TANK CLOSURE REPORT

MISSION VALLEY ROCK
799 ATHENOUR WAY
SUNOL, CA 94586

6/96

TANK PROTECT ENGINEERING
Of Northern California, Inc

2821 Whipple Road
Union City, CA 94587-1233
415/429-8088 • 800/523-8088
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Engr. Contr. Lic. # 575837

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799 ATHENOUR WAY
SUNOL, CA 94586

Prepared For:
MORT CALVERT
MISSION VALLEY ROCK
799 ATHENOUR WAY
SUNOL, CA 94586

Submitted By:
TANK PROTECT ENGINEERING
Of Northern California, Inc.
2821 WHIPPLE ROAD
UNION CITY, CA 94587
(510) 429-8088

August 12, 1996

Project Number 384

Louis Travis III
Project Engineer

Jeff J. Farhoomand, M.S.
Principal Engineer

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Prepared For:
MR. MORT CALVERT
MISSION VALLEY ROCK
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August 12, 1996

This report has been prepared by the staff of **Tank Protect Engineering of Northern California, Inc.** under direction of an Engineer and/or Geologist whose seal(s) and/or signature(s) appear hereon.

The findings, recommendations, specifications or professional opinions are presented, within the limits prescribed by the client, after being prepared in accordance with generally accepted professional engineering and geologic practice. We make no other warranty, either expressed or implied.

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1.0 INTRODUCTION

The subject site is located at 799 Athenour Way in the City of Sunol in Alameda County, California. Tank Protect Engineering of Northern California, Inc. (TPE) was contracted by Mission Valley Rock (MVR) to remove two 10,0000-gallon underground steel, diesel storage tanks and one 2,000-gallon underground steel, gasoline storage tank. The contact person for the site is Mr. Mort Calvert; telephone number (510) 862-2257.

This report documents tank closure activities at the subject site.

2.0 TANK REMOVAL

Prior to beginning tank removal activities, TPE obtained an acceptance of an Underground Tank Closure Plan from the Alameda County Health Care Services Agency (ACHCSA), Department of Environmental Health, Hazardous Materials Division on May 29, 1996 (see Appendix A) and notified the California Regional Water Quality Control Board (CRWQCB)-San Francisco.

Tank removal activities began on June 18, 1996 by excavating about 480 cubic yards (cyds) of soil over and around the tanks to uncover it for hoisting to the ground surface (see Figure 1). The excavated soil was placed on top of and covered with plastic sheeting. Apparent hydrocarbon contamination as evidenced by stains and odor, was present in the stockpiled soil. 460 yds^3

The tank excavation was L-shaped, with the excavation reaching a maximum depth of about 12.5 feet. The lithology of the sidewalls consisted of well-graded sand to a depth of about 3.5 feet; a gravelly clay, mottled black to brown, to a depth of about 7.5 feet underlain by poorly sorted gravels to a total depth of 12.5 feet. Hydrocarbon contamination was apparent in the floor of the excavation.

Purged groundwater was encountered in the excavation at a depth of 10.0' feet.
"perched"?

Prior to removal from the excavation, the tanks were purged of flammable vapors by displacement with dry ice as indicated by a combustible gas indicator (Gastech model 1314). After being removed to the ground surface, the tanks were examined for evidence of leakage by TPE and the ACHCSA inspector. The tanks appeared in good condition and no holes were observed; however **a hole approximately 1/4" inch in diameter was observed in one of the fuel lines.**

The tanks and associated piping were transported off site by Erickson, Inc., as hazardous waste under Uniform Hazardous Waste Manifest, State Manifest Document Numbers 95780443 and 95780444 (see Appendix A) to their facility located at 255 Parr Boulevard in Richmond, California 94801. At this location the tanks were cut open, processed and therefore destroyed (see Appendix A).

Tank removal and subsequent soil sampling were conducted under supervision of the ACHCSA inspector and in accordance with the California Regional Water Quality Control Board-San Francisco Bay Region's "Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites" dated August 10, 1990.

3.0 Overexcavation of Contaminated Soil

Because of obvious hydrocarbon contamination as evidenced by soil staining and odors from the excavation and the stockpiled soil, ACHCSA verbally authorized MVR to conduct overexcavation of the floor of the excavation to investigate for possible soil contamination. With the verbal approval of the ACHCSA and MVR, TPE conducted overexcavation actions on June 26, 1996. **TPE excavated about 177 cyds of contaminated soil from the floor of the former diesel tanks and gasoline tank area.** No horizontal excavation was conducted. Vertical excavation was conducted to an estimated maximum depth of about 15.5 feet (see Figure 2).

over ex occured prior to sampling

177 yds^3

The extent of excavation was based on field-screening methods that included detection of the apparent contamination as evidenced by visible hydrocarbon soil stains, odors and headspace field-screening of excavated soil samples using a Gastech Trace-Techtor hydrocarbon vapor tester (HVT). Headspace analysis was conducted by sealing a soil

sample in a quart-size plastic bag and allowing the hydrocarbons, if present, to volatilize into the headspace of the bag. The headspace was tested by inserting the probe of the HVT into the headspace of the bag, while minimizing the entry of fresh air, and recording the response in ppm.

All excavated soil was placed on top of and covered with plastic sheeting. **Additional excavation was not conducted since the contamination appeared more widespread than expected and the ACHCSA verbally required a workplan for conducting any further work.**

3.1 Verification Soil Sampling

Verification sampling was conducted under the supervision of a representative from the ACHCSA. **Six discrete verification soil samples were collected from the excavation sidewalls and floor at depths of 9.0 to 13.5 feet.** Sixteen discrete verification soil samples were collected from the stockpiled soil for laboratory compositing into 4 composites samples. (see Figure 2).

Verification soil samples S-1 through S-6 were collected from about 1 to 2 feet into the native soil by excavating a block of soil with a excavator bucket and collecting the soil sample from the bucket in a clean 2-inch diameter by 6-inch long brass tube driven by a slide-hammer corer.

Stockpile soil samples SP-1 through SP-4 were collected on June 18, 1996, as discrete samples for laboratory compositing, such that 4 discrete samples were composited into 1 sample for stockpile characterization. Four stockpile soil samples were collected for laboratory compositing as sample SP-5 on June 26, 1996. Stockpile soil sample SP-a through SP5-D was taken from the soil stockpile generated by overexcavation activities conducted on June 26,1996. All samples were collected from the middle of the stockpile directly into a brass tube driven by a slide-hammer corer at depths of about 2.0 to 3.0 feet below the stockpile's surface.

After collecting each sample, the brass tube ends were quickly covered with Teflon sheeting and capped with plastic end-caps. Each tube was labeled to show site address, project number, sample name and depth, date and time collected, and sampler

name and stored in an individual plastic bag in an iced-cooler. The samples were delivered to California Department of Health Services (DHS) certified Priority Environmental Labs (PEL) in Milpitas, California accompanied with chain-of-custody documentation (see Appendix B for TPE's protocol relative to sample handling procedures).

All soil samples were analyzed for total petroleum hydrocarbons as diesel (TPHD) by the United States Environmental Protection Agency (EPA) Method 5030/8015; for total petroleum hydrocarbons as gasoline (TPHG) by the EPA Method 3550/8015; and for benzene, toluene, ethylbenzene, and xylenes (BTEX), and Methyl t-butyl ether (MTBE) by Modified EPA Method 8020.

A "grabwater" sample (WS-1) was collected from the excavation at a depth of 10 feet in a laboratory provided, sterilized, 40-milliliter glass vials and 1-liter bottles having Teflon-lined screw caps, and labeled with project name, date and time collected, sample number and sampler name. The samples were immediately stored in an iced-cooler for transport to PEL and analyzed for TPHD and TPHG by EPA Methods 5030/8015 and 3510/8015, respectively. BTEX and MTBE were analyzed by EPA Method 602.

3.1.1 Analytical Results

All soil samples, with the exception of sample S-2, showed detectable limits of hydrocarbon contamination. TPHG was detected in soil samples S-1 and S-3 through S-6 in concentrations of 170 parts per million (ppm), 16 ppm, 790 ppm, 130 ppm and 670 ppm, respectively. TPHD was detected in samples S-4 through S-6 at concentrations of 12 ppm, 450 ppm and 49 ppm, respectively. Some or all BTEX chemicals were detected (see Table 1), with sample S-4 showing the highest detection levels. MTBE was nondetectable limits in all samples.

Chemical analysis of stockpile soil detected TPHG at a concentrations of 160 ppm, 4.5 ppm, 49 ppm, 280 ppm and 47 ppm for SP-1 through SP-5, respectively. TPHD was detected in stockpile samples SP-1 through SP-5 at concentrations of 150 ppm, 90 ppm,

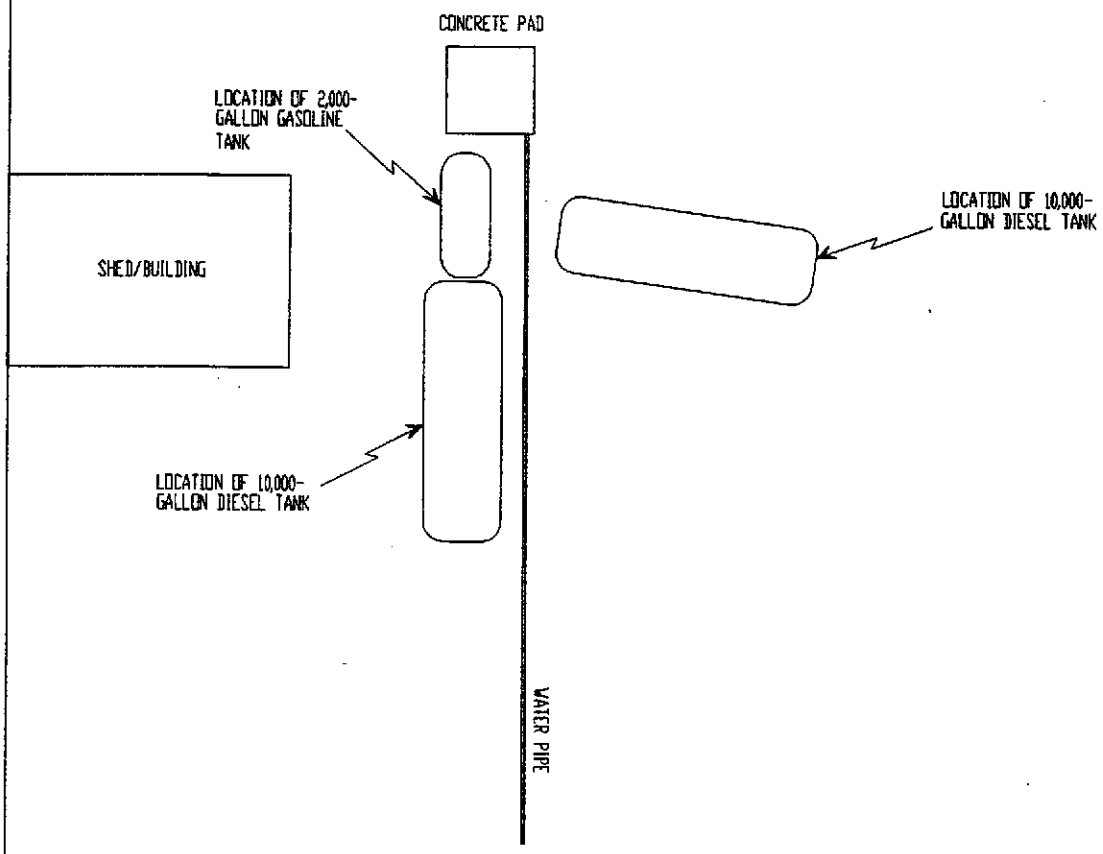
39 ppm, 16 ppm and 45 ppm, respectively. Some or all BTEX chemicals were detected (see Table 1). MTBE was nondetectable limits in all samples.

All soil analytical results are summarized in Table 1 and documented with a certified analytical report and chain-of-custody in Appendix C.
Chemical analysis of "grabwater" sample WS-1 detected TPHG and TPHD at concentrations of 12,000 parts per billion (ppb) and 1,200 ppb, respectively. All BTEX chemicals were detected, and results for MTBE were nondetectable.

"Grabwater" analytical results are summarized in Table 2 and documented with a certified analytical report and chain-of-custody in Appendix C.

4.0 DISPOSITION OF EXCAVATION

Partial closure of the excavation was conducted in the area of the former diesel/gasoline tank complex was begun in June 18, 1996 to support the southerly sidewall from slumping. The remaining portion of the excavation was left open and protected with fencing, barricades and caution tapes.



LEGEND

-N-

0 20

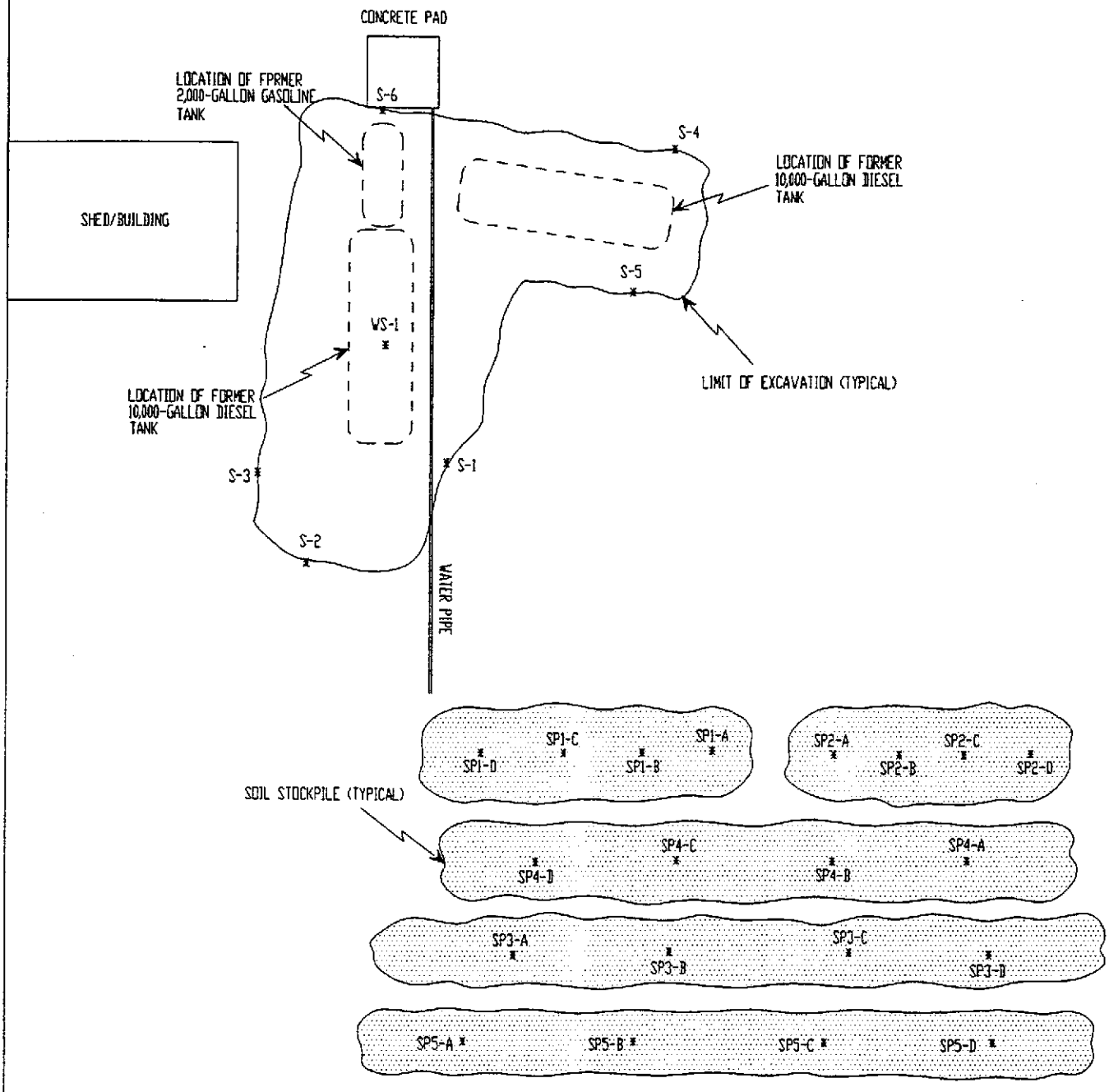
APPROXIMATE SCALE IN FEET

TANK PROTECT ENGINEERING

SITE PLAN

MISSION VALLEY ROCK
799 ATHENOUR WAY
SUNOLE, CA 94586

DATE	5/17/96
FIGURE	1
FILE #	384-N
DRAWN BY	VK
CHECKED BY	



LEGEND

-N-

0 20

APPROXIMATE
SCALE IN FEET

TANK PROTECT ENGINEERING

SITE PLAN

MISSION VALLEY ROCK
799 ATHENOUR WAY
SUNOLE, CA 94586

DATE	7/9/96
FIGURE	2
FILE #	384-1N
DRAWN BY	VK
CHECKED BY	LT III

TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
(ppm[1])

Sample ID Name	Date	Depth (Feet)	TPHG	TPHD	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE
S-1	06/18/96	13.5-14.0	170	<1.0	0.065	0.075	0.14	0.23	<0.005
S-2	06/18/96	13.0-13.5	<1.0	<1.0	<.0050	<.0050	<.0050	<.0050	<0.005
S-3	06/18/96	12.5-13.0	16	<1.0	0.0061	0.0071	0.027	0.047	<0.005
S-4	06/18/96	12.0-12.5	790	12	1.1	2.8	4.4	14	<0.005
S-5	06/18/96	12.0-12.5	130	450	0.6	0.21	0.7	28	<0.005
S-6	06/18/96	9.0-9.5	670	49	0.26	0.077	0.2	0.44	<0.005
SP1-A,B,C,D	06/18/96	2.0-2.5	160	150	0.033	0.028	0.13	0.19	<0.005
SP2-A,B,C,D	06/18/96	2.0-2.5	4.5	90	0.0096	<0.005	0.014	0.058	<0.005
SP3-A,B,C,D	06/18/96	2.0-2.5	49	39	0.021	0.023	0.12	0.13	<0.005
SP4-A,B,C,D	06/18/96	2.0-2.5	280	16	0.53	0.019	2.1	3.3	<0.005
SP5-A,B,C,D	06/26/96	2.0-2.5	47	45	0.15	0.13	0.53	1.6	<0.005

[1] PARTS PER MILLION

TABLE 2

SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS

~~(ppb)~~[1] ppm

Sample ID Name	Date	DEPTH (FEET)	TPHG	TPHD	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE
WS-1	06/18/96	10.0-10.5	12	1.2	0.035	0.026	0.029	0.072	<0.0005

[1] PARTS PER ~~BILLION~~ Million

APPENDIX A

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY, DEPARTMENT OF ENVIRONMENTAL HEALTH, UNDERGROUND TANK CLOSURE PLAN

UNIFORM HAZARDOUS WASTE MANIFESTS

CERTIFIED SERVICES COMPANY, CERTIFICATES OF DISPOSAL

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH, HAZARDOUS MATERIALS INSPECTION FORM

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL PROTECTION DIVISION
1131 HARBOR BAY PARKWAY, RM 250
ALAMEDA, CA 94502-6577
PHONE # 510/567-6700
FAX # 510/337-9335

ENVIRONMENTAL PROTECTION
96 MAY 29 PM 12:47

Scott Seery
Project Specialist

SS 5/29/96

ACCEPTED

Underground Storage Tank Closure Permit Application
Alameda County Division of Hazardous Materials
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and Local Health Laws. Changes to your closure plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction/destruction.

One copy of the accepted plans must be on the job and available to all contractors and craftsmen involved with the removal.

Any changes or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspection Department to determine if such changes meet the requirements of State and local laws. Notify this Department at least 72 hours prior to the following required inspections:

____ Removal of Tank(s) and Piping
____ Sampling
____ Final Inspection

Issuance of a) permit to operate, b) permanent site closure, is dependent on compliance with accepted plans and all applicable laws and regulations.

*THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

Contact Specialist:

UNDERGROUND TANK CLOSURE PLAN
*** * * Complete according to attached instructions * * ***

1. Name of Business Mission Valley Rock, Co.
   Business Owner or Contact Person (PRINT) Mort Calvert
2. Site Address 7999 Athenour Way
   City Sunol Zip 94586 Phone (510) 862-2257
3. Mailing Address 7999 Athenour Way
   City Sunol Zip 94586 Phone (510) 862-2257
4. Property Owner Mission Valley Rock, Inc.
   Business Name (if applicable) Same
   Address 799 Athernour Way
   City, State Sunol, CA Zip 94586
5. Generator name under which tank will be manifested
   Mission Valley Rock, Co.

   EPA ID# under which tank will be manifested CAL000028942

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ YES ☒ NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ YES ☐ NO

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.
SIGNED _____ DATE _____

REPORT DATE: 06/26/96 | CASE #:

REPORTED BY

NAME OF INDIVIDUAL FILING REPORT: Louis Travis III | PHONE: (510) 429-8088 | SIGNATURE

REPRESENTING ☒ OWNER/OPERATOR ☐ REGIONAL BOARD ☐ LOCAL AGENCY ☐ OTHER _____

COMPANY OR AGENCY NAME: Tank Protect Engineering Of Northern California, Inc.

ADDRESS: 2821 Whipple Road (STREET) | Union City (CITY) | CA (STATE) | 94587-1233 (ZIP)

RESPONSIBLE PARTY

NAME: Mission Valley Rock ☐ UNKNOWN | CONTACT PERSON: Mort Calvert | PHONE: (510)862-2257

ADDRESS: 799 Athenour Way (STREET) | Sunol (CITY) | CA (STATE) | 94586 (ZIP)

SITE LOCATION

FACILITY NAME (IF APPLICABLE): Mission Valley Rock | OPERATOR | PHONE: (510)862-2257

ADDRESS: 799 Athenour Way (STREET) | Sunol (CITY) | CA (COUNTY) | 94586 (ZIP)

CROSS STREET: Andrade Road

IMPLEMENTING AGENCIES

LOCAL AGENCY / AGENCY NAME: ACHCSA | CONTACT PERSON: Scott Seery | PHONE: (510) 567-6700

REGIONAL BOARD: CRWQCB- San Francisco | | PHONE: (510)286-1255

SUBSTANCES INVOLVED

(1) NAME: Petroleum Hydrocarbons - see below | QUANTITY LOST (GALLONS): _____ ☐ UNKNOWN

(2) _____ ☐ UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED: 06/18/96 | HOW DISCOVERED: ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☒ TANK REMOVAL ☐ OTHER _____

DATE DISCHARGE BEGAN: __/__/__ ☐ UNKNOWN

HAS DISCHARGE BEEN STOPPED? ☒ YES ☐ NO IF YES, DATE __/__/__

METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)
☐ REMOVE CONTENTS ☒ CLOSE TANK & REMOVE ☐ REPAIR PIPING
☐ REPAIR TANK ☐ CLOSE TANK & FILL IN PLACE ☐ CHANGE PROCEDURE
☐ REPLACE TANK ☐ OTHER _____

SOURCE/CAUSE

SOURCE OF DISCHARGE: ☐ TANK LEAK ☒ UNKNOWN ☐ PIPING LEAK ☐ OTHER

CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL ☐ CORROSION ☒ UNKNOWN ☐ OTHER _____

CASE TYPE

CHECK ONE ONLY
☐ UNDETERMINED ☐ SOIL ONLY ☐ GROUNDWATER ☐ DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS

CHECK ONE ONLY
☐ NO ACTION TAKEN ☐ PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED ☐ POLLUTION CHARACTERIZATION
☐ LEAK BEING CONFIRMED ☐ PRELIMINARY SITE ASSESSMENT UNDERWAY ☐ POST CLEANUP MONITORING IN PROGRESS
☐ REMEDIATION PLAN ☐ CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) ☐ CLEANUP UNDERWAY

REMEDIAL ACTION

CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)
☐ CAP SITE (CD) ☐ EXCAVATE & DISPOSE (ED) ☐ REMOVE FREE PRODUCT (FP) ☐ ENHANCED BIO DEGRADATION (IT)
☐ CONTAINMENT BARRIER (CB) ☐ EXCAVATE & TREAT (ET) ☐ PUMP & TREAT GROUNDWATER (GT) ☐ REPLACE SUPPLY (RS)
☐ VACUUM EXTRACT (VE) ☐ NO ACTION REQUIRED (NA) ☐ TREATMENT AT HOOKUP (HU) ☐ VENT SOIL (VS)
☐ OTHER (OT) _____

COMMENTS

Remove two (2) 10,000-gallon diesel underground storage tanks
Removed one (1) 2,000-gallon gasoline underground stroage tank

HSC 05 (8/90)

REMOVAL WORKSHEET

Project No: 384

EPA: CAL000098942

Owner's Name: Mission Valley Rock, Co.

Site Address: 7998 Athenour Way
Sunol, CA 94586

Removal Date: _____

Scheduled Time: _____

Rescheduled Date: _____

Rescheduled Time: _____

Reason: _____

Inspector's Name(s): _____

Agency: _____

Removal Checklist:

(Date)

_____ Notify appropriate agency

Health Dept. _____

Fire Dept. _____

City (sidewalk). _____

_____ Notify Bay Area Air Quality

_____ Inform tank disposal Facility

_____ Inform client

_____ USA called

Site Safety Plan enclosed Yes__ No__

Site Plan enclosed Yes__ No__

Permits enclosed Yes__ No__

Shoring needed Yes__ No__

Surface Cover for tanks: Concrete Asphalt Dirt

(circle one)

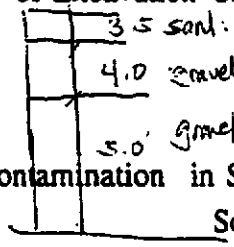
Product Remove By: TPE Client

(circle one)

	Tank 1	Tank 2	Tank 3
Product Removal Date:	6/18/94	6/18/96	
Product Type:	Diesel	Gasoline	
Volume of Product Removed:	15 gal		
Fate:	55 gal drum		
Tank Volume:	10K		
Construction (ie. steel, fiberglass):	Steel		
Condition (holes, rusty, etc):	Wrapped w/ tar paper		

EXCAVATION

	Excavation 1	Excavation 2	Excavation 3
Water in Excavation:	Yes__ No__	Yes__ No__	Yes__ No__
Floating Product Present:	Yes__ No__	Yes__ No__	Yes__ No__
Sheen Present:	Yes__ No__	Yes__ No__	Yes__ No__
Odor Present:	Yes__ No__	Yes__ No__	Yes__ No__
Depth (ft):	_____	_____	_____
Water Removed From Excavation:	Yes__ No__	Yes__ No__	Yes__ No__
Removal Date:	_____	_____	_____
Volume:	_____	_____	_____
Fate:	_____	_____	_____
Did Water Re-Enter Excavation:	Yes__ No__	Yes__ No__	Yes__ No__
Date of Re-Entry:	_____	_____	_____
Sample Date:	_____	_____	_____
Lithology of Excavation Sidewalls:	_____	_____	_____
	3.5 sand: wet graded	_____	_____
	4.0 gravelly clay: mottled black-brown, stiff	_____	_____
	5.0 gravel: poorly sorted well graded	_____	_____
Apparent Contamination in Sidewalls:	Yes__ No__	Yes__ No__	Yes__ No__
Soil Stains:	Yes__ No__	Yes__ No__	Yes__ No__
Odor:	Yes__ No__	Yes__ No__	Yes__ No__
Sample Date:	_____	_____	_____
Number of Discrete Samples Collected:	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____



STOCKPILED SOIL

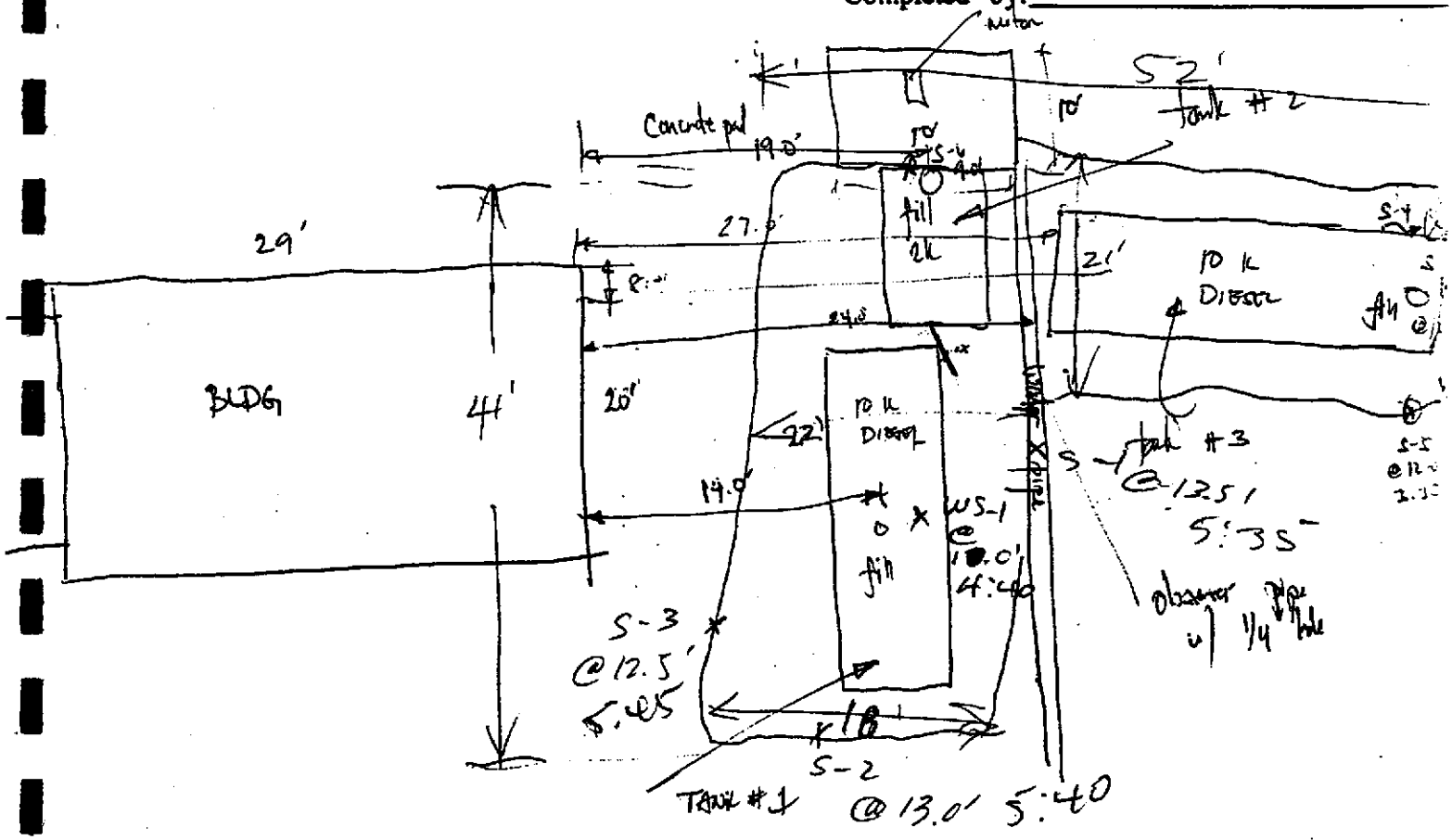
Volume of Native Soil/Fill excavated:	_____ yd^3	_____ yd^3	_____ yd^3
Apparent Contamination present:	Yes__ No__	Yes__ No__	Yes__ No__
Soil Stains:	Yes__ No__	Yes__ No__	Yes__ No__
Odor:	Yes__ No__	Yes__ No__	Yes__ No__
Number of Samples Collected:	_____	_____	_____
Discrete/Composite:	_____	_____	_____
Sample Date:	_____	_____	_____
Stockpile covered:	Yes__ No__	Yes__ No__	Yes__ No__

Mark sample(s) location on attached Site Plan and indicate name and depth of each sample. Show outline of excavations, location of stockpiled soil, and location and depth of stockpile soil samples.

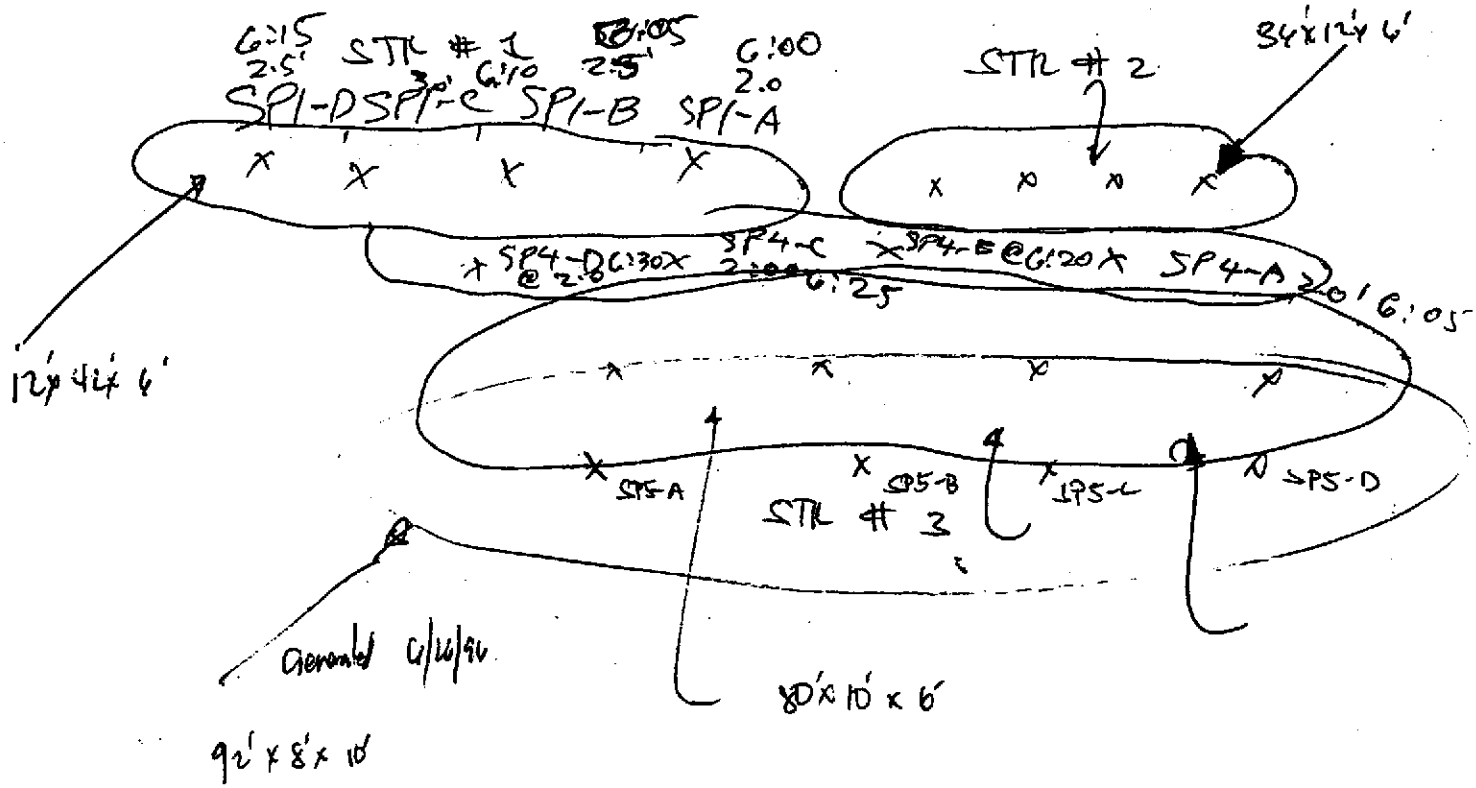
Observations/comments (sidewalls unstable, utilities endangered, etc.):

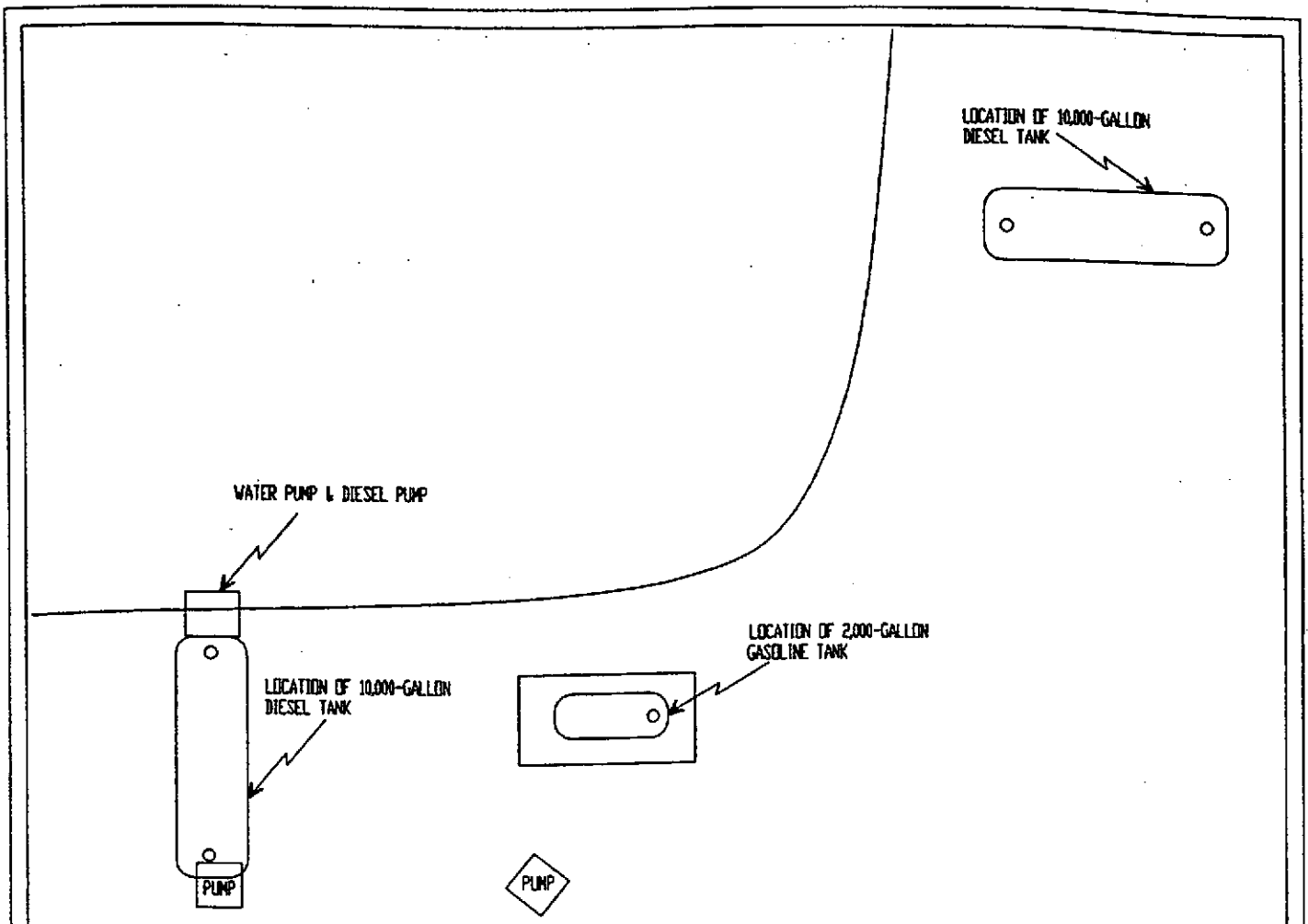
1) observed water seeping in from backfill (sand) during tank removal preparation
2) observed sheen on water
3) observed soil staining/odor around fill tube of tank #3 ;
4) observed soil staining around side walls & fill materials under tank
5) " strong gasoline & diesel odor during removal of shell material. Staining is a bluish-gray green discoloration all along the sidewalls.

Completed by: _____



SEE BACK


6:15
2.5'
STR # 1
6:10
6:05
2.5'
6:00
2.0
SP1-D
SP1-C
SP1-B
SP1-A
STR # 2
34'x12'x 6'
SP4-D @ 2.0 6:30
SP4-C
SP4-B @ 6:20
SP4-A
6:25
2.0
6:05
12'x 4'x 6'
SP5-A
SP5-B
SP5-C
SP5-D
STR # 3
Generator 6/16/96
92' x 8' x 10'
80'x 10' x 6'



LEGEND

-N-

0 20

APPROXIMATE IN FEET

TANK PROTECT ENGINEERING

SITE PLAN

MISSION VALLEY ROCK
799 ATHENDUR WAY
SUNOLE, CA 94586

DATE	5/17/96
FIGURE	1
FILE #	384-N
DRAWN BY	VK
CHECKED BY	

[redacted]Y OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE
CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 24656

CUSTOMER
TANK PROTECT

JOB NO.
968506

FOR: ERICKSON, INC. TANK NO. 18083

LOCATION: RICHMOND, CA DATE: 06/28/96 TIME: 03:03 PM

TEST METHOD VISUAL/GASTEC (O2/LEL) METER LAST PRODUCT DIESEL

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 10000 GALLONS CONDITION SAFE FOR FIRE

REMARKS: OXYGEN, 20.9%; LOWER EXPLOSIVE LIMIT (LEL), LESS THAN 0.1%

ERICKSON, INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.

ERICKSON, INC. HAS THE APPROPRIATE PERMITS FOR AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

REPRESENTATIVE TITLE INSPECTOR

[redacted]Y OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 24655

CUSTOMER: TANK PROTECT
JOB NO.: 968506

FOR: ERICKSON, INC. TANK NO. 18082

LOCATION: RICHMOND, CA DATE: 06/28/96 TIME: 03:03 PM

[redacted]T METHOD VISUAL/GASTEC (O2/LEL) METER LAST PRODUCT ULG

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 2000 GALLONS CONDITION SAFE FOR FIRE

REMARKS: OXYGEN, 20.9%; LOWER EXPLOSIVE LIMIT (LEL), LESS THAN 0.1%

ERICKSON, INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.

ERICKSON, INC. HAS THE APPROPRIATE PERMITS FOR AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Francisco Chavez — REPRESENTATIVE

TITLE

Dave Sabo — INSPECTOR

CR500

[redacted]Y OR NIGHT
[redacted]ELEPHONE
(510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 24654

CUSTOMER: TANK PROTECT
JOB NO.: 968506

FOR: ERICKSON, INC. TANK NO. 18081

LOCATION: RICHMOND, CA DATE: 06/28/96 TIME: 03:03 PM

[redacted]T METHOD VISUAL/GASTEC (O2/LEL) METER LAST PRODUCT DIESEL

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 10000 GALLONS CONDITION SAFE FOR FIRE

REMARKS: OXYGEN, 20.9%; LOWER EXPLOSIVE LIMIT (LEL), LESS THAN 0.1%

ERICKSON, INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.

ERICKSON, INC. HAS THE APPROPRIATE PERMITS FOR AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Francisco Chavez — REPRESENTATIVE

TITLE

Dave Sabo — INSPECTOR

ia of California—Environmental Protection Agency
Approved OMB No. 2050-0039 (Expires 9-30-96)
Print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6 968506

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1	Information in the shaded areas is not required by Federal law.
CAL000088942	80143	1 of 1	

3. Generator's Name and Mailing Address
MISSION VALLEY ROCK CO
799 ATHENOUR WAY
SUNOL CA 94586

4. Generator's Phone (510) 862-2257

A. State Manifest Document Number 96 [illegible]0443

B. State Generator's ID

5. Transporter 1 Company Name: ERICKSON INC.

6. US EPA ID Number: CAD009466392

C. State Transporter's ID: 9A

D. Transporter's Phone: 510 [illegible]393

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
Erickson, Inc.
255 Parr Blvd.
Richmond, CA. 94801

10. US EPA ID Number: CAD009466392

G. State Facility's ID: CAD009466392

H. Facility's Phone: (510)23[illegible]

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	State / EPA/Other
a. NON-RCRA Hazardous Waste Solid Waste Empty Storage Tank.	02	TP	12000	P	
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
Qty. 02 Empty Storage Tank(s)#18081 18082
Tank(s) have been inerted with 15
lbs. Dry Ice Per 1000 Gallon Capacity.

K. Handling Codes for Wastes Listed Above
a. 01 b.
c. d.

15. Special Handling Instructions and Additional Information
Keep away from sources of ignition. Always wear hardhats when working around U.G.S.T.'s 24 Hr. Contact Name Calvin Mori & Phone 510-862-2257

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
W.M. CALVERT FOR MISSION VALLEY ROCK	W.M. Calvert for Mission Valley Rock	06	18	96

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
CHARLEY ELMORE	Charley Elmore	06	18	96

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
DAVID SATO	DAVE SATO	06	18	96

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER (800) 424-8802

GENERATOR — TRANSPORTER — FACILITY

DTSC 8022A (1/95)
EPA 8700—22

White: TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS.
Yellow: P.O. Box 3000, Sacramento, CA 95812

State of California—Environmental Protection Agency
Approved OMB No. 2050-0039 (Expires 9-30-96)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAL000918942 Manifest Document No. 80144 FF

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Mission Valley Rock Co.
799 Athenour Rd
Sunol CA 94586

4. Generator's Phone (510) 862-2257

5. Transporter 1 Company Name: Erickson Inc.

6. US EPA ID Number: CAD009466392

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
Erickson, Inc.
255 Parr Blvd.
Richmond, CA. 94801

10. US EPA ID Number: CAD009466392

A. State Manifest

B. State Generator

C. State Transporter

D. Transporter's Phone

E. State Transporter's ID

F. Transporter's Phone

G. State Facility: CAD009466392

H. Facility's Phone (510)

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. NON-RCRA Hazardous Waste Solid Waste Empty Storage Tank.	01	TF	10000	P
b.				
c.				
d.				

J. Additional Descriptions for Materials Listed Above
Qty 01 Empty Storage Tank(s) #B083 _____, _____, _____. Tank(s) have been inerted with 15 lbs Dry Ice Per 1000 Gallon Capacity.

K. Handling Codes for Wastes Listed Above
a. 01
b.
c.
d.

15. Special Handling Instructions and Additional Information
Keep away from sources of ignition. Always wear hardhats when working around U.G.S.T.'s 24 Hr. Contact Name Calvin Moat & Phone 510-862-2257

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
W. M. Calvert For Mission Valley Rock	W. M. Calvert for Mission Valley Rock	06	18	96

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charley Elmore	Charley Elmore	06	18	96

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
David Sato	Dave Sato	06	18	96

DO NOT WRITE BELOW THIS LINE.

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF EMERGENCY OR SPILL CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

DTSC 8022A (1/95)
EPA 8700—22

White: TO BE SENT TO DTSC within 30 DAYS
Tan: P.O. Box 3000, Sacramento, CA 95812

APPENDIX B

SAMPLE HANDLING PROCEDURES

APPENDIX B

SAMPLE HANDLING PROCEDURES

Soil and groundwater samples will be packaged carefully to avoid breakage or contamination and will be delivered to the laboratory in an iced-cooler. The following sample packaging requirements will be followed.

- Sample bottle/sleeve lids will not be mixed. All sample lids will stay with the original containers and have custody seals affixed to them.

- Samples will be secured in coolers to maintain custody, control temperature and prevent breakage during transportation to the laboratory.

- A chain-of-custody form will be completed for all samples and accompany the sample cooler to the laboratory.

- Ice, blue ice or dry ice (dry ice will be used for preserving soil samples collected for the Alameda County Water District) will be used to cool samples during transport to the laboratory.

- Water samples will be cooled with crushed ice. In the Alameda County Water District, water samples will be buried in the crushed ice with a thermometer, and the laboratory will be requested to record thermometer temperature at the time of receipt.

- Each sample will be identified by affixing a pressure sensitive, gummed label or standardized tag on the container(s). This label will contain the site identification, sample identification number, date and time of sample collection and the collector's initials.

- Soil samples collected in brass tubes will be preserved by covering the ends with Teflon tape and capping with plastic end-caps. The tubes will

be labeled, sealed in quart size bags and placed in an iced-cooler for transport to the laboratory.

All groundwater sample containers will be precleaned and will be obtained from a State Department of Health Services certified analytical laboratory.

Sample Control/Chain-of-Custody: All field personnel will refer to this workplan to verify the methods to be employed during sample collection. All sample gathering activities will be recorded in the site file; all sample transfers will be documented in the chain-of-custody; samples will be identified with labels; all sample bottles will be custody-sealed. All information is to be recorded in waterproof ink. All TPE field personnel are personally responsible for sample collection and the care and custody of collected samples until the samples are transferred or properly dispatched.

The custody record will be completed by the field technician or professional who has been designated by the TPE project manager as being responsible for sample shipment to the appropriate laboratory. The custody record will include, among other things, the following information: site identification, name of person collecting the samples, date and time samples were collected, type of sampling conducted (composite/grab), location of sampling station, number and type of containers used and signature of the TPE person relinquishing samples to a non-TPE person with the date and time of transfer noted. The relinquishing individual will also put all the specific shipping data on the custody record.

Records will be maintained by a designated TPE field employee for each sample: site identification, sampling location, station number, date, time, sampler's name, designation of the sample as a grab or composite, notation of the type of sample (e.g., groundwater, soil boring, etc.), preservatives used, onsite measurement data and other observations or remarks.

APPENDIX C

CERTIFIED ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

PRIORITY ENVIRONMENTAL LABS
Precision Environmental Analytical Laboratory

June 28, 1996

PEL # 9606061

TANK PROTECT ENGINEERING

Attn: Louis Travis III

Re: One composited sample for Gasoline/BTEX with MTBE and Diesel analyses.

Project name: Mission Valley Rock, Co.
Project location: 799 Athenour Way- Sunol
Project number: 384-062696

Date sampled: Jun 26, 1996
Date extracted: Jun 27-28, 1996
Date submitted: Jun 27, 1996
Date analyzed: Jun 27-28, 1996

RESULTS:

SAMPLE I.D.	Gasoline (mg/Kg)	Diesel (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylene (ug/Kg)	MTBE (ug/Kg)
SP5-A,B,C,D	47	45	350	130	530	1600	N.D.
Blank	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spiked Recovery	92.5%	81.8%	99.0%	106.5%	101.4%	108.8%	---
Detection limit	1.0	1.0	5.0	5.0	5.0	5.0	5.0
Method of Analysis	5030 / 8015	3550 / 8015	8020	8020	8020	8020	8020

David Duong
Laboratory Director

764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

TANK PROTECT ENGINEERING
of Northern California, Inc.
2821 Whipple Rd., Union City, CA 94587-1233
(510) 429-8088 ■ (800) 523-8088 ■ Fax (510) 429-8089

LAB: P.E.L

TURNAROUND: 48 hr

P.O. #: 1316

PAGE 1 OF 1

CHAIN OF CUSTODY

PEL # 9606061

INV # 27098

PROJECT NO.: 384-0026096

SITE NAME & ADDRESS: Mission Valley Rock, Co. TR A Athenour Way, Sunol

SAMPLER NAME, ADDRESS AND TELEPHONE NUMBER: Louis Travis PE
2821 WHIPPLE ROAD, UNION CITY, CA 94587 (415) 429-8088

ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION	(1) TYPE OF CONTAINER	ANALYTES REQUESTED: TOTAL LIGHT HC	AROMATIC HC (BTX)	TOTAL HEAVY HC	OIL & GREASE	VOC SCAN (624's)	OTHER (INTBE)
SP5-A	6/26/96	8:15	✓		SP5-A @ 2.0' Stockpile #5	BRASS TUBE	✓	✓	✓		✓	
SP5-B	"	8:20	↓		SP5-B @ 2.5' Stockpile #5	↓	↓	↓	↓		↓	
SP5-C		8:15			SP5-C @ 3.0' Stockpile #5							
SP5-D	↓	8:30	↓		SP5-D @ 2.0' Stockpile #5	↓	↓	↓	↓		↓	

} Composite

Relinquished by : (Signature)	Date / Time	Received by : (Signature)	Relinquished by : (Signature)	Date / Time	Received by : (Signature)
[signature]	6/27/96 1447	Lee Hudkins	Lee Hudkins	6/27/96 1447	
Relinquished by : (Signature)	Date / Time	Received by : (Signature)	Relinquished by : (Signature)	Date / Time	Received by : (Signature)
		[signature]			
Relinquished by : (Signature)	Date / Time	Received for Laboratory by: (Signature) [signature] PEL	Date / Time	Remarks	
	6/27/96 16:47				

DATE: _____

PEL #

TANK PROTECT ENGINEERING
of Northern California, Inc.
2821 Whipple Rd., Union City, CA 94587-1233
(510) 429-8088 ■ (800) 523-8088 ■ Fax (510) 429-8089

LAB: P.E.L

TURNAROUND: 48 hrs

P.O. #: 1311

PAGE 1 OF 3

CHAIN OF CUSTODY

PEL # 9606043

INV # 27080

1/3

PROJECT NO.: 384-061870

SITE NAME & ADDRESS: Mission Valley Rock Inc. Athenour Way Sunol, CA

SAMPLER NAME, ADDRESS AND TELEPHONE NUMBER: Lowe Travis / Lyle Travis
2821 WHIPPLE ROAD, UNION CITY, CA 94587 (415) 429-8088

ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION	(1) TYPE OF CONTAINER	TOTAL LIGHT HC	AROMATIC HC (BTX)	TOTAL HEAVY HC	OIL & GREASE	VOC SCAN (624's)	OTHER MTBE
S-1	6/18/96	5:35	✓		S-1 @ 13.5'	Brass Tube	✓	✓	✓		✓	
S-2	6/18/96	5:40	✓		S-2 @ 13.0'		✓	✓	✓		✓	
S-3	6/18/96	5:45	✓		S-3 @ 12.5'		✓	✓	✓		✓	
S-4	6/18/96	3:25	✓		S-4 @ 12.0' fill end		✓	✓	✓		✓	
S-5	"	3:30	✓		S-5 @ 12.0' side wall		✓	✓	✓		✓	
S-6	"	3:43	✓		S-6 @ 9.0' fill end / side wall		✓	✓	✓		✓	
WS-1	6/18/96	4:40		✓	WS-1 @ 10'	Glass VIAL & Liter	✓	✓	✓		✓	

Relinquished by : (Signature)	Date / Time	Received by : (Signature)	Relinquished by : (Signature)	Date / Time	Received by : (Signature)
Relinquished by : (Signature)	Date / Time	Received by : (Signature)	Relinquished by : (Signature)	Date / Time	Received by : (Signature)
Relinquished by : (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
	6/20/96 16:52	PEL			

DATE: _____

TANK PROTECT ENGINEERING
of Northern California, Inc
2821 Whipple Rd., Union City, CA 94587-1233
(510) 429-8088 ■ (800) 523-8088 ■ Fax (510) 429-8089

LAB: P.E.L
TURNAROUND: 48 hrs
P.O. #: 134

CHAIN OF CUSTODY

PROJECT NO.: 389-061894

SITE NAME & ADDRESS: Miram Valley Rock Way, 739 Athengar, Sheel, CA

SAMPLER NAME, ADDRESS AND TELEPHONE NUMBER: Louis Travis III / Lyle Travis
2821 WHIPPLE ROAD, UNION CITY, CA 94587 (415) 429-8088

ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION	(1) TYPE OF CONTAINER	ANALYTES REQUESTED	TOTAL LIGHT HC	AROMATIC HC (BTX)	TOTAL HEAVY HC	OIL & GREASE	VOC SCAN (624's)	OTHER MTBE	REMARKS
SP1-A	6/18/94	6:00	✓		SP1-A @ 2.0' Stockpile #1	Brass Tube	✓	✓	✓			✓		Composite
SP1-B	↓	6:05	↓		SP1-B @ 2.5' Stockpile #1	↓	↓	↓	↓			↓		
SP1-C		6:10			SP1-C @ 3.0' Stockpile #1									
SP1-D		6:15			SP1-D @ 2.5' Stockpile #1									
SP2-A		2:20			SP2-A @ 2.0' Stockpile #2		✓	✓	✓			✓		Composite
SP2-B		2:25			SP2-B @ 2.0' Stockpile #2		↓	↓	↓			↓		
SP2-C		2:30			SP2-C @ 2.0' Stockpile #2									
SP2-D	↓	2:35	↓		SP2-D @ 2.0' Stockpile #2	↓	↓	↓	↓			↓		

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
[signature]		[signature]			

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)

Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks
	6/20/94 14:53	PEL		

DATE:

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

June 24, 1996 PEL # 9606043

TANK PROTECT ENGINEERING Attn: Louis Travis III

Re: One water and ten soil samples for Gasoline/BTEX with MTBE and Diesel analyses.

Project name: Mission Valley Rock Project number: 384-061896
Project location: 799 Athernour Way - Sunol, CA.

Date sampled: Jun 18, 1996 Date submitted: Jun 20, 1996
Date extracted: Jun 20-24, 1996 Date analyzed: Jun 20-24, 1996

RESULTS:

SAMPLE I.D.	Gasoline (ug/L)	Diesel (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylene (ug/L)	MTBE (ug/L)
WATER							
MW-1	12000	1200	35	26	29	78	N.D.
Detection Limit	50	50	0.5	0.5	0.5	0.5	0.5
Method of Analysis	5030 / 8015	3510 / 8015	602	602	602	602	602

SAMPLE I.D.	Gasoline (mg/Kg)	Diesel (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylene (ug/Kg)	MTBE (ug/Kg)
S-1	170	N.D.	65	75	140	230	N.D.
S-2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
S-3	16	N.D.	6.1	7.1	27	47	N.D.
S-4	790	12	1100	2800	4400	14000	N.D.
S-5	130	450	600	210	700	2800	N.D.
S-6	670	49	260	77	200	440	N.D.
SP 1-A,B,C,D*	160	150	33	28	130	190	N.D.
SP 2-A,B,C,D*	4.5	90	9.6	N.D.	14	58	N.D.
SP 3-A,B,C,D*	49	39	21	23	120	130	N.D.
SP 4-A,B,C,D*	280	16	530	91	2100	3300	N.D.
Blank	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spiked Recovery	92.5%	81.8%	99.0%	106.5%	101.4%	108.8%	---
Detection limit	1.0	1.0	5.0	5.0	5.0	5.0	5.0
Method of Analysis	5030 / 8015	3550 / 8015	8020	8020	8020	8020	8020

*Composited soil samples.

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

TANK PROTECT ENGINEERING
of Northern California, Inc.
2821 Whipple Rd., Union City, CA 94587-1233
(510) 429-8088 ■ (800) 523-8088 ■ Fax (510) 429-8089

LAB: P.E.L
TURNAROUND: 48
P.O. #: 1311

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CHAIN OF CUSTODY

PROJECT NO.: 384-061896

SITE NAME & ADDRESS: Mission Valley Rock, 7999 Athenour Way, Sunol, CA

SAMPLER NAME, ADDRESS AND TELEPHONE NUMBER: Louis Travis III / Lyle Travis
2821 WHIPPLE ROAD, UNION CITY, CA 94587 (415) 429-8088

ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION	(1) TYPE OF CONTAINER	TOTAL LIGHT HC	AROMATIC HC (BTX)	TOTAL HEAVY HC	OIL & GREASE	VOC SCAN (624's)	OTHER MTBE	REMARKS
SP3-A	6/18/96	2:40	✓		SP3-A @ 2.0' stockpile #3	Brass tube	✓	✓	✓			✓	Composite
SP3-B	↓	2:45	↓		SP3-B @ 2.5' stockpile #3	↓	↓	↓	↓			↓	
SP3-C	↓	2:50	↓		SP3-C @ 3.0' stockpile #3	↓	↓	↓	↓			↓	
SP3-D	↓	2:55	↓		SP3-D @ 2.5' stockpile #3	↓	↓	↓	↓			↓	
SP4-A	↓	6:05	↓		SP4A @ 2.0'	↓	↓	↓	↓			↓	COMPOSITE
SP4-B	↓	6:20	↓		SP4-B @ 2.5'	↓	↓	↓	↓			↓	
SP4-C	↓	6:25	↓		SP4-C @ 2.0'	↓	↓	↓	↓			↓	
SP4-D	↓	6:30	↓		SP4-D @ 2.0'	↓	↓	↓	↓			↓	

Relinquished by : (Signature)	Date / Time	Received by : (Signature)	Relinquished by : (Signature)	Date / Time	Received by : (Signature)
[signature]		[signature]			
Relinquished by : (Signature)	Date / Time	Received by : (Signature)	Relinquished by : (Signature)	Date / Time	Received by : (Signature)
Relinquished by : (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
	6/20/96 / 4:54	PEL			

DATE: