AEI CONSULTANTS
Environmental & Civil Engineering Services

3210 Old Tunnel Road, Suite B, Lafayette, CA 94549-4157
Phone: (925) 283-6000 Fax: (925) 283-6121

November 22, 2000

6419

Mr. Barney Chan
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

00 NOV 27 PM 3:04
ENVIRONMENTAL PROTECTION

Subject: **Monitoring Well Installation and Sampling Report**
1450 Fruitvale Avenue
Oakland, CA
AEI Project No. 3581

Dear Mr. Chan:

Enclosed is the monitoring well installation and sampling report for the above referenced site.

Please call Peter McIntyre or myself at (925) 283-6000 if you have any questions.

Sincerely,

Orion Alcalay
Environmental Scientist

November 22, 2000

MONITORING WELL INSTALLATION AND SAMPLING REPORT

1450 Fruitvale Avenue
Oakland, California

Project No. 3581

Prepared For

Jay-Phares Corporation
10700 Foothill Boulevard, Suite 200
Oakland, California, 94605

Prepared By

AEI Consultants
3210 Old Tunnel Road, Suite B
Lafayette, CA 94549
(800) 801-3224

AEI

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AEI

1.0 INTRODUCTION

AEI Consultants (AEI) has prepared this report on behalf of the Jay-Phares Corporation, and documents the groundwater investigation performed at the property located at 1450 Fruitvale Avenue in Oakland, California (Figure 1: Site Location Map). The investigation was performed in response to the requirements of the Alameda County Health Care Services Agency (ACHCSA). The investigation was conducted to investigate groundwater quality in the area of previously removed fuel storage tanks.

2.0 SITE DESCRIPTION AND BACKGROUND

The property is located on the eastern corner of Fruitvale Avenue and Farnam Street in a residential and commercial area of the city of Oakland. The property is approximately 11,000 square feet in size and is developed with a three-story building that occupies two-thirds of the parcel. The western corner of the parcel is improved with an asphalt parking lot. The property is currently vacant.

Glenfos, Inc performed an environmental site assessment (ESA) on the property in July 1998. The ESA indicated that the property was developed as a gas station in 1950 by Richfield Oil (currently known as ARCO) and operated until at least 1983. There were four underground storage tanks located in the southwest corner of the current parking lot. The fuel dispenser island was located on the northeast corner of the current parking lot. The gas station was demolished and the existing warehouse was constructed after 1983.
(7/1998)
This ESA included the advancement of eight (8) shallow soil borings to between 15 and 30 feet below ground surface (bgs) and the collection of soil and groundwater samples (refer to Figure 2 for boring locations). Soil sample analysis indicated that Total Petroleum Hydrocarbons (TPH) as gasoline and benzene were present along the former product piping at 190 mg/kg and 0.34 mg/kg, respectively. Groundwater sample analysis revealed impacted groundwater beneath the area of the former dispensers with TPH as gasoline up to 20,000 µg/L and benzene up to 1,000 µg/L. A geophysical survey was also performed on the property as part of the ESA, and based on the results of the survey, Glenfos concluded that, "the USTs may still be present".

On May 27, 1999, AEI was contracted to excavate the locations of the suspected USTs and remove them if necessary. Three excavations were opened on the site. No underground storage tanks or any remaining product piping were encountered during the excavation activities. No significant concentrations of petroleum hydrocarbons were detected in the confirmation soil samples analyzed. The excavations were backfilled with the excavated soil.

Please refer to the *Subsurface Investigation* report issued by AEI on June 11, 1999 for the results of the excavation and sampling activities as wells as an appended copy of the *Glenfos* report.

On July 21, 1999, AEI reviewed building records at the Oakland Building Department (OBD) for information regarding the former locations of the USTs and product dispensers. According to a site plan of the former gasoline station, four USTs were located on the southern corner of the lot, just outside of the building, oriented perpendicular to Farnam Street. The dispensers were located on the northern corner of the property, beneath the canopy.

At the request of the Alameda County Health Care Services Agency (ACHCSA), AEI performed an additional subsurface investigation at the site in August 1999. This investigation revealed TPH as gasoline present in the soil up to 210 mg/kg, with no significant concentrations of benzene or MTBE. Groundwater samples analyzed during this investigation contained TPH as gasoline at 690 µg/L and benzene at 72 µg/L. Soil sample analytical results indicate that although the release occurred along the product piping or from the dispensers, no significant concentrations of petroleum hydrocarbons have been detected around the former tank hold. Please refer to the Figure 2 and Tables 4 & 5 for previous AEI and Glenfos sampling locations and analytical results.

Based on the results of the August 1999 investigation and the groundwater samples analyzed by Glenfos, the ACHCSA requested the installation of a minimum of three groundwater monitoring wells to confirm the groundwater flow direction beneath the site and assess the stability of the dissolved hydrocarbon plume. A workplan, dated July 17, 2000, was prepared by AEI and the scope of work was agreed upon by the ACHCSA.

3.0 GEOLOGY AND HYDROGEOLOGY

The native soil encountered beneath the site during the previous subsurface investigations generally consisted of stiff silty and sandy clay. Gravel was encountered locally in some of the borings. Groundwater was encountered between 10 and 30 feet below ground surface (bgs).

Water level measurements were made during the first groundwater monitoring and sampling episode conducted on October 16, 2000. Static groundwater level ranged between 24.41 and 27.10 feet above Mean Sea Level (MSL). Elevations of the tops of the well casings were surveyed relative to MSL by David Logan (Professional Land Surveyor No. 5003) in November 2000.

The water level measurements were collected in order to calculate the groundwater hydraulic gradient and flow direction. Based on these measurements, groundwater beneath the site flows to the southeast. The hydraulic gradient is 0.116 foot/foot. The water table elevation contours and flow direction are depicted in Figure 4. Water table elevations are summarized in Table 1.

4.0 PERMITS

Prior to the start of drilling activities, drilling permit applications for each of the wells were submitted to the Alameda County Public Works Agency. The wells were constructed by Spectrum Exploration, Inc., (License # 512268), a California licensed drilling contractor.

5.0 WELL INSTALLATION & CONSTRUCTION

On September 25, 2000, three soil borings were advanced and converted to groundwater monitoring wells. Please refer to Figure 3 for locations of the newly constructed wells. These borings were advanced with a hydraulic rotary drill rig running 10.5-inch diameter hollow-stem augers. Cuttings generated during the well installation activities were stored on-site in sealed, labeled 55-gallon drums.

Soil samples were collected at approximately every 5 feet bgs in each boring. The borings were logged using the USCS. Please refer to Appendix B for detailed logs of the borings. Soil samples were sealed within brass liners with teflon tape and plastic caps and stored over ice during transportation to the laboratory.

The three soil borings were converted to groundwater monitoring wells (MW-1 through MW-3). The wells were constructed of 10 to 15 feet of 0.020" factory-slotted well screen and flush threaded blank Schedule 40 PVC casing that was installed through the hollow augers. All the wells were constructed with 2" diameter casing. The well screen in each well was fitted with a flush-threaded bottom cap. No. 2/16 Monterey sand was poured through the auger to form a sand pack from the bottom of the well to 2 feet above the slotted well screen. Approximately 1.5 to 2 feet of bentonite pellets were placed above the sand and hydrated with tap water. The remainder of the boring was filled to 0.5 feet below grade with neat cement grout. A flush mounted traffic rated well box was installed over the casing, and an expanding, locking inner cap was placed on the casing top. Refer to the boring logs (Appendix B) for a visual description of well construction.

6.0 WELL DEVELOPMENT AND SAMPLING

The three newly installed wells were developed no sooner than 24 hours after setting of the grout. The wells were developed by first using a surge block, then a minimum of 10 well volumes of water was removed from each well.

Groundwater samples were collected from the newly installed wells on October 16, 2000. Depth to groundwater was measured at the three newly installed wells prior to sampling activities. Prior to the collection of water samples, approximately six well volumes of water were purged

from each well. Please refer to Appendix C for Groundwater Well Sampling Field Forms, which include details on the sampling of each well.

The groundwater samples were collected from each well using clean disposable bailers. Water was poured from the bailers into 40 ml VOA vials and capped so that there was no head space or visible air bubbles within the sample containers. The samples were labeled and placed on ice and transported under chain of custody protocol to McCampbell Analytical Laboratories in Pacheco, California.

7.0 Sample Analytical Results

Two soil samples from each boring were selected for analysis. The remaining soil samples were placed on hold at the laboratory. A total of six soil samples were analyzed for Total Petroleum Hydrocarbons as gasoline (TPH-g), methyl tertiary butyl ether (MTBE), and benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA methods 5030, 8015 and 8020.

Gasoline range hydrocarbons were detected up to 360 mg/kg in MW-3 at 16'. Benzene, toluene, ethyl-benzene and xylenes were detected up to 0.42 mg/kg, 2.1 mg/kg, 6.5 mg/kg, and 11 mg/kg, respectively in soil sample MW-3 16'. Please refer to Table 2 for detailed results of the soil sample analysis.

Three groundwater samples were analyzed for Total Petroleum Hydrocarbons as gasoline (TPH-g), methyl tertiary butyl ether (MTBE), and benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA methods 5030, 8015 and 8020.

Gasoline range hydrocarbons were detected up to 12,000 ug/L in well MW-3. Slightly elevated concentrations of benzene, toluene, ethylbenzene and xylenes (BTEX) were detected in all the groundwater samples with the highest levels existing in MW-3.

Please refer to Table 3 for detailed results of groundwater analyses. Laboratory results and chain of custody documentation for both soil and groundwater samples are included in Appendix D.

8.0 Summary and Recommendations

AEI advanced a total of three soil borings during this investigation, which were converted to groundwater monitoring wells. Soil and groundwater samples were analyzed to assess the extent of impacted soil beneath the site and to monitor the extent and magnitude of the dissolved hydrocarbon plume beneath the site.

Soil sample analysis indicates that slightly elevated concentrations of gasoline range hydrocarbons remain in the soil, in particular in MW-3. Dissolved hydrocarbons appear to have

migrated to the south/southeast of the former tanks. Gasoline range hydrocarbons are significant in the groundwater in MW-1 through MW-3.

Continued groundwater monitoring and sample collection and analysis are planned. Groundwater samples from wells MW-1 through MW-3 will continued to be analyzed for Total Petroleum Hydrocarbons as gasoline (TPH-g), methyl tertiary butyl ether (MTBE), and benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA methods 5030, 8015 and 8020. The next episode of sampling is scheduled for January 2001.

9.0 Report Limitations and Signatures

This report presents a summary of work completed by AEI, including observations and descriptions of site conditions. Where appropriate, it includes analytical results for samples taken during the course of the work. The number and location of samples are chosen to provide required information, but it cannot be assumed that they are entirely representative of all areas not sampled. All conclusions and recommendations are based on these analyses, observations, and the governing regulations. Conclusions beyond those stated and reported herein should not be inferred from this document.

These services were performed in accordance with generally accepted practices in the environmental engineering and construction field that existed at the time and location of the work.

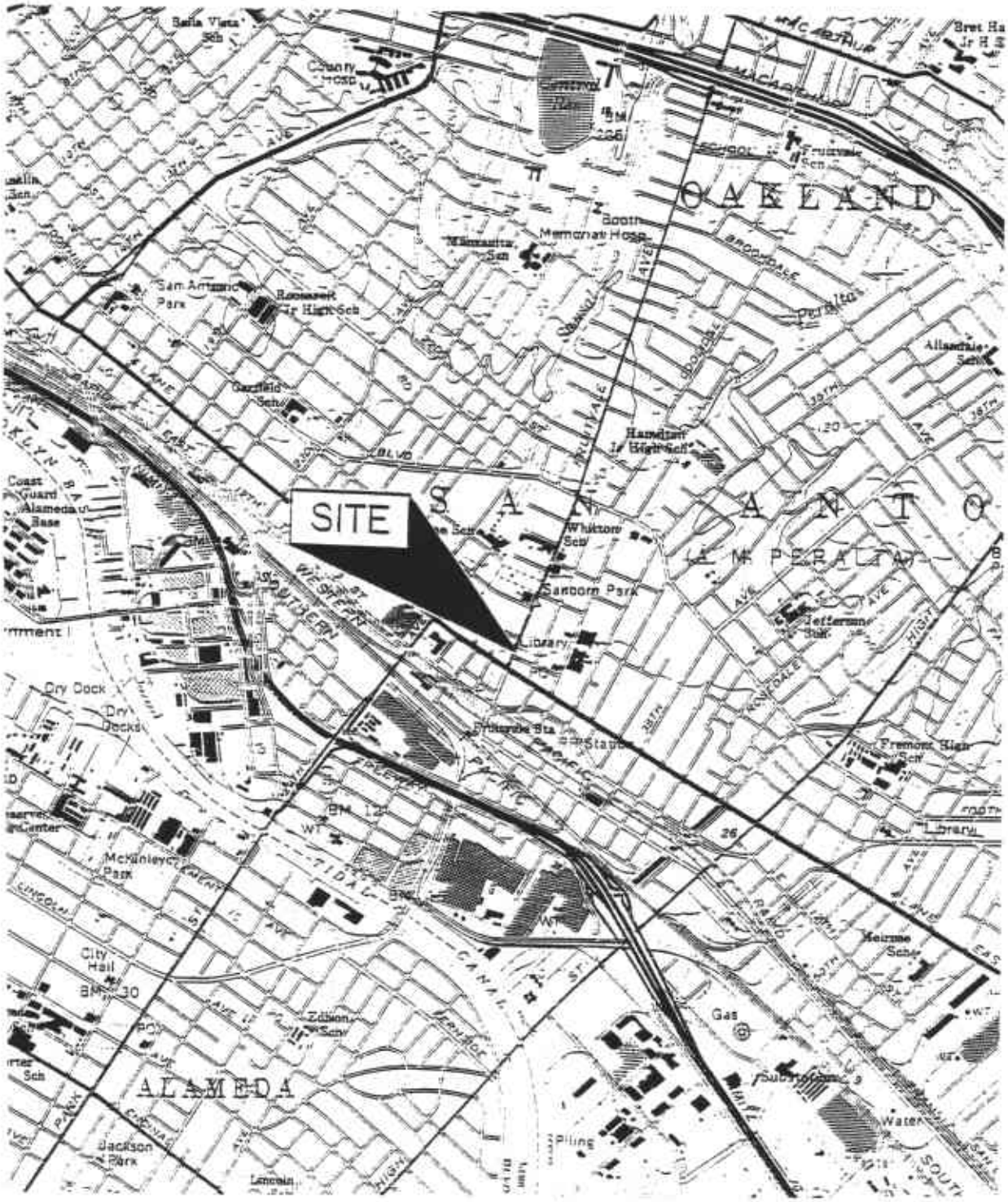
Please contact the undersigned or Peter McIntyre for questions regarding the findings outlined in this report.

Sincerely,

Orion Alcalay
Environmental Scientist

Joseph P. Derhake
Senior Project Engineer, Principal

AEI



FROM:
USGS OAKLAND EAST QUADRANGLE
1959 PHOTOREVISED 1980

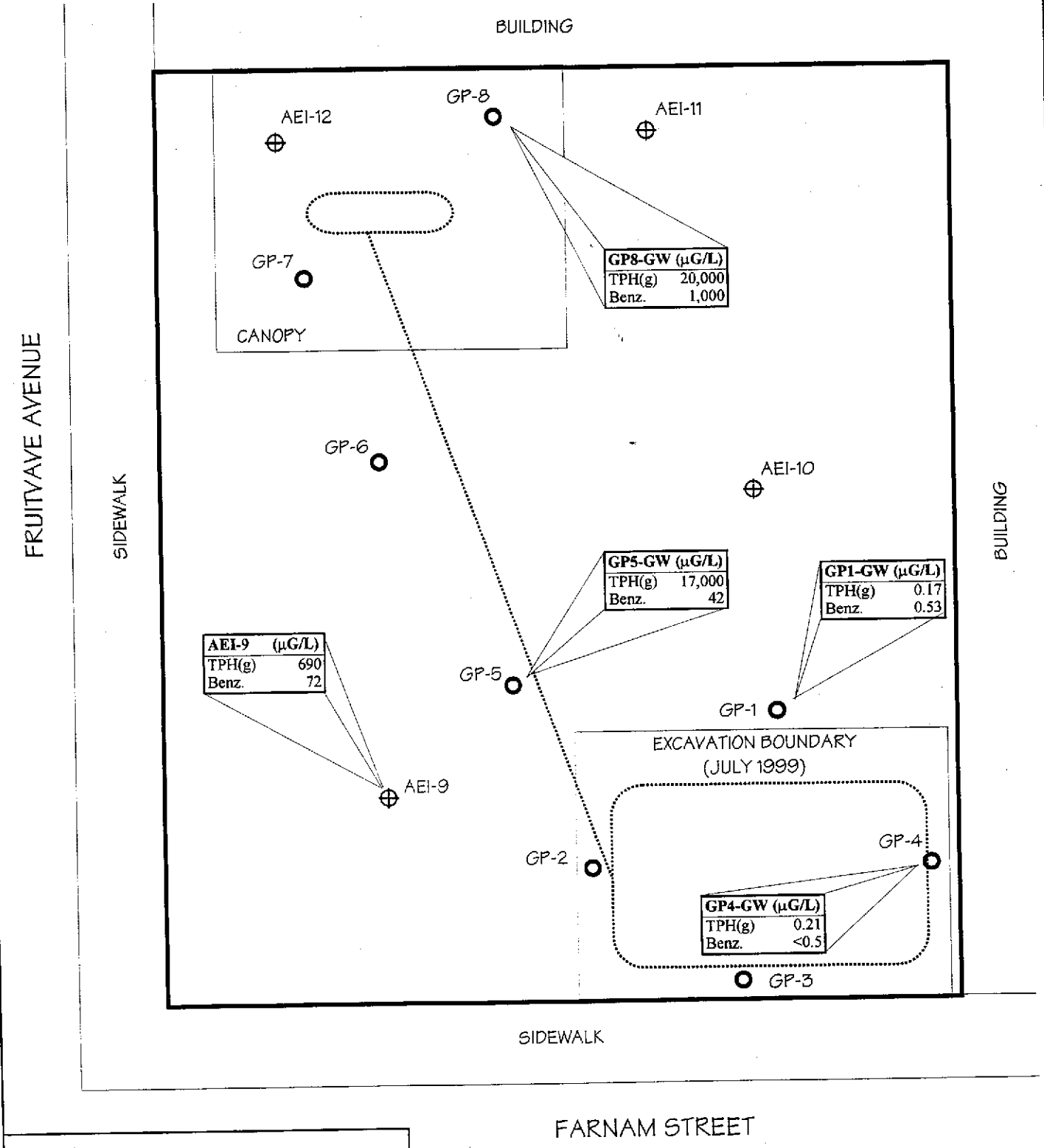
AEI CONSULTANTS

3210 OLD TUNNEL RD, SUITE B, LAFAYETTE, CA

SITE LOCATION MAP

1450 FRUITVALE AVENUE
OAKLAND, CALIFORNIA

FIGURE 1



KEY

⊕ BORING LOCATIONS PERFORMED BY AEI AUGUST 24, 1999

O APPROXIMATE LOCATIONS OF SAMPLING PERFORMED BY *GLENFOS*; JULY, 1998

TPH(G) = Total Petroleum Hydrocarbons as gasoline

Benz. = Benzene

SCALE: 1" = 10'

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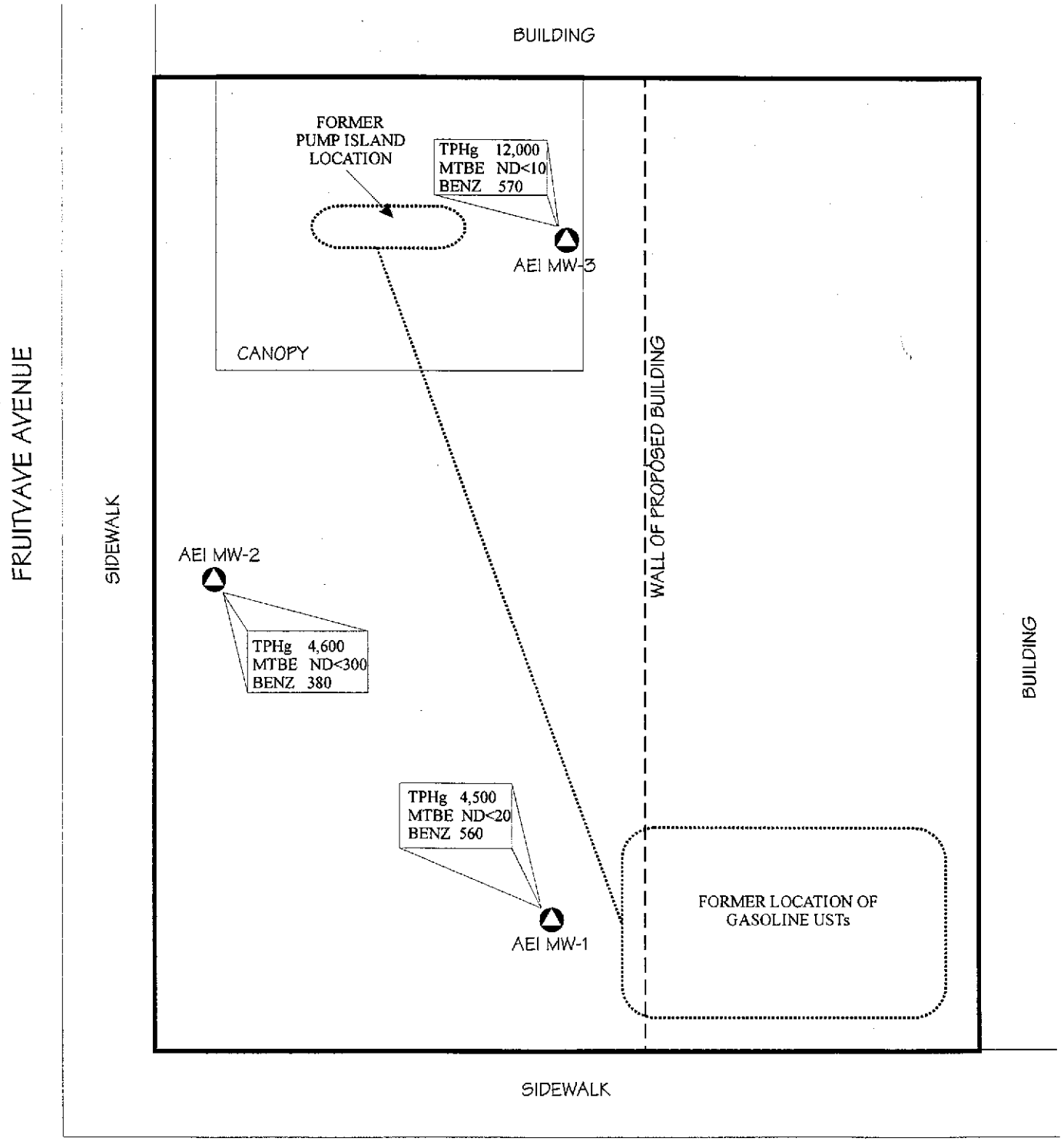
3210 OLD TUNNEL RD, SUITE B, LAFAYETTE, CA

PREVIOUS SOIL BORING LOCATIONS WITH GROUNDWATER SAMPLE ANALYTICAL

1450 FRUITVALE AVENUE
OAKLAND, CALIFORNIA

FIGURE 2



KEY

▲ WELL LOCATIONS INSTALLED BY AEI

TPHg = Total Petroleum Hydrocarbons as gasoline
MTBE = Methyl Tertiary Butyl Ether
Benz = Benzene
All samples measured in ug/L
(micrograms per Liter)

SCALE: 1" = 10'

N

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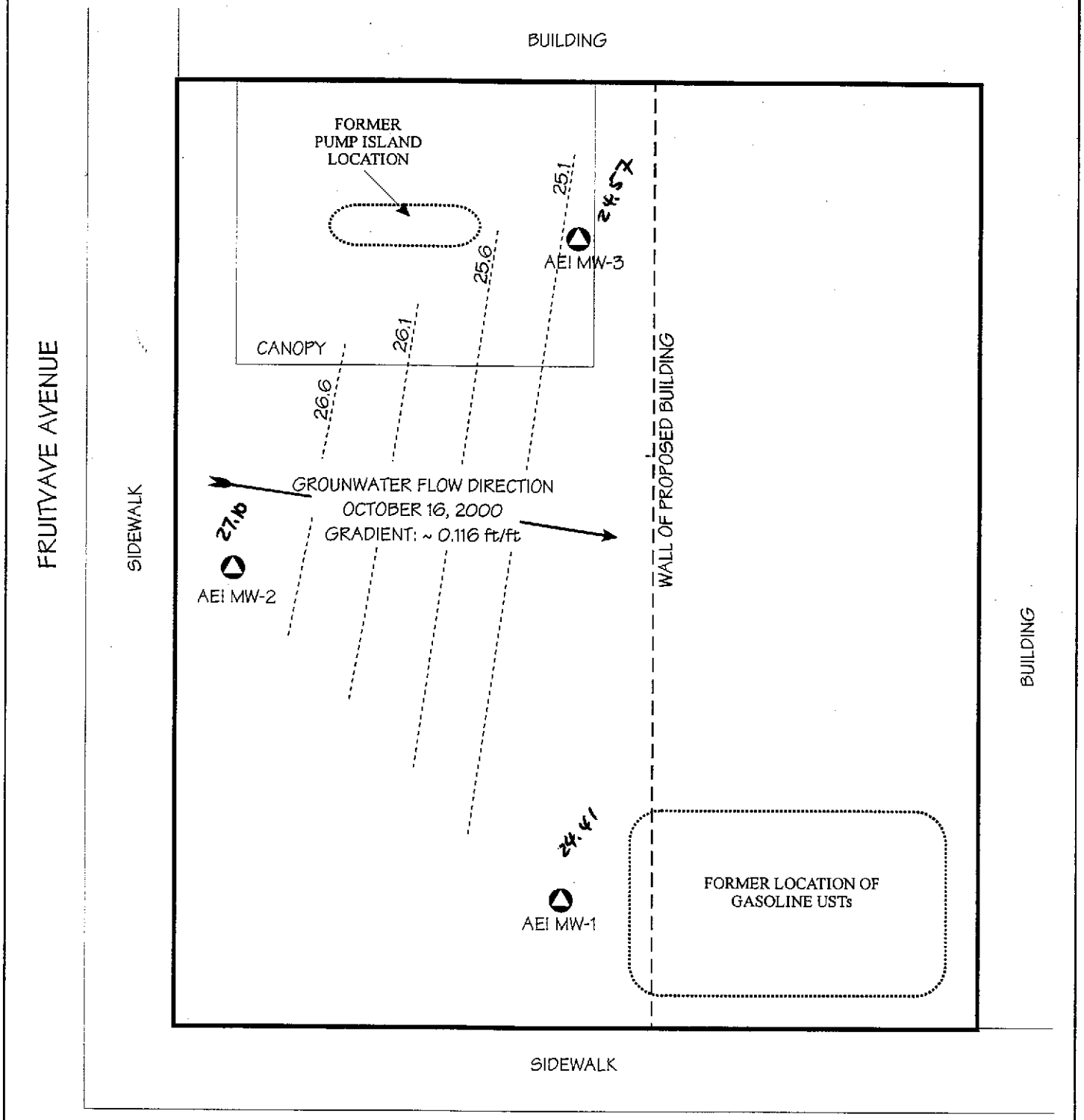
3210 OLD TUNNEL RD, SUITE B, LAFAYETTE, CA

WELL LOCATIONS WITH
GROUNDWATER SAMPLE ANALYTICAL

1450 FRUITVALE AVENUE
OAKLAND, CALIFORNIA

FIGURE 3



KEY

- WELL LOCATIONS INSTALLED BY AEI
- 26.6 GROUNDWATER ELEVATION CONTOUR (FEET) 10/16/00

SCALE: 1" = 10'

N

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3210 OLD TUNNEL RD, SUITE B, LAFAYETTE, CA

WELL LOCATIONS WITH GROUNDWATER GRADIENT MAP

1450 FRUITVALE AVENUE
OAKLAND, CALIFORNIA

FIGURE 4

Table 1
Groundwater Elevations

Well ID	Date	Well Elevation (ft msl)	Depth to Water (ft)	Groundwater Elevation (ft msl)
MW-1	10/16/00	42.13	17.72	24.41
MW-2	10/16/00	42.08	14.98	27.10
MW-3	10/16/00	42.55	17.98	24.57

Notes:
All well elevations are measured from the top of the casing and not from the ground surface
ft msl = feet above mean sea level

Table 2:
Soil Sample Analytical Results-October 2000

Sample ID	TPH-g mg/kg	MTBE mg/kg	Benzene mg/kg	Toluene mg/kg	Ethyl-benzene mg/kg	Xylenes mg/kg
MW-1 6.5'	<1.0	<.05	<.005	<.005	<.005	<.005
MW-1 11.5	**15.0**	<.05	<.005	**0.31**	<.005	**0.011**
MW-2 6.5'	<1.0	<.05	<.005	<.005	<.005	<.005
MW-2 11'	**73.0**	<.05	<.005	**0.044**	**0.0080**	**0.040**
MW-3 6.5'	<1.0	<.05	<.005	<.005	<.005	<.005
~~MW-3 16'~~	**360.0**	**<1.0**	**0.42**	**2.1**	**6.5**	**11.0**
MRL	1.0	0.05	0.005	0.005	0.005	0.005

MRL = Method Reporting Limit

TPH-g = Total Petroleum Hydrocarbons as gasoline

MTBE = Methyl tertiary butyl ether

mg/kg = milligram per kilogram

Table 3
Groundwater Sample Analytical Data-October 2000

Well/Sample ID	Date Collected	Consultant Lab	TPHg µg/L	MTBE µg/L	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Xylenes µg/L
MW-1	**10/16/00**	AEI/MAI	4,500	ND<20	560	14	53	62
MW-2	**10/16/00**	AEI/MAI	4,600	ND<300	380	3.8	95	33
MW-3	**10/16/00**	AEI/MAI	12,000	ND<10	570	32	680	1,200
MRL			50.0	5.0	0.5	0.5	0.5	0.5

MRL = Maximum Reporting Limit
µg/L micrograms per liter
AEI AEI Consultants
MAI McCampbell Analytical, Inc.
TPHg total petroleum hydrocarbons as gasoline
MTBE methyl tertiary butyl ether
ND not detected

Table 4:
Previous Soil Sample Analytical Results

Sample ID	Consul-tant	Sample Date	TPH-g mg/kg	MTBE mg/kg	Benzene mg/kg	Toluene mg/kg	Ethyl Benzene mg/kg	Xylenes mg/kg	Total Lead mg/kg
GP-1 10'	Glenfos	7/9/98	10	-	<0.005	0.022	0.015	<0.01	-
GP-2 10'	Glenfos	7/9/98	1.5	-	0.017	<0.005	<0.005	<0.01	-
GP-2 15'	Glenfos	7/9/98	27	-	0.017	0.056	0.052	0.51	-
GP-2 30'	Glenfos	7/9/98	2.5	-	<0.005	<0.005	<0.005	<0.01	-
GP-3 10'	Glenfos	7/9/98	95	-	0.59	0.42	1.1	1.5	7.3
GP-3 15'	Glenfos	7/9/98	2.5	-	0.055	0.018	0.055	0.26	-
GP-3 20'	Glenfos	7/9/98	1.6	-	0.02	<0.005	0.02	0.032	-
GP-3 25'	Glenfos	7/9/98	<1	-	<0.005	<0.005	<0.005	<0.01	-
GP-4 10'	Glenfos	7/9/98	2.5	-	0.017	<0.005	0.003	0.021	4.1
GP-5 10'	Glenfos	7/9/98	6.5	-	<0.005	0.022	0.018	0.041	-
GP-5 15'	Glenfos	7/9/98	19	-	0.077	0.016	0.43	0.49	-
GP-5 20'	Glenfos	7/9/98	<1	-	<0.005	<0.005	<0.005	<0.01	-
GP-6 5'	Glenfos	7/9/98	<1	-	<0.005	<0.005	<0.005	<0.01	-
GP-6 10'	Glenfos	7/9/98	7.7	-	0.008	0.015	0.012	0.047	6.2
GP-6 15'	Glenfos	7/9/98	190	-	0.34	0.53	2.3	4.7	-
GP-6 20'	Glenfos	7/9/98	28	-	0.083	0.081	0.052	0.19	-
GP-7 10'	Glenfos	7/9/98	86	-	<0.005	0.088	0.09	0.5	-
GP-7 15'	Glenfos	7/9/98	2.7	-	0.008	0.012	<0.005	0.031	-
GP-8 10'	Glenfos	7/9/98	24	-	0.022	0.061	0.071	0.45	-
GP-8 15'	Glenfos	7/9/98	5.8	-	0.021	0.014	0.022	0.06	-
GP-8 20'	Glenfos	8/23/99	<1	-	<0.005	<0.005	<0.005	<0.01	-
AEI-9 10'	AEI	8/23/99	<1	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-9 20'	AEI	8/23/99	<1	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-10 10'	AEI	8/23/99	77	<0.05	<0.005	<0.005	0.078	<0.005	-
AEI-10 15'	AEI	8/23/99	69	0.071	0.1	0.21	0.23	<0.005	-
AEI-11 10'	AEI	8/23/99	<1	<0.05	<0.005	<0.005	<0.005	<0.005	-
AEI-11 15'	AEI	8/23/99	210	<0.40	<0.020	1.1	1.2	2.4	-
AEI-12 10'	AEI	8/23/99	24	<0.05	<0.005	0.12	<0.005	<0.005	-
AEI-12 15'	AEI	8/23/99	120	<0.40	<0.020	<0.020	1.6	1.6	-
MDL			1.0	0.05	0.005	0.005	0.005	0.005	

MDL = Method Detection Limit

mg/kg = milligrams per kilogram (ppm)

- Sample not analyzed for this chemical

TPH-g = Total petroleum hydrocarbons as gasoline

Table 5:
Previous Groundwater Sample Analytical Results

Sample ID	Consultan	Sample Date	TPH-g µg/L	MTBE µg/L	Benzene µg/L	Toluene µg/L	Ethyl-Benzene µg/L	Xylenes µg/L	Lead µg/L
GP 1	Glenfos	7/9/98	170	-	0.53	<0.5	1.2	2.0	-
GP 4	Glenfos	7/9/98	210	-	<0.5	<0.5	0.58	<1	11
GP 5	Glenfos	7/9/98	17,000	-	42	24	820	110	-
GP 8	Glenfos	7/9/98	20,000	<10	1,000	19	420	290	9.5
AEI-9W	AEI	8/23/99	690	3.8	72	0.79	29	24	-
MDL			50	5.0	0.5	0.5		1.5	2.5

MDL = Method Detection Limit

ND = Not detected above the Method Detection Limit (unless otherwise noted)

µg/L = micrograms per liter (ppb)

mg/L = milligrams per liter (ppm)

- Sample not analyzed for this chemical

TPH-g = Total petroleum hydrocarbons as gasoline

APPENDIX A

PERMIT DOCUMENTATION

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 670-6834 MARLON MAGALLANES/FRANK CODD (510) 670-5783
FAX (510) 782-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 1450 FRUITVALE AVE
OAKLAND CA
X STREET = FARNUM

CLIENT
Name JAY-PHARES CORP.
Address 10700 FOOTHILL BLVD Phone 510-562-9500
City OAKLAND Zip 94605

APPLICANT
Name AEI CONSULTANTS Fax 925 283 6121
Address 3210 OLD TUNNEL RD Phone 925 283 6000
City LAFAYETTE Zip 94549

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	☐	General	☐
Water Supply	☐	Contamination	☐
Monitoring	☒	Well Destruction	☐

PROPOSED WATER SUPPLY WELL USE

New Domestic	☐	Replacement Domestic	☐
Municipal	☐	Irrigation	☐
Industrial	☐	Other Monitoring	☒

DRILLING METHOD:

Mud Rotary	☐	Air Rotary	☐	Auger	☒
Cable	☐	Other	☐	HOLLOW-STEM	

DRILLER'S LICENSE NO. 512268
Spectrum Exploration. exp. 4-30-01

WELL PROJECTS
Drill Hole Diameter 10.5 in. Maximum
Casing Diameter 2 in. Depth 35 ft.
Surface Seal Depth 10 ft. Number AEI-MW1

GEOTECHNICAL PROJECTS
Number of Borings _____ Maximum
Hole Diameter _____ in. Depth _____ ft.

ESTIMATED STARTING DATE Mon 9/25/00
ESTIMATED COMPLETION DATE Mon 9/25/00

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE [signature] DATE 9/18/00

PLEASE PRINT NAME NICK WALCHUK
AEI CONSULTANTS

Rev 4-4-00

FOR OFFICE USE

PERMIT NUMBER W00-589
WELL NUMBER _____
APN _____

PERMIT CONDITIONS
Circled Permit Requirements Apply

(A) GENERAL
1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
(2) Submit to ACPWA within 60 days after completion of permitted work the original Department of Water Resources- Well Completion Report.
(3) Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

(C) GROUNDWATER MONITORING WELLS
INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

D. GEOTECHNICAL
Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings.

E. CATHODIC
Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION
Send a map of work site. A separate permit is required for wells deeper than 45 feet.

G. SPECIAL CONDITIONS

APPROVED [signature] DATE 9-19-00

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 670-6554 MARLON MAGALLANES/FRANK CODD (510) 670-5783
FAX (510) 782-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 1450 FRUITVALE AVE
OAKLAND CA
X STREET W. FARNUM

CLIENT
Name JAY PHARES CORP.
Address 10700 FOOTHILL BLVD Phone 510-562-9500
City OAKLAND Zip 94605

APPLICANT
Name AEI CONSULTANTS Fax 925 283 6121
Address 3210 OLD TUNNEL RD Phone 283 6000
City LAFAYETTE Zip 94549

TYPE OF PROJECT
Well Construction
Cathodic Protection ☐
Water Supply ☐
Monitoring ☒
Geotechnical Investigation
General ☐
Contamination ☐
Well Destruction ☐

PROPOSED WATER SUPPLY WELL USE
New Domestic ☐ Replacement Domestic ☐
Municipal ☐ Irrigation ☐
Industrial ☐ Other Monitoring ☒

DRILLING METHOD:
Mud Rotary ☐ Air Rotary ☐ Auger ☒
Cable ☐ Other ☐ HOLLOW-STEM

DRILLER'S LICENSE NO. 512268
Spectrum Exploration. exp 4-30-01

WELL PROJECTS
Drill Hole Diameter 10.5 in. Maximum
Casing Diameter 2 in. Depth 35 ft.
Surface Seal Depth 10 ft. Number AEI-MW2

GEOTECHNICAL PROJECTS
Number of Borings ____ Maximum
Hole Diameter ____ in. Depth ____ ft.

ESTIMATED STARTING DATE Mon 9/25/00
ESTIMATED COMPLETION DATE Mon 9/25/00

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE [signature] DATE 9/18/00

PLEASE PRINT NAME NICK WALCHUK
AEI CONSULTANTS

Rev. 4-4-00

FOR OFFICE USE

PERMIT NUMBER WO-590
WELL NUMBER ____
APN ____

PERMIT CONDITIONS
Circled Permit Requirements Apply

(A) GENERAL
(1) A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
(2) Submit to ACPWA within 60 days after completion of permitted work the original Department of Water Resources- Well Completion Report.
(3) Permit is void if project not begun within 90 days of approval date

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

(C) GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

D. GEOTECHNICAL
Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings.

E. CATHODIC
Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION
Send a map of work site. A separate permit is required for wells deeper than 45 feet.

G. SPECIAL CONDITIONS

APPROVED [signature] DATE 9-19-00

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 670-6554 MARLON MAGALLANES/FRANK CODD (510) 670-5783
FAX (510) 782-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 1450 FRUITVALE AVE
OAKLAND CA
X STREET = FARNUM

CLIENT
Name JAY PHARES CORP.
Address 10700 FOOTHILL BLVD Phone 510-562-9500
City OAKLAND Zip 94605

APPLICANT
Name AEI CONSULTANTS
Address 3210 OLD TUNNEL RD #B Fax 925 283 6121
City LAFAYETTE Phone 283 6000
Zip 94549

TYPE OF PROJECT
Well Construction
Cathodic Protection ☐
Water Supply ☐
Monitoring ☒
Geotechnical Investigation
General ☐
Contamination ☐
Well Destruction ☐

PROPOSED WATER SUPPLY WELL USE
New Domestic ☐ Replacement Domestic ☐
Municipal ☐ Irrigation ☐
Industrial ☐ Other Monitoring ☒

DRILLING METHOD:
Mud Rotary ☐ Air Rotary ☐ Auger ☒
Cable ☐ Other ☐ HOLLOW STEM

DRILLER'S LICENSE NO. 512268
Spectrum Exploration, exp. 4-30-01

WELL PROJECTS
Drill Hole Diameter 10.5 in. Maximum
Casing Diameter 2 in. Depth 35 ft.
Surface Seal Depth 10 ft. Number AEI-MW3

GEOTECHNICAL PROJECTS
Number of Borings ____ Maximum
Hole Diameter ____ in. Depth ____ ft.

ESTIMATED STARTING DATE Mon 9/25/00
ESTIMATED COMPLETION DATE Mon 9/25/00

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE [signature] DATE 9/18/00

PLEASE PRINT NAME NICK WALCHUK
AEI CONSULTANTS

Rev. 4-4-00

FOR OFFICE USE

PERMIT NUMBER W00-591
WELL NUMBER ____
APN ____

PERMIT CONDITIONS
Circled Permit Requirements Apply

(A.) GENERAL
(1.) A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
(2.) Submit to ACPWA within 60 days after completion of permitted work the original Department of Water Resources- Well Completion Report.
(3.) Permit is void if project not begun within 90 days of approval date

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
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(C.) GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
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D. GEOTECHNICAL
Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings.

E. CATHODIC
Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION
Send a map of work site. A separate permit is required for wells deeper than 45 feet.

G. SPECIAL CONDITIONS

APPROVED [signature] DATE 9-19-00

APPENDIX B

SOIL BORING LOGS

Project No: 3581

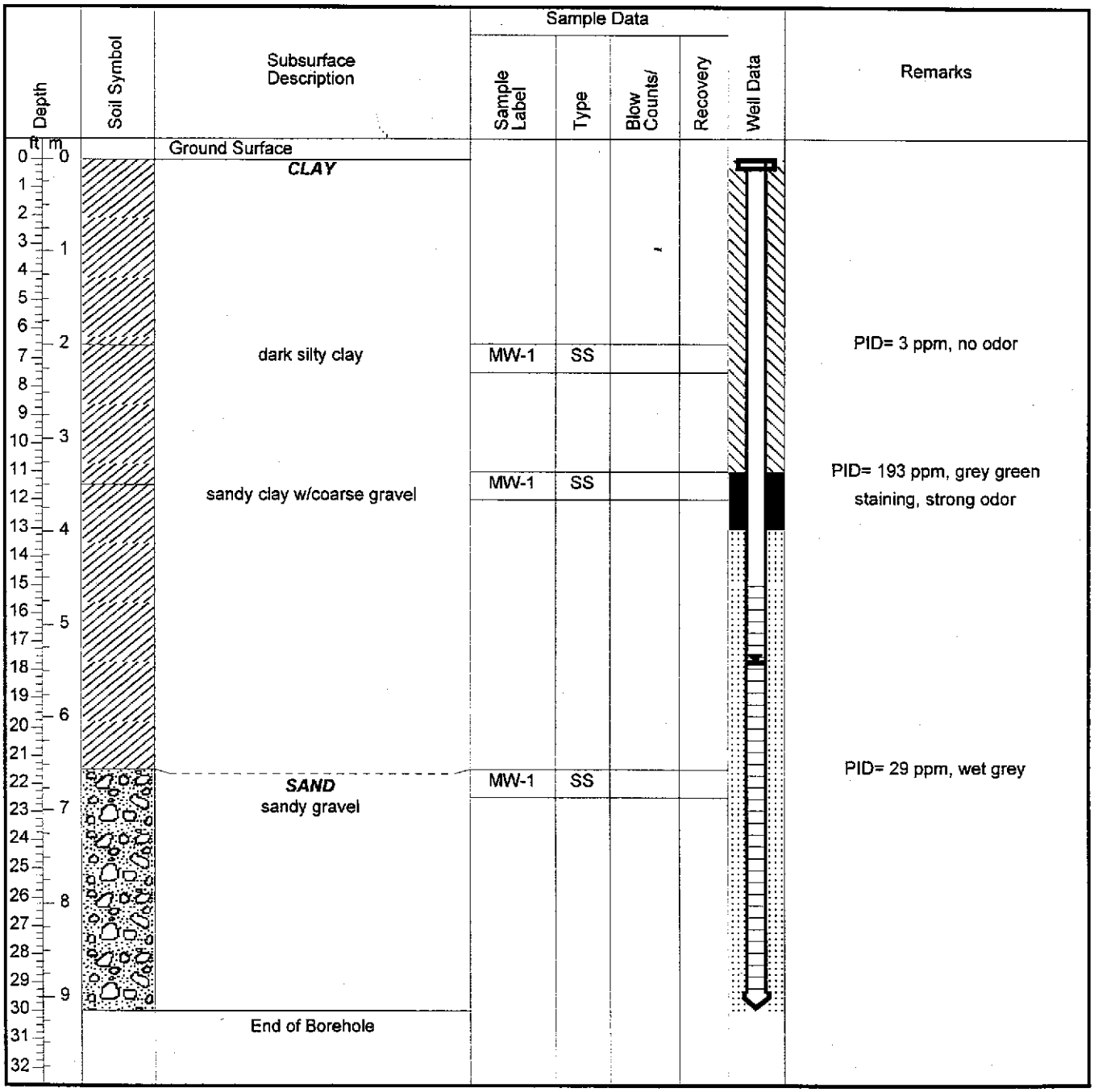
Sheet: 1 of 1

Project Name: Jay Phares Corp.

Client: Ken Phares

Location: 1450 Fruitvale Avenue

Log of Borehole: MW-1



Drill Date 09/25/00

Drill Method: HS

Total Depth: 30'

Depth to Water: ~15'

Reviewed by: PM

Logged by: NW

AEI Consultants
3210 Old Tunnel Road, Suite B
Lafayette, CA 94549
(925) 283-6000

Project No: 3581

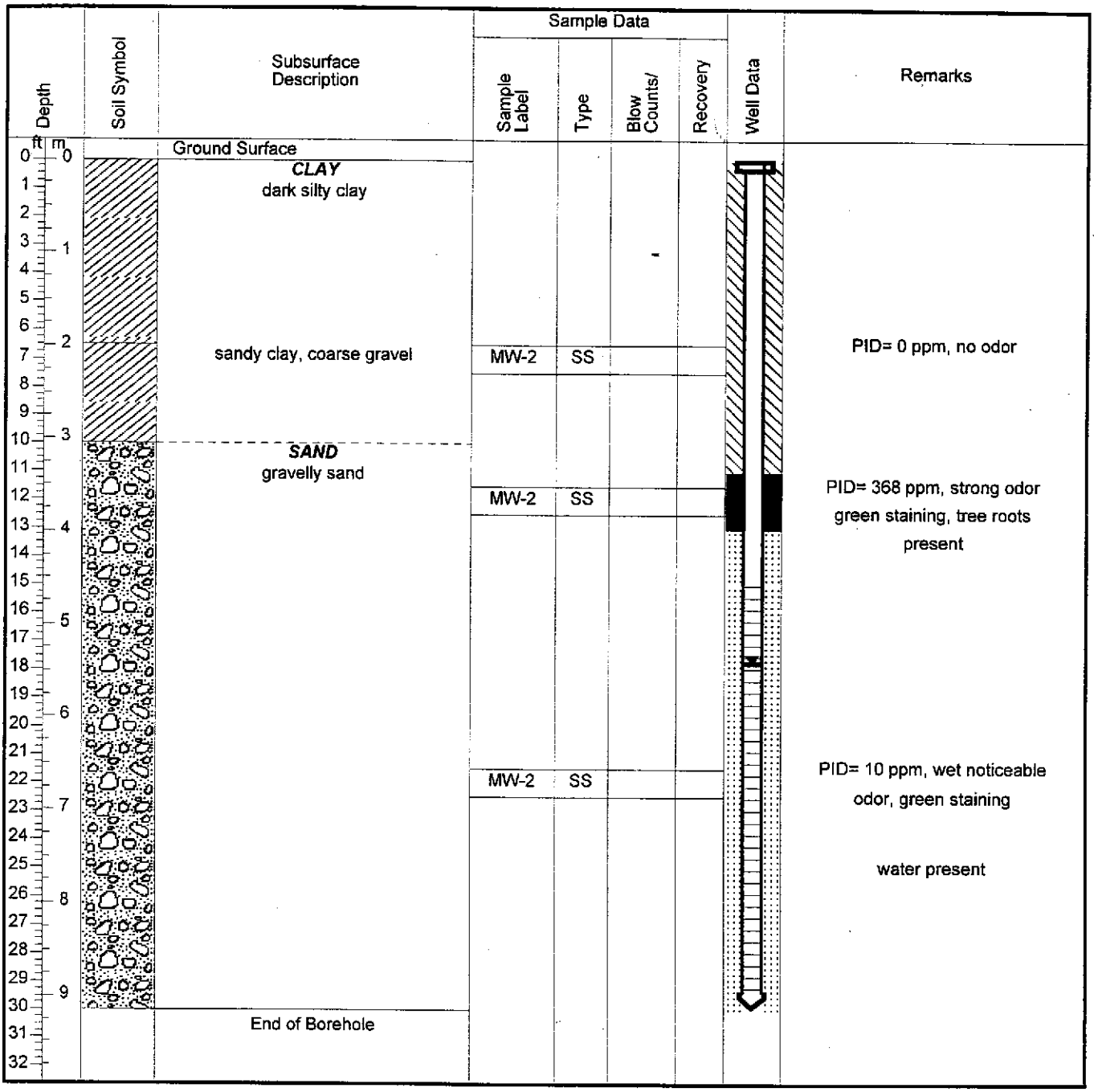
Sheet: 1 of 1

Project Name: Jay Phares Corp.

Client: Ken Phares

Location: 1450 Fruitvale Avenue

Log of Borehole: MW-2



Drill Date 09/25/00

Drill Method: HS

Total Depth: 30'

Depth to Water: ~15'

Reviewed by: PM

Logged by: NW

AEI Consultants
3210 Old Tunnel Road, Suite B
Lafayette, CA 94549
(925) 283-6000

Project No: 3581

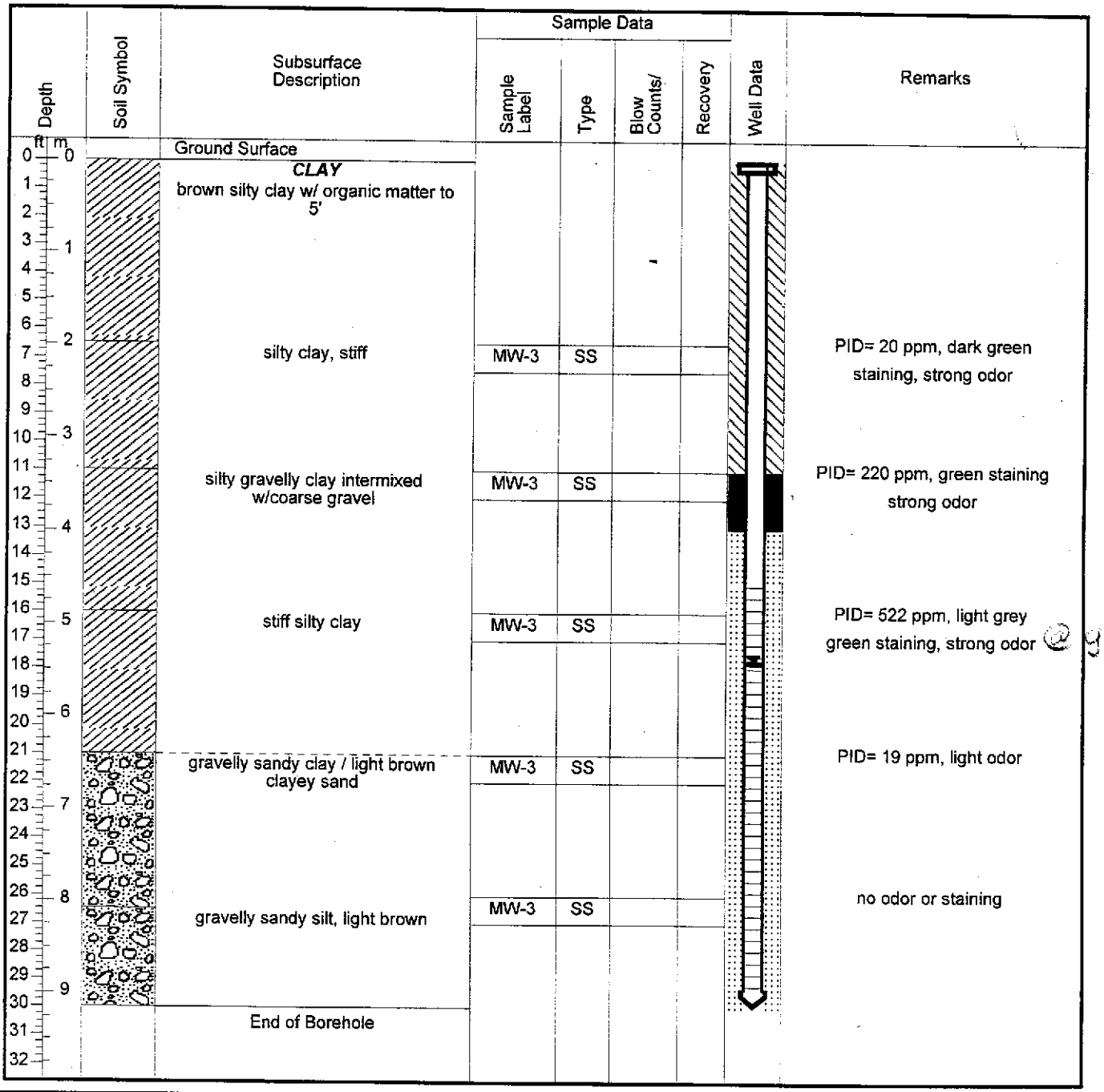
Sheet: 1 of 1

Project Name: Jay Phares Corp.

Client: Ken Phares

Location: 1450 Fruitvale Avenue

Log of Borehole: MW-3



Drill Date 09/25/00

Drill Method: HS

Total Depth: 30'

Depth to Water: ~15'

Reviewed by: PM

Logged by: NW

AEI Consultants
3210 Old Tunnel Road, Suite B
Lafayette, CA 94549
(925) 283-6000

ATTACHMENT C

WELL FIELD SAMPLING FORMS

AEI CONSULTANTS - GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-1

Project Name: Jay Phares	Date of Sampling: 10/16/00
Job Number: 3581	Name of Sampler: DR
Project Address: 1450 Fruitvale Avenue	

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2"
Seal at Grade -- Type and Condition	Cement, good
Well Cap & Lock -- OK/Replace	OK
Elevation of Top of Casing	42.13
Depth of Well	28.00
Depth to Water	17.72
Water Elevation	24.41
Three Well Volumes (gallons)*	
2" casing: (TD - DTW)(0.16)(3)	4.93
4" casing: (TD - DTW)(0.65)(3)	
6" casing: (TD - DTW)(1.44)(3)	
Actual Volume Purged (gallons)	6
Appearance of Purge Water	Clear

GROUNDWATER SAMPLES

Number of Samples/Container Size	2 VOAs

Time	Vol Remvd (gal)	Temp (deg F)	pH	Cond (mS) ± umhos	Comments
9:35	1	74.3	6.60	1128	
9:37	3	72.4	6.82	1080	
9:39	5	71.3	6.82	1073	

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

TD - Total Depth of Well
DTW - Depth To Water

AEI CONSULTANTS - GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-2

Project Name: Jay Phares	Date of Sampling: 10/16/00
Job Number: 3581	Name of Sampler: DR
Project Address: 1450 Fruitvale Avenue	

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2"
Seal at Grade -- Type and Condition	Cement, good
Well Cap & Lock -- OK/Replace	OK
Elevation of Top of Casing	42.08
Depth of Well	28.00
Depth to Water	14.98
Water Elevation	27.10
Three Well Volumes (gallons)*	
2" casing: (TD - DTW)(0.16)(3)	6.25
4" casing: (TD - DTW)(0.65)(3)	
6" casing: (TD - DTW)(1.44)(3)	
Actual Volume Purged (gallons)	7
Appearance of Purge Water	Clear

GROUNDWATER SAMPLES

Number of Samples/Container Size	2 VOAs

Time	Vol Remvd (gal)	Temp (deg F)	PH	Cond (mS)	Comments
9:46	1	78.2	6.98	1231	
9:50	3	75.4	6.79	1239	
9:53	5	75.2	6.94	1221	

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

TD - Total Depth of Well
DTW - Depth To Water

AEI CONSULTANTS - GROUNDWATER MONITORING WELL FIELD SAMPLING FORM

Monitoring Well Number: MW-3

Project Name: Jay Phares	Date of Sampling: 10/16/00
Job Number: 3581	Name of Sampler: DR
Project Address: 1450 Fruitvale Avenue	

MONITORING WELL DATA

Well Casing Diameter (2"/4"/6")	2"
Seal at Grade -- Type and Condition	Cement, good
Well Cap & Lock -- OK/Replace	OK
Elevation of Top of Casing	42.55
Depth of Well	28.00
Depth to Water	17.98
Water Elevation	24.57
Three Well Volumes (gallons)*	
2" casing: (TD - DTW)(0.16)(3)	4.8
4" casing: (TD - DTW)(0.65)(3)	
6" casing: (TD - DTW)(1.44)(3)	
Actual Volume Purged (gallons)	6
Appearance of Purge Water	Clear

GROUNDWATER SAMPLES

Number of Samples/Container Size	2 VOAs

Time	Vol Remvd (gal)	Temp (deg F)	PH	Cond (mS)	Comments
10:05	1	74.8	6.98	1280	
10:09	3	75.1	6.98	1218	
10:13	5	73.1	6.74	1210	

COMMENTS (i.e., sample odor, well recharge time & percent, etc.)

TD - Total Depth of Well
DTW - Depth To Water

APPENDIX D

LABORATORY ANALYSES WITH CHAIN OF CUSTODY DOCUMENTATION

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

All Environmental, Inc. 3210 Old Tunnel Road, Suite B Lafayette, CA 94549-4157	Client Project ID: #3581; Jay Phares	Date Sampled: 09/25/00
		Date Received: 09/26/00
	Client Contact: Nick Walchuk	Date Extracted: 09/26-09/29/00
	Client P.O:	Date Analyzed: 09/26-09/29/00

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g)+	MTBE	Benzene	Toluene	Ethylben-zene	Xylenes	% Recovery Surrogate
48638	AEI-MW1 6.5'	S	ND	ND	ND	ND	ND	ND	104
48639	AEI-MW1 11.5'	S	15,j	ND	ND	0.31	ND	0.011	98
48641	AEI-MW2 6.5'	S	ND	ND	ND	ND	ND	ND	104
48642	AEI-MW2 11'	S	73,g,j	ND	ND	0.044	0.0080	0.040	85
48644	AEI-MW3 6.5'	S	ND	ND	ND	ND	ND	ND	101
48646	AEI-MW3 16'	S	360,a	ND<1	0.42	2.1	6.5	11	---#
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	5.0	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP and SPLP extracts in ug/L

cluttered chromatogram; sample peak coelutes with surrogate peak

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; j) no recognizable pattern.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Ave. South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

QC REPORT

Date: 09/26/00 Matrix: Soil

Extraction: N/A

Compound	Concentration: mg/kg				%Recovery		RPD
	Sample	MS	MSD	Amount Spiked	MS	MSD	
SampleID: 38430				Instrument: GC-7			
Surrogate1	0.000	99.0	98.0	100.00	99	98	1.0
Xylenes	0.000	310.0	308.0	300.00	103	103	0.6
Ethyl Benzene	0.000	99.0	100.0	100.00	99	100	1.0
Toluene	0.000	101.0	99.0	100.00	101	99	2.0
Benzene	0.000	99.0	98.0	100.00	99	98	1.0
MTBE	0.000	114.0	104.0	100.00	114	104	9.2
GAS	0.000	1043.2	1029.9	1000.00	104	103	1.3
SampleID: 92600				Instrument: MB-1			
Oil & Grease	0.000	19.4	19.6	20.00	97	98	1.0
SampleID: 39269				Instrument: GC-2 A			
Surrogate1	0.000	98.0	98.0	100.00	98	98	0.0
TPH (diesel)	0.000	281.0	276.0	300.00	94	92	1.8
SampleID: 39269				Instrument: IR-1			
TRPH	0.000	22.3	21.0	20.80	107	101	6.0

$$\%\ \text{Recovery} = \frac{(MS - Sample)}{AmountSpiked} \cdot 100$$

$$\text{RPD} = \frac{(MS - MSD)}{(MS + MSD)} \cdot 2 \cdot 100$$

RPD means Relative Percent Deviation

22163 ZAle 262

McCAMPBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HOUR ☐ 48 HOUR ☒ 5 DAY

Report To: ~~Peter McIntyre~~ NICK WALCHUK Bill To:
Company: ~~All Environmental~~ AEI CONSULTANTS
3210 Old Tunnel Road, Suite B
Lafayette, CA 94549-4157
Tele: (925) 283-6000 Fax: (925) 283-6121
Project #: 3581 Project Name: JAY PHARES
Project Location: FRUITVALE (OAKLAND)
Sampler Signature: Nick Walchuk

SAMPLE ID	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	BTEX & TPH as Gas (602/8020 + 8015)/ MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8240 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	RCI	Other	Comments
AEI-MW1 6.5'		9/25	10:45a	1			X				X				X																48638
11.5'			10:55a	1			X				X				X																48639
21.5'			11:15a	1			X				X																				48640 H
MW2 6.5'			8:40a	1			X				X				X																48641
11'			8:45	1			X				X				X																48642
20'			9:10a	1			X				X																				HOLD
MW3 6.5'			1:40p	1			X				X				X																48643 H
11'			1:50p	1			X				X				~~X~~ NO																HOLD
16'			2:30p	1			✓				X				X																[redacted]
21'			2:40p	1			X				X																				HOLD
																															48644
																															48645 H
																															48646
																															48647 H

Relinquished By:	Date:	Time:	Received By:
Nick Walchuk	9/26/00	7:30	S. Valles
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

Remarks:

ICE/T ●
GOOD CONDITION
HEAD SPACE ABSENT
PRESERVATION APPROPRIATE
CONTAINERS

VOAS | O&G | METALS | OTHER

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

All Environmental, Inc.	Client Project ID: #3581; Jay Phares-Corp	Date Sampled: 10/16/00
3210 Old Tunnel Road, Suite B		Date Received: 10/17/00
Lafayette, CA 94549-4157	Client Contact: Peter McIntyre	Date Extracted: 10/17-10/20/00
	Client P.O:	Date Analyzed: 10/17-10/20/00

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g)+	MTBE	Benzene	Toluene	Ethylben-zene	Xylenes	% Recovery Surrogate
50608	MW-1	W	4500,a	ND<20	560	14	53	62	109
50609	MW-2	W	4600,a	ND<300	380	3.8	95	33	---#
50610	MW-3	W	12,000,a	ND<10	570	32	680	1200	111
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	5.0	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP and SPLP extracts in ug/L

cluttered chromatogram; sample peak coelutes with surrogate peak

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; j) no recognizable pattern.

DHS Certification No. 1644

Edward Hamilton, Lab Director

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110 2nd Ave. South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

QC REPORT

Date: 10/17/00 Matrix: Water

Extraction: N/A

Compound	Concentration: ug/L				%Recovery		RPD
	Sample	MS	MSD	Amount Spiked	MS	MSD	
SampleID: 101600				Instrument: GC-12			
Surrogate1	0.000	97.0	95.0	100.00	97	95	2.1
Xylenes	0.000	311.0	315.0	300.00	104	105	1.3
Ethyl Benzene	0.000	105.0	105.0	100.00	105	105	0.0
Toluene	0.000	102.0	102.0	100.00	102	102	0.0
Benzene	0.000	104.0	104.0	100.00	104	104	0.0
MTBE	0.000	100.0	97.0	100.00	100	97	3.0
GAS	0.000	940.2	812.0	1000.00	94	81	14.6
SampleID: 101700				Instrument: MB-1			
Oil & Grease	0.000	19.6	19.4	20.00	98	97	1.0
SampleID: 101700				Instrument: GC-11 B			
Surrogate1	0.000	119.0	120.0	100.00	119	120	0.8
TPH (diesel)	0.000	315.0	327.0	300.00	105	109	3.7

$$\%\,\text{Recovery} = \frac{(MS - Sample)}{AmountSpiked} \cdot 100$$

$$\text{RPD} = \frac{(MS - MSD)}{(MS + MSD)} \cdot 2 \cdot 100$$

RPD means Relative Percent Deviation

22528 zale 274

McCAMPBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HOUR ☐ 48 HOUR ☒ 5 DAY

Report To: Peter McIntyre	Bill To:
Company: All Environmental	
3210 Old Tunnel Road, Suite B	
Lafayette, CA 94549-4157	
Tele: (925) 283-6000	Fax: (925) 283-6121
Project #: 3581	Project Name: Jax Phares - Comp
Project Location: FRUITVALE	
Sampler Signature:	

SAMPLE ID	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED Ice	HCl	HNO_3	Other
MW-1		10/16/00		2		X								
MW-2		"		2		X								
MW-3		"		2		X								

Analysis Request

BTEX & TPH as Gas (602/8020 + 8015)/ MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8240 / 8260	EPA 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010)	RCI	Other	Comments
X																
X																
X																

50608 ✓
50609 (X)
50610 (X)

Relinquished By:	Date:	Time:	Received By:
	10/17/00	4:35	VONAS
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

Remarks:

ICE/ ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
PRESERVATION ✓
CONTAINERS ✓