ERAS Environmental, Inc.

1533 B Street
Hayward, CA 94541

(510) 247-9885 Facsimile: (510) 886-5399 info@eras.biz

August 31, 2012

Mr. Ron Senna
7876 Cranford Lane
Dublin, California 94568

Subject: Limited Subsurface Investigation
1224-1244 Doolittle Drive
San Leandro, California
ERAS Project Number 12105B

Dear Mr. Senna:

ERAS Environmental, Inc. (ERAS) is pleased to present the results of the limited subsurface investigation at 1224-1244 Doolittle Drive in San Leandro, California (the "Property").

Because of the large number of identified areas on the Property that are considered to potentially pose a threat to subsurface conditions, ERAS drilled five soil borings for the collection of groundwater samples. These borings were drilled along the down-gradient side of the Property.

The location of the Property is shown on **Figure 1**. The former layout of the Property and boring locations are shown on **Figure 2**. The figures are included as **Attachment A**.

BACKGROUND

ERAS conducted a Phase 1 Environmental Site Assessment and the results were presented in a report dated May 31, 2012. ERAS determined the Property was developed with the current commercial building in approximately 1972. Prior to 1954 the Property was vacant and undeveloped.

Prior to the current building the Property was occupied by Standard Oil Company/Standard Service Station from approximately 1954 through 1972 and a Chevron Service Station from approximately 1972 through 1980.

Fire department records indicated a spill of gasoline was documented behind the building on the Property in 1969. There was no information obtained during the Phase 1 assessment to document the proper closure of USTs to current UST closure standards at the former gasoline service station

when it stopped operating.

A note in the Alameda County Fire Department file for the Property indicated that the USTs had been removed in January of 1980 during the widening of Davis Street. This note is included as **Attachment B**. ERAS also obtained the deed documents for the current owner which indicated the Property was purchased in April of 1980 after the removal of the USTs. The deed documents are also included in **Attachment B**.

ERAS recommended a subsurface investigation to assess subsurface conditions from the former use of the Property as a gasoline station.

The potential sources of contamination that are associated with the former gasoline station operations included underground storage tank (UST) locations containing gasoline and/or diesel fuel, fuel pump islands and product lines connecting the USTs and pump islands.

ERAS performed an aerial photograph review on June 25, 2012 to determine the former historical layout of the Property. The photo review indicated there were two different generations (configurations) of the gasoline station with different sets of USTs and pumps. The 1959 photograph indicated the location of the original gasoline station. The 1973 photograph showed another gasoline station layout with new canopies over new pump islands. The photos indicated that the areas of investigation would include two separate UST areas, four pump island areas as well as all of the associated piping that would have served two different gasoline stations.

Copies of the aerial photographs are included in **Attachment C**.

REGIONAL GEOLOGY/HYDROLOGY

The Property is in the western part of San Leandro, in the eastern part of the San Francisco Bay Area. The San Francisco Bay Area occupies the central part of the Santa Clara Valley, a broad alluvial valley that slopes gently northward toward San Francisco Bay and is flanked by alluvial fans deposited at the foot of the Diablo Range to the east and the Santa Cruz Mountains to the west (Goldman, 1967). The upland surfaces rising abruptly approximately four miles to the east of the Property are known as the East Bay Hills.

The elevation of the Property is approximately 13 feet above Mean Sea Level (MSL) according to the United States Geological Survey (USGS) San Leandro Quadrangle Topographic Map. Topography in the immediate vicinity slopes gently down toward the west. Regionally, topography in the area of the Property slopes down to the west toward the San Francisco Bay.

The sediments in the vicinity of the Property are fine-grained alluvial sediments that represent distal deposits of alluvial fans that were deposited by rivers draining upland surfaces to the east of the Property. These sediments were deposited in a low energy environment on the margins of San Francisco Bay. At shallow depths beneath these sediments are a series of Recent-age (<10,000 years) blue clay layers that become increasingly thicker toward San Francisco Bay (Helley, et al, 1974). These clay layers are known as the Bay Mud and were deposited in San Francisco Bay

during higher stands of sea level. In the vicinity of the Property it is likely that several hundred feet of these sediments overlie sandstone and serpentine sedimentary and metamorphic rocks of the Jurassic-aged Franciscan Formation bedrock.

The Property is located in an area known as the Bay Plain near the western edge of the San Leandro Cone, both sub-areas of the Santa Clara Valley Groundwater Basin. The Bay Plain area is characterized by thin fine-grained and generally unproductive alluvium and is therefore generally an unimportant portion of the ground water basin (California Department of Water Resources, 1967). The San Leandro Cone generally consists of thick permeable units separated by thick impermeable units. These sediments act as a groundwater recharge area of the Santa Clara Valley Groundwater Basin. Groundwater in the vicinity occurs in thin discontinuous water bearing strata up to 100 feet below ground surface. Deeper aquifers, occurring below 250 feet, are regional producers of groundwater. The regional groundwater flow follows the topography, moving from areas of higher elevation to areas of lower elevation.

The regional groundwater flow direction in the area of the Property is estimated to be to the west toward San Francisco Bay.

FIELD WORK PERFORMED

A drilling permit was obtained from Alameda County Public Works Agency (ACPWA) and is included as **Appendix D**.

The Property was screened with a magnetometer to clear the boring locations of underground utilities. The magnetometer was also used to screen the Property for the presence of USTs. No USTs were detected.

Five 2.5-inch diameter soil borings were drilled using a hydraulic push sampling rig by ECA of Aptos, California on July 18th, 2012. The locations of the borings are shown on **Figure 2** in **Attachment A**.

Borings B-1 through B-5 were advanced along the entire westerly edge of the Property. These borings were designed to be down-gradient of the location of the former USTs, pump islands, and product lines. Boring B-1 was advanced to 12 feet below ground surface (bgs) and borings B-2 through B-5 were advanced to 20 feet bgs.

Soil was continuously collected for lithologic logging and monitored using an organic vapor meter (OVM) for indication of hydrocarbon contamination. The soil cores were logged by ERAS geologist Andrew Savage.

The subsurface vadose zone lithology encountered consisted of silt, silty clay, and silty sand. Groundwater was encountered between 7 to 8 feet bgs. The waterbearing zone consisted of gravely sand, sandy silt, silt and sand.

No signs of contamination such as odor, discoloration or elevated OVM readings were observed

during the drilling of boring B-3, B-4, and B-5. Hydrocarbon odors were detected in borings B-1 and B-2. Details of subsurface conditions are provided on the soil boring logs as **Attachment E**.

A groundwater sample was collected for analysis from each boring. The Standard Operating Procedures for groundwater samples with a direct-push sample rig are included as **Attachment F**.

ANALYTICAL RESULTS

The groundwater samples were transported under chain-of-custody procedures to McCampbell Analytical, a state-certified laboratory in Pittsburg, California. The laboratory report and chain of custody form are included as **Attachment G**.

The samples were analyzed for the presence of the following potential contaminants.

- total petroleum hydrocarbons quantified as gasoline range organics (TPH-gro[1])
- TPH quantified as diesel range organics (TPH-dro) by EPA method 8015C
- benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tert butyl ether (MTBE) by EPA method 8021B
- oxygenates by EPA Method 8260
- total lead.

The concentrations of these constituents detected are displayed on the table below. Only the concentrations in bold were above the environmental screening levels (ESL) set forth by the Regional Water Quality Control Board (RWQCB) as of May 2008 for commercial properties where groundwater is considered a potential source of drinking water.

Boring	TPH-gro	TPH-dro	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
	µg/L							
B-1	**260**	**330**	<0.5	6.0	<0.5	<0.5	<0.5	<0.5
B-2	<50	<50	<0.5	<0.5	<0.5	<0.5	1.8	<0.5
B-3	<50	<50	<0.5	<0.5	<0.5	<0.5	1.8	<0.5
B-4	<50	<50	<0.5	<0.5	<0.5	<0.5	1.4	<0.5
B-5	<50	**230**	<0.5	<0.5	<0.5	<0.5	1.1	<0.5
ESL	100	100	1.0	40	30	20	5.0	2.5

[1] TPH-gro, TPH-dro, and TPH-oro are methods that compare analytical results to standards for gasoline, diesel and motor oil, respectively. Therefore analytical results are estimates of quantities based on what would be expected for the range of hydrocarbon results for the standard. Gasoline range organics (gro) are those hydrocarbon compounds that are in the range of C6 to C10, diesel range organics (dro) are those hydrocarbon compounds that are in the range of C10 to C23, and oil range organics (oro) are those hydrocarbon compounds that are in the range of C18 to C36. There can be overlap in reporting methods as well as identification of compounds that fall within the standard that may not necessarily be derived from gasoline, diesel, or oil.

CONCLUSIONS

ERAS identified a large number of areas on the Property that were considered potential sources of contamination to subsurface conditions due to the former use of the Property as a gas station which included two sets of former USTs, pump islands, and product lines.

ERAS advanced five soil borings (B-1 through B-5) on July 18th, 2012 for the collection of groundwater samples down gradient of former USTs, pump islands, and product lines on the Property. The samples were analyzed for the presence of TPH-gro, TPH-dro, BTEX, MTBE, oxygenates, and total lead.

Concentrations of TPH-gro (260 µg/L) and TPH-dro (230 µg/L and 330 µg/L) were detected above the ESL (100 µg/L) in borings B-1 and B-5. No concentrations of BTEX, MTBE or other oxygenates, or total lead were detected above the ESL.

The sources of the contamination have been removed (USTs, pump islands, and product lines). The detected concentrations were above the ESLs but no significant concentrations of volatile constituents were detected. The concentrations of hydrocarbons detected were all below the concentrations that pose a threat to indoor air.

Based on this subsurface investigation, there has not been enough characterization of the nature and extent of groundwater contamination to adequately assess the degree of threat (if any) to human health and safety or the environment. In accordance with the California Water Code Division 7, Section 13271, because there were chemical constituents detected above current ESLs, ERAS recommends that this report be forwarded to the Alameda County Environmental Services in San Leandro for their review and for their records.

ERAS also recommends that Alameda County Environmental Services be notified that Chevron was the last known owner/operator of the USTs, and that any further remedial investigation for this site should be pursued with Chevron. Based on available records, the USTs were removed from the Property in January of 1980 during the Davis Street widening project which is prior to the purchase of the property in April of 1980. Therefore, in accordance with California HSC Code Section 25281(j) and (k), the "Operator" of the USTs was the person in control of, or having daily responsibility for, the daily operation of the underground storage tank system, and the “owner” of the USTs means the owner of an underground storage tank. Since the current owner of the site never also owned the underground storage tanks, ERAS is of the opinion that the County of Alameda would need to request that Chevron commence site characterization and subsequent cleanup. This recommendation is also consistent with Federal regulations in 40 CFR 280.12 *owner* (b) which may have been in effect prior to the California regulations.

REFERENCES

California Department of Water Resources, Evaluation of Ground Water Resources South Bay, Appendix A: Geology, Bulletin 118-1, August 1967.

ERAS Environmental, Inc., Phase 1 Environmental Site Assessment, 1244 Doolittle, San Leandro,

California, ERAS Project Number 12105, May 31, 2012.

Goldman, Harold B., Geology of San Francisco Bay prepared for San Francisco Bay Conservation and Development Commission, February 1967.

Helley, E.J., La Joie, K.R., Spangle, W.E., and Blair, M.L., Flatland Deposits of the San Francisco Bay Region, California - their geology and engineering properties and their importance to comprehensive planning, U.S. Geological Survey Professional Paper 943, 1974.

U.S. Geological Survey. Topographic Map of the San Leandro 7.5 Minute Quadrangle. Photorevised 1968 and 1973. 1974

CERTIFICATION

This report has been prepared by ERAS Environmental, Inc. (ERAS) under the professional supervision of the Registered Geologist whose signature appears hereon.

Our firm has prepared this report for the Client's exclusive use for this particular project and in general accordance with the accepted standard of practice that exists in Northern California at the time the investigation was performed. No other representations, expressed or implied, and no warranty or guarantee is included or intended. No subsurface investigation is complete enough to guarantee that no contamination exists on a particular site and the judgments leading to conclusions and recommendations are generally made based on the data collected according to the scope of work performed and are therefore potentially limited and incomplete. More extensive studies can tend to reduce the uncertainties associated with this type of investigation.

This report may be used only by the client and only for the purposes stated within a reasonable time from its issuance. Land use, site conditions (both on-site and off-site) or other factors may change over time, and additional work may be required with the passage of time. Any party other than the client who wishes to use this report shall notify ERAS of such intended use. Based on the intended use of report, ERAS may require that additional work be performed and that an updated report be issued. Non-compliance with any of these requirements by the client or anyone else will release ERAS from any liability resulting from the use of this report by any unauthorized party.

If you have questions or comments regarding this report please contact Andrew Savage at 510-247-9885 x302, or by e-mail andrew@eras.biz.

ERAS thanks you for the opportunity to serve you.

Sincerely,
ERAS Environmental, Inc.

Curtis Payton
California Registered Professional Geologist 5608

Andrew Savage
Project Geologist

Attachments

A Figures
B UST Removal Note and Deed for Current Owner
C Aerial Photographs
D ACPWA Drilling Permit
E Field Boring Logs
F Standard Operating Procedures
G Laboratory Reports and Chain of Custody Form

ATTACHMENT A

FIGURES

Environmental FirstSearch

1 Mile Radius

ASTM Map: NPL, RCRACOR, STATE Sites

FIRSTSEARCH

1244 DOOLITTLE DR, SAN LEANDRO, CA 94577

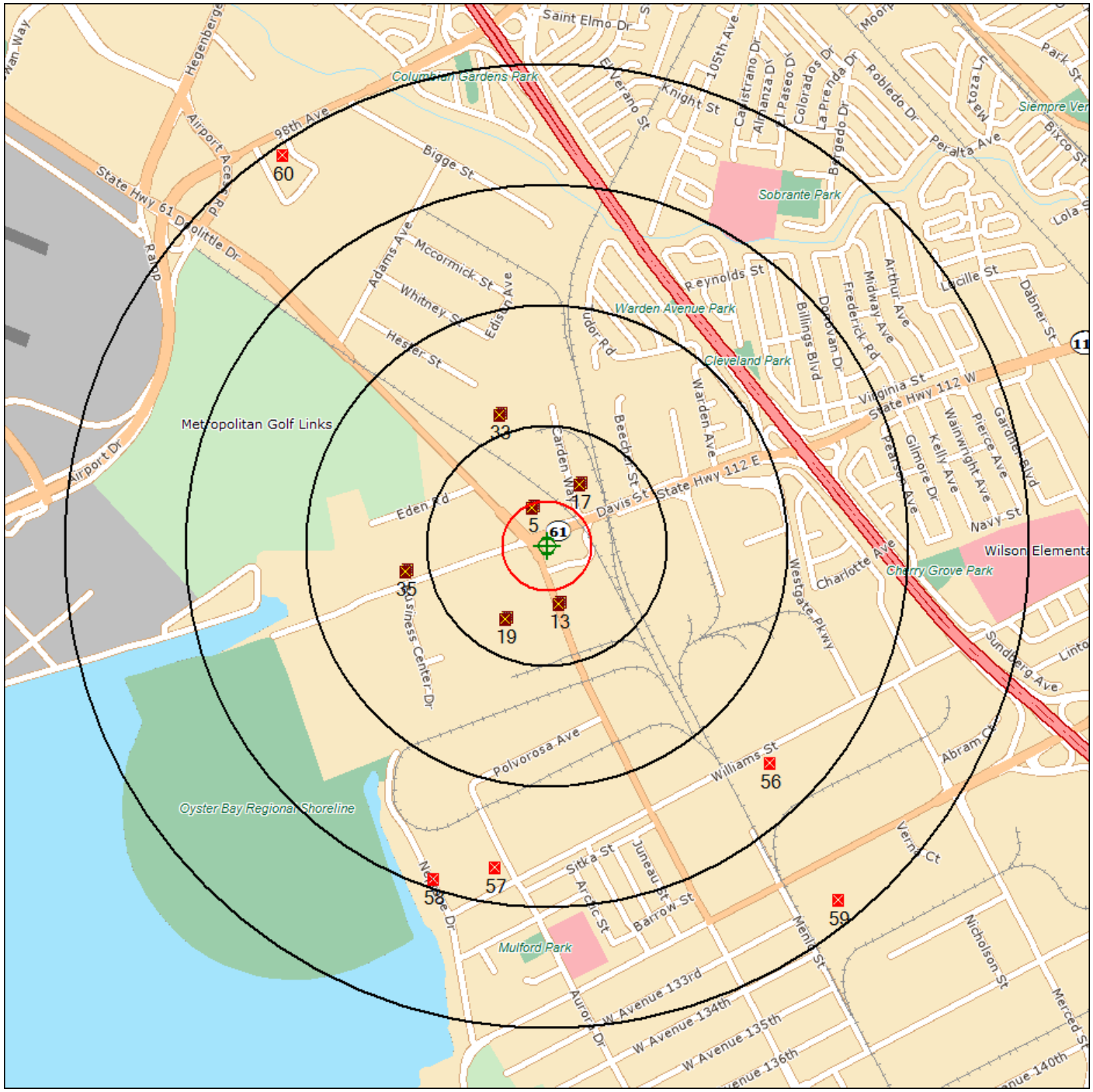
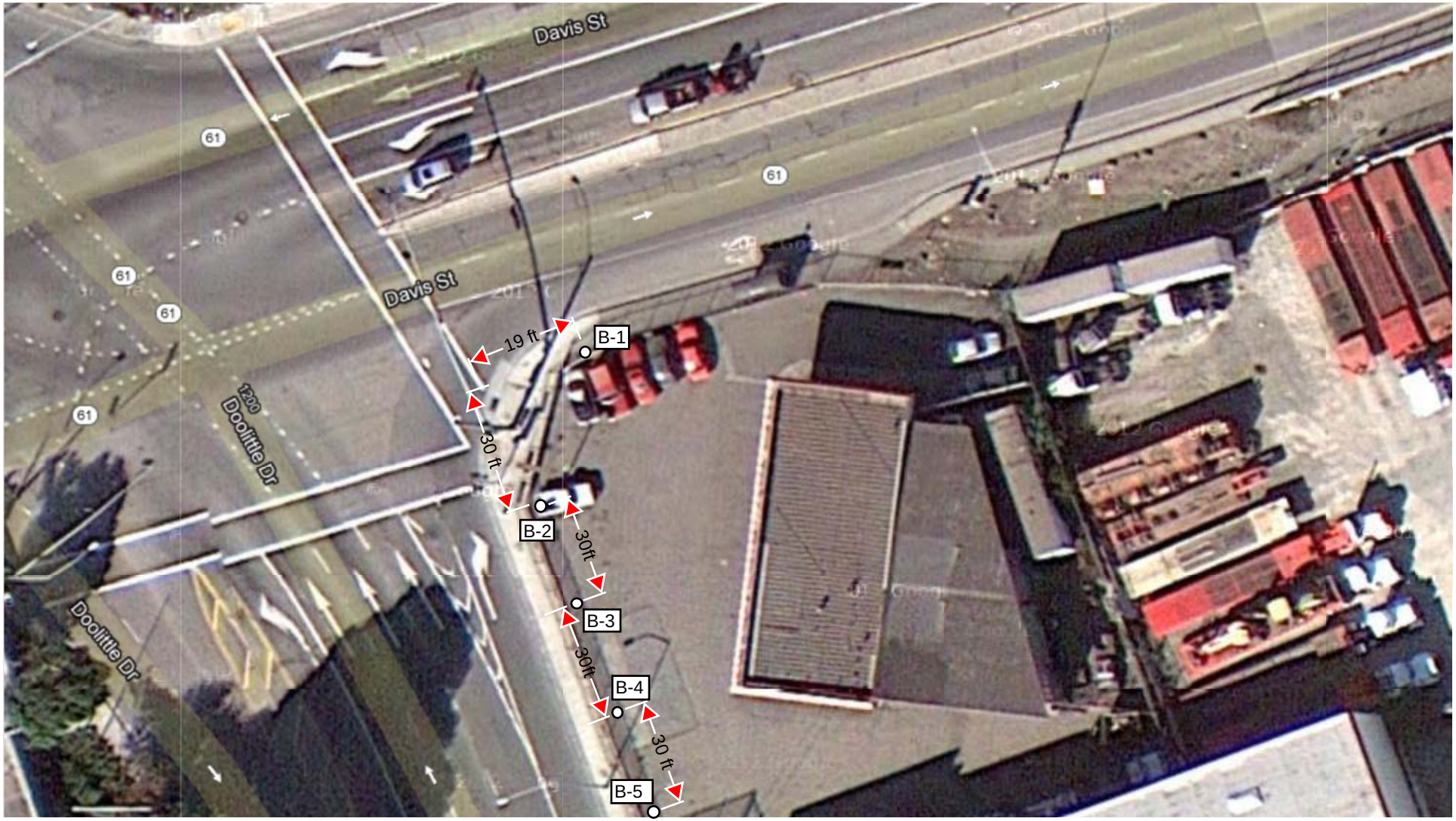


FIGURE 1
PROPERTY LOCATION MAP
1244 Doolittle Drive
San Leandro, CA
ERAS Project # 12105B

FIGURE 2
BORING LOCATION MAP
1244 Doolittle Drive
San Leandro, CA
ERAS Project # 12105B
Not To Scale

N



ATTACHMENT B

UST REMOVAL NOTE AND DEED FOR CURRENT OWNER

1-8-80

THE THREE 10000 GALLON UNDERGROUND TANKS HAVE BEEN REMOVED. FROM THIS STATION & THE STATION CLOSED DUE TO THE WIDENIN OF DAVIS ST. AND THE DAVIS ST. OVERPASS.

