

## California Regional Water Quality Control Board, San Diego Region

July 12, 2017

**In reply refer to**  
**T10000009291:ccheng**

Mr. Todd Steen  
2830 Willow Glen Drive  
El Cajon, CA 92020

**Subject: Uniform Closure Letter for Todd Steen Residence, 2830 Willow Glen Drive,  
El Cajon, California**

Mr. Steen:

This letter confirms the completion of a site investigation and corrective action for the underground storage tank(s) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

Claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to section 25299.57, subdivision (k) (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

This notice is issued pursuant to subdivision (g) of section 25296.10 of the Health and Safety Code.

Please be advised that:

1. Any land use changes for the site may require reevaluation to determine if the changes pose an unacceptable risk to public health; and,
2. Any contaminated soil encountered or excavated as part of future subsurface construction/utility work must be managed in accordance with all applicable legal and regulatory requirements.

In the subject line of any response, please include the reference code **T10000009291:ccheng**. For questions or comments, please contact Mr. Charles Cheng by phone at (619) 521-3359, or by email at [Charles.Cheng@waterboards.ca.gov](mailto:Charles.Cheng@waterboards.ca.gov).

Respectfully,



DAVID W. GIBSON  
Executive Officer

DWG;js;jc;clc;cqc

cc (via e-mail):

Ms. Natalie Krage, Craig Consultants, Inc., [natkrage@yahoo.com](mailto:natkrage@yahoo.com)

Tech Staff Info & Use	
GeoTracker Global ID	T10000009291

TELEPHONE  
(619) 460-6812



GENERAL CONTRACTORS  
STATE CONTRACTORS  
LICENSE #087210

**AND EQUIPMENT COMPANY**

1135 SWEETWATER LANE • SPRING VALLEY, CA 92077

P. O. Box 1490

6/30/87

H20208  
C0710

Cottonwood Golf Course  
3121 Willow Glen Road  
El Cajon, CA. 92019

Attn: Norm

Perform Precision Test on 6000 gallon tank. Found tank to be O. K. Found leak in line above tank located leaks and repaired, tested all above tank lines and noted no pressure loss. Job complete 6/30/87.

Respectfully,

A handwritten signature in cursive script that reads "Richard C. Kunze".

Richard C. Kunze  
President

RCK/ark

LB. 04 60 E EZ TTT

TELEPHONE  
(619) 460-8812



GENERAL CONTRACTORS  
STATE CONTRACTORS  
LICENSE #087210

**AND EQUIPMENT COMPANY**  
1135 SWEETWATER LANE • SPRING VALLEY, CA 92077  
P. O. Box 1490

C0710  
1720208

July 28, 1987

San Diego County Health Department  
P. O. Box 85261  
San Diego, CA. 92138-5261

Attn: Mike Verneti

RE: Cottonwood Golf Course 6,000 gallon underground  
tank test and repairs.

Dear Mike:

Per our telecon this date the following was per-  
formed the subject location tank.

Uncovered all connections to tank


Isolated vent system and tested at 75 PSI for 1  
hour no pressure loss noted.

Resloped vent towards tanks and reconnected to tank.

Isolated suction system and tested at 75 PSI and  
noted pressure loss. Found and replaced bad swing  
joint. Retested suction line at 75 PSI for 1 hour  
with no pressure loss noted. Reconnected suction  
line to tank.

Capped vent and suction line at pump and pressure  
tested tank vent and suction line @ 5 PSI for 1  
hour with no pressure loss noted.

Respectfully,

  
Richard C. Kunze  
President

RCK/ark

Aug 11 1987

UWWH

PRECISION TEST FAILURE

DATE 6-26-87 COTTONWOOD COUNTY CLUE EST # T0686

SITE STREET ADDRESS 3121 Willow Glen CITY EL CAJON ZIP 92019

CONTACT PERSON NORM PHONE # (619) 447-0012

MAILING STREET ADDRESS SAME CITY \_\_\_\_\_ ZIP \_\_\_\_\_

PROPERTY OWNER \_\_\_\_\_ MAILING ADDRESS \_\_\_\_\_

CONTRACTOR/TESTER WESTERN PUMP TEST TYPE \_\_\_\_\_

INITIAL TEST DATE 6-18-87 RESULTS -0.25 GPH

TANK TYPE 6000 UNLEADED PRODUCT \_\_\_\_\_ CAPACITY \_\_\_\_\_

ESTIMATE OF PRODUCT LOSS \_\_\_\_\_ RETEST RESULTS \_\_\_\_\_

WAS THE TANK ISOLATED FROM LINES DURING TESTING? YES \_\_\_\_\_ NO X UNKNOWN \_\_\_\_\_

IF YES, IS FAILURE ASSOCIATED WITH THE TANK? YES \_\_\_\_\_ NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

POSSIBLE REASON/LOCATION OF FAILURE:

- PRODUCT LINE
- TANK
- VENT/VAPOR LINE
- VAPOR POCKET
- OTHER \_\_\_\_\_

DOES THE REPORTING PERSON HAVE A COPY OF THE REGULATIONS? YES \_\_\_\_\_ NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

REMARKS PROBABLE PROBLEM IN PIPING  
TANK MAY BE BAD - USED WHEN INSTALLED  
VISIBLE LEAK IN PIPING  
LOTS OF DIGGING GOING ON.

- CONTACT  RWQCB REFERRAL (265-5114) \_\_\_\_\_
- FIRE DISTRICT (PHONE #/CONTACT) \_\_\_\_\_
- HMMU NOTICE \_\_\_\_\_
- OTHER \_\_\_\_\_

HAZARDOUS MATERIALS SPECIALIST [Signature] Per To Bicy

This is considered the initial notification for a suspected unauthorized release due to a failed precision test, within 5 working days the operator shall submit a written report in accordance with the California Underground Storage Tank Regulations, Section 2652. Additionally, owner/operator shall provide a copy of all test results, cause of test failure, the timeline for identifying the location of test and measures for preventing further product loss. Indicate any necessary repairs (a repair permit may be required). Also provide the reschedule date for the precision test, if applicable.

Any component of the tank system which fails the precision test or is a suspected source of product loss to the environment shall have all product removed from that component and/or maintained in such a state so as to preclude further product loss. Consideration must be given to proper tank ballast in high groundwater areas.

NOTE: The tank owner shall maintain the site in a safe and secure manner.

An official notice will be mailed to the owner regarding this matter. If the operator/contact has any further questions please call 236-2222, Tanks Program.

# WESTERN PUMP Inc.

petrochem equipment specialists

9175 Kearny Villa Court, Suite B  
San Diego, California 92123  
(619) 569-7777 • (619) 722-0262

June 26, 1987

Western Service & Equipment  
1135 Sweetwater Lane  
Spring Valley, CA 92077

Attn: Dick Kunze

Subject: Horner Ezy Chek precision test

Location: Cottonwood Country Club  
3121 Willow Glen Drive  
El Cajon, CA 92019

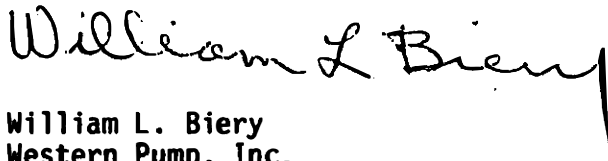
Tank #1 - 6000 Gallon Unleaded Gasoline

Present: Western Pump Inc.: R. B. Perin

On June 18, 1987 the above tank system was precision tested using the Horner Ezy-Chek leak detector system. This method complies with the NFPA #329 guidelines for precision testing and Section 2643 of the California Underground Storage Tank Regulations. These guidelines require 0.05 gallon per hour leak rate accuracy.

We have found from precise liquid level measurement and temperature analysis combined that the above tank system failed to meet the above criteria. During the full system test a visible leak was observed in the piping. This pipe was repaired but continued to weep product. There are more repairs necessary on this tank system before a final precision test can be done. This concludes our test and findings on this date.

Sincerely,



William L. Biery  
Western Pump, Inc.

WLB/cr

# WESTERN PUMP INC.

petrochem equipment specialists

9175 Kearny Villa Court, Suite B  
San Diego, California 92123  
(619) 569-7777 • (619) 722-0262

## HORNER EZY-CHEK TANK TEST RESULTS

Customer Name Western Service & Equipment  
1135 Sweetwater Lane  
Spring Valley, CA 92077

Date 6/18/87

Attn: Dick Kunze

Location of Tank: 3121 Willow Glen Drive  
El Cjaon, CA

Capacity: 6000  
Gallon Unleaded Gasoline

Tank #1 Test Level: Stack

Date of Precision Test: 6/18/87 Certified Tester: R. B. Perin

Specific Gravity of Liquid: 62.5 API

	<u>Liquid Level</u>	<u>Temperature</u>	<u>Net Change</u>
<u>1</u>	<u>-.0984</u>	<u>-.0340</u>	<u>-.0644</u>
<u>2</u>	<u>-.0648</u>	<u>-.0302</u>	<u>-.0346</u>
<u>3</u>	<u>-.048</u>	<u>-.0113</u>	<u>-.0367</u>
<u>4</u>	<u>-.0456</u>	<u>-.0189</u>	<u>-.0267</u>
<u>5</u>	<u>-.1104</u>	<u>-.0151</u>	<u>-.0953</u>
<u>6</u>	<u>-.0912</u>	<u>-.0189</u>	<u>-.0723</u>
<u>7</u>	<u>-.0696</u>	<u>-.0189</u>	<u>-.0507</u>
<u>8</u>	<u>-.0552</u>	<u>-.0226</u>	<u>-.0326</u>

Final Results (Gallons Per Hour):

First Hour: -.1624

Second Hour: -.2509

Comments:

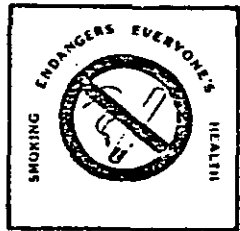




# COUNTY OF SAN DIEGO

## DEPARTMENT OF HEALTH SERVICES

1700 Pacific Highway, San Diego, CA 92101



DIVISION OF ENVIRONMENTAL HEALTH PROTECTION  
HAZARDOUS MATERIALS MANAGEMENT UNIT  
(619) 236-2222

COT10  
H20308

DATE:

MEMORANDUM FOR: California Regional Water Quality Control Board, San Diego Region  
FROM: Hazardous Materials Management Unit (HMMU)  
SUBJECT: UNAUTHORIZED RELEASE OF HAZARDOUS MATERIAL FROM AN UNDERGROUND STORAGE TANK T# 0686

Evidence of an unauthorized release of a hazardous material has been noted by HMMU staff at the site described below:

Site Address	<u>3121 WILLOW GLEN RD</u>	<u>EL CAJON</u>	<u>92019</u>
	Street	City	Zip Code
Property Owner	<u>COTTONWOOD COUNTRY CLUB</u>		
	Name		
	<u>- SAME -</u>		
	Street	City	Zip Code
	Telephone	<u>447-0012</u>	
Tank Operator	<u>COTTONWOOD COUNTRY CLUB</u>		
	Name	Telephone	

The following information is provided for your consideration and action in accordance with the authority and responsibilities of the Regional Board.

Suspected Source(s) TANK  
Amount Released UNK (Gallons) UNK (Time Period)

Release Detected By:

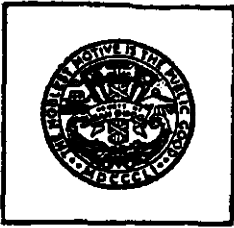
- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Routine Tank Testing | <input type="checkbox"/> Evidence of Soil Contamination Detected During Tank Removal |
| <input type="checkbox"/> Test of Piping                  | <input type="checkbox"/> Evidence of Leaky Tank Detected During Tank Removal         |
| <input type="checkbox"/> Inventory Audit                 | <input type="checkbox"/> Other   |
| <input type="checkbox"/> Monitoring Device/Well          |  |

Description of underground tank systems on property (number, type, age, capacity, material stored, evidence of leakage). 6100 GALLON U-VLORAD TANK FAILED PERMITS TEST BY WILSON PUMPS

Date Release Reported to or Detected by HMMU 6/29/87  
Contact With Other Agencies \_\_\_\_\_  
Additional Comments: \_\_\_\_\_

Please call the HMMU at 236-2222 if you have questions or comments regarding the above.

HMMU Staff MIKE VLAHUT



# COUNTY OF SAN DIEGO

DEPARTMENT OF HEALTH SERVICES

1700 Pacific Highway, San Diego, CA 92101



HAZARDOUS MATERIALS MANAGEMENT UNIT  
(619) 236-2222

## OFFICIAL NOTICE

COTTONWOOD COUNTRY CLUB  
3121 WILLOW GLEN RD  
EL CAJON 92019

RE: UNAUTHORIZED RELEASE #T0686  
3121 WILLOW GLEN RD EL CAJON

Dear NORM:

Information provided to this Department by FAILED PRECISION TEST indicates that the underground hazardous substance storage facility at the location referenced above has experienced an Unauthorized Release (leak).

The conditions created by the Unauthorized Release must be reported and corrected in accordance with Sections 25295 and 25297 of Chapter 6.7 of the California Health and Safety Code (H&SC) and Section 2652, Subchapter 16, Chapter 3, Title 23 of the California Administrative Code (CAC), and Chapter 6.5 of the H&SC and Title 22 of the CAC.

As the owner/operator of the underground storage tank, it is your responsibility to:

1. Take immediate action to prevent further unauthorized release;
2. Determine the extent and impact of the unauthorized release;
3. Submit a written Unauthorized Release Report to this Department within five workdays of receipt of this Notice;
4. Complete and distribute within five workdays the enclosed State Water Resources Control Board's "Underground Storage Tank Unauthorized Release(Leak)/Contamination Site Report";
5. Submit supplemental report as required to update the initial report; and,
6. Complete any site mitigation (cleanup) required.

The Unauthorized Release Reports must address all six Elements listed on the reverse side of this Official Notice, to the extent of the best information known at this time. Additional information and responsibilities are also listed. Please note Item 6 concerning responsibility for payment for staff time expended on the investigation.

Subsequent site characterization and mitigation actions will be determined upon evaluation of the written report and consultation with the Regional Water Quality Control Board and other appropriate regulatory agencies.

Please call me at (619) 236-2222 if you have any questions regarding this Official Notice.

Sincerely,

MIKE VEXULTA

Hazardous Materials Specialist

Enclosure

cc: RWQCB

DHS:HM-9046 (12/86)

## UNAUTHORIZED RELEASE REPORTING ELEMENTS

Each of the following must be addressed in the Unauthorized Release Report (CAC, Title 23, Chapter 3, Subchapter 16, Section 2652):

1. Describe the type, quantity and concentration of the hazardous substance released.
2. Describe the extent of the soil, groundwater, and/or surface water contamination due to the release based on the results of all investigations completed at the time the report is submitted.
3. Describe the method of clean-up implemented to date, proposed clean-up actions, and approximate costs of actions taken to date.
4. Indicate the method and location of disposal of the released hazardous substance and any contaminated soils or groundwater or surface water. (If any contaminated soil or water is removed from the site, include copies of the hazard waste manifests).
5. Describe the proposed method of repair or replacement of the underground tank/piping.
6. Include the tank operator's name and telephone number, the name and telephone number of any consultants retained, and a projection of proposed activity schedule.

NOTE: The completed SWRCB Form (enclosed) with appropriately detailed "comments" will usually suffice as meeting the requirements for the initial Unauthorized Release Report. You must distribute the completed form to all agencies as specified on the back of the form.

## ADDITIONAL INFORMATION/RESPONSIBILITIES

- A. Notify the local Fire Department immediately whenever a fire hazard or explosion hazard is present.
- B. Notify the Regional Water Quality Control Board at (619) 265-5114 within 24 hours regarding this Unauthorized Release.
- C. Cease the unauthorized release immediately by removing the hazardous substance from the system's leaking component(s), as necessary. Give careful consideration to proper tank ballast in areas of high groundwater. Ballast should be inert and compatible with tank residues (i.e., water).
- D. Maintain the site in a safe and secure manner. The excavation, if any, may be back-filled in the interim for safety until site decontamination activities commence.
- E. Obtain necessary permits for repair or removal of the underground tanks/piping from this Department, and other agencies, as appropriate.
- F. Issuance of a permit to install new tanks at a site does not imply that any unauthorized release at the site has been mitigated to the satisfaction of this Department or any other regulatory agency.
- G. The property owner/operator is subject to billing for staff time expended on the Unauthorized Release investigation at the rate of \$40 per hour. The owner/operator will be billed at the completion of the investigation, or every quarter, whichever occurs sooner. The owner/operator must pay the investigation fee in full within 30 days of receipt of the billing. (San Diego County Code Section 68.1008)



177  
H00208-001

# County of San Diego

J. WILLIAM COX, M.D., Ph.D.  
DIRECTOR  
(619) 236-2237

## DEPARTMENT OF HEALTH SERVICES

1700 PACIFIC HIGHWAY, SAN DIEGO, CALIFORNIA 92101-2417

ENVIRONMENTAL HEALTH SERVICES  
HAZARDOUS MATERIALS MANAGEMENT DIVISION  
P.O. BOX 85261  
SAN DIEGO, CA 92138-5261  
(619) 236-2222

August 4, 1987

TO: Norm  
Cotton Country Club  
3121 Willow Glen Road  
El Cajon, CA 92019

RE: UNAUTHORIZED RELEASE #T0686  
3121 WILLOW GLEN ROAD, EL CAJON 92109

Dear Norm:

The written report dated July 28, 1987 regarding a failed precision test of an underground storage tank system at the above referenced site has been reviewed by the Hazardous Materials Management Division (HMMD). Based on the information provided, the situation has been resolved to the satisfaction of the HMMD and no further action regarding the suspected unauthorized release is required at this time. The underground storage tank system has been re-tested and certified tight by Western Pump on June 26, 1987 after only minor adjustments to the system.

Should any information come to light in the future to indicate that an unauthorized release (leak) has occurred at this site, please be advised that the unauthorized release must be reported to the HMMD within 24 hours accordance with Section 25295 of the California Health and Safety Code.

Please do not hesitate to call me at (619) 236-2222 if you have any questions regarding this matter.

Sincerely,

MIKE VERNETTI  
Hazardous Materials Specialist

MV:bfh

cc: Scott Hugenberger, RWQCB

CLERICAL WORK SHEET

H20208 / NTO810

DATE	COMMENTS	INITIALS
8/24/87	PLAS APPROVED INSTALL STAGE 2 VAPOR RECOVERY	MIA
9/21/87	REPIPING APPROVED 9-2-87 FOR PHASE II INSTALLATION	Dg
2/26/93	Merged NTO810 with the Correspondence file.	EJA

FOR HMMU USE:  
Plan Check # N70810  
Date Received 8/11/87  
Fee Paid 312  
Plan Approval 8/24/87  
Estab # \_\_\_\_\_  
Hydro Unit T-1  
Benef. Use Gas

UNDERGROUND HAZARDOUS MATERIALS STORAGE TANK FACILITY

PERMIT APPLICATION

PART I

GENERAL PROJECT INFORMATION

A. SITE ADDRESS: 3121 Willow Glen Road El Cajon 92019  
Street City Zip Code

B. PROPERTY OWNER:  
Company Collinwood Golf Course Contact Norm Trivett  
Mailing Address 3121 Willow Glen Road City El Cajon Zip 92019  
Phone (619) 447-0012  
24 Hr. Emergency Contact Norm Trivett Phone (619) 447-0012

C. OPERATOR:  
Company Same as owner Contact \_\_\_\_\_  
Mailing Address \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_  
Phone ( ) \_\_\_\_\_  
24 Hr. Emergency Contact \_\_\_\_\_ Phone ( ) \_\_\_\_\_

D. CONTRACTOR:  
Primary Contractor Western Services Contact Kelly Quinn  
Mailing Address P.O. Box 1490 City Spring Valley Zip 92072  
Phone (619) 462-8812  
State Contractor License No. 087210  
Worker's Compensation Insurance Company SCE Insurance Phone (619) 589-0303

Here if Owner/Builder:

E. APPLICATION SUBMITTAL, PLAN APPROVAL, PERMIT ISSUANCE, AND REQUIRED INSPECTIONS:

Submit three (3) copies of this application package, including plan drawings, with the required fee to the Department of Health Services, Hazardous Materials Management Unit, Room 311, 1700 Pacific Highway, San Diego, CA 92101. Checks should be made payable to the County of San Diego.

A permit will be issued by the Department of Health Services (DHS) upon review and approval of the application and plans. The required fees must be submitted with the application package. Information in addition to that presented in this application package may be needed in order to obtain final approval. No work is to begin on the proposed project until a permit has been issued. The required inspections cannot be scheduled until a permit has been issued.

Once the permit has been issued, it is the permittee's responsibility to notify the DHS at least two (2) working days in advance to schedule each required inspection.

Construction stages at which inspections are required are indicated in each subpart of this application form (i.e., Part II, III and IV).

DEPT. OF HEALTH SERVICES  
WORKING DAYS BEFORE  
SCHEDULE THE PERMIT  
CONTRACTOR: CONTACT THE  
AT 619-222-2222 AT LEAST TWO  
SITING CONSTRUCTION  
FIELD INSPECTOR

F. Indicate the Company/Person you wish to have our plan check comments directed to by circling the appropriate section letter above or if different enter below.

G. PROJECT WORK TO BE COMPLETED: Check Applicable Box	COMPLETE APPLICATION PARTS	FEE CODE (TABLE H.)	CODES FOR OFFICE USE ONLY
<input type="checkbox"/> Installation/Construction of new tank(s) only (without removing/abandoning any existing tanks.)	I & II	1	NT
<input type="checkbox"/> Removal/Destruction of existing tanks with installation of new tanks (tank replacement).	I, II & III	1 & 2	NR
<input type="checkbox"/> Removal/Destruction of existing tank(s) with no new tank installation.	I & III	2	AT
<input type="checkbox"/> Removal <u>only</u> of one tank less than 1000 gallon with no new tank installation.	I & III	4	AT
<input checked="" type="checkbox"/> Repiping of an existing tank facility.	I & II (Sections E thru N Only)	3	NM
<input type="checkbox"/> Interior coating of an existing tank facility.	I & IV	1	NM

H. FEES: The fees shown below cover plan review and approval and the required field inspections. Use the appropriate Fee Code as determined in Section G above.

Fee Code

<input checked="" type="checkbox"/> Base fee for one tank (\$372)	Fee: \$	_____
Fee for additional tanks (\$102 each)	Fee: \$	_____
<input checked="" type="checkbox"/> Fee to abandon 1 tank (\$156)	Fee: \$	_____
Fee for additional abandoned tanks (\$78 each)	Fee: \$	_____
<input checked="" type="checkbox"/> Fee per Facility (\$312) (Repipe Only)	Fee: \$	<u>312.00</u>
<input checked="" type="checkbox"/> Fee to remove only one tank less than 1000 gallons (\$65)	Fee: \$	_____
TOTAL FEE: \$		<u>312.00</u>
CASH _____	CHECK #	_____

I. PERMITS REQUIRED BY OTHER AGENCIES:

(Jim Deals)  
 Application #'s: Not  
 CDF Fire Dept. required APCD \_\_\_\_\_ Bldg. Dept. \_\_\_\_\_ Cal OSHA \_\_\_\_\_ Other \_\_\_\_\_  
588-0364  
 Provide copies of approved applications from other agencies requiring permits for this project.

- END OF PART I -

County of San Diego  
Department of Health Services

UNDERGROUND HAZARDOUS MATERIALS STORAGE TANK FACILITY

PART II

APPLICATION FOR A PERMIT TO CONSTRUCT

A. Total number of tanks to be installed \_\_\_\_\_

B. Type of primary containers:

Tank #	Manufacturer	Composition	Capacity	Double or Single Wall	Material to be Stored
1					
2					
3					
4					

Attach additional sheets as needed for primary containers.

C. Type of secondary containment:

- Double Wall Tanks       Flexible Liner (liner thickness) \_\_\_\_\_  
 Vault       Other \_\_\_\_\_

Manufacturer \_\_\_\_\_

If other than Double Wall Tanks, will all tanks be in the same secondary containment enclosure? Explain \_\_\_\_\_

Will a system be installed to de-water the containment area? Explain \_\_\_\_\_

D. Tank leak detection/monitoring system:

- Continuous monitoring device within the secondary containment, connected to an audible/visual alarm system.

Manufacturer \_\_\_\_\_

- Daily manual monitoring of the space between the primary and secondary containers using "dip stick" readings or visual determination.

Please specify: \_\_\_\_\_

- Daily Inventory Control/Records reconciliation (for motor vehicle fuels only)

NOTE: If daily gauging and records reconciliation is to be used as the monitoring system, a letter from the property owner must be provided to this Department outlining the frequency and method of monitoring the space between the primary and secondary containers, as well as a statement that the tanks will be tested using an approved testing method every year.

- Other. Explain \_\_\_\_\_



E. Piping Materials and Construction:

Primary Containment 2" galvanized steel Manufacturer/Model \_\_\_\_\_  
Secondary Containment \_\_\_\_\_ Manufacturer/Model \_\_\_\_\_  
(if applicable)

F. Type of product delivery system (i.e., pressurized, suction) Suction

G. Piping leak detection/monitoring system:

- Leak detector on pressurized line (for motor vehicle fuels only)  
Manufacturer \_\_\_\_\_
- Continuous monitoring device within the secondary containment, connected to an audible/visual alarm system.  
Manufacturer \_\_\_\_\_
- Daily manual monitoring of the space between the primary and secondary containers using "dip stick" readings or visual determinations.  
Please specify \_\_\_\_\_
- Other Only one end of tank will be exposed during this project

H. Describe the tank overflow protection system you plan to use. Check all that apply.

- Product level sensing device equipped with high level alarm and/or automatic shut off device. Specify type: \_\_\_\_\_
- Ball float valve on vent ~~and vapor lines~~
- Other. Explain \_\_\_\_\_

I. Indicate type/manufacturer of vapor recovery system to be used:

DPW balance phase

NOTE: Those systems with product flow thru the vapor lines during normal operation require secondary containment of these lines.

J. What is the approximate depth to ground water? 120 feet

Basis of determination Previous work in this area

K. Attach a certification from the manufacturer, or his authorized representative, of the tank and piping materials as to the capability of the tank and piping materials to store the proposed hazardous substances.

L. Attach three copies of Plans showing:

1. Location of all existing and proposed structures
2. Location of all existing underground tanks and piping (indicate if tanks are to be removed or abandoned)
3. Location of all proposed tanks and piping and their secondary containment
4. Cross section of tank and piping system including secondary containment, overflow protection equipment, monitor ports and equipment, extension of all pipes and ports to finish grade

5. Location and detail of monitoring/leak detection systems
6. Location of underground utility lines and vaults
7. Site address, property lines, scale, north arrow
8. Surface elevation and location of 100 year flood plain, if applicable
9. Equipment summary

M. Required Inspections - New Tank Installations

Each new tank installation must be inspected by the DHS at each of the following stages:

1. installation of secondary containment (liner) system, where applicable
2. delivery and test of tank on site; excavation complete; placement of tank in excavation
3. product line and associated piping - pressure test on lines and tank; overfill protection devices installed
4. monitoring system installed; monitor ports brought to surface

Projects involving repiping only will normally require just one inspection (at the line pressure-test stage).

Please refer to "Underground Tank Inspection Record - New Tank Installation" (DHS:HW-914) for additional details, or call 236-2222.

- N. I declare that to the best of my knowledge and belief the statements and information provided above are correct and true. I understand that information in addition to that provided above may be needed in order to obtain a permit from the Department of Health Services (DHS) and that no work is to begin on this project until the permit is issued.

I understand that any changes in design, materials or equipment will void my permit to construct if prior approval is not obtained.

I understand that a permit to operate the underground storage tank system must be obtained from the Department within 60 days of putting the system into use. This is the responsibility of the tank owner. Conditions of the permit to operate include an acceptable tank monitoring and testing schedule, submittal of an annual report form, and regular inspection by the DHS.

I will notify the Department of Health Services at least two working days (48 hours) in advance to schedule each required inspection. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of San Diego.

Signature & Title: Kelly Quinn Vice President

Print Name Kelly Quinn

Telephone (619) 462-8812

Date 8/7/87

Main entrance Building

Office

Fill  
Dry break  
Vent

Phase II Vent  
Suction Line

Vent riser

Suction Pump

PUBLIC HEALTH SERVICES  
HAZARDOUS MATERIALS MANAGEMENT UNIT  
COUNTY OF SAN DIEGO, CALIFORNIA

PC# **NTD 810**  
Comment: **INSTALL PHASE II VENT**  
PLAN APPROVAL  
Approved by: **[Signature]**  
Date: **8/24/87**

"Any change in these plans may void this approval.  
This Stamp does not constitute or imply approval by  
other agencies."

CO710

EST. # 420208  
P.C. # 170810

pressure test - Existing Tank

# TANKS TO BE INSTALLED 1  
SITE NAME Cottonwood Golf Course PHONE 447-0012  
ADDRESS 3121 Willow Glen Dr, San Jose ZIP 95129  
CONTRACTOR Wetzel Services - Dave Goodwin PHONE 460-8812

YES  FIRE AGENCY  NO  
FIRE AGENCY PERMIT # \_\_\_\_\_  
JURISDICTION Not present  
PHONE \_\_\_\_\_

TANK SET (1st Inspection) By \_\_\_\_\_ Date \_\_\_\_\_

	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5
1. Tank ID #					
2. UL #					
3. Capacity (Gallons)					
4. Material to be Stored					
5. Type of Native Soil					
6. Depth of Excavation					
7. Anchoring (High Groundwater)					
8. Pressure Test (F.Glass @ 5pSIG) (Y/N)					
9. Back Fill Material					
10. Installation Matches Drawings? (Check Setbacks) (Y/N)					
11. Holiday Tested? (Plasteel) (Y/N)					
12. Pea Gravel Hand Tamped? (Y/N)					
13. Cathode Protection? (Y/N)					
14. Reinspection Required? (Y/N)					
15. Tank Set Approved? (Y/N)					

Lead Gas  
6,000 gal. tank

REMARKS:  
Note - Existing tank  
\* re-pipe of vapor line done.  
\* Contractor pressurized vapor line to 80 psi  
Note - The vapor line was capped and not connected to the tank - unable to check this connection.

PRESSURE TEST (2nd Inspection) By J. Misch Date 9-2-87

A. Product Bearing Lines @ 75pSIG (From/To)	<u>NA</u>				
B. Vent, Vapor Suction, Remote Fills, Gravity Lines @ 5pSIG (From/To)	<u>82/82</u>				
C. Primary System Tank & Pipes @ 5pSIG (From/To)	<u>NA</u>				
D. Secondary Containment @ 5pSIG (From/To)	<u>NA</u>				
E. Ball Float Valves on <u>vent</u> and <u>vapor</u> Return (Y/N)	<u>yes - vapor line at tank</u>				
F. Level Sensing Device Installed?	<u>NA</u>				
G. All Metal Piping Wrapped or Cathodically Protected? (Y/N)	<u>To be completed</u>				
H. Re-inspection Required? (Y/N)	<u>No</u>				
I. PRESSURE TEST APPROVED?	<u>yes</u>				

\* Complete all wrapping of metal piping.  
\* Line was scraped \*  
SITE SKETCH  
\* Note - One leak detected; repair done and repressurized/scraped

FINAL INSPECTION By \_\_\_\_\_ Date \_\_\_\_\_

I. Monitoring System Per Approved Plans? (Y/N)				
II. Lockable or Sealed Monitoring Port Cover? (Y/N)				
III. Monitoring System Test (Pass/Fail)				
IV. Acceptable Recordkeeping				
V. Reinspection Required?				
VI. FINAL INSPECTION APPROVED?				

\* Note - Product inside tank during testing

Dave Goodwin

SEE REVERSE FOR IMPORTANT INFORMATION

Dave Goodwin

COUNTY OF SAN DIEGO  
DEPARTMENT OF HEALTH SERVICES  
HAZARDOUS MATERIALS MANAGEMENT UNIT (HMMU)

UNDERGROUND STORAGE TANK INSTALLATIONS

- \* San Diego County Code requires permits be applied for any work done to underground tank(s) which store or have stored hazardous substances. Title 6, Division 8, Chapter 10, Section 68.1005.
- \* A permit to install underground storage tank(s) shall be obtained from the designated fire agency, before applying for a county hazardous materials permit. Installation guidelines are as follows:
  1. Permit, site drawings (to scale) and this job card MUST BE ON SITE AT ALL TIMES for the duration of tank work.
  2. After securing all necessary permits, CALL 236-2222, at least 48 HOURS IN ADVANCE, to schedule appropriate inspections as required. (Installer is responsible for notifying fire department, APCD, or any other agency inspecting installations.) To cancel scheduled inspections call no later than 8:30 a.m. of day of inspection.
  3. All required testing by HMMU shall be performed in the presence of hazardous materials staff.
  4. Maximum range of test pressure gauges shall not exceed 3 times the system's expected test pressure.
  5. Issuance of a permit to install new tanks at a site where unauthorized release mitigation is pending, does not imply that compliance with requirements of this department or any regulatory agency have been fulfilled.
  6. Site safety is the responsibility of site operator and installer.
  7. This job card is the property of HMMU and as such shall be surrendered to HMMU staff upon request.
  8. Failure to comply with any of the above or failure to install tanks in accordance with site drawing, application, fire code, building code, or County of San Diego HMMU policy may prevent approval of the work under inspection. In such cases, a reinspection notice shall be issued by HMMU staff and a reinspection fee shall be submitted. In addition there may be civil or criminal actions filed, as prescribed by Law.