H.
02A	HW6 - NJ		4/28 10:44	S		1	YZle	X		X	X							" " " 94
03A	HW6 - SI		4/28 10:50	S		2	Jars	X		X	X							run as composite " " "
04A	HW - G - W1		4/28 10:50	S		1	Tube	X		X								from around
05A	HW - G - E1		4/28 10:56	S		1	Tube	X		X								

Relinquished by: (Signature) <u>Gary Pischke</u>	DATE <u>4/28/98</u>	TIME <u>12:49 pm</u>	Received by: (Signature) <u>Rick Gilmore</u>	DATE <u>4-28-98</u>	TIME <u>12:49</u>
Relinquished by: (Signature) <u>Rick Gilmore</u>	DATE <u>4-28-98</u>	TIME <u>13:35</u>	Received by: (Signature) <u>Ronald C. Jensen</u>	DATE <u>4/28/98</u>	TIME <u>13:35</u>
Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)	DATE	TIME
Method of Shipment	Lab Comments				

*Sample type (Specify): 1) 37mm 0.6 µm MCEF 2) 25mm 0.6 µm MCEF 3) 25mm 0.4 µm polycarb. filter
4) PVC filter, diam. _____ pore size _____ 5) Charcoal tube 6) Silica gel tube 7) Water 8) Soil 9) Bulk Sample
10) Other _____ 11) Other _____

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HYDRO ENVIRONMENTAL TECH

SAMPLE ID: [REDACTED]
AEN LAB NO: 9804272.05
AEN WORK ORDER: 9804272
CLIENT PROJ. ID: 7-285.1

DATE SAMPLED: 04/28/98
DATE RECEIVED: 04/28/98
REPORT DATE: 04/29/98

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5 ug/kg		04/28/98
Toluene	108-88-3	ND	5 ug/kg		04/28/98
Ethylbenzene	100-41-4	ND	5 ug/kg		04/28/98
Xylenes, Total	1330-20-7	ND	5 ug/kg		04/28/98
Purgeable HCs as Gasoline	5030/GCFID	ND	1 mg/kg		04/28/98
#Extraction for TPH	EPA 3550	-	Extrn Date		04/28/98
[REDACTED]	GC-FID	[REDACTED]	5 mg/kg		04/29/98
[REDACTED]	GC-FID	[REDACTED]	20 mg/kg		04/29/98

ND = Not detected at or above the reporting limit
* = Value at or above reporting limit

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HYDRO ENVIRONMENTAL TECH

SAMPLE ID: MW6-W1
AEN LAB NO: 9804272-04
AEN WORK ORDER: 9804272
CLIENT PROJ. ID: 7-285.1

DATE SAMPLED: 04/28/98
DATE RECEIVED: 04/28/98
REPORT DATE: 04/29/98

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5 ug/kg		04/28/98
Toluene	108-88-3	ND	5 ug/kg		04/28/98
Ethylbenzene	100-41-4	ND	5 ug/kg		04/28/98
Xylenes, Total	1330-20-7	ND	5 ug/kg		04/28/98
Purgeable HCs as Gasoline	5030/GCFID	ND	1 mg/kg		04/28/98
#Extraction for TPH	EPA 3550	-		Extrn Date	04/28/98
TPH as Diesel	GC-FID	2,100 *	100 mg/kg		04/29/98
TPH as Oil	GC-FID	6,800 *	500 mg/kg		04/29/98

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HYDRO ENVIRONMENTAL TECH

SAMPLE ID: MW6-S1
AEN LAB NO: 9804272 03
AEN WORK ORDER: 9804272
CLIENT PROJ. ID: 7-285.1

DATE SAMPLED: 04/28/98
DATE RECEIVED: 04/28/98
REPORT DATE: 04/29/98

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8200				
Benzene	71-43-2	ND	5 ug/kg		04/28/98
Toluene	108-88-3	ND	5 ug/kg		04/28/98
Ethylbenzene	100-41-4	ND	5 ug/kg		04/28/98
Xylenes, Total	1330-20-7	ND	5 ug/kg		04/28/98
Purgeable HCs as Gasoline	5030/GCFID	ND	1 mg/kg		04/28/98
#Extraction for TPH	EPA 3550	-		Extrn Date	04/28/98
TPH as Diesel	GC-FID	3,200 *	200 mg/kg		04/29/98
TPH as Oil	GC-FID	24,000 *	1000 mg/kg		04/29/98

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HYDRO ENVIRONMENTAL TECH

SAMPLE ID: MW6-N1
AEN LAB NO: 9804272-02
AEN WORK ORDER: 9804272
CLIENT PROJ. ID: 7-285.1

DATE SAMPLED: 04/28/98
DATE RECEIVED: 04/28/98
REPORT DATE: 04/29/98

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5 ug/kg		04/28/98
Toluene	108-88-3	ND	5 ug/kg		04/28/98
Ethylbenzene	100-41-4	ND	5 ug/kg		04/28/98
Xylenes, Total	1330-20-7	ND	5 ug/kg		04/28/98
Purgeable HCs as Gasoline	5030/GCFID	ND	1 mg/kg		04/28/98
#Extraction for TPH	EPA 3550	-	Extrn Date		04/28/98
TPH as Diesel	GC-FID	ND	9 mg/kg		04/29/98
TPH as Oil	GC-FID	41 *	5 mg/kg		04/29/98

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HYDRO ENVIRONMENTAL TECH

SAMPLE ID: MW6-GW
AEN LAB NO: 9804272-01
AEN WORK ORDER: 9804272
CLIENT PROJ. ID: 7-285.1

DATE SAMPLED: 04/28/98
DATE RECEIVED: 04/28/98
REPORT DATE: 04/29/98

water

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	0.5 ug/L		04/28/98
Toluene	108-88-3	ND	0.5 ug/L		04/28/98
Ethylbenzene	100-41-4	ND	0.5 ug/L		04/28/98
Xylenes, Total	1330-20-7	ND	2 ug/L		04/28/98
Purgeable HCs as Gasoline	5030/GCFID	0.8 *	0.05 mg/L		04/28/98
#Extraction for TPH	EPA 3510	-	Extrn Date		04/29/98
TPH as Diesel	GC-FID	0.92 *	0.05 mg/L		04/29/98
TPH as Oil	GC-FID	ND	0.2 mg/L		04/29/98

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