J. Nathe

RECORDING REQUESTED BY

80-071875

RECORDED at REQUEST OF
Transamerica Title Co.
At 10:30 AM.
APR 22 1980
OFFICIAL RECORDS OF
ALAMEDA COUNTY, CALIFORNIA
RENE C. DAVIDSON
COUNTY RECORDER

AND WHEN RECORDED MAIL TO

Senna Trucking Company
5022 Seaview Avenue
Castro Valley, CA 94546

SPACE ABOVE THIS LINE FOR RECORDER'S USE

MAIL TAX STATEMENTS TO

SAME AS ABOVE

TAX TRANSFER ALAMEDA COUNTY

DOCUMENTARY TRANSFER TAX $ 143.00
XXX COMPUTED ON FULL VALUE OF PROPERTY CONVEYED,
____ OR COMPUTED ON FULL VALUE LESS LIENS AND
____ ENCUMBRANCES REMAINING AT TIME OF SALE.
Transamerica Title Co.
Signature of Declarant or Agent determining tax. Firm Name

GRANT DEED

(Escrow No. 392571)

By this instrument dated April 15, 1980, for a valuable consideration,

AMELIA BARBIS, a widow

hereby GRANTS to

SENNA TRUCKING CO. INC., a California corporation

the following described Real Property in the State of California, County of Alameda

City of San Leandro

FOR LEGAL DESCRIPTION SEE ATTACHED "EXHIBIT A"

x Amelia Barbis
Amelia Barbis

STATE OF CALIFORNIA } SS.
COUNTY OF Alameda }

On April 18, 19 80, before me, the undersigned, a Notary Public in and for said County and State, personally appeared Amelia Barbis known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

Notary's Signature Diana Borgia

OFFICIAL SEAL
DIANA BORGIA
NOTARY PUBLIC - CALIFORNIA
COUNTY OF ALAMEDA
My Commission Expires Feb. 10, 1984

Form No. 340 Revised 9-67

MAIL TAX STATEMENTS AS DIRECTED ABOVE

05-03 392571

80-071875

"EXHIBIT A"

Beginning at the point of intersection of the Northeastern line of Doolittle Drive with the Southeastern line of Davis Street, as the same existed on June 5, 1958; running thence along said line of Doolittle Drive South 20 degrees 30 minutes East 190 feet; thence North 69 degrees 30 minutes East 150 feet; thence North 20 degrees 30 minutes West 190 feet to said line of Davis Street; and thence along the last named line South 69 degrees 30 minutes West 150 feet to the point of beginning

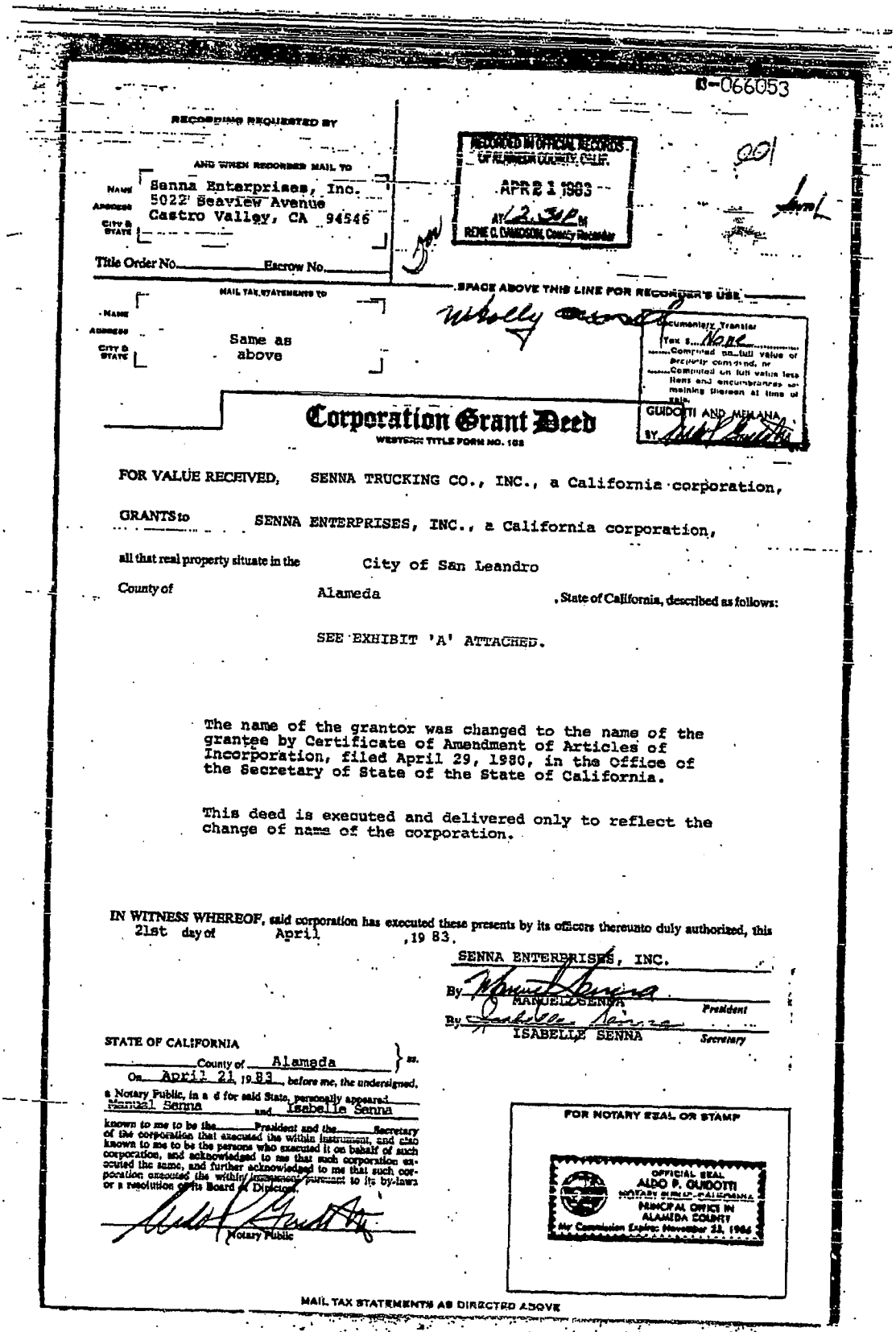
EXCEPTING THEREFROM: That portion thereof described in the Deed to the State of California, recorded June 6, 1958, Series No. AE/95518. Also excepting therefrom: That portion thereof described in the Deed to the City of San Leandro, recorded July 18, 1972 Reel 1183 Image 680, Series No. 72-96661.

FURTHER EXCEPTING THEREFROM THAT PORTION OF SAID LAND DESCRIBED AS FOLLOWS:

COMMENCING at the northeasterly corner of that certain parcel of land described in the deed to the City of San Leandro, recorded July 18, 1972, in Reel 3183, Image 680, Official Records of Alameda County, said corner being also on the southerly line of Davis Street; thence along said southerly line N. 70°53'37"E., 99.99 feet to the easterly line of that certain parcel of land described in the deed to Amelia Barbis, recorded August 2, 1968, in Reel 2229, Image 21, Official Records of Alameda County; thence along said easterly line S. 19°06'23"E., 55.11 Feet; thence N. 78°39'14"W., 37.81 feet; thence from a tangent that bears S. 74°56'40" W., along a curve to the right with a radius of 3043.00 Feet, through an angle of 0°32'22", an arc length of 28.65 feet; thence S. 75°29'02" W., 65.61 feet; thence from a tangent that bears S. 51°35'00" W., along a curve to the left with a radius of 35.00 feet, through an angle of 70°41'23", an arc length of 43.18 feet to the easterly line of Doolittle Drive; thence along last said line N. 19°06'23" W., 11.58 feet to the southeasterly line of said City of San Leandro parcel; thence along said southeasterly line, along a tangent curve to the right with a radius of 50.00 feet, through an angle of 90°00'00", an arc lenght of 78.53 feet to the point of commencement.

Assessor's Parcel No.: 77A-680-7-12.

RECORDER'S MEMO: Legibility for microfilming and copying



83-066053

RECORDING REQUESTED BY

AND WHEN RECORDED MAIL TO

Senna Enterprises, Inc.
5022 Seaview Avenue
Castro Valley, CA 94546

Title Order No. Escrow No.

RECORDED IN OFFICIAL RECORDS OF ALAMEDA COUNTY, CALIF.
APR 21 1983
AT 2:30 PM
RENE C. DAVIDSON, County Recorder

001

MAIL TAX STATEMENTS TO

Same as above

SPACE ABOVE THIS LINE FOR RECORDER'S USE

wholly owned

Documentary Transfer Tax $ None
Computed on full value of property conveyed, or
Computed on full value less liens and encumbrances remaining thereon at time of sale.
GUIDOTTI AND MENANA

Corporation Grant Deed

WESTERN TITLE FORM NO. 108

FOR VALUE RECEIVED, SENNA TRUCKING CO., INC., a California corporation,

GRANTS to SENNA ENTERPRISES, INC., a California corporation,

all that real property situate in the City of San Leandro

County of Alameda, State of California, described as follows:

SEE EXHIBIT 'A' ATTACHED.

The name of the grantor was changed to the name of the grantee by Certificate of Amendment of Articles of Incorporation, filed April 29, 1980, in the Office of the Secretary of State of the State of California.

This deed is executed and delivered only to reflect the change of name of the corporation.

IN WITNESS WHEREOF, said corporation has executed these presents by its officers thereunto duly authorized, this 21st day of April, 19 83.

SENNA ENTERPRISES, INC.

By Manuel Senna
MANUEL SENNA, President

By Isabelle Senna
ISABELLE SENNA, Secretary

STATE OF CALIFORNIA
County of Alameda } ss.

On April 21, 1983, before me, the undersigned, a Notary Public, in and for said State, personally appeared Manuel Senna and Isabelle Senna

known to me to be the President and the Secretary of the corporation that executed the within instrument, and also known to me to be the persons who executed it on behalf of such corporation, and acknowledged to me that such corporation executed the same, and further acknowledged to me that such corporation executed the within instrument pursuant to its by-laws or a resolution of its Board of Directors.

Aldo P. Guidotti
Notary Public

FOR NOTARY SEAL OR STAMP

OFFICIAL SEAL
ALDO P. GUIDOTTI
NOTARY PUBLIC - CALIFORNIA
PRINCIPAL OFFICE IN
ALAMEDA COUNTY
My Commission Expires November 23, 1986

MAIL TAX STATEMENTS AS DIRECTED ABOVE

83-066053

Exhibit "A"

Beginning at the point of intersection of the Northeastern line of Doolittle Drive with the Southeastern line of Davis Street, as the same existed on June 5, 1956; running thence along said line of Doolittle Drive South 20 degrees 30 minutes East 190 feet; thence North 69 degrees 30 minutes East 150 feet; thence North 20 degrees 30 minutes West 190 feet to said line of Davis Street; and thence along the last named line South 69 degrees 30 minutes West 150 feet to the point of beginning

EXCEPTING THEREFROM: That portion thereof described in the Deed to the State of California, recorded June 6, 1958, Series No. AP/55518. Also excepting therefrom: That portion thereof described in the Deed to the City of San Leandro, recorded July 18, 1972 Reel 3183 Image 680, Series No. 72-96661.

FURTHER EXCEPTING THEREFROM THAT PORTION OF SAID LAND DESCRIBED AS FOLLOWS:

COMMENCING at the northeasterly corner of that certain parcel of land described in the deed to the City of San Leandro, recorded July 18, 1972, in Reel 3183, Image 680, Official Records of Alameda County, said corner being also on the southerly line of Davis Street; thence along said southerly line N. 70°53'37"E., 99.99 feet to the easterly line of that certain parcel of land described in the deed to Amelia Barbis, recorded August 2, 1968, in Reel 2229, Image 21, Official Records of Alameda County; thence along said easterly line S. 19°06'23"E., 55.11 Feet; thence N: 78°39'14"W., 37.81 feet; thence from a tangent that bears S. 74°56'40" W., along a curve to the right with a radius of 3043.00 Feet, through an angle of 0°32'22", an arc length of 28.65 feet; thence S. 75°29'02" W., 65.61 feet; thence from a tangent that bears S. 51°35'00" W., along a curve to the left with a radius of 35.00 feet, through an angle of 70°41'23", an arc length of 43.18 feet to the easterly line of Doolittle Drive; thence along last said line N. 19°06'23" W., 11.58 feet to the southeasterly line of said City of San Leandro parcel; thence along said southeasterly line, along a tangent curve to the right with a radius of 50.00 feet, through an angle of 90°00'00", an arc lenght of 78.53 feet to the point of commencement.

Assessor's Parcel No.: 77A-680-7-12

EX. A

RECORDER'S MEMO: Legibility and/or copying unsatisfactory in a portion of this document when received.

RECORDING REQUESTED BY

AND WHEN RECORDED MAIL TO

NAME GUIDOTTI AND MELLANA
ADDRESS ATTORNEYS AT LAW
CITY & STATE 4895 SHATTUCK AVENUE
P.O. BOX 3042
OAKLAND, CALIFORNIA 94609

Title Order No. Escrow No.

88-166411

RECORDED IN OFFICIAL RECORDS
OF ALAMEDA COUNTY, CALIF.
RENE C. DAVIDSON, CO. RECORDER

8/5

'88 JUL 5 PM 2 46

SPACE ABOVE THIS LINE FOR RECORDER'S USE

MAIL TAX STATEMENTS TO

NAME Manuel Senna
ADDRESS 5022 Seaview Avenue
CITY & STATE Castro Valley, CA 94546

Documentary Transfer Tax $ None
Computed on full value of property conveyed, or
Computed on full value less liens and encumbrances remaining thereon at time of sale.
GUIDOTTI AND MELLANA
BY

Corporation Grant Deed

WESTERN TITLE FORM NO. 102

FOR VALUE RECEIVED, SENNA ENTERPRISES, INC. (formerly known as SENNA TRUCKING CO., INC., a California corporation)

GRANTS to MANUEL SENNA, a single person, as to an undivided one-half (1/2) interest, and MANUEL SENNA, as executor of the Estate of Isabelle M. Senna, as to an undivided one-half (1/2) interest

all that real property situate in the City of San Leandro

County of Alameda, State of California, described as follows:

See Exhibit 'A' for legal descriptions -

A TRANSFER TO THE SHAREHOLDERS UPON DISSOLUTION OF THE CORPORATION and Cancellation of Stock

IN WITNESS WHEREOF, said corporation has executed these presents by its officers thereunto duly authorized, this 29th day of June, 19 88.

SENNA ENTERPRISES, INC.

By Manuel Senna
MANUEL SENNA President

By Helen P. Joaquin
HELEN P. JOAQUIN Secretary

STATE OF CALIFORNIA } ss.
County of Alameda

On June 29, 1988, before me, the undersigned, a Notary Public, in and for said State, personally appeared Manuel Senna and Helen P. Joaquin

known to me to be the President and the Secretary of the corporation that executed the within instrument, and also known to me to be the persons who executed it on behalf of such corporation, and acknowledged to me that such corporation executed the same, and further acknowledged to me that such corporation executed the within instrument pursuant to its by-laws or a resolution of its Board of Directors.

Notary Public

FOR NOTARY SEAL OR STAMP

OFFICIAL SEAL
ALDO P. GUIDOTTI
NOTARY PUBLIC - CALIFORNIA
ALAMEDA COUNTY
My Comm. Expires Feb 22, 1991

MAIL TAX STATEMENTS AS DIRECTED ABOVE

EXHIBIT A

Parcel 1: TO FIND the actual point of beginning, commence at a point on the northeastern line of Shore Line Boulevard, as said boulevard now exists since January 22, 1947, distant thereon south 20° 30' east 391.41 feet from the southeastern line of Davis Street; run thence north 69° 30' east 183.52 feet; thence tangent with the last named course easterly on a curve to the right with a radius of 421.24 feet, a distance of 22 feet, more or less, to a point at the intersection of said curve with a line drawn south 20° 30' east from a point on said line of Davis Street, distant thereon south 69° 15' west 75 feet from the southwestern line of the 2.55 acre tract of land described in the deed by A. T. Barbis, et al, to Robertson Truck-A-Ways Inc., dated April 19, 1948, recorded April 27, 1948 in book 5485 of Official Records of Alameda County at page 252, under Recorder's Series No. AC/34167, said point of intersection being the actual point of beginning of the land herein described; running thence from said actual point of beginning north 20° 30' west 391 feet, more or less, to said line of Davis Street; thence along the last named line north 69° 15' east 75 feet to the southwestern line of said 2.55 acre tract; thence along the last named line south 28° 04' 30" east 423 feet, more or less, to the extension easterly of said curve of 421.24 feet radius; thence westerly along said curve 132 feet, more or less, to the actual point of beginning.

Parcel 2: TO FIND the point of beginning commence at a point on the northeastern line of Shore Line Boulevard, as said boulevard now exists since January 22, 1947, distant thereon south 20° 30' east 391.41 feet from the southeastern line of Davis Street; run thence north 69° 30' east 183.52 feet; thence tangent with the last named course easterly on a curve to the right with a radius of 421.24 feet, a distance of 155 feet, more or less, to a line drawn south 28° 04' 30" east from a point on said line of Davis Street, distant thereon south 69° 30' west 200 feet from the southwestern line of the 0.734 acre tract of land designated as Parcel 1-A in the deed by A. T. Barbis, et al, to A. N. Paterson and Mabel C. Paterson dated May 29, 1947, recorded June 20, 1947 in book 5159 of Official Records of Alameda County, page 279 under Recorder's Series No. AB/52905; and running thence from said point of beginning north 28° 04' 30" west 423 feet, more or less, to said line of Davis Street; thence along the last named line north 69° 30' east 200 feet to the southwestern line of said 0.734 acre tract; thence along the last named line southeasterly 720 feet, more or less, to the extension easterly of said curve of 421.24 feet radius; thence along said curve westerly 400 feet, more or less, to the point of beginning.

CONTAINING an area of 2.55 acres, more or less.

EXCEPTING FROM SAID PARCELS above-described that portion conveyed to the State of California by deed recorded April 8, 1981, as Instrument No. 81-55390, Office of the County Recorder, County of Alameda.

APN 77A-680-1-4
77A-680-1-3

EXHIBIT A

Beginning at the point of intersection of the Northeastern line of Doolittle Drive with the Southeastern line of Davis Street, as the same existed on June 5, 1958; running thence along said line of Doolittle Drive South 20 degrees 30 minutes East 190 feet; thence North 69 degrees 30 minutes East 150 feet; thence North 20 degrees 30 minutes West 190 feet to said line of Davis Street; and thence along the last named line South 69 degrees 30 minutes West 150 feet to the point of beginning.

EXCEPTING THEREFROM: That portion thereof described in the Deed to the State of California, recorded June 6, 1958, Series No. AP/55518. Also excepting therefrom: That portion thereof described in the Deed to the City of San Leandro, recorded July 18, 1972 Reel 3183 Image 680, Series No. 72-96661.

FURTHER EXCEPTING THEREFROM THAT PORTION OF SAID LAND DESCRIBED AS FOLLOWS:

COMMENCING at the northeasterly corner of that certain parcel of land described in the deed to the City of San Leandro, recorded July 18, 1972, in Reel 3183, Image 680, Official Records of Alameda County, said corner being also on the southerly line of Davis Street; thence along said southerly line N. 70°53'37"E., 99.99 feet to the easterly line of that certain parcel of land described in the deed to Amelia Barbis, recorded August 2, 1968, in Reel 2229, Image 21, Official Records of Alameda County; thence along said easterly line S. 19°06'23"E., 55.11 Feet; thence N. 78°39'14"W., 37.81 feet; thence from a tangent that bears S. 74°56'40" W., along a curve to the right with a radius of 3043.00 feet, through an angle of 0°32'22", an arc length of 28.65 feet; thence S. 75°29'02" W., 65.61 feet; thence from a tangent that bears S. 51°35'00" W., along a curve to the left with a radius of 35.00 feet, through an angle of 70°41'23", an arc length of 43.18 feet to the easterly line of Doolittle Drive; thence along last said line N. 19°06'23" W., 11.58 feet to the southeasterly line of said City of San Leandro parcel; thence along said southeasterly line, along a tangent curve to the right with a radius of 50.00 feet, through an angle of 90°00'00", an arc lenght of 78.53 feet to the point of commencement.

Assessor's Parcel No.: 77A-680-7-12

EXHIBIT A

F-166411

Beginning at a point on the southern line of Davis Street distant thereon north 69° 30' east 150.00 feet from the point of intersection thereof with the eastern line of Doolittle Drive, as said point of intersection existed June 5, 1958; thence along the said line of Davis Street north 69° 30' east 55.36 feet to a point on the western boundary line of the parcel of land described in deed to Oakland Title Insurance and Guaranty Company, a corporation, recorded January 10, 1949, Series No. AD/1780, Book 5699, Official Records page 61; thence along the said last mentioned line south 20° 30' east 391.96 feet to a point on the northern boundary line of that certain easement described in instrument to Southern Pacific Company, a corporation, recorded February 27, 1958, under Recorder's Series No. AP/19141, in Book 8603 of Official Records of Alameda County, page 497; thence along the said last mentioned line and along the northwestern boundary line thereof, the three following courses and distances: westerly and southwesterly along the arc of a curve to the left having a radius of 421.24 feet, from a tangent which bears south 72° 27' 42" west, 97.077 feet, thence south 59° 15' 27" west tangent to the said last mentioned arc 60.00 feet, and thence southwesterly along the arc of a curve to the right having a radius of 372.24 feet (the chord of said curve bears south 63° 06' 20" west 49.96 feet) an arc distance of 50.00 feet to a point on the said eastern line of Doolittle Drive; thence along the said last mentioned line north 20° 30' west 224.34 feet to a point on a line drawn parallel with the said southern line of Davis Street distant 190.00 feet southerly therefrom measured at right angles thereto; thence along the said parallel line so drawn north 69° 30' east 150.00 feet until intersected by a line drawn south 20° 30' east from the point of beginning; thence along the line so drawn north 20° 30' west 190.00 feet to the point of beginning.

APN 77A-680-7-15

Portion of the land described in the Deed by American Trust Company to Durward Vierra and Gerald Vierra, dated November 3, 1938, recorded December 10, 1938, Book 3729, Page 38, Alameda County Records, described as follows:

Beginning at the intersection of the Eastern line of Franklin Lane with the Southern line of Park Stareet, formerly San Leandro Boulevard, as the same existed on the date of the above mentioned Deed; and thence along said line of Park Street South 83°49'30" East 14.88 feet and Easterly on a curve to the right with a radius of 300 feet, a distance of 85.80 feet; thence parallel with said line of Frankin Lane South 9°03' West 244.78 feet to a line drawn parallel with and distant at right angles 80 feet Northeasterly from the Northeastern line of the right of way 80 feet wide of the Western Pacific Railway Company; thence along the line so drawn North 43°29'30" West 125.42 feet to said Eastern line of Franklin Lane; thence along the last named line North 9°03' East 176.26 feet to the point of beginning.

Assessors Parcel No. 75-224-1

EXHIBIT A

88-166411

BEGINNING at a point on the southwestern line of Park Street, formerly San Leandro Boulevard, as described in the deed from Henry A. Hazen, a single man, to City of San Leandro, a municipal corporation, dated July 15, 1931, recorded December 26, 1931, under Recorder's Series No. BB/71168, in Book 2735 of Official Records of Alameda County, Page 239, distant thereon easterly and southeasterly 487.07 feet from the point of intersection of the southern line of Park Street with the eastern line of Franklin Lane; running thence along the southwestern line of Park Street, the two following courses and distances: south 66° 12' east 11.04 feet, and thence southeasterly along the arc of a curve to the right, with a radius of 520.00 feet, tangent to the said last mentioned course, 285.43 feet, more or less, to a point on the southeastern line of the property described in the deed from James Byrnes to Mary McSweeney, dated January 24, 1912, recorded January 24, 1912 under Recorder's Series No. 0-49921, in Book 2016 of Deeds, Page 132, Alameda County Records; thence along the said last mentioned line south 59° 01' 30" west 348.91 feet to a point on the northeastern line of that certain parcel of land firstly described in the deed from Berry J. Hazen to Henry W. Hazen, dated July 17, 1929 recorded May 13, 1931 in Book 2557 of Official Records of Alameda County, Page 449, Recorder's Series No. BB/28073; thence along the said last mentioned line south 30° 58' 30" east 44.27 feet to a line drawn north 59° 18' 15" east from a point on the northeastern line of San Leandro Boulevard, as said boulevard is described in deed for public highway from Louis Gregoris and wife, to City of San Leandro, a municipal corporation, dated August 5, 1941 recorded August 16, 1941, under Recorder's Series No. CO/44998 in Book 4101 of Official Records of Alameda County, Page 306, distant thereon north 43° 49' 30" west 138.27 feet from the most eastern corner of the said parcel of land described in the deed to Henry W. Hazen; thence along the line so drawn south 59° 18' 15" west 30.75 feet to a point on the said northeastern line of San Leandro Boulevard; thence along the last mentioned line north 43° 49' 30" west 250.44 feet until intersected by the direct production southerly of the western boundary line of that certain parcel of land described in deed from Standard Freight Lines, Inc., a corporation to M. & H Truck & Trailer Service, a corporation dated July 23, 1956 recorded August 9, 1956 under Recorder's Series No. AL/84336 in Book 8115 of Official Records of Alameda County, Page 367; thence along the said line so produced north 14° 02' 11" east 120.685 feet to the most western corner of the said last mentioned parcel of land; thence along the exterior boundary line thereof, the two following courses and distances: south 75° 57' 49" east 150.00 feet, and thence north 25° 21' 45" east 171.547 feet to the point of beginning.

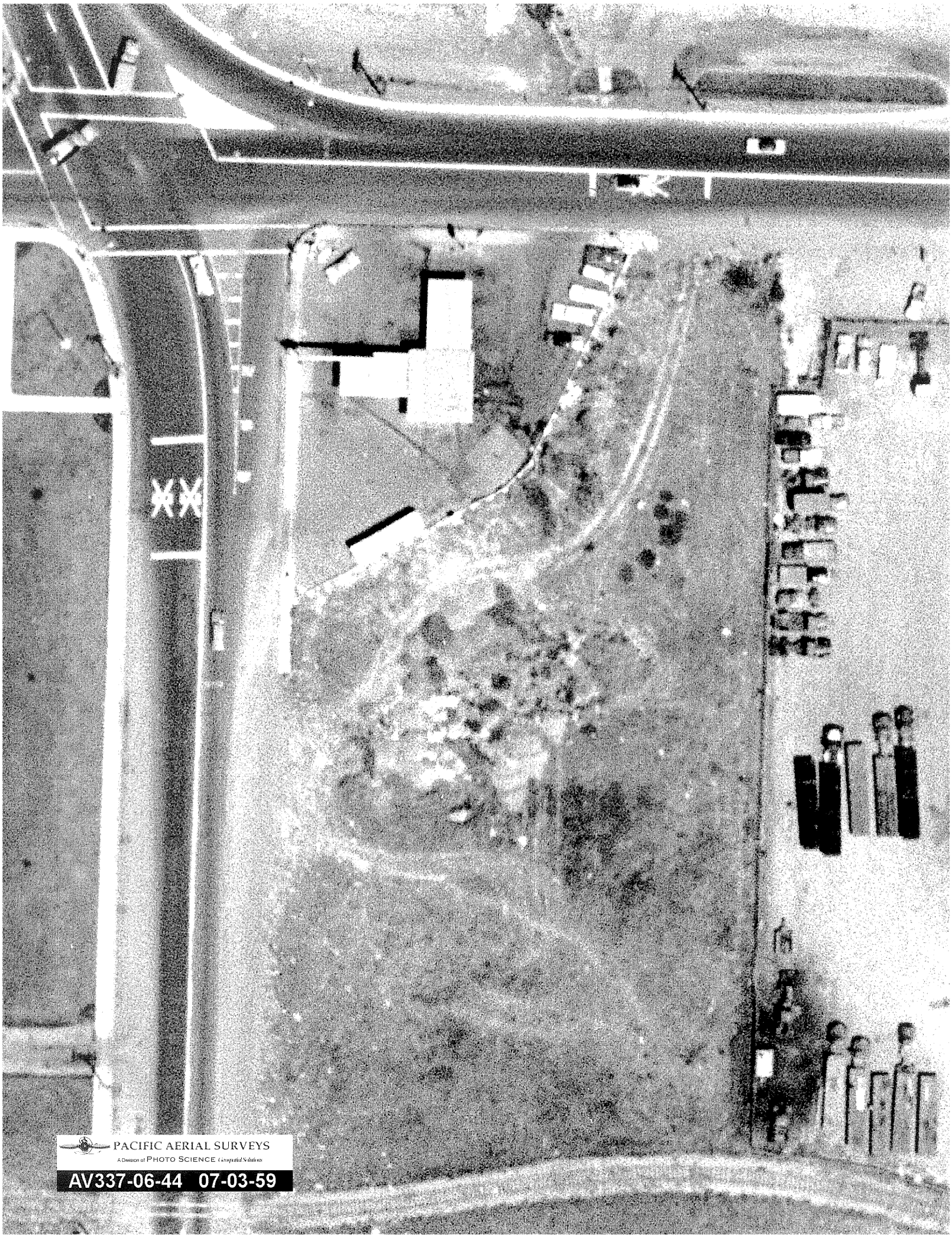
EXCEPTING THEREFROM, that portion thereof conveyed by California Home and Car Services, Inc., formerly Standard Freight Lines, a corporation to M & H. Truck & Trailer Service, a corporation, by deed dated December [illegible], 1961 and recorded December 29, 1961 in Reel 484, Image 413, Official Records of said County.

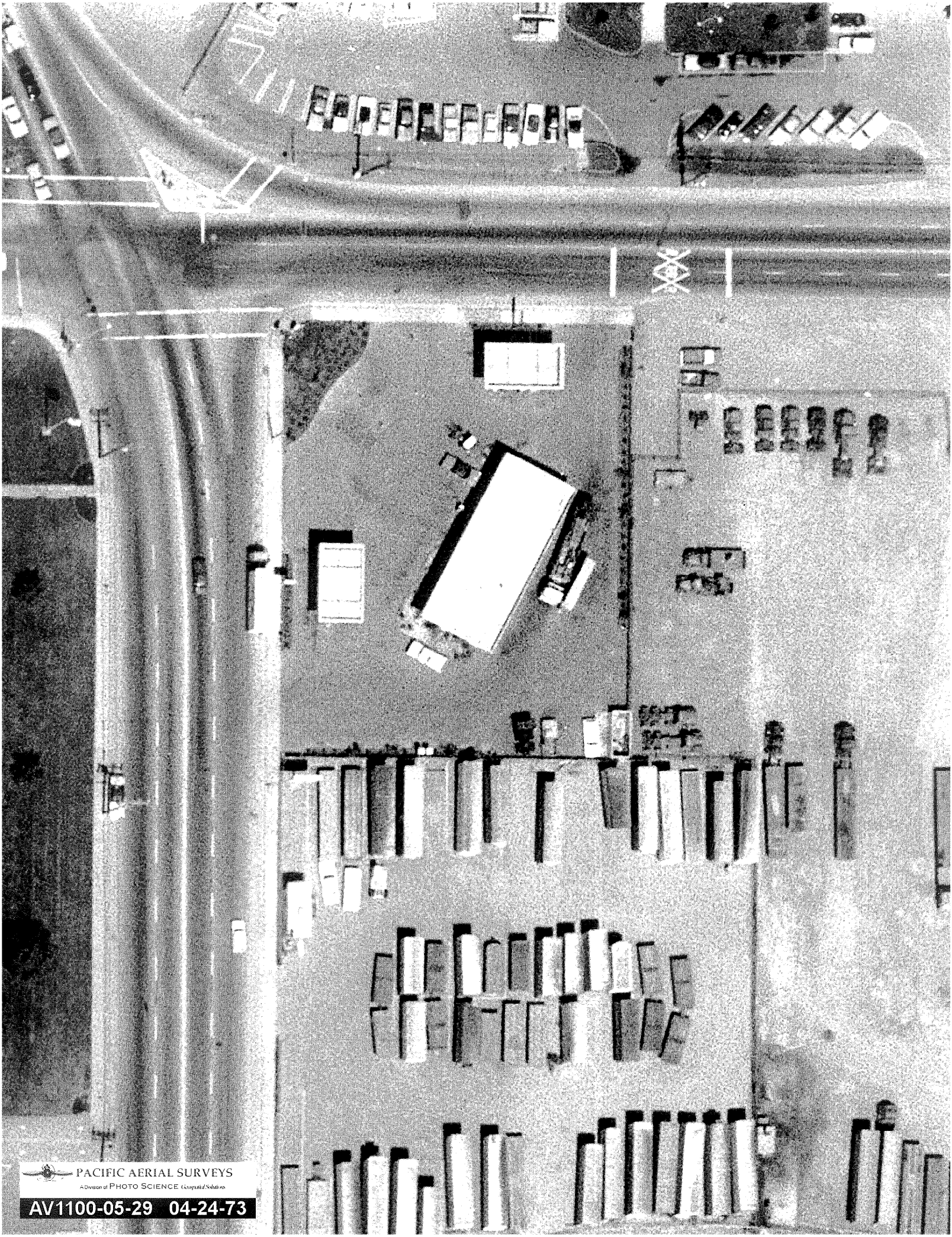
APN 75-224-4-6

EXHIBIT A

ATTACHMENT C

AERIAL PHOTOGRAPHS


PACIFIC AERIAL SURVEYS
A Division of PHOTO SCIENCE Geospatial Solutions
AV337-06-44 07-03-59


PACIFIC AERIAL SURVEYS
A Division of PHOTO SCIENCE Geospatial Solutions
AV1100-05-29 04-24-73

ATTACHMENT D

ACPWA DRILLING PERMIT

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 07/11/2012 By jamesy

Permit Numbers: W2012-0493
Permits Valid from 07/18/2012 to 07/18/2012

Application Id: 1341875072946 **City of Project Site:** San Leandro
Site Location: 1224-1244 Doolittle Drive, San Leandro, CA/ Drill five borings to 16 feet bgs for soil and groundwater sampling
Project Start Date: 07/18/2012 **Completion Date:** 07/18/2012
Assigned Inspector: Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

Applicant:	ERAS Environmental, Inc. - Andrew Savage 1533 B Street, Hayward, CA 94541	**Phone:** 510-247-9885 x302
Property Owner:	Ron Senna 7876 Cranford Lane, Dublin, CA 94568	**Phone:** --
Client:	Ron Senna 7876 Cranford Lane, Dublin, CA 94568	**Phone:** --
Contact:	Andrew Savage	**Phone:** 510-247-9885 x302 **Cell:** 925-330-8926

Total Due: $265.00
Receipt Number: WR2012-0215 **Total Amount Paid:** $265.00
Payer Name : Andrew Savage Paid By: MC **PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitorinig Study - 5 Boreholes
Driller: Environmental Control Associates - Lic #: 695970 - Method: DP **Work Total: $265.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2012-0493	07/11/2012	10/16/2012	5	2.75 in.	20.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Applicant shall contact Steve Miller for an inspection time at (510) 670-5517 or email to stevem@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit

application on site shall result in a fine of $500.00.

6. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

7. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

ATTACHMENT E

FIELD BORING LOGS

ERAS Environmental	Log of Boring B-1
PROJECT: 12105B	ADDRESS: 1244 Doolittle
JOB NUMBER: 12105B	LOCATION: Far Corner
DATE STARTED: 7-18-12	First Water (ft. bgs.): 7.5 DATE: 7-18-12
DATE FINISHED: 7-18-12	TOTAL DEPTH: 12 feet
DRILLING METHOD: Hydraulic Push	GEOLOGIST: Andrew Savage
DRILLING COMPANY: ECA	Reviewed By:

DEPTH ft.	PID (ppm)	SAMPLE NO.	RECOVERY	GRAPHIC LOG	WATER LEVEL	GEOLOGIC DESCRIPTION
						Asphalt + 3/4 inch baserock
	@4' 0			CL		Silty Clay, very dark brown (10YR 2/2) damp medium stiff, medium plasticity, no hydrocarbon (HC) odor
5					▽	
	@8' 18.0			SW		Gravely Sand, dark yellowish brown (10YR 3/4) wet, medium dense, ~60% fine to coarse sand well graded, ~40% 1/8" - 1/4" gravel + concrete, slight HC odor
10	@12' 17.7			CL		Silty Clay, dark grey (10YR 3/1) wet medium stiff medium plasticity, HC odor present
						Bottom of Boring 12 feet bgs 7-18-12
15						
20						

ERAS Environmental	Log of Boring B-2
PROJECT: 12105B	ADDRESS: 1244 Doolittle
JOB NUMBER: 12105B	LOCATION: Near 5th
DATE STARTED: 7-18-12	First Water (ft. bgs.): 7 DATE: 7-18-12
DATE FINISHED: 7-18-12	TOTAL DEPTH: 20 Feet
DRILLING METHOD: Hydraulic Push	GEOLOGIST: Andrew Savage
DRILLING COMPANY: ECA	Reviewed By:

DEPTH ft.	PID (ppm)	SAMPLE NO.	RECOVERY	GRAPHIC LOG	WATER LEVEL	GEOLOGIC DESCRIPTION
						Asphalt + 3/4 inch baserock
				CL		Silty Clay, very dark brown (10YR 2/2) damp, medium stiff, medium plasticity, no HC odor
	@4' 6			SM		Silty Sand, dark yellowish brown (10YR 3/4) damp medium dense, ~30% fines, ~70% fine to medium grain poorly graded sand, no HC odor
5				CL		Silty Clay, dark yellowish brown (10YR 3/4) damp medium stiff, medium plasticity, no HC odor
	@7.5' 16.0		NR	ML		Silt, dark yellowish brown (10YR 3/4) wet medium stiff, low plasticity, no HC odor
				CL		Silty Clay, dark brown (10YR 3/3) damp medium stiff, medium plasticity, no HC odor
10	@12' 8.5			ML		Sandy Silt, dark brown (10YR 3/3) wet medium stiff, low plasticity, ~70% fines, ~30% fine to coarse well graded sand, HC odor present
	@13.5' 9.0		NR NR NR NR NR			
15				SW		Gravely Sand, dark yellowish brown (10YR 3/4) wet, medium dense, ~20% fines, ~50% fine to coarse well graded sand, ~30% 1/8 - 1/4 inch gravel, no HC odor
20	@20' 10					Bottom of Boring 20 feet bgs 7-18-12

ERAS Environmental	Log of Boring B-3
PROJECT: 12105B	ADDRESS: 1244 Doolittle
JOB NUMBER: 12105B	LOCATION:
DATE STARTED: 7-18-12	First Water (ft. bgs.): 7.5 DATE: 7-18-12
DATE FINISHED: 7-18-12	TOTAL DEPTH: 20 feet
DRILLING METHOD: Hydraulic Push	GEOLOGIST: Andrew Sonza
DRILLING COMPANY: ECA	Reviewed By:

DEPTH ft.	PID (ppm)	SAMPLE NO.	RECOVERY	GRAPHIC LOG	WATER LEVEL	GEOLOGIC DESCRIPTION
						Asphalt + 3/4 inch baserock
	@4' 0			CL		Silty Clay, very dark brown (10YR 2/2) damp medium stiff, medium plasticity, no HC odor
5				ML		Silt, dark yellowish brown (10YR 3/4) damp, medium stiff, low plasticity, no HC odor
				CL		Silty Clay, dark yellowish brown (10YR 3/4) damp, medium stiff, medium plasticity, no HC odor
	@8' 0			ML	▽	Silt, dark yellowish brown (10YR 3/4) wet medium stiff, low plasticity, no HC odor
				CL		Silty Clay, dark yellowish brown (10YR 3/4) damp medium stiff, medium plasticity, no HC odor
10	@12'					at 12 feet color change to yellowish brown (10YR 5/4)
	@15' 0			CL		Sandy Clay, yellowish brown (10YR 5/4) wet medium stiff, medium plasticity, no HC odor ~70% fines, ~30% fine to coarse well graded sand
15	@18' 0			SW		Sand, dark yellowish brown (10YR 3/4) wet medium dense, fine to coarse well graded sand, no HC odor present
20	@20' 0					Bottom of Boring 20 feet bgs 7-18-12

ERAS Environmental	Log of Boring B-4
PROJECT: 12105B	ADDRESS: 1244 Doolittle
JOB NUMBER: 12105B	LOCATION:
DATE STARTED: 7-18-12	First Water (ft. bgs.): 7 DATE: 7-18-12
DATE FINISHED: 7-18-12	TOTAL DEPTH: 20 feet
DRILLING METHOD: Hydraulic Push	GEOLOGIST: Andrew Savage
DRILLING COMPANY: ECA	Reviewed By:

DEPTH ft.	PID (ppm)	SAMPLE NO.	RECOVERY	GRAPHIC LOG	WATER LEVEL	GEOLOGIC DESCRIPTION
						Asphalt + 3/4 inch base rock
	@4' 0			CL		Silty Clay, very dark brown (10YR2/2) damp, medium stiff, medium plasticity, no HC odor
5						
	@8' 0			ML		Silt, dark yellowish brown (10YR3/4) wet medium stiff, low plasticity, no HC odor
				CL		Silty Clay, dark yellowish brown (10YR3/4) damp, medium stiff, medium plasticity, no HC odor
10	@12' 0					
	@15' 0			SM		Silty Sand, dark yellowish brown (10YR3/4) wet, medium dense, ~40% fines, ~60% fine to coarse well graded sand, no HC odor
	@18' 0			SW		Sand, dark yellowish brown (10YR3/4) wet, medium dense, well graded fine to coarse sand, no HC odor
20	@20' 0					Bottom of Boring 20 feet bgs 7-18-12

ERAS Environmental	Log of Boring B-5
PROJECT: 12105B	ADDRESS: 1244 Doolittle
JOB NUMBER: 12105B	LOCATION:
DATE STARTED: 7-18-12	First Water (ft. bgs.): 8 DATE: 7-18-12
DATE FINISHED: 7-18-12	TOTAL DEPTH: 20 feet
DRILLING METHOD: Hydraulic Push	GEOLOGIST: Andrew Savage
DRILLING COMPANY: ECA	Reviewed By:

DEPTH ft.	PID (ppm)	SAMPLE NO.	RECOVERY	GRAPHIC LOG	WATER LEVEL	GEOLOGIC DESCRIPTION
						Asphalt + 3/4" baserock
				CL		Silty Clay, very dark brown (10YR2/2) damp, medium stiff, medium plasticity, no HC odor
	@4' 0					
5	@6' 0		NR NR NR NR		▽	
				ML		Silt, dark yellowish brown (10YR3/4) wet, medium stiff, low plasticity, no HC odor
				CL		Silty Clay, dark yellowish brown (10YR3/4) damp, medium plasticity, no HC odor
	@12' 0					
15	@15' 0					
				SW		Gravelly Sand, dark yellowish brown (10YR3/4) wet, medium dense ~60% fine to coarse well graded sand, ~40% 1/8" - 1/4" gravel, no HC odor
	@18' 0					
20	@20' 0					Bottom of Boring 20 feet bgs 7-18-12

ATTACHMENT F

STANDARD OPERATING PROCEDURES

STANDARD OPERATING PROCEDURE – DIRECT PUSH BORINGS

SOIL CORING AND SAMPLING PROCEDURES

Prior to drilling, all boreholes will be hand dug to a depth of 4-5 feet below ground surface (bgs) to check for underground utilities.

Soil and groundwater samples are collected for lithologic and chemical analyses using a direct driven soil coring system. A hydraulic hammer drives sampling rods into the ground to collect continuous soil cores. As the rods are advanced, soil is driven into an approximately 2.5-inch-diamter sample barrel that is attached to the end of the rods. Soil samples are collected in sleeves inside the sample barrel as the rods are advanced. After being driven 4 to 5 feet into the ground, the rods are removed from the borehole. The sleeve containing the soil core is removed from the sample barrel, and can then be preserved for chemical analyses, or used for lithologic description. This process is repeated until the desired depth or instrument refusal is reached.

A soil core interval selected for analyses is cut from the sleeve using a pre-cleaned hacksaw. The ends of the tube are covered with aluminum foil or Teflon liner and sealed with plastic caps. The soil-filled liner is labeled with the bore number, sample depth, site location, date, and time. The samples are placed in bags and stored in a cooler containing ice. Soil from the core adjacent to the interval selected for analyses is placed in a plastic zip-top bag. The soil is allowed to volatilize for a period of time, depending on the ambient temperature. The soil is scanned with a flame-ionization detector (FID) or photo-ionization detector (PID).

All sample barrels, rods, and tools (e.g. hacksaw) are cleaned with Alconox or equivalent detergent and de-ionized water. All rinsate from the cleaning is contained in 55-gallon drums at the project site.

GROUNDWATER SAMPLING FROM DIRECT PUSH BORINGS

After the targeted water-bearing zone has been penetrated, the soil-sample barrel is removed from the borehole. Small-diameter well casing with 0.010-inch slotted well screen may be installed in the borehole to facilitate the collection of groundwater samples. Threaded sections of PVC are lowered into the borehole. Groundwater samples may then be collected with a bailer, peristaltic pump, submersible or other appropriate pump until adequate sample volume is obtained. Perstaltic pumps are not used in applications requiring a lift of greater than 1 feet of net head.

Groundwater samples are preserved, stored in an ice-filled cooler, and are delivered, under chain-of-custody, to a laboratory certified by the California Department of Health Services (DHS) for hazardous materials analysis.

BOREHOLE GROUTING FOR DIRECT PUSH BORINGS

Upon completion of soil and water sampling, boreholes will be abandoned with neat cement grout to the surface. If the borehole was advanced into groundwater, the grout is pumped through a grouting tube positioned at the bottom of the borehole.

ATTACHMENT G

LABORATORY REPORT AND
CHAIN OF CUSTODY FORM – GROUNDWATER

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

ERAS Environmental, Inc.	Client Project ID: #12105B; 1244 Doolittle	Date Sampled: 07/18/12
		Date Received: 07/19/12
1533 B Street	Client Contact: Andrew Savage	Date Reported: 07/26/12
Hayward, CA 94541	Client P.O.:	Date Completed: 07/26/12

WorkOrder: 1207520

July 26, 2012

Dear Andrew:

Enclosed within are:

1) The results of the **5** analyzed samples from your project: **#12105B; 1244 Doolittle,**
2) QC data for the above samples, and
3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

CHAIN OF CUSTODY FORM

120720

McCampbell Analytical, Inc
1534 Willow Pass Rd.
Pittsburg, CA 94565
877.252.9262
925.252.9269 - fax

Turnaround Time: Rush | 24Hr | 48 Hr | 72 Hr | 5 Day (X)

Geotracker: PDF | Excel | Write On (DW

Report To: ERAS **Bill To:** ERAS

Company: ERAS Environmental, Inc.

Email: info@eras.biz

Telephone: 510-247-9885 **Fax:** 510-886-5399

Project # 12105B

Project location 1244 Doolittle

Sampler: Andrew

Sample ID	Location/Field Point Name	Sampling Date	Sampling Time	# of Containers	Container Type	Matrix: Soil	Matrix: Water	Matrix: Waste	Preservative: HCL	Preservative: H2SO4	Preservative: HNO3	Preservative: ICE	Preservative: None	Analysis Requested: TPH-g by 8015C, BTEX, MTBE EPA 8021B, oxygenates by EPA	Analysis Requested: TPH-d by 8015C whith Silica Gel Cleanup	Analysis Requested: Total Lead	Other	Comments
B-1		7/18/2012	9:03	6	VOA		X		X					X				
B-1		7/18/2012	9:03	2	1-L		X						X		X			
B-1		7/18/2012	9:03	1	Poly		X			X						X		
B-2		7/18/2012	10:22	6	VOA		X		X					X				
B-2		7/18/2012	10:22	2	1-L		X						X		X			
B-2		7/18/2012	10:22	1	Poly		X			X						X		
B-3		7/18/2012	11:09	6	VOA		X		X					X				
B-3		7/18/2012	11:09	2	1-L		X						X		X			
B-3		7/18/2012	11:09	1	Poly		X			X						X		
B-4		7/18/2012	12:03	6	VOA		X		X					X				
B-4		7/18/2012	12:03	2	1-L		X						X		X			
B-4		7/18/2012	12:03	1	Poly		X			X						X		
B-5		7/18/2012	13:22	6	VOA		X		X					X				
B-5		7/18/2012	13:22	2	1-L		X						X		X			
B-5		7/18/2012	13:22	1	Poly		X				X					X		

RELINQUISHED BY: **RECEIVED BY:**

Relinquished by:	Date: 7/19/12	Time: 1730	Recieved by:	
Relinquished by:	Date: 7/19/12	Time: 1815	Recieved by:	
Relinquished by:	Date:	Time:	Recieved by:	

ICE/t- 4.2 Condition

Head space absent

Dechlorinated in lab

Appropriate containers

Preserved in Lab

Preservation: VOA's | O&G | Metals | Other; pH<2

Comments: Please PDF

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1207520 **ClientCode: ERAS**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Andrew Savage
ERAS Environmental, Inc.
1533 B Street
Hayward, CA 94541
(510) 247-9885 FAX: (510) 886-5399

Email: info@eras.biz; andrew@eras.biz
cc:
PO:
ProjectNo: #12105B; 1244 Doolittle

Bill to:
Kasey Cordoza
ERAS Environmental, Inc.
1533 B Street
Hayward, CA 94541

Requested TAT: 5 days

Date Received: **07/19/2012**
Date Printed: **07/19/2012**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1207520-001	B-1	Water	7/18/2012 9:03	☐	B	A	D	C								
1207520-002	B-2	Water	7/18/2012 10:22	☐	B	A	D	C								
1207520-003	B-3	Water	7/18/2012 11:09	☐	B	A	D	C								
1207520-004	B-4	Water	7/18/2012 12:03	☐	B	A	D	C								
1207520-005	B-5	Water	7/18/2012 13:22	☐	B	A	D	C								

Test Legend:

1	5-OXYS_W	2	G-MBTEX_W	3	PBMS_W	4	TPH(D)WSG_W	5	
6		7		8		9		10	
11		12							

Prepared by: Zoraida Cortez

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Sample Receipt Checklist

Client Name: **ERAS Environmental, Inc.** Date and Time Received: **7/19/2012 7:03:47 PM**

Project Name: **#12105B; 1244 Doolittle** LogIn Reviewed by: Zoraida Cortez

WorkOrder N°: **1207520** Matrix: Water Carrier: Benjamin Yslas (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 4.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☑	NA ☐
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments: Sample 002 had to be preserved in house to pH<2 for total metals.

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ERAS Environmental, Inc. 1533 B Street Hayward, CA 94541	Client Project ID: #12105B; 1244 Doolittle	Date Sampled: 07/18/12
		Date Received: 07/19/12
	Client Contact: Andrew Savage	Date Extracted: 07/21/12
	Client P.O.:	Date Analyzed: 07/21/12

Oxygenated Volatile Organics by P&T and GC/MS*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1207520

Lab ID	1207520-001B	1207520-002B	1207520-003B	1207520-004B	Reporting Limit for DF =1	
Client ID	B-1	B-2	B-3	B-4		
Matrix	W	W	W	W		
DF	1	1	1	1	S	W
Compound	**Concentration**				ug/kg	µg/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	NA	0.5
t-Butyl alcohol (TBA)	ND	ND	ND	ND	NA	2.0
Diisopropyl ether (DIPE)	ND	ND	ND	ND	NA	0.5
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	NA	0.5
Methyl-t-butyl ether (MTBE)	ND	1.8	1.8	1.4	NA	0.5
Surrogate Recoveries (%)						
%SS1:	91	91	90	88		
Comments						

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

b1) aqueous sample that contains greater than ~1 vol. % sediment

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Angela Rydelius, Lab Manager

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ERAS Environmental, Inc. 1533 B Street Hayward, CA 94541	Client Project ID: #12105B; 1244 Doolittle	Date Sampled: 07/18/12
		Date Received: 07/19/12
	Client Contact: Andrew Savage	Date Extracted: 07/21/12
	Client P.O.:	Date Analyzed: 07/21/12

Oxygenated Volatile Organics by P&T and GC/MS*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1207520

Lab ID	1207520-005B				Reporting Limit for DF =1		
Client ID	B-5						
Matrix	W						
DF	1				S	W	
Compound	**Concentration**				ug/kg	µg/L	
tert-Amyl methyl ether (TAME)	ND				NA	0.5	
t-Butyl alcohol (TBA)	ND				NA	2.0	
Diisopropyl ether (DIPE)	ND				NA	0.5	
Ethyl tert-butyl ether (ETBE)	ND				NA	0.5	
Methyl-t-butyl ether (MTBE)	1.1				NA	0.5	
Surrogate Recoveries (%)							
%SS1:	88						
Comments	b1						

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

b1) aqueous sample that contains greater than ~1 vol. % sediment

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ERAS Environmental, Inc.	Client Project ID: #12105B; 1244 Doolittle	Date Sampled: 07/18/12
		Date Received: 07/19/12
1533 B Street	Client Contact: Andrew Savage	Date Extracted: 07/21/12-07/25/12
Hayward, CA 94541	Client P.O.:	Date Analyzed: 07/21/12-07/25/12

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1207520

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
001A	B-1	W	260	ND	ND	6.0	ND	ND	1	120	d9
002A	B-2	W	ND	ND	ND	ND	ND	ND	1	---#	c1
003A	B-3	W	ND	ND	ND	ND	ND	ND	1	---#	c1
004A	B-4	W	ND	ND	ND	ND	ND	ND	1	---#	c1
005A	B-5	W	ND	ND	ND	ND	ND	ND	1	---#	c1,b1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference. %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
b1) aqueous sample that contains greater than ~1 vol. % sediment
c1) surrogate recovery exceeds the control limits due to dilution / matrix interference / coelution / presence of surrogate compound in the sample
d9) no recognizable pattern

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ERAS Environmental, Inc. 1533 B Street Hayward, CA 94541	Client Project ID: #12105B; 1244 Doolittle	Date Sampled: 07/18/12
		Date Received: 07/19/12
	Client Contact: Andrew Savage	Date Extracted: 07/19/12
	Client P.O.:	Date Analyzed: 07/24/12-07/25/12

Lead by ICP-MS*

Extraction method: E200.8 Analytical methods: E200.8 Work Order: 1207520

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS	Comments
1207520-001D	B-1	W	TOTAL	ND	1	112	
1207520-002D	B-2	W	TOTAL	ND	1	114	
1207520-003D	B-3	W	TOTAL	ND	1	114	
1207520-004D	B-4	W	TOTAL	ND	1	115	
1207520-005D	B-5	W	TOTAL	ND	1	107	b1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	0.5	µg/L
	S	TOTAL	NA	mg/Kg

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

b1) aqueous sample that contains greater than ~1 vol. % sediment

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ERAS Environmental, Inc.	Client Project ID: #12105B; 1244 Doolittle	Date Sampled: 07/18/12
		Date Received: 07/19/12
1533 B Street	Client Contact: Andrew Savage	Date Extracted 07/19/12
Hayward, CA 94541	Client P.O.:	Date Analyzed 07/20/12-07/21/12

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3510C/3630C Analytical methods: SW8015B Work Order: 1207520

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS	Comments
1207520-001C	B-1	W	330	1	88	e4,e2
1207520-002C	B-2	W	ND	1	87	
1207520-003C	B-3	W	ND	1	87	
1207520-004C	B-4	W	ND	1	87	
1207520-005C	B-5	W	230	3	97	e7,e2,b1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract/matrix interference.

%SS = Percent Recovery of Surrogate Standard. DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
b1) aqueous sample that contains greater than ~1 vol. % sediment
e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.
e7) oil range compounds are significant

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 69340 | WorkOrder: 1207520

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: 1207455-019A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
tert-Amyl methyl ether (TAME)	ND	10	89.7	90.3	0.709	89.6	70 - 130	20	70 - 130
t-Butyl alcohol (TBA)	ND	40	98.2	104	5.49	92.8	70 - 130	20	70 - 130
Diisopropyl ether (DIPE)	ND	10	89.6	89.6	0	93.1	70 - 130	20	79 - 111
Ethyl tert-butyl ether (ETBE)	ND	10	93	93.3	0.308	94.4	70 - 130	20	70 - 130
Methyl-t-butyl ether (MTBE)	ND	10	92.1	92.2	0.173	90.9	70 - 130	20	70 - 130
%SS1:	107	25	92	91	1.60	89	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 69340 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1207520-001B	07/18/12 9:03 AM	07/21/12	07/21/12 7:28 AM	1207520-002B	07/18/12 10:22 AM	07/21/12	07/21/12 8:08 AM
1207520-003B	07/18/12 11:09 AM	07/21/12	07/21/12 8:49 AM	1207520-004B	07/18/12 12:03 PM	07/21/12	07/21/12 9:30 AM
1207520-005B	07/18/12 1:22 PM	07/21/12	07/21/12 10:11 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 69353 | WorkOrder: 1207520

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1207487-006A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	60	93.3	95.6	2.39	96.2	70 - 130	20	70 - 130
MTBE	ND	10	97.1	110	12.0	105	70 - 130	20	70 - 130
Benzene	ND	10	87.5	93	6.15	88.9	70 - 130	20	70 - 130
Toluene	ND	10	86.8	93	6.75	89.2	70 - 130	20	70 - 130
Ethylbenzene	ND	10	89	94.7	6.22	91.5	70 - 130	20	70 - 130
Xylenes	ND	30	90.4	96.4	6.45	92.6	70 - 130	20	70 - 130
%SS:	97	10	92	92	0	91	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 69353 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1207520-001A	07/18/12 9:03 AM	07/21/12	07/21/12 5:40 AM	1207520-002A	07/18/12 10:22 AM	07/25/12	07/25/12 4:02 AM
1207520-003A	07/18/12 11:09 AM	07/21/12	07/21/12 7:38 AM	1207520-004A	07/18/12 12:03 PM	07/21/12	07/21/12 8:08 AM
1207520-005A	07/18/12 1:22 PM	07/21/12	07/21/12 8:37 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or inconsistency in sample containers.

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QA/QC Officer

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QC SUMMARY REPORT FOR E200.8

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 69244 | WorkOrder: 1207520

EPA Method: E200.8 **Extraction: E200.8** **Spiked Sample ID: 1207376-005A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Lead	ND	50	104	105	0.285	97.1	70 - 130	20	85 - 115
%SS:	110	750	114	113	0.399	98	70 - 130	20	85 - 115

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 69244 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1207520-001D	07/18/12 9:03 AM	07/19/12	07/24/12 7:01 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR E200.8

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 69284 | WorkOrder: 1207520

EPA Method: E200.8 **Extraction: E200.8** **Spiked Sample ID: 1207376-006A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Lead	ND	50	117	117	0	97.8	70 - 130	20	70 - 130
%SS:	115	750	119	118	0.878	100	70 - 130	20	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 69284 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1207520-002D	07/18/12 10:22 AM	07/19/12	07/24/12 10:47 AM	1207520-003D	07/18/12 11:09 AM	07/19/12	07/24/12 4:15 PM
1207520-004D	07/18/12 12:03 PM	07/19/12	07/24/12 4:22 PM	1207520-005D	07/18/12 1:22 PM	07/19/12	07/25/12 6:44 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 69287 | WorkOrder: 1207520

EPA Method: SW8015B **Extraction: SW3510C/3630C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	107	N/A	N/A	70 - 130
%SS:	N/A	625	N/A	N/A	N/A	93	N/A	N/A	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 69287 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1207520-001C	07/18/12 9:03 AM	07/19/12	07/20/12 7:30 PM	1207520-002C	07/18/12 10:22 AM	07/19/12	07/20/12 6:23 PM
1207520-003C	07/18/12 11:09 AM	07/19/12	07/20/12 5:16 PM	1207520-004C	07/18/12 12:03 PM	07/19/12	07/20/12 8:37 PM
1207520-005C	07/18/12 1:22 PM	07/19/12	07/21/12 9:55 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer