RM Associates

Environmental Consultants

January 4, 2011

Mr. Jerry Wickham
Hazard Materials Specialist
Alameda County Health Care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Reference: **Rotten Robbie No 64**
(Formerly East Avenue Services)
4186 East Avenue, Livermore, California
Fuel Leak Case No. RO0002881

Subject: **Case Closure Request Report**
December 30, 2010

Dear Mr. Wickham:

Enclosed is a copy of the subject report for the referenced site. The report was prepared and is submitted by RMA Associates, Inc, on behalf of Robinson Oil Corporation (ROC). The report complies with your letter to ROC dated September 21, 2010.

The report and this cover letter will be submitted electronically according to your requirements for electronic submission and has also been uploaded to GeoTracker.

RMA hereby certifies under the penalty of perjury, that to the best of our knowledge, all information and data presented in the report are true and correct. Mr. Robinson has reviewed the report and has authorized its transmittal. Mr. Robinson's transmittal letter is included in Appendix C of the report.

Should you have any questions regarding this report, please contact Thomas Robinson of Robinson Oil Corporation at (408) 327-4334, or the undersigned at (907) 357-6797.

Sincerely,

RM ASSOCIATES

Ronald W. Michelson, RG (CA 3875)
Principal Geologist

Cc: Tom Robinson, Robinson Oil Corporation

Enclosures:

Office: 907-357-6797
619 S. Knik-Goose Bay Road, Suite H, #253, Wasilla, AK 99654
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TECHNICAL REPORT

CASE CLOSURE REQUEST REPORT

Rotten Robbie No. 64
4186 East Avenue
Livermore, California
Fuel Leak Case No. RO0002881

Prepared for:
Robinson Oil Corporation
955 Martin Avenue
Santa Clara, CA 95050

Prepared by:
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Project No. 101-6404

December 30, 2010

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CASE CLOSURE RQUEST REPORT

Rotten Robbie No. 64 (Formerly East Avenue Services)
4186 East Avenue, Livermore, California

December 30, 2010

1.0 INTRODUCTION

This request for fuel leak case closure for the Rotten Robbie No. 64 facility (formerly East Avenue Services), located at 4186 East Avenue, Livermore, California, has been prepared by RM Associates, Inc. (RMA) on behalf of Robinson Oil Corporation (ROC), Santa Clara, California. The data supporting the criteria for low-risk case closure at this site were originally presented in the following references listed below and will be further summarized herein:

1) "Report of Phase II Environmental Assessment," by RMA, dated May 13, 2005

2) "Work Plan for Site Investigation (Installation of Groundwater Monitoring Wells)." by RMA, dated March 28, 2006

3) "Report of Preliminary Site Investigation Including UST Removal," by RMA, dated May 30, 2007

4) Groundwater Monitoring Reports No.1 through No. 5, by RMA dated from January 22, 2008 through April 29, 2010.

The case closure review will specifically address the technical comments provided by the Alameda County Health Care Services Agency (ACHCSA) in their letter of September 21, 2010 to Mr. Thomas L. Robinson of ROC and Mr. Ed Coats, the former owner/operator of the property doing business as East Avenue Services.

2.0 SITE DESCRIPTION AND BACKGROUND SUMMARY

<u>Site Location</u>

4186 East Avenue
Livermore, California
Contact: Mr. Thomas L. Robinson (408) 257-2222

Figure 1 is a street map illustrating the general vicinity of the site. The site had been operated until July 2005 as East Avenue Services, a retail automotive fueling and service station facility that had five USTs and two dispenser islands. The former USTs consisted of four 4,000-gallon tanks and one 6,000-gallon tank all containing gasoline. During the period of March and April 2007, the former UST's were replaced at the property by one 20,000 gallon USTs contain, two

12,000 gasoline USTs, one containing gasoline and the other containing diesel. The USTs were relocated to the north east corner of the property.

2.1 Phase II Environmental Assessment

In April 2005, preliminary to a property transaction, RMA conducted a routine Phase II Environmental Assessment (PIIEA) that involved the installation of seven shallow soil borings and the collection and analysis of eleven soil samples and five groundwater grab samples. The results of this assessment are presented in the May 13, 2005 report cited above. In this case closure request report, the analytical results for the PIIEA soil samples collected at this site are summarized in Table 1. The analytical results for all of the groundwater grab samples and groundwater monitoring samples collected at the site are summarized in Table 6, thus the analytical results for the PIIEA are included in Table 6. Soil boring logs associated with the PIIEA are included in Appendix A.

Figure 2 is a site diagram showing the location of the former and existing building structures on the property, the former and existing USTs and fuel dispensing islands, the locations of the soil sample and groundwater grab sample collection, including the PIIEA samples locations.

No significant concentrations of the aromatic hydrocarbons benzene, toluene, ethylbenzene or xylenes (BTEX) were found in any of the 11 soil samples collected during the Phase II EA. The only noteworthy concentrations were total petroleum hydrocarbons as gasoline (TPHg) at 46 milligrams per kilogram (mg/kg) and total petroleum hydrocarbons as diesel (TPHd) at 290 mg/kg detected in soil boring S-7 at 22 ft. below bgs. The TPHd result is likely weathered gasoline because no diesel fuel was known to have been stored or dispensed at the facility during its operation as East Avenue Services.

Significant concentrations of petroleum hydrocarbons were detected in only one of the five groundwater grab samples collected during the PIIEA. Concentrations of TPHg, benzene, toluene, ethylbenzene, and total xylenes, from the groundwater grab sample W1, were detected at 19,000 µg/L, 1,200 µg/L, 53 µg/L, 4,100 µg/L, and 740 µg/L, respectively. Also, the gasoline additive methyl tert-butyl ether (MTBE) was detected at a concentration of 1,900 µg/L.

Based on the results of the PIIEA, the ACHCSA, in their September 1, 2005 letter to Mr. Thomas L. Robinson (ROC) and the former owner Mr. Edwin Coats (East Avenue Services), directed a site characterization for the property and requested a work plan for its implementation. In response RMA prepared and submitted the March 28, 2006 Work Plan cited above. At the request of RMA and with the approval of the ACHCSA, the implementation of the work plan was deferred until the existing underground fuel storage tanks (USTs) were removed during March and April 2007.

2.2 UST Removal

During the week of March 26, 2007, the existing building structure and fuel dispensing facilities were demolished and removed from the site. On April 3, 2007 the five gasoline USTs, the

product lines, and dispensers were removed from the site. During the removal activities, 10 soil samples were collected from the native soil beneath the USTs, and five samples were collected from the native soil beneath the product lines. The locations of UST soil samples are illustrated on Figure 3.

All UST sampling was performed under the oversight of Ms. Danielle Stefani of the Livermore - Pleasanton Fire Department. The description and results of this activity are presented in the May 30, 2007 report cited above. The analytical results for the 15 samples are presented herein in Table 3. There were no hydrocarbons detected in any of the 15 soil samples.

Prior to the removal of stockpiled soil from the site, five composite soil samples were collected from the stock piles and analyzed for petroleum hydrocarbons. Additionally, a composite sample was collected and analyzed for volatile organic compounds. The stockpiled soil analytical results are presented in Table 4. There were no hydrocarbon concentrations detected in any of the six samples collected.

In summary, none of the 21 soil samples collected and analyzed for the UST removal project showed hydrocarbon concentrations above the laboratory detection limits.

2.3 Monitoring Well Installations

On May 2, 2007, three monitoring wells MW-1, MW-2, and MW-3 were installed on the site at the locations illustrated on Figure 2. A description of well installation, soil boring logs, and soil analytical results are presented in the May 30, 2007 report cited above. The construction details for the three monitoring wells are presented in Table 5.

During the construction of these wells, three of the samples collected from each well boring were selected for analyses. The analytical results for the nine soil samples submitted for analysis are presented in Table 4. There were no petroleum hydrocarbons detected in any of the nine soil samples except MTBE at a concentration of 0.23 milligrams per kilogram (mg/kg) detected in the sample collected from soil boring MW-1 at a depth of 17 feet below ground surface (bgs).

2.4 Groundwater Sampling and Results

Groundwater monitoring wells MW-1, MW-2, and MW-3 were initially sampled on May 7, 2007. The wells were subsequently monitored five times during 2007 through 2010. The analytical results for all groundwater samples collected on the site including the grab samples collected during the PIIEA and the entire subsequent groundwater monitoring record are presented in Table 6. The depth to water measurements and groundwater elevation calculations are presented in Table 7.

The most recent, April 2010, determinations of groundwater gradient and flow direction are illustrated on Figure 4 which also shows the groundwater flow directions determined during previous monitoring events.

Figure 5 illustrates the distribution of hydrocarbon concentrations detected in groundwater samples collected from the three monitoring wells during the April 2010 monitoring event and

also shows the concentrations of the groundwater grab samples at the time these samples were collected in April 2005. Based on this information, iso-concentration contour maps showing a the distribution of TPHg, benzene, and MTBE concentrations are presented in Figures 6, 7, and 8, respectively.

3.0 SENSITIVE RECEPTOR SURVEY

Assisted by the Zone 7 Water Agency, eight water supply wells were detected within a radius of approximately one-half mile from the site. These wells were identified and plotted on the Well Location Map, Figure 9 by the Water Agency. The status of six of the wells is either known active or is unknown and is therefore assumed to be active. In Figure 9, the six wells assumed to be active are highlighted in yellow. Five of the eight wells are located either to the southeast of the site and are cross gradient and slightly up gradient. Three of the wells are located to the southwest of the site and are down gradient. However, all of these are located more than 1,900 feet from the site. The closest assumed active down gradient well is identified on Figure 9 as 3S/2E 16A5. There are no known monitoring wells within one-half mile of the site either to the north or to the northeast. Available drilling logs for these wells are presented in Appendix B.

There are no other apparent sensitive receptors near this site. The water table depth of more than 20 feet below ground surface precludes underground utility trenches from being relevant conduits for the migration of petroleum hydrocarbons.

The nearest surface water is Arroyo Mocho (a stream) located approximately 4,300 feet south of the site.

Most important to evaluating the threat of off-site migration to either surface water or underground water resources is the fact that hydrocarbon impacted groundwater has not migrated even 50 feet (the distance from the apparent source area near grab sample locationW-1 to groundwater monitoring well MW-2), over a period of more than 11 years.

In summary, given the relatively moderate concentrations of TPHg, benzene and MTBE detected in groundwater sampled from monitoring well MW-1, this site presents no perceivable hazard to the quality of either off-site surface or groundwater resources.

4.0 POTENTIAL FOR VAPOR INTRUSION

The California State Water Quality Control Board, Region II Groundwater Screening Levels for Evaluation of Potential Vapor Intrusion Concerns has established the groundwater residential levels for benzene at 540 µg/L, toluene at 380,000 µg/L, ethylbenzene at 170,000 µg/L, xylenes at 160,000 µg/L and MTBE at 24,000 µg/L. It is obvious that benzene is the only contaminant of concern in this regard.

The outline of the new building structure is shown in the upper left hand corner of Figure 2. The groundwater grab sample, W-1 was collected during the April 2005 PIIEA had a benzene concentration of 1,200 µg/L. W-1 is located approximately 30 feet down gradient from the interior of the new building structure at the site.

The location of grab sample W-4 also collected in the April 2005 investigation is actually within the walls of the building. No benzene concentration was detected from the W-5 sample at a detection limit of 0.5 µg/L.

The latest groundwater sample collected from monitoring well MW-1 in April 2010 showed a benzene concentration of 92 µg/L, only about 17 percent of the benzene groundwater screening level for vapor intrusion. MW-1 is also located approximately 30 feet down gradient from the building structure.

The potential for vapor intrusion situation is further mitigated by the occurrence of a surface layer of four to five foot of clayey soil (soil boring logs, W-4 and monitoring well MW-1) and the groundwater table at the site varying between a depth of between 18 and 28 feet bgs.

In summary, the potential for vapor intrusion into the building structure at this site is negligible.

5.0 SOURCE OF RELEASE

The ACHCSA in their letter of September 21, 2010 questioned the basis for RMA's belief that the likely source of the impacted groundwater, in the area of groundwater grab sample W-1 and groundwater monitoring well MW-1, was from a product line leak.

During the course of the PIIEA it was learned from the former owner/operator of the East Avenue Services facility (Mr. Edwin Coates), that in December 1999 the USTs at the site had been lined with fiberglass and the fuel product lines had been replaced. Mr. Coates indicated at that time that the location of groundwater sample W1 was near a former product line trench. RMA has no map of the product line trenches that existed at that time (prior to December 1999), but believes the product lines installed in 1999 were in the same trenches as shown on Figure 2. Nether are there any known analytical results from this upgrade project. However, it is likely that the upgrade project was performed under the oversight of the Livermore Fire Department. Since, prior to the PIIEA, no subsequent investigation was performed, apparently there was no significant soil contamination detected at that time. The absence of contaminated soil would be consistent with the results of the investigations reported herein, where no significant soil contamination was detected in any of the 41 soil samples collected and analyzed during the PIIEA, UST Removal, and groundwater monitoring well installation, the results of which are presented in Tables 1-4.

In the May 30, 2007 report cited above, regarding the UST and product line removal, RMA reported the following:

"During the soil sampling no distinct hydrocarbon odors were noted at any of the sampling locations" and, "Observation of the removed USTs did not find evident holes or leakage of any kind."

While it is conceded that the source of the release might have been from the USTs, occurring before they were lined with fiberglass, it would seem that if the USTs had leakage, odors at least,

would have been evident in the soil beneath the tanks. Since double containment product lines were installed in 1999, and since no contamination was evident in the existing pipeline trench, it would follow that the most likely release source accounting for the impacted groundwater would have to be the pre-1999 product lines. RMA believes that further characterization as to the exact source is not particularly relevant at this time since all of the UST and product line facilities have been removed from this portion of the property.

6.0 CONCLUSIONS, AND RECOMMENDATION

It is RMA's contention that this site has met all of the criteria for case closure as a low risk fuel site.

1) The former product lines believed to have been associated with a gasoline release were removed several years in the past (see Section 4.0 above), and were replaced with the 1st generation of double-contained product piping.

   All of the fuel USTs and associated product lines have been removed from the impacted area of the property. Analysis of soil samples collected in conjunction with the removals, from the native soil beneath the USTs and product lines, did not detect the presence of any petroleum hydrocarbons above their respective laboratory detection limits.

2) The site has been adequately characterized with the collection and analysis of 41 soil samples, the collection of five groundwater grab samples, and the installation of three groundwater monitoring wells that have been sampled and analyzed six times over a period of three years. The analytical result for all of these soil and groundwater samples are presented herein in Tables 1-4 and Table 6.

3) Although a small plume of moderately impacted groundwater exists near the southeast portion of the site, there is no evidence that the plume is migrating. The groundwater analytical results presented in Table 6 show that groundwater quality in monitoring well MW-2, located approximately 50 feet down gradient from the impacted area, has not significantly degraded over a likely period of at least 11 years.

4) No water wells, deeper drinking wells, aquifers surface water or other sensitive receptors are likely to be impacted (see Section 3.0) above.

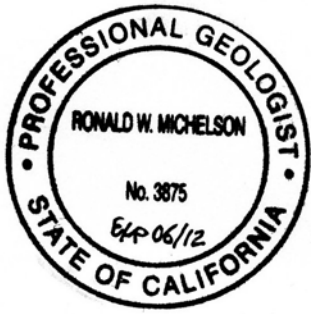
Accordingly, it is RMA's opinion that the petroleum hydrocarbon condition at this site does not pose any perceivable hazard to either public health or safety or to the underlying groundwater resources and therefore fuel leak closure for this site is requested.

7.0 CERTIFICATION

We certify that, to the best of our knowledge, all statements above and data provided herein are true and correct. This report has been reviewed and approved by ROC. A copy of their transmittal letter is presented as Appendix C.

RM Associates
Principal Geologist

Ronald W Michelson
Principal Geologist



8.0 DISTRIBUTION

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Mr. Jerry Wickham
Hazard Materials Specialist
Alameda County Health Care Services Agency
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TABLES

RMA

TABLE 1 - SUMMARY OF SOIL ANALYICAL RESULTS
PHASE 11 ENVIRONMENTAL INVESTIGATION
4186 East Avenue, Livermore, California

Sample Location	Sample ID	Sample Depth	Sample Date	TPHg	TPHd	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE
		(feet)		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
W-1	S1-20	20	04/29/05	<2.5	<2.5	<0.025	<0.025	**0.070**	<0.025	**0.33**
	S1-25	25	04/29/05	<2.5	<2.5	<0.025	<0.025	**0.070**	<0.025	**0.30**
W-2	S2-20	20	04/29/05	<2.5	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25
	S2-25	25	04/29/05	<2.5	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25
W-3	S3-20	20	04/29/05	<2.5	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25
W-4	S4-22	22	04/29/05	<2.5	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25
S-5	S5-15	15	04/29/05	<2.5	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25
	S5-20	20	04/29/05	<2.5	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25
W-6	S6-15	15	04/29/05	<2.5	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25
	S6-20	20	04/29/05	<2.5	<2.5	<0.025	<0.025	<0.025	<0.025	<0.25
S-7	S7-25	22	04/29/05	**46**	**290***	<0.1	**0.12**	**0.44**	**0.74**	<1

mg/kg	milligrams per kilogram (approximate parts per million)
TPHg	total petroleum hydrocarbons as gasoline
TPHd	total petroleum hydrocarbons as diesel
MTBE	Methyl-t-butyl Ether
Bold	**detected above laboratory reporting limit**

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TABLE 2 - SUMMARY OF SOIL ANALYTICAL RESULTS - UST REMOVAL
Rotten Robbie #64, 4186 East Avenue, Livermore, California

Sample Number	Sample Date	Sample Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl benzene (mg/kg)	Total Xylenes (mg/kg)	TPH as Gasoline (mg/kg)	Total Lead (mg/kg)	MTBE (mg/kg)
UST REMOVAL									
Tanks									
T1-F	04/03/07	10	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	5.8	ND<0.050
T1-P	04/03/07	10	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	7.8	ND<0.050
T2-F	04/03/07	10	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	6.7	ND<0.050
T2-P	04/03/07	10	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	26.0	ND<0.050
T3-F	04/03/07	10	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	**5.6**	ND<0.050
T3-P	04/03/07	10	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	**12.0**	ND<0.050
T4-F	04/03/07	10	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	**6.7**	ND<0.050
T4-P	04/03/07	10	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	**10.0**	ND<0.050
T5-F	04/03/07	10	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	**7.3**	ND<0.050
T5-P	04/03/07	10	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	**6.7**	ND<0.050
Dispensers and Lines									
D-1	04/03/07	2.5	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	**7.5**	ND<0.050
D-2	04/03/07	2.5	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	**5.1**	ND<0.050
D-3	04/03/07	2.5	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	**7.0**	ND<0.050
D-4	04/03/07	2.5	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	**6.8**	ND<0.050
L-1	04/03/07	2.5	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	**5.3**	ND<0.050

Notes:

TPH	total petroleum hydrocarbons
MTBE	methyl tert-butyl ether
mg/kg	milligrams per kilogram
UST	underground storage tanks and associated lines and dispensers
Bold	**detected above laboratory reporting limit**

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TABLE 3 - SUMMARY OF SOIL ANALYTICAL RESULTS - STOCK PILE
Rotten Robbie #64, 4186 East Avenue, Livermore, California

Sample Number	Sample Date	Sample Type	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl benzene (mg/kg)	Total Xylenes (mg/kg)	TPH as Gasoline (mg/kg)	TPH as Diesel (mg/kg)	Total Lead (mg/kg)	MTBE (mg/kg)
STOCKPILE COMPOSITE SAMPLES										
SP-1 (ABCD)	04/03/07	Composite	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	ND<2.5	**6.9**	ND<0.050
SP-2 (ABCD)	04/03/07	Composite	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	ND<2.5	**7.9**	ND<0.050
SP-3 (ABCD)	04/03/07	Composite	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	ND<2.5	**7.0**	ND<0.050
SP-4 (ABCD)	04/03/07	Composite	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	ND<2.5	**10**	ND<0.050
SP-5 (ABCD)	04/03/07	Composite	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	ND<2.5	**6.6**	ND<0.050
STOCK PILE DISCRETE SAMPLE										
SP-6	04/03/07	Discrete	Volitile Organic Compounds by EPA Method 8260B				None Detected			

Notes:
TPH total petroleum hydrocarbons
MTBE methyl tert-butyl ether
mg/kg milligrams per kilogram
Bold **detected above laboratory reporting limit**

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TABLE 4 - SUMMARY OF SOIL ANALYTICAL RESULTS - MONITORING WELL INSTALLATION
Rotten Robbie #64, 4186 East Avenue, Livermore, California

Sample Location	Sample Number	Sample Date	Sample Depth	Benzene	Toluene	Ethyl benzene	Total Xylenes	TPH as Gasoline	TPH as Diesel	MTBE
			(feet)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
MW-1	SS-1-10	05/02/07	10	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	ND<5	ND<0.050
	SS-1-17	05/02/07	17	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	ND<5	**0.23**
	SS-1-21	05/02/07	21	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	ND<5	ND<0.050
MW-2	SS-2-10	05/02/07	10	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	ND<5	ND<0.050
	SS-2-16	05/02/07	16	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	ND<5	ND<0.050
	SS-2-21	05/02/07	21	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	ND<5	ND<0.050
MW-3	SS-3-10	05/02/07	10	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	ND<5	ND<0.050
	SS-3-15	05/02/07	15	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	ND<5	ND<0.050
	SS-3-22	05/02/07	22	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.50	ND<5	ND<0.050

Notes:
TPH total petroleum hydrocarbons
MTBE methyl tert-butyl ether
mg/kg milligrams per kilogram
Bold detected above laboratory reporting limit

RM Assoiciates

TABLE 5- WELL CONSTRUCTION DETAILS
Rotten Robbie 64, 4186 East Avemie. Livermore, California

Monitoring Well	Drilling Date	Borehole Diameter (inches)	Depth of Borehole (feet)	Casing Diameter (inches)	Screened Interval (feet)	Filter Pack Interval (feet)	Bentonite Seal Interval (feet)	Cement/ Bentonite Seal Interval (feet)
MW-1	05/02/01	8	30	2	15-30	13-30	10-13	0-10
MW-2	05/02/01	8	29	2	14-29	5-22	9-12	0-9
MW-3	05/02/01	8	30	2	15-30	13-15	10-13	0-10

Notes: MW- denotes monitoring well

RMA

TABLE 6 - SUMMARY OF All GROUNDWATER ANALYICAL RESULTS

4186 East Avenue, Livermore California

Sample ID	Sample Date	TPHg	TPHd	Benzene	Toluene	Ethyl benzene	Xylenes	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
Phase II Analytical														
W1	04/29/05	**19,000**	<2,000	**1,200**	**53**	**4,100**	**740**	<1,000	**1,900**	<500	<500	<500	<50	<50
W2	04/29/05	**53**	<50	<0.5	<0.5	**1.8**	**0.84**	<10	<1	<5	<5	<5	<0.5	<0.5
W3	04/29/05	<25	<50	<0.5	<0.5	<0.5	<0.5	<10	**5.0**	<5	<5	<5	<0.5	<0.5
W4	04/29/05	**28**	**55**	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<5	<5	<5	<0.5	<0.5
W6	04/29/05	<25	<50	<0.5	<0.5	<0.5	<0.5	<10	**9.4**	<5	<5	<5	<0.5	<0.5
Grounwater Well Monitoring Analytical														
MW-1	05/07/07	**4,800**	<50	**150**	**7.0**	**620**	**160**	<100	**310**	<50	<50	<50	<5	<5
	11/30/07	**600**	**110**	**30**	**1.2**	**130**	**1.9**	<20	**180**	<10	<10	<10	<1	<1
	02/29/08	**4,800**	**850**	**190**	<10	**1,100**	**130**	<200	**330**	<100	<100	<100	<10	<10
	05/21/08	**2,500**	**520**	**55**	<2.5	**460**	**21**	<50	**150**	<25	<25	<25	<25	<25
	04/09/09	**1,930**	**431**	**66.5**	<3.3	**373**	**21.6**	<33	**85.6**	<3.3	<3.3	<3.3	<2	<1.3
	04/08/10	**4,810**	<47**	**92.1**	<13	**1,100**	**40.1**	<130	**455**	<13	<13	<13	<5	<7.5
MW-2	05/07/07	<50	<52	<0.5	<0.5	<0.5	<0.5	<10	<1	<5	<5	<5	<0.5	<0.5
	11/30/07	NS(DRY)	NS(DRY)	NS(DRY)	NS(DRY)	NS(DRY)	NS(DRY)	NS(DRY)	NS(DRY)	NS(DRY)	NS(DRY)	NS(DRY)	NS(DRY)	NS(DRY)
	02/29/08	**31**	<48	<0.5	<0.5	<0.5	<0.5	<10	<1	<5	<5	<5	<0.5	<0.5
	05/21/08	<25	<50	<0.5	<0.5	<0.5	<0.5	<10	<1	<5	<5	<5	<0.5	<0.5
	04/09/09	**150**	<47	**0.39**	<0.5	**0.56**	**0.99**	<5	<0.5	<0.5	<0.5	<0.5	<0.3	<0.2
	04/08/10	**62.9**	<47	<0.3	<0.5	<0.3	<0.7	<5	<0.5	<0.5	<0.5	<0.5	<0.3	<0.2
MW-3	05/07/07	<50	<52	<0.5	<0.5	<0.5	<0.5	<10	<1	<5	<5	<5	<0.5	<0.5
	11/30/07	<25	<52	<0.5	<0.5	<0.5	<0.5	<10	<1	<5	<5	<5	<0.5	<0.5
	02/29/08	<25	<48	<0.5	<0.5	<0.5	<0.5	<10	<1	<5	<5	<5	<0.5	<0.5
	05/21/08	<25	<50	<0.5	<0.5	<0.5	<0.5	<10	<1	<5	<5	<5	<0.5	<0.5
	04/09/09	<25	<47	<0.30	<0.5	<0.30	<0.7	<5	<0.5	<0.5	<0.5	<0.5	<0.3	<0.2
	04/08/10	<25	<47	<0.30	<0.5	0.31	<0.7	<5	<0.5	<0.5	<0.5	<0.5	<0.3	<0.2

Notes:

TPHg	total petroleum hydrocarbons as gasoline	DIPE	Di-Isopropyl Ether
TPHg	total petroleum hydrocarbons as diesel	ETBE	Ethyl tert-Butyl Ether
mg/kg	milligrams per kilogram	TAME	tert-Amyl Methyl Ether
TBA	tert-Butyl Alcohol (tert-Butanol)	1-2 DCA	1, 2 Dichloroethane
MTBE	Methyl tert-Butyl Ether	EDB	Ethylene Dibromide
Bold	**detected above laboratory reporting limit**		

RM Associates

TABLE 7 - WATER LEVEL MEASURMENTS AND ELEVATION
Rotten Robbie 64, 4186 East Avenue, Livermore, California

Well Number	Sample Date	Well Head Elevation (feet MSL)	Depth to Groundwater (feet)	Groundwater Elevation (feet MSL)
MW-1	05/07/07	539.50	21.11	518.39
	11/30/07	539.50	28.95	510.55
	01/15/08	539.50	23.03	516.47
	02/29/08	539.50	18.74	520.76
	05/21/08	539.50	19.12	520.38
	04/09/09	539.50	22.63	516.87
	04/08/10	**539.50**	**18.48**	**521.02**
MW-2	05/07/07	539.15	22.45	516.70
	11/30/07	539.15	>29.0	#VALUE!
	01/15/08	539.15	23.33	515.82
	02/29/08	539.15	18.86	520.29
	05/21/08	539.15	19.12	520.03
	04/09/09	539.15	22.92	516.23
	04/08/10	**539.15**	**18.48**	**520.67**
MW-3	05/07/07	539.76	21.00	518.76
	11/30/07	539.76	27.83	511.93
	01/15/08	539.76	22.70	517.06
	02/29/08	539.76	18.67	521.09
	05/21/08	539.76	19.31	520.45
	04/09/09	539.76	22.26	517.50
	04/08/10	**539.76**	**18.43**	**521.33**

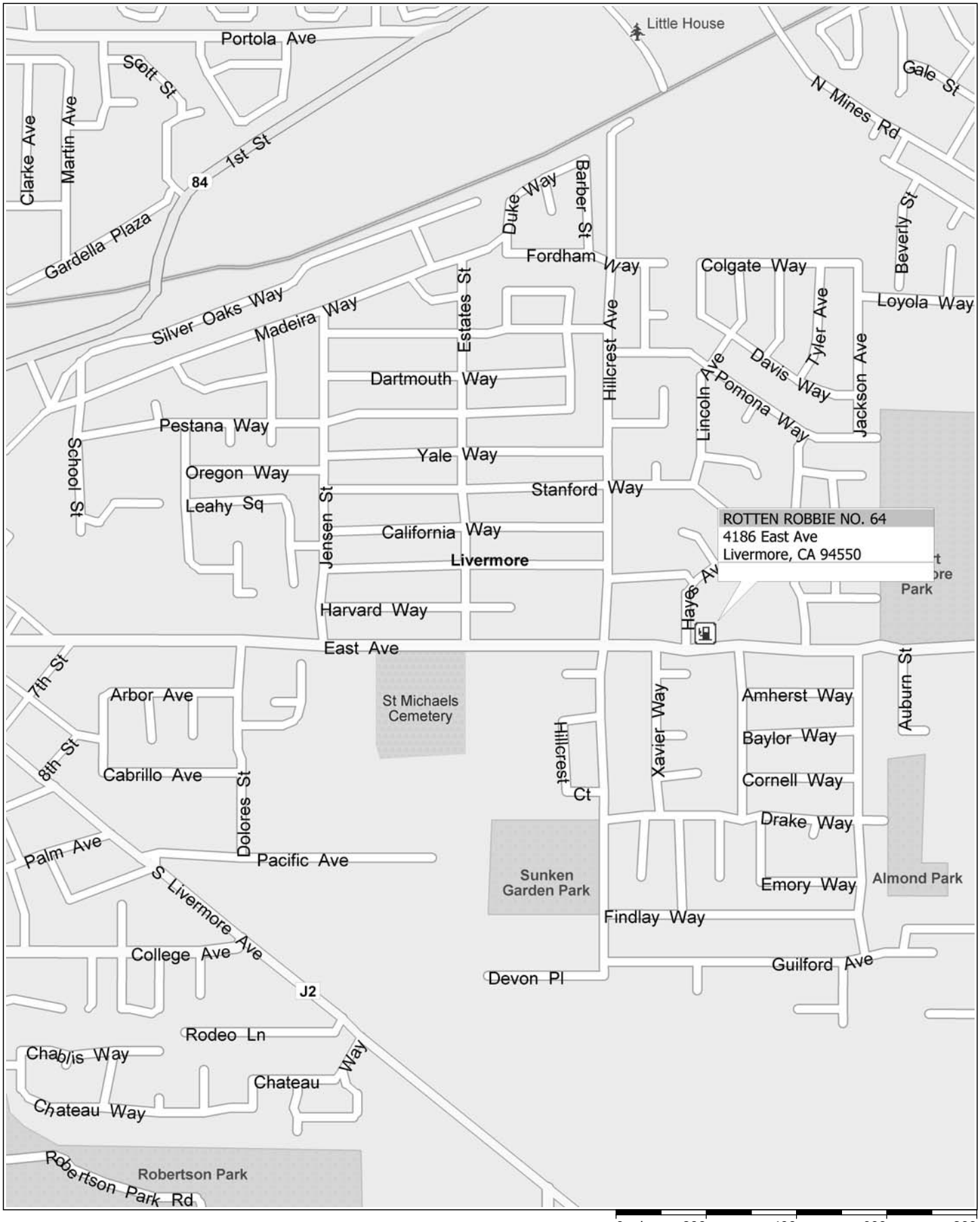
Notes:
MSL = Mean Sea Level
MW = Monitoring Well
Bold = Not Previously Reported

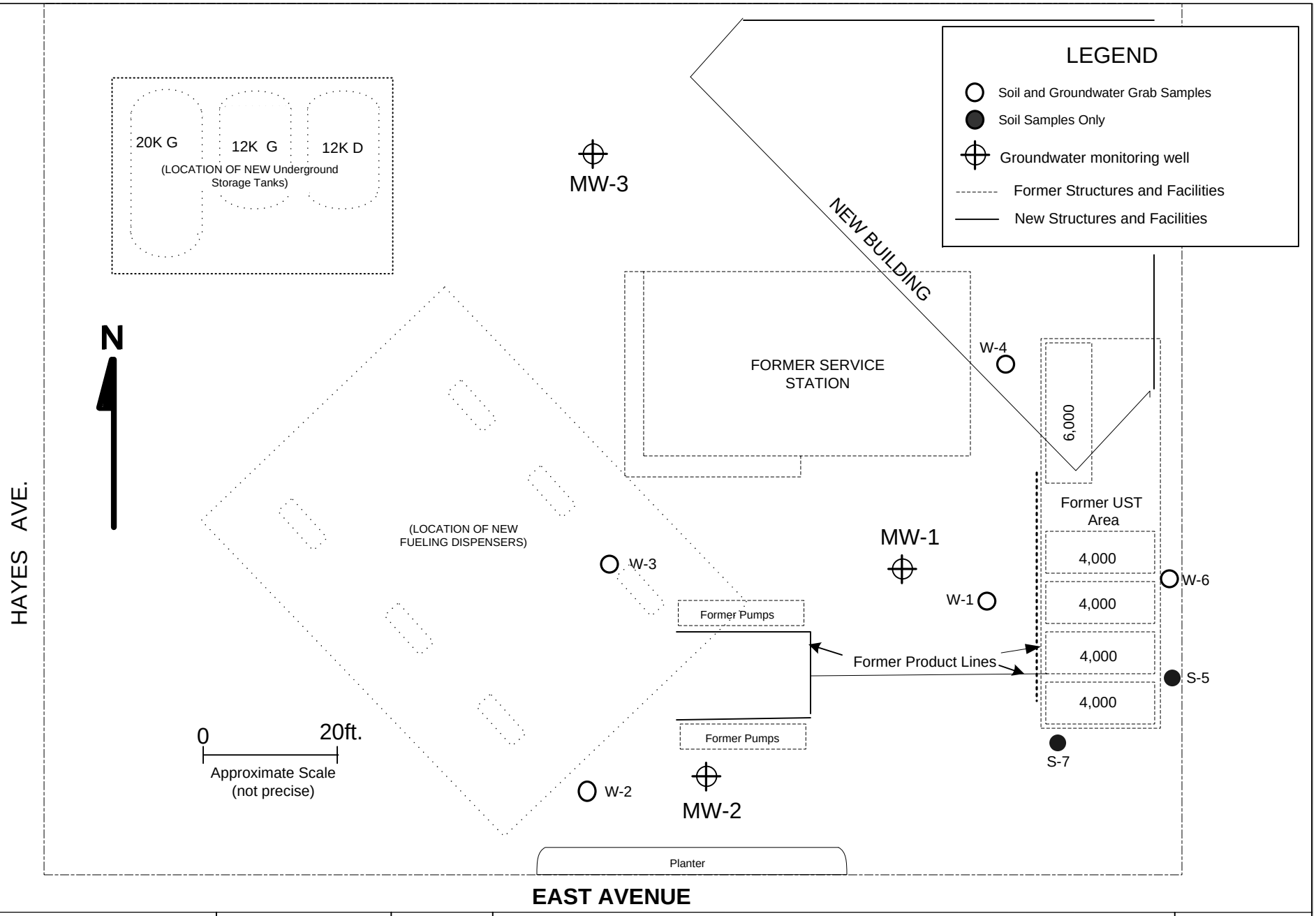
Wellhead survey completed by Licensed Engineering Contractor, Mid Coast Engineers on 11/03/07

4.29

FIGURES

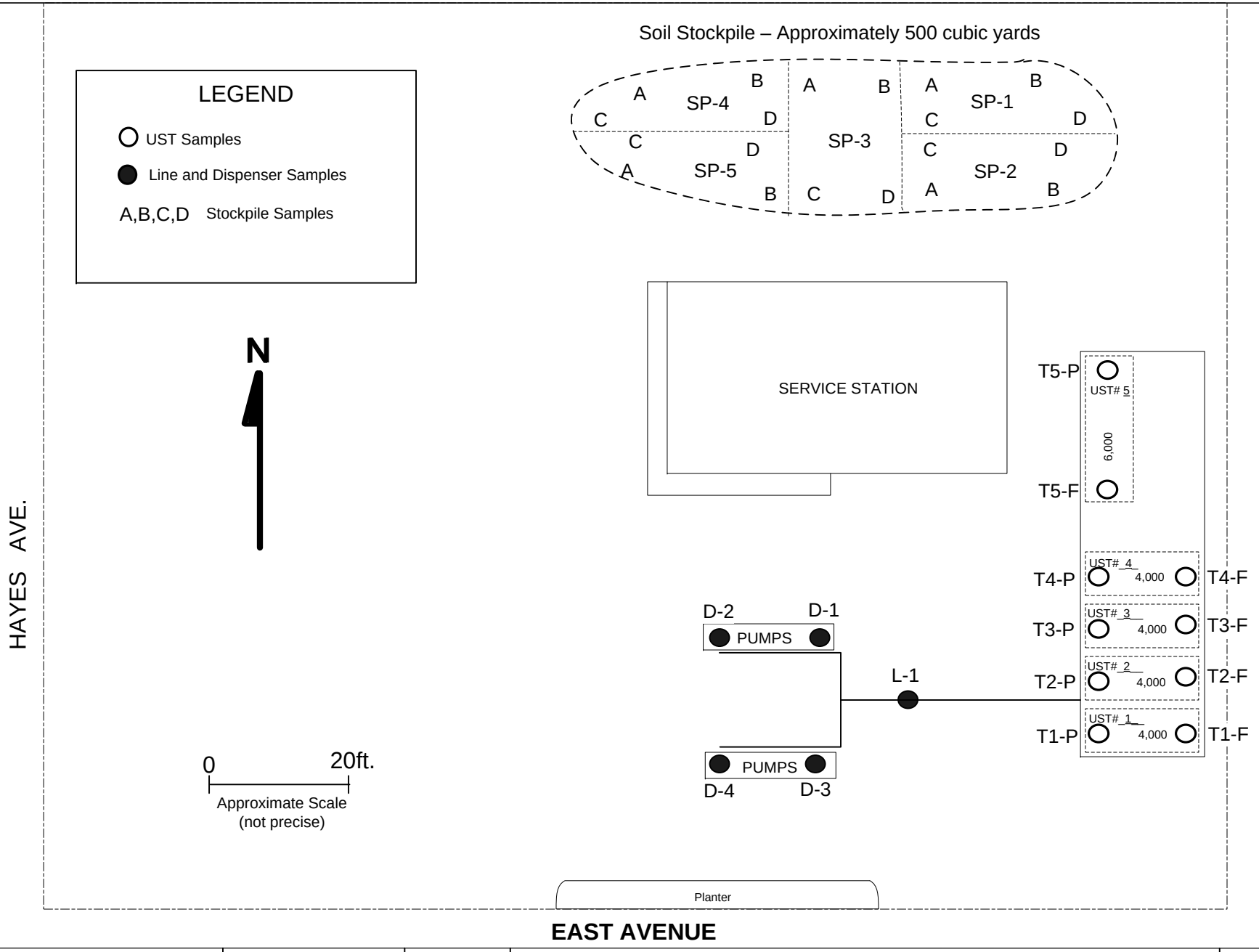
FIGURE 1 - VICINITY MAP



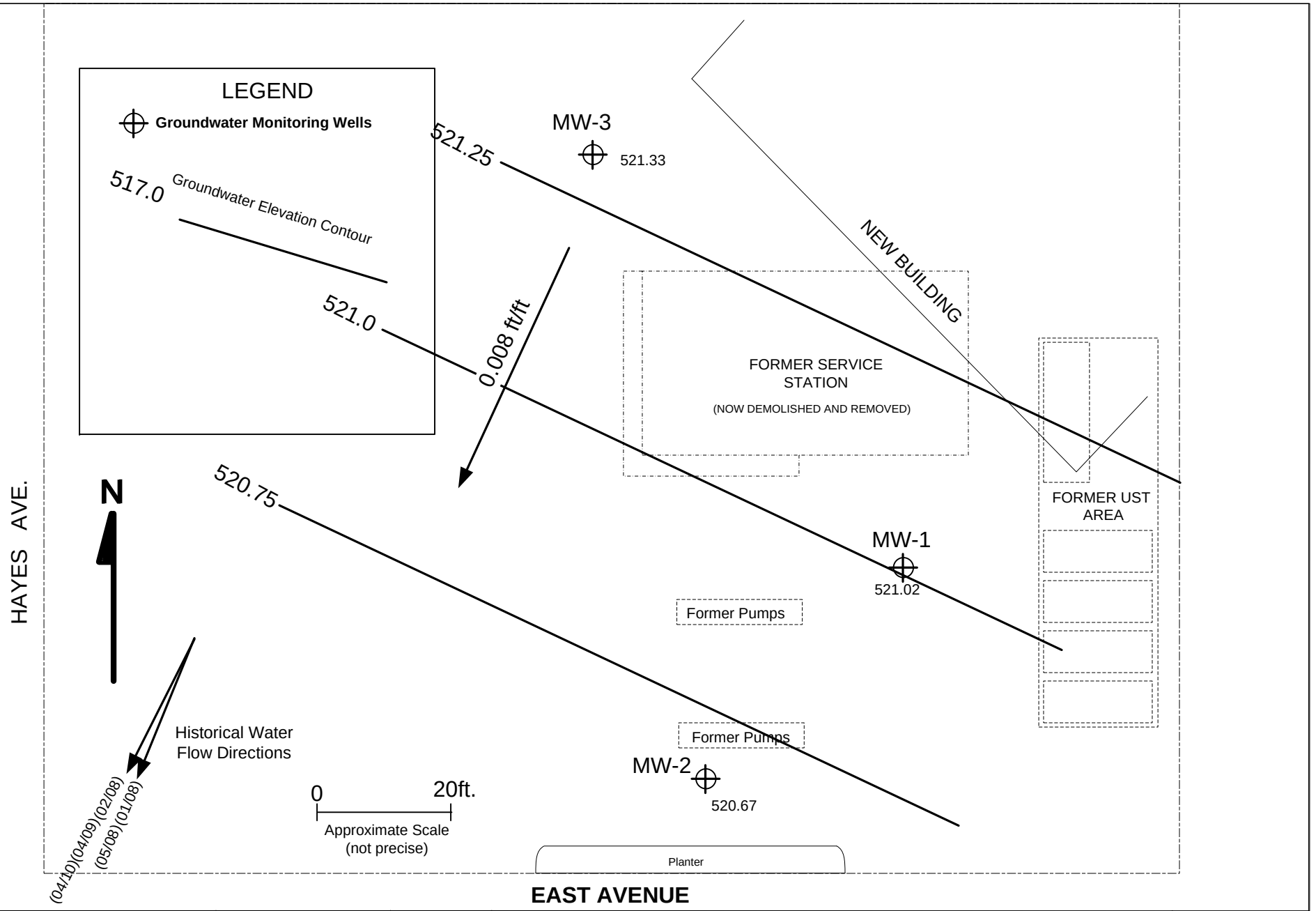


RM ASSOCIATES
Environmental Consultants

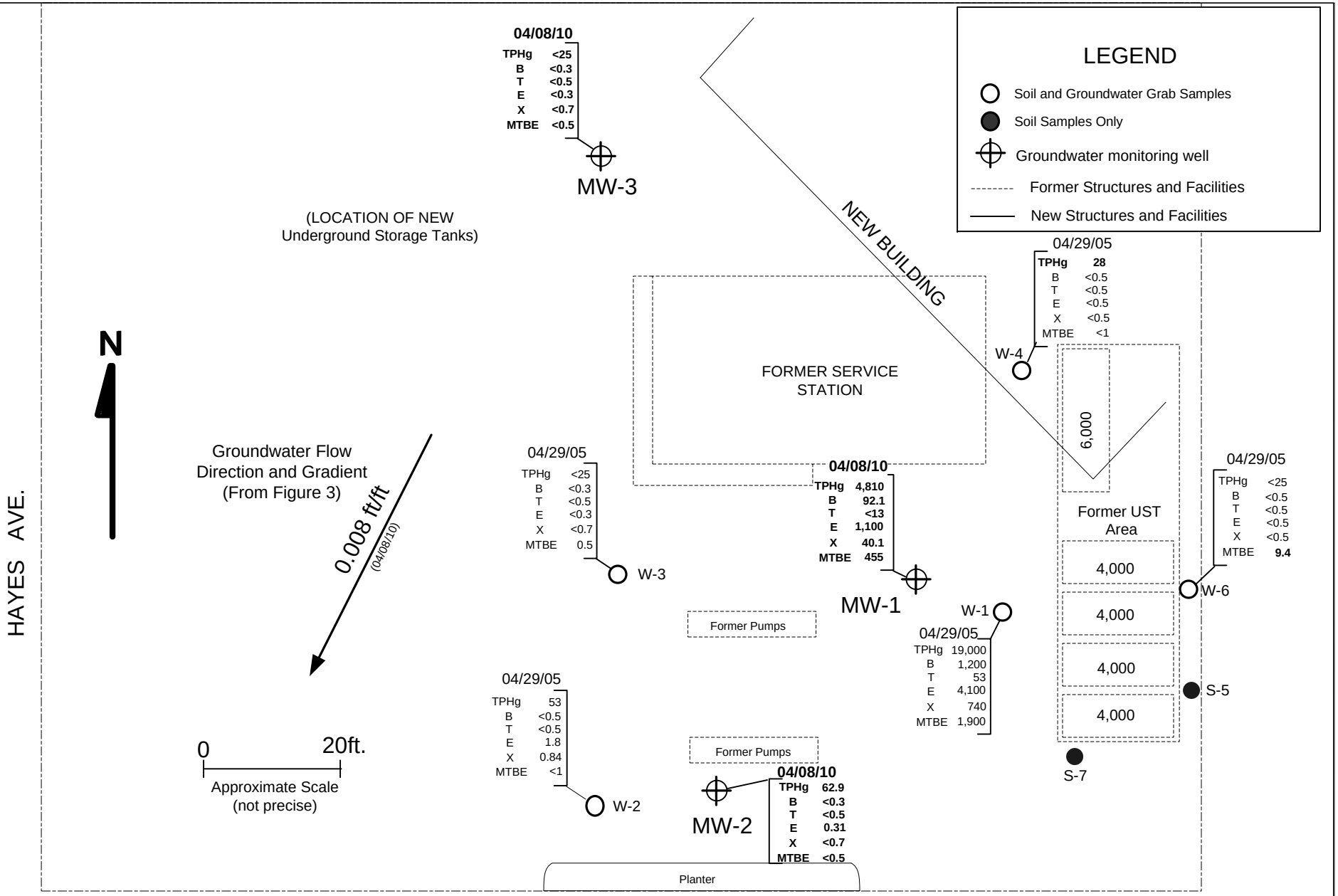
REVISED	REVIEWED BY	SITE MAP	FIGURE
RM 05/18/07		(showing approximate locations of former and existing structures and former and existing sampling locations)	2
8.5 x 11	REVIEW DATE	4186 EAST AVENUE, LIVERMORE, CALIFORNIA	PROJECT 101-6404



RM ASSOCIATES Environmental Consultants	REVISED RM 12/10/02	REVIEWED BY	**SITE DIAGRAM** UST REMOVAL PROJECT 4186 EAST AVENUE, LIVERMORE, CALIFORNIA	FIGURE 3
	8.5 x 11	REVIEW DATE		PROJECT 101-6403



RM ASSOCIATES Environmental Consultants	REVISED RM 05/18/07	REVIEWED BY	**GROUNDWATER ELEVATION CONTOURS (04/08/10)**	FIGURE **4**
	8.5 x 11	REVIEW DATE	4186 EAST AVENUE, LIVERMORE, CALIFORNIA	PROJECT 101-6404

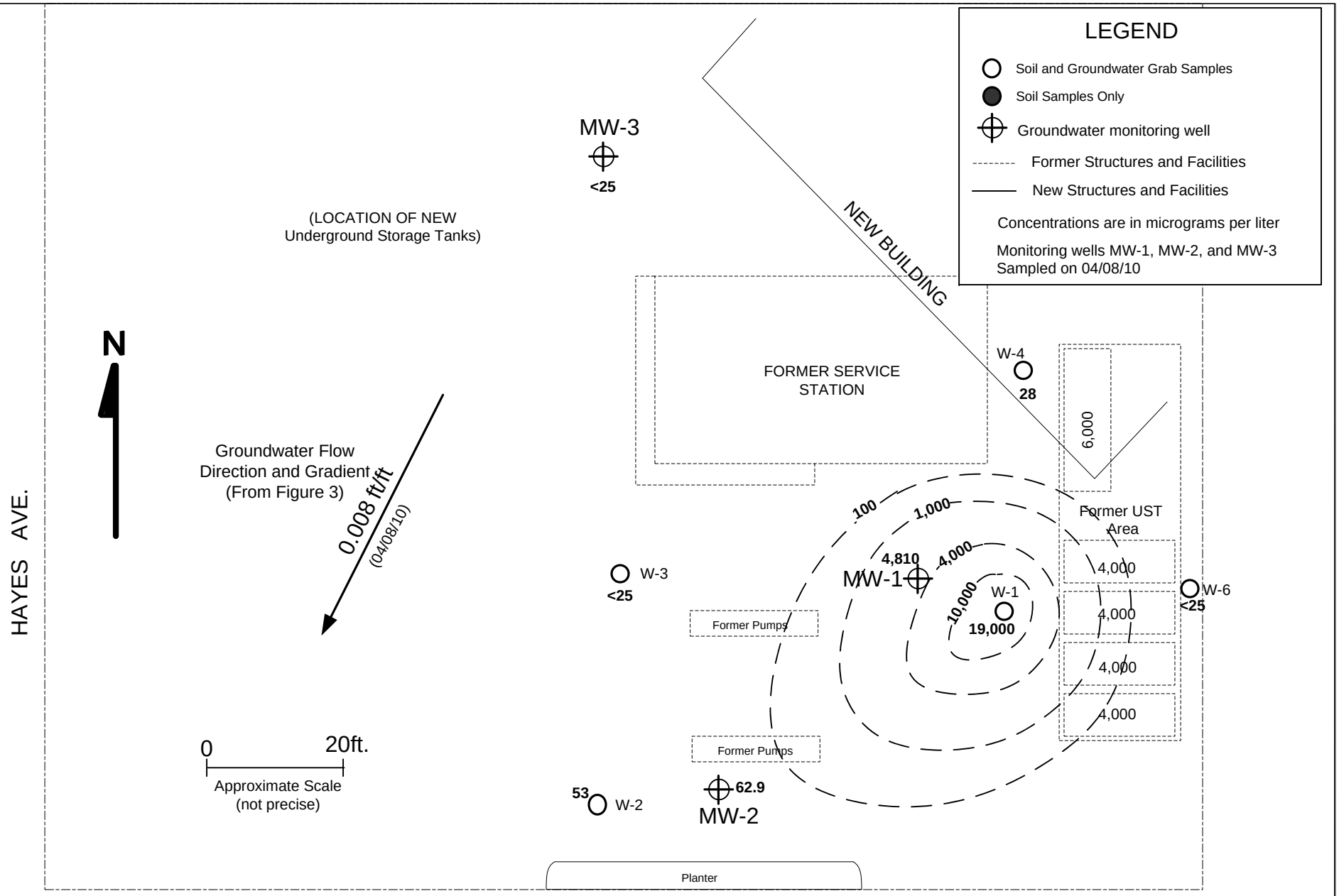


RM ASSOCIATES
Environmental Consultants

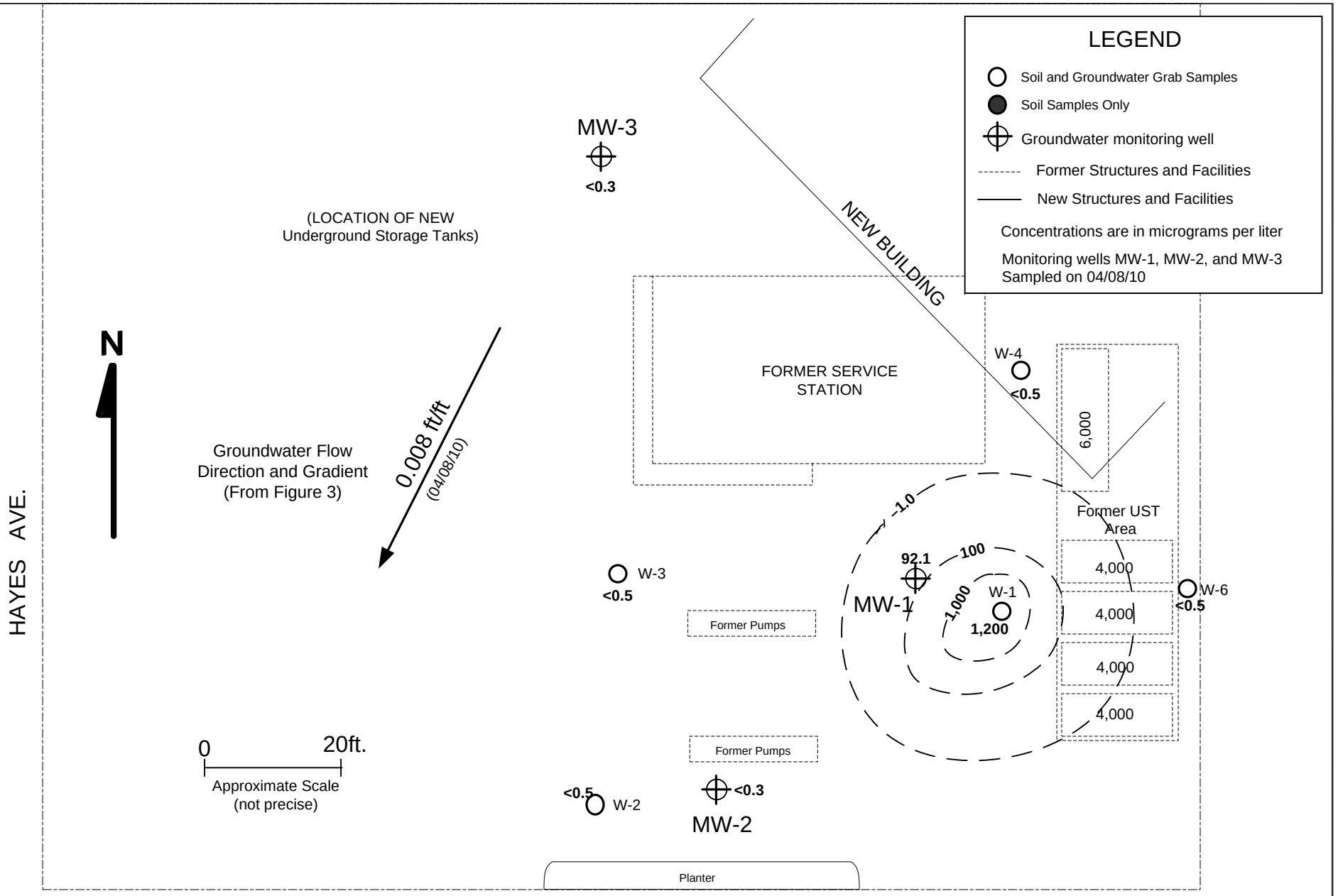
REVISED		REVIEWED BY
RM 05/18/07		
8.5 x 11		REVIEW DATE

DISTRIBUTION OF GROUNDWATER ANALYTICAL RESULTS
(Distribution Based on Last Sampling Event at Each Sampling Location)
4186 EAST AVENUE, LIVERMORE, CALIFORNIA

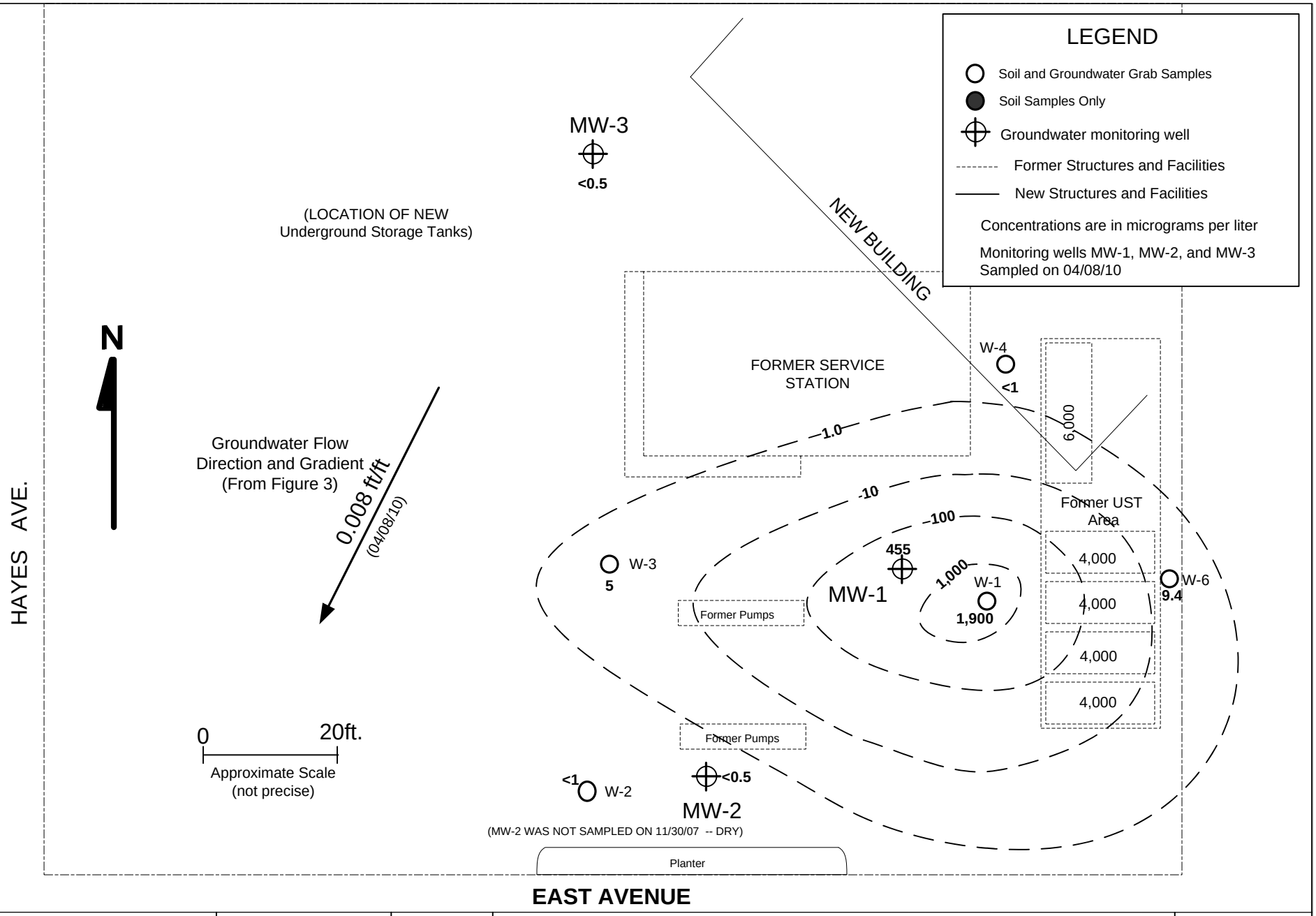
FIGURE **5**
PROJECT 101-6404



RM ASSOCIATES Environmental Consultants	REVISED RM 05/18/07	REVIEWED BY	**ISO-CONCENTRATION CONTOURS FOR TPHg** (Contours Based on Last Sampling Event at Each Sampling Location)	FIGURE 6
	8.5 x 11	REVIEW DATE	4186 EAST AVENUE, LIVERMORE, CALIFORNIA	PROJECT 101-6404



RM ASSOCIATES Environmental Consultants	REVISED RM 05/18/07	REVIEWED BY	**ISO-CONCENTRATION CONTOURS FOR BENZENE** (Contours Based on Last Sampling Event at Each Sampling Location)	FIGURE 7
	8.5 x 11	REVIEW DATE	4186 EAST AVENUE, LIVERMORE, CALIFORNIA	PROJECT 101-6404



RM ASSOCIATES
Environmental Consultants

REVISED	REVIEWED BY	ISO-CONCENTRATION CONTOURS FOR MTBE	FIGURE
RM 05/18/07		(Contours Based on Last Sampling Event at Each Sampling Location)	8
8.5 x 11	REVIEW DATE	4186 EAST AVENUE, LIVERMORE, CALIFORNIA	PROJECT 101-6404

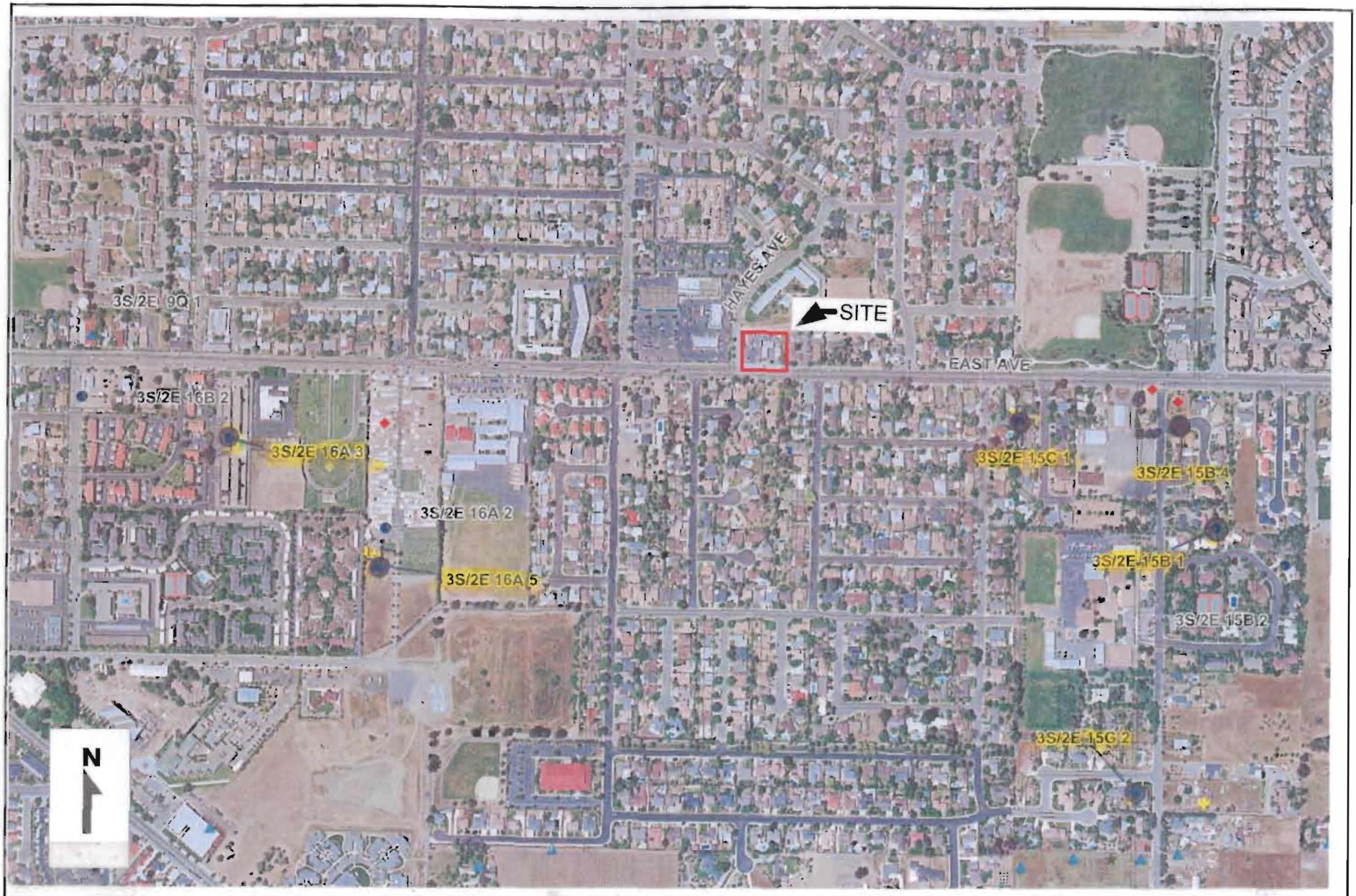


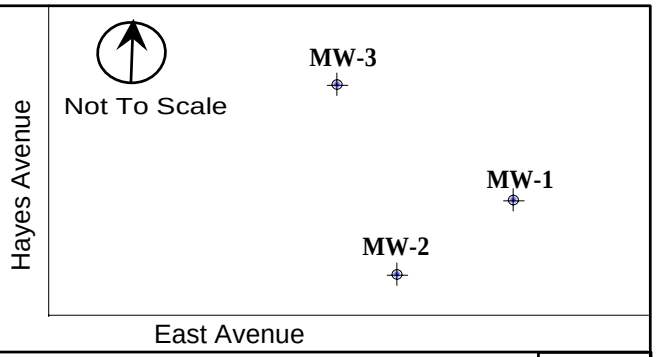
Figure 9	**ZONE 7 WATER AGENCY** **100 NORTH CANYONS PARKWAY** **LIVERMORE, CA 94551**	**WELL LOCATION MAP**	**SCALE** **600 ft** **DATE: 1/17/06** **4186 East Ave** H:\FLOOD\REFERALLS\REFERALLS.WOR

APPENDICES

APPENDIX A

SOIL BORING LOGS

Well Name	**MW-1**
Client	RM Assoc.
Location	RR #64 - 4186 East Ave., Livermore, CA
Date	05/02/07
Drilling Co.	Exploration Geoservices, Inc. (C-57#: 484288)
Drilling Method	Hollow-Stem Augers (8")
Sampling Method	2" CA Modified Split-Spoon Sampler
Well Casing	2" Sch 40 PVC / 0.020 casing / #3 Sand
Logged By	Forrest Cook PG # 8201

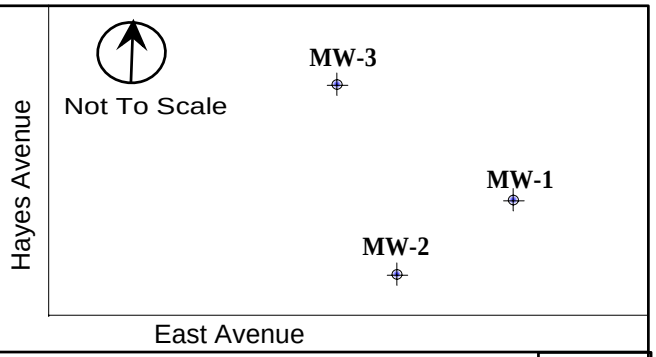


Laboratory Analyzed Sample ID	Sample Depth (feet)	Blows per 6 in.	Moisture Content	Product Odor	Depth in Feet	Graphic Log	Soil Description	Well Const.
	0 - 1.5	3 4 4	MOIST	NO	0		Clayey Gravel (GC), dark brown, moist, loose, clay matrix, with quartz and chert cobbles.	
	1.5 - 3.0	4 5 4	MOIST	NO	2			
	3.0 - 4.5	4 5 7	MOIST	NO	4			
	4.5 - 6.0	4 7 13	MOIST	NO	6		Sandy Gravel (GW), light brown, moist, medium dense to dense, subrounded gravel matrix, with many cobbles greater than 2-inches.	
	6.0 - 7.5	11 12 13	MOIST	NO				
	7.5 - 9.0	10 12 9	MOIST	NO	8			
SS-1-10	9.0 - 10.5	6 10 11	MOIST	NO	10			
	10.5 - 12.0	8 10 14	MOIST	NO				
	12.0 - 13.5	6 8 7	MOIST	NO	12			
	13.5 - 15.0	10 14 16	MOIST	SLIGHT	14		Silty Sand (SM), light brown, moist, fine.	
	15.0 - 16.5	6 7 7	MOIST	SLIGHT	16		Sandy Gravel (GW), light gray, moist,medium dense, coarse sand matrix.	
SS-1-17	16.5 - 18.0	6 6 7	MOIST	NO			Silty Clay (CL),light gray, moist, stiff, estimated low plasticity, with trace fine sand.	
	18.0 - 19.5	5 6 8	MOIST	NO	18			
SS-1-21	19.5 - 21.0	5 6 10	MOIST	NO	20			
	21.0 - 22.5	12 13 18	WET	SLIGHT			= Initial Water at approximately 22.0 feet	
	22.5 - 24.0	9 15 25	WET	SLIGHT	22		Sandy Gravel (GW), light gray, wet, medium dense to dense, subrounded gravel matrix.	
	24.0 - 25.5	7 8 10	WET	SLIGHT	24			
	25.5 - 27.0	9 14 20	WET	NO	26			
	27.0 - 28.5	12 20 15	WET	NO				
	28.5 - 30.0	7 10 18	WET	NO	28			
					30		Total Depth Explored 30 feet bgs	
					32			
					34			
					36		0.020 Slotted Casing 15' - 30' #3 Sand 13' - 30' Bentonite 10' - 13' Grout 10' - surface	
					38			
					40			

GEORESTORATION, INC.

WELL LOG [MW-1]
Page 1 of 1

Well Name	**MW-2**
Client	RM Assoc.
Location	RR #64 - 4186 East Ave., Livermore, CA
Date	05/02/07
Drilling Co.	Exploration Geoservices, Inc. (C-57#484288)
Drilling Method	Hollow-Stem Augers (8")
Sampling Method	2" CA Modified Split-Spoon Sampler
Well Casing	2" Sch 40 PVC / 0.020 casing / #3 Sand
Logged By	Forrest Cook PG # 8201

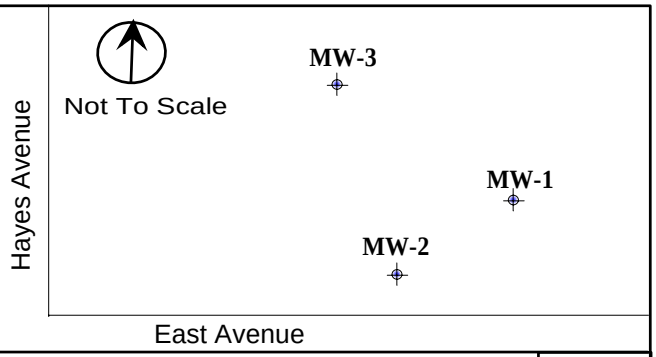


Laboratory Analyzed Sample ID	Sample Depth (feet)	Blows per 6 in.	Moisture Content	Product Odor	Depth in Feet	Graphic Log	Soil Description	Well Const.
	0 - 1.5	4 5 5	MOIST	NO	0		Clayey Gravel (GC), dark brown, moist, medium dense, clay matrix, gravel is subrounded.	
	1.5 - 3.0	5 6 9	MOIST	NO	2			
	3.0 - 4.5	4 5 12	MOIST	NO	4			
	4.5 - 6.0	50 for 1"	MOIST	NO	6		Sandy Gravel (GW), light brown, moist, medium dense to very dense subrounded gravel matrix, with cobbles greater than 2-inches.	
	6.0 - 7.5	7 14 18	MOIST	NO				
	7.5 - 9.0	8 17 28	MOIST	NO	8			
SS-2-10	9.0 - 10.5	13 28 31	MOIST	NO	10			
	10.5 - 12.0	13 30 20	MOIST	NO				
	12.0 - 13.5	10 14 20	MOIST	NO	12		Clayey Gravel (GC), dark brown, moist, dense, clay matrix, with quartz cobbles greater than 2-inches.	
	13.5 - 15.0	10 12 7	MOIST	NO	14			
SS-2-16	15.0 - 16.5	5 5 6	MOIST	NO	16		Silty Clay (CL), light brown, moist, stiff, estimated low plasticity, with trace fine sand.	
	16.5 - 18.0	3 3 5	MOIST	NO				
	18.0 - 19.5	3 4 6	MOIST	NO	18			
SS-2-21	19.5 - 21.0	3 5 8	MOIST	NO	20		▽ = Initial Water at approximately 21.0 feet	
	21.0 - 22.5	5 7 8	WET	NO	22		Sandy Gravel (GW), light brown, wet, medium dense, subrounded gravel matrix.	
	22.5 - 24.0	4 5 7	WET	NO	24		Gravelly Sand (SW), light brown, wet, coarse.	
	24.0 - 25.5	5 8 12	WET	NO			Sandy Gravel (GW), light brown, wet, dense to very dense, subrounded gravel matrix.	
	25.5 - 27.0	11 21 23	WET	NO	26			
	27.0 - 28.5	30 23 30	WET	NO	28			
					30		Total Depth Explored 29 feet bgs	
					32			
					34			
					36		0.020 Slotted Casing 14' - 29' #3 Sand 12' - 29' Bentonite 9' - 12' Grout 9' - surface	
					38			
					40			

GEORESTORATION, INC.

WELL LOG [MW-2]

Well Name	**MW-3**
Client	RM Assoc.
Location	RR #64 - 4186 East Ave., Livermore, CA
Date	05/02/07
Drilling Co.	Exploration Geoservices, Inc. (C-57#484288)
Drilling Method	Hollow-Stem Augers (8")
Sampling Method	2" CA Modified Split-Spoon Sampler
Well Casing	2" Sch 40 PVC / 0.020 casing / #3 Sand
Logged By	Forrest Cook PG # 8201



Laboratory Analyzed Sample ID	Sample Depth (feet)	Blows per 6 in.	Moisture Content	Product Odor	Depth in Feet	Graphic Log	Soil Description	Well Const.
	0 - 1.5	7 8 12	MOIST	NO	0		Clayey Gravel (GC), dark brown, moist, medium dense, clay matrix, gravel is subrounded with cobbles greater than 2-inches.	
	1.5 - 3.0	4 7 8	MOIST	NO	2			
	3.0 - 4.5	8 10 11	MOIST	NO	4			
	4.5 - 6.0	5 10 8	MOIST	NO	6			
	6.0 - 7.5	4 7 24	MOIST	NO			Sandy Gravel (GW), dark brown, moist, medium dense to dense, subrounded gravel matrix, with many cobbles greater than 2-inches.	
	7.5 - 9.0	9 14 26	MOIST	NO	8			
SS-3-10	9.0 - 10.5	9 12 13	MOIST	NO	10			
	10.5 - 12.0	12 10 15	MOIST	NO			decreasing cobbles.	
	12.0 - 13.5	11 12 16	MOIST	NO	12		Clayey Gravel (GC), dark brown, moist, medium dense, clay matrix, gravel is subrounded, with cobbles increasing in size with depth.	
SS-3-15	13.5 - 15.0	5 7 11	MOIST	NO	14			
	15.0 - 16.5	11 12 14	MOIST	NO	16			
	16.5 - 18.0	6 5 6	MOIST	NO			Sandy Clay (CL), light brown, moist, stiff, to very stiff, estimated low plasticity, sand is fine.	
	18.0 - 19.5	5 8 12	MOIST	NO	18			
	19.5 - 21.0	6 10 14	MOIST	NO	20			
SS-3-22	21.0 - 22.5	9 14 21	WET	NO	22		Clayey Gravel (GC), dark brown, moist to wet, medium dense to dense, clay matrix, gravel is subrounded with cobbles greater than 2-inches.	
	22.5 - 24.0	8 10 10	WET	NO	24			
	24.0 - 25.5	7 8 15	WET	NO			Sandy Gravel (GW), light gray, wet, medium dense, subrounded gravel matrix.	
	25.5 - 27.0	15 15 12	WET	NO	26			
	27.0 - 28.5	9 12 15	WET	NO	28			
	28.5 - 30.0	8 7 5	WET	NO			Silty Clay (CL), light brown, wet, stiff.	
					30		Total Depth Explored 30 feet bgs	
					32		= Initial Water at approximately 22.0 feet	
					34		0.020 Slotted Casing 15' - 30' #3 Sand 13' - 30' Bentonite 10' - 13' Grout 10' - surface	
					36			
					38			
					40			

GEORESTORATION, INC.

WELL LOG [MW-3]
Page 1 of 1

RM Associates

Environmental Consultants

BORING LOG

Drill Rig:	Rotary	Date Drilled:	04/29/05	Logged By:
Boring Dia:	8 Inches	Boring Number:	**W-1**	R. Michelson

Sample	Blow Counts	Completion	Depth Feet	Lithology	Description
			5		Asphalt Pavement Silty Sandy Gravel, dark brown, angular, dry, no odor, GM
	22-17-26		10		Silty Sandy Gravel, dark brown, angular, dry, no odor, GM
	9-19-22		15		
					Moist Clayey, Silt, dark brown, hydorcarbon odor, moist, CL
	5-6-7		20		
					Silty Sandy Gravel, med brown, strong hydrocarbon odro, moist, GM
	17-16-14		25		

Completion Notes:

First Water Level (ft.)	25
Static Water Level (ft.)	22

Site:

East Avenue Services
4186 East Avenue
Livermore, CA 96021

Project No.: 101-9901

RM Associates

Environmental Consultants

BORING LOG

Drill Rig:	Rotary	Date Drilled:	4/29/05	Logged By:	
Boring Dia:	8 Inches	Boring Number:	**W-2**		Ron Michelson

Sample	Blow Counts	Completion	Depth Feet	Lithology	Description
					Asphalt Pavement
					Silty Gravel, med brown, moist, no hydrocarbon odor, GM
			5		
	16-22-30		10		
	10-14-22		15		
					Clayey Silt, med brown, moist, no hydrocarbon odor CL
	6-7-8		20		
					Silty sandy, Gravel (fine), moist, no hydrocarbon odor, GM
	9-28-34		25		

Completion Notes:

First Water Level (ft.)	22
Static Water Level (ft.)	22

Site:

East Aveneu Services
4186 East Avenue
Livermore, California 96021

Project No.: 101-9901

RM Associates

Environmental Consultants

BORING LOG

Drill Rig:	Rotary	Date Drilled:	4/29/05	Logged By:	
Boring Dia:	8 Inches	Boring Number:	**W-3**		Ron Michelson

Sample	Blow Counts	Completion	Depth Feet	Lithology	Description
					Asphalt Pavement
					Silty gravel, medium brouwn, dry, no odor GM
			5		
			10		
			15		
					Clayey Silt, med brown, moist, no hydrocarbon odor CL
	8-8-9		20		
			25		

Completion Notes:

First Water Level (ft.)	22
Static Water Level (ft.)	22

Site:

East Aveneu Services
4186 East Avenue
Livermore, California 96021

Project No.: 101-9901

RM Associates
Environmental Consultants

BORING LOG

Drill Rig:	Rotary	Date Drilled:	4/29/05	Logged By:
Boring Dia:	8 Inches	Boring Number:	**W-4**	Ron Michelson

Sample	Blow Counts	Completion	Depth Feet	Lithology	Description
					Asphalt Pavement
					Silt, dark brown, moist CL
			5		Silty fine pebbled Gravel, light brown dry GM
			10		
	20-15-26		15		Silty sandy gravel, large pebbles, medium brown, moist, GM
	7-10-14		20		
	8-12-17				Clayey Silt with scattered gravel CL
			25		

Completion Notes:

First Water Level (ft.) 23

Static Water Level (ft.) 22

Site:

East Aveneu Services
4186 East Avenue
Livermore, California 96021

Project No.: 101-9901 | Page 1

RM Associates

Environmental Consultants

BORING LOG

Drill Rig:	Rotary	Date Drilled:	4/29/05	Logged By:	
Boring Dia:	8 Inches	Boring Number:	**W-6**		Ron Michelson

Sample	Blow Counts	Completion	Depth Feet	Lithology	Description
					Asphalt Pavement
					Silty, sandy, Gravel, dark brown, dry GM
			5		
			10		
	13-15-7		15		
					Clayey Silt, dark brown, moist at 20'
	5-7-8		20		
			25		

Completion Notes:

First Water Level (ft.)	22
Static Water Level (ft.)	22

Site:

East Aveneu Services
4186 East Avenue
Livermore, California 96021

Project No.: 101-9901

RM Associates

Environmental Consultants

BORING LOG

Drill Rig:	Rotary	Date Drilled:	4/29/05	Logged By:	
Boring Dia:	8 Inches	Boring Number:	**S-5**		Ron Michelson

Sample	Blow Counts	Completion	Depth Feet	Lithology	Description
					Asphalt Pavement
					Silt, sandy with scattered gravel, dark brouwn
			5		
					Gravel, well sorted, medium brown, dry, GP
			10		
					Silty sandy gravel, medium brown, slightly moist, GM
	8-13-19		15		
	5-7-10		20		
			25		

Completion Notes:

First Water Level (ft.) NA

Static Water Level (ft.) NA

Site:

East Aveneu Services
4186 East Avenue
Livermore, California 96021

Project No.: 101-9901 | Page 1

RM Associates

Environmental Consultants

BORING LOG

Drill Rig:	Rotary	Date Drilled:	4/29/05	Logged By:	
Boring Dia:	8 Inches	Boring Number:	**S-7**		Ron Michelson

Sample	Blow Counts	Completion	Depth Feet	Lithology	Description
					Asphalt Pavement
					Gravel, silty, sandy, dark brown, dry
			5		
					Gravel, sandy, greenish brown, dry
			10		
					Silty sandy gravel, dark brown, dry, slight hydrocarbon odor
			15		
					Clayey Silt, greenish discollored, hydrocarbon odor
			20		
			25		

Completion Notes:

First Water Level (ft.) NA

Static Water Level (ft.) NA

Site:

East Aveneu Services
4186 East Avenue
Livermore, California 96021

Project No.: 101-9901

APPENDIX B

BORING LOGS FOR WATER SUPPLY WELLS

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

APPENDIX C

TRANSMITTAL LETTER

ROBINSON OIL
corporation Circa 1938
Rotten Robbie CFN PACIFIC PRIDE THE COMMERCIAL FUELING SYSTEM
955 Martin Avenue, Santa Clara, CA 95050 • phone 408.327.4300 • fax 408.327.4340

January 3, 2011

Mr. Ronald W. Michelson
RM Associates
619 S. Knik-goose Bay Road, Suite H, #253
Wasilla, AK 99654

Site Location: Rotten Robbie #64
4186 East Avenue
Livermore, CA

Report Title: Case Closure Request Report

Report Date: December 30, 2010

Dear Mr. Michelson:

I have reviewed and approved the above referenced report. Please submit it to the regulatory agencies listed in the distribution section of the report. Should any of the listed regulatory agencies require it, I am prepared to declare, under penalty of perjury, that to the best of my knowledge the information in the above referenced report is true and correct.

Sincerely,

Thomas L. Robinson