

One Walnut Creek Center
100 Pringle Avenue, Suite 300
Walnut Creek, California 94596
Tel. 570 933-2900 Fax 570 933-4174

August 21, 1996

Mr. Scott Seery
Senior Hazardous Materials Specialist
Alameda County Environmental Protection Division
1131 Harbor Bay Parkway, Room 250^o
Alameda, CA 94502-6577

*Subject: Letter Report - Well Abandonment
San Antonio Pump Station, Sunol, California*

Dear Mr. Seery:

Camp Dresser & McKee, Inc. (CDM) presents this letter report to detail the abandonment of three monitoring wells at the San Antonio Pump Station (site) located at 5555 Calaveras Road in Sunol, California. The monitoring wells were abandoned at the request of Paul Mazza of the San Francisco Water Department (SFWD) following case closure. Alameda County Environmental Protection Division granted site closure per their letter to SFWD dated January 2, 1996.

On August 19, 1996, CDM directed HEW Drilling to abandon the three monitoring wells per Zone 7 - Alameda County Flood Control and Water Conservation District well destruction requirements (Permit Number 96055). The monitoring well casings were pressure grouted and removed to at least 2 feet below ground surface. After the seals were set, the holes were backfilled and compacted with base rock material and cold asphalt patch to match existing grade and condition. The location map of the three monitoring wells is attached for your review.

Please call Hoa Voscott or the undersigned if you have any questions about this letter or the project.

Very truly yours,

CAMP DRESSER & MCKEE INC.



Ben Swann, R.G.
Project Manager

Attached: Groundwater Monitoring Well Location Map

cc: Paul Mazza, SFWD
Darwin Helmuth, SPARC
Ron Krzyzanowski, BCM
Kevin Graves, RWQCB
Wyman Hong, Zone 7

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

ARNOLD PERKINS, DIRECTOR
RAFAT A. SHAHID, DEPUTY DIRECTOR

STID 2013

Alameda County CC4580
Environmental Protection Division
1131 Harbor Bay Parkway, Room 250
Alameda CA 94502-6577

January 2, 1996

Mr. Paul Mazza
City and County of San Francisco
Water Department
P.O. Box 730
Millbrae, CA 94030

RE: SAN ANTONIO PUMP STATION, 5555 CALAVERAS ROAD, SUNOL

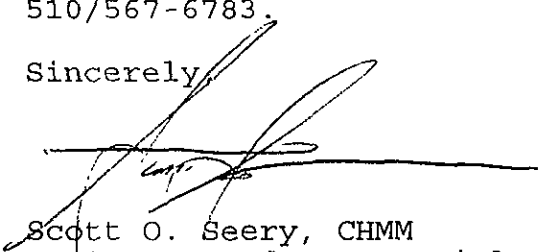
Dear Mr. Mazza:

The Alameda County Environmental Health Department, Environmental Protection Division, has received concurrence from the Regional Water Quality Control Board, San Francisco Bay Region (RWQCB), for case closure for the referenced San Francisco Water Department (SFWD) site.

Prior to the issuance of a "Remedial Action Completion Certificate" by this office, however, the monitoring wells at the site must be properly destroyed should SFWD have no further use for them. Well destruction is performed under permit issued by Zone 7 - Alameda County Flood Control and Water Conservation District.

Please advise me if the wells will be destroyed, and when well destruction has been completed, as appropriate. I may be reached 510/567-6783.

Sincerely,


Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Jun Makishima, Acting Agency Director
Kevin Graves, RWQCB
Craig Mayfield, Zone 7
Robert Weston, ACDEH



ALCO
HAZMAT

94 AUG 19 PM 3:51

August 12, 1994

Scott Seery
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

Subject: : Notification

Dear Mr. Seery:

Thank you for your recent notification that the San Francisco Water Department (SFWD) had not completed a required ground water sampling program at our Sunol Maintenance Yard. Now that we have been reminded of this oversight, we will expedite completion of the program. SFWD, or its consultants, will be contacting you about how to best proceed in this matter.

There was some confusion at SFWD following receipt of a copy of your May 27, 1994 letter. Also, unfortunately, there was some communication difficulty between San Francisco departments. In the future, when the Alameda Department of Environmental Health writes to anybody with reference to SFWD property, I would appreciate a copy of your document. As Environmental Manager for SFWD, it is my responsibility to address problems such as you raised in your letter. If I am copied, I will know there is a concern and I can assure that your requests are directed to the appropriate personnel.

In addition, should you wish to discuss such matters prior to writing a letter, I would appreciate a call at 415-871-2027.

Thank you for your cooperation.

Sincerely,

A handwritten signature in cursive script, appearing to read "Robert B. Hickman".

Robert B. Hickman, Manager
Environmental & Regulatory Affairs

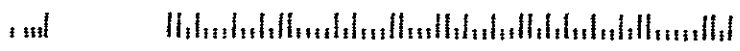
cc. : Ravi Arulanantham John Mullane Cheryl Davis Leo Bauer Paul Mazza
FILE

ach89 [HICKMAN 5.5]

Public Utilities Commission
SAN FRANCISCO WATER DEPARTMENT
Water Supply & Treatment Division
Operations Engineering
P. O. Box 730
Millbrae, CA 94030
Bob Hickman



Scott Seery
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621





MEMORANDUM

Date: July 15, 1994
To: Scott Seery - Ala. Co. Dept of Environmental Health
From: Paul Mazza - SFWD *PM*
Subject: San Antonio Pump Station - Final Groundwater Report

Attached is the fourth and final, Report of Groundwater Monitoring, for the San Antonio Pump Station. Having hand delivered two copies of the Sept. 1993 report, mentioned in your June 1, 1994 memo, and recognizing, as that memo stated 'future analyses for halocarbons are not required at this time', this report should bring us to closure at this site. If this is not the case, I would greatly appreciate your assistance in helping us achieve that closure.

Please call me at ~~540~~872-5937 should you have any questions.

415

cc: WTsay - SFWD
LFong - "
BHickman "
RKrzyzanowski - CCSF DPW
JRoddy - City Attorney's Office

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

STID 2013

June 1, 1994

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

Mr. Paul Mazza
San Francisco Water Department
2901 Crystal Springs Road
San Bruno, CA 94066

RE: SAN ANTONIO PUMP STATION, 5555 CALAVERAS ROAD, SUNOL

Dear Mr. Mazza:

I have completed review of the January 1994 Camp, Dresser & McKee, Inc. (CDM) document entitled, *Report of Groundwater Monitoring, Third Quarter, San Antonio Pump Station*. During review of this report, I became aware that the requested sampling, reporting, and monitoring schedules, as outlined in the March 12, 1992 correspondence from this office addressed to Mr. John Hetzner, have not been followed. A copy of this letter is attached for your reference.

To summarize the content of the cited March 1992 correspondence, the San Francisco Water Department (SFWD) was requested to measure ground water levels **monthly** for the first 12 consecutive months, followed by a quarterly schedule thereafter. Ground water samples were to be collected and analyzed **quarterly**. Reports documenting the results of work occurring during each quarter were to be submitted on a **quarterly** schedule.

Based on the data submitted to date, the wells at the referenced site were sampled initially during June 1992, again during June 1993, and most recently during January 1994. These events have been documented in three reports presented to date. Reference is made in the January 1994 CDM report, however, that the wells were additionally sampled during September 1993. We have not received the report documenting this event, should it have occurred.

Lastly, review of the laboratory reports attached to the January 1994 CDM report indicate the detection limits for TPH-diesel, TPH-gasoline, and BTEX are from one to two orders-of-magnitude higher than what is acceptable. Reported detection limits for halocarbons, as presented in this same report, are also up to an order-of-magnitude higher than in past laboratory analyses. Although the need for future halocarbon analyses is debatable, and, hence, this point mute, future TPH-D, -G and BTEX analyses must reflect acceptable method detection limits.

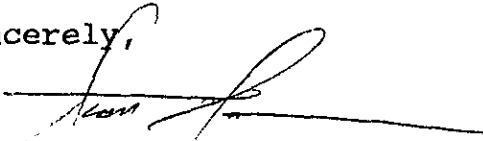
Mr. Paul Mazza
RE: San Antonio Pump Station, 5555 Calaveras Road, Sunol
June 1, 1994
Page 2 of 2

I am aware that there have been a number of personnel changes at the SFWD over the last year or so. I also realize that you have been rigorously working to bring your Alameda County sites into compliance. The issues discussed in this letter may be the last needing your attention and fine tuning at this site.

At this time please begin adhering to the requested sampling, monitoring and reporting schedules, and acceptable method detection limits for the noted target compounds. These schedules should be implemented beginning no later than the 3rd quarter of 1994. Additionally, future analyses for halocarbons are not required at this time.

Please call me at 510/271-4530 should you have any questions.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

attachment

cc: Rafat A. Shahid, Assistant Agency Director
Gil Jensen, Alameda County District Attorney's Office
Kevin Graves, RWQCB
Ed Laudani, Alameda County Fire Department



June 11, 1993

Alameda County Health Agency
Division of Hazardous Materials
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621
Attn: Scott Seery

5555 Calaveras Rd.
Sunol

SUBJECT : SOIL AND GROUND WATER REPORT

Dear Mr. Seery:

Enclosed please find an original copy of the Environmental Bio-systems Inc. report on Soil Excavation and Ground Water Exploration for the San Antonio Pump Station in Sunol. It can replace the xerox copy that Paul Mazza provided you. We regret this report was not provided to you in a timely fashion.

Since learning that we did not conduct the required ground water monitoring, we have located and forwarded this report to you and to the Regional Board. We have also retained a contractor who will provide third-party ground water monitoring services over the next year. Prior to any work, we and our contractor will contact you to assure that our information gathering is consistent with your requirements.

Should you have any concerns, or should you wish to visit the site, please give me a call.

Sincerely,

A handwritten signature in cursive script, appearing to read "Robert H. Hickman".

Robert H. Hickman
Manager of Environmental and Regulatory Affairs

cc. John Mullane
Gilbert Jensen
Richard Brandt
John Roddy
Tim Babcock
Ron Krzyzanowski
F I L E

SAPS67/p.2

6-11-93

To : Mr. Scott Seery

This letter was supposed to be mailed together w/ a binder entitled "SOIL AND GROUND WATER REPORT" for San Antonio Pump Station, however, our clerical person mailed out the binder & forgot this letter so I am sending it to you separately from Mr. Bob Hickman!

FROM: Mario Sual
SFWD - Millbrae

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

STID 2013

February 11, 1993

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

Mr. John Hetzner
Public Utilities Commission,
City and County of San Francisco
P.O. Box 730
1000 El Camino Real
Millbrae, CA 94030

RE: SAN ANTONIO PUMP STATION, 5555 CALAVERAS ROAD, SUNOL

Dear Mr. Hetzner:

The Department has not received the report documenting the results of the soil and water investigation at this site. This work was proposed in an Environmental Bio-Systems, Inc. (EBS) work plan dated February 3, 1992. The cited EBS work plan was modified and approved in correspondence from the Department dated March 12, 1992. Nearly a year has passed since this approval was granted.

Please be reminded that the cited March 12, 1992 letter approving the scope of work at this site required that ground water elevations be measured monthly for the first 12 consecutive months, reduced to a quarterly frequency thereafter, and that ground water samples be collected quarterly. Reports were to be submitted quarterly until case closure.

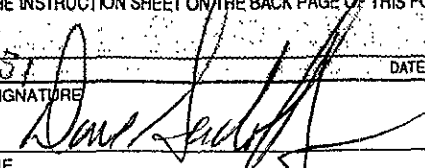
Please contact the undersigned at 510/271-4320 to discuss the status of the initial assessment outlined in the cited EBS work plan, and the results of the additional monitoring and sampling occurring subsequent to the initial phase of this investigation.

Sincerely,

Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director
Gil Jensen, Alameda County District Attorney's Office
Eddy So, RWQCB
Tim Babcock, Environmental Bio-Systems
Ed Howell - files

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

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> 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.		
REPORT DATE 08/11/92		CASE #		SIGNED _____ DATE _____		
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT DAVE SADOFF		PHONE (510) 429-9988		SIGNATURE 	
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME ENVIRONMENTAL BIO-SYSTEMS			
	ADDRESS 30028 IND. PKWY. S.W., SUITE C, HAYWARD, CA 94544					
RESPONSIBLE PARTY	NAME CITY + COUNTY OF SAN FRANCISCO		CONTACT PERSON PAM HOLLIS		PHONE 415 554 2792	
	ADDRESS 101 GROVE ST., SAN FRANCISCO, CA 94102					
SITE LOCATION	FACILITY NAME (IF APPLICABLE) SAN ANTONIO PUMP STATION		OPERATOR		PHONE (510) 862-2984	
	ADDRESS 5555 CALAVERAS ROAD, SUNOL, ALAMEDA 94586					
	CROSS STREET					
IMPLEMENTING AGENCIES	LOCAL AGENCY ALAMEDA COUNTY HEALTH		AGENCY NAME		CONTACT PERSON SCOTT SEERY	
	REGIONAL BOARD SAN FRANCISCO BAY		CONTACT PERSON EDDY SO		PHONE (510) 464-1255	
SUBSTANCES INVOLVED	(1) NAME WASTE OIL				QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN	
	(2)				<input type="checkbox"/> UNKNOWN	
DISCOVERY/ABATEMENT	DATE DISCOVERED 11/21/91		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER			
	DATE DISCHARGE BEGAN UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER			
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE _____					
SOURCE/ CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER			
	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input checked="" type="checkbox"/> SOIL ONLY <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)					
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input checked="" type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY					
	CHECK APPROPRIATE ACTION(S) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> OTHER (OT)					
COMMENTS	_____					

owner: City + Co of SF water Dept
P.O. Box 730
1000 El Camino Real
Millbrae 94030

DATE: 7-15-92
TO : Local Oversight Program
FROM: Scott
SUBJ: Transfer of Eligible Oversight Case

~~John Retzner~~
John Retzner
PUC, CLSF
P.O. Box 730
1000 El Camino Real
Millbrae 94030

Site name: SFWD - San Antonio Pumping Station
Address: 5555 Calaveras Rd city San Jose zip 94586
Closure plan attached? Y N DepRef remaining \$ _____
DepRef Project # _____ STID #(if any) 2013
Number of Tanks: 3 removed? Y N Date of removal 11/7/91
Leak Report filed? Y N Date of Discovery 11/12/91 (leak report filed?)
Samples received? Y N Contamination: yes
Petroleum Y N Types: Avgas Jet leaded unleaded Diesel
fuel oil waste oil kerosene solvents
Monitoring wells on site 3 Monitoring schedule? Y N
LUFT category 1 2 3 * H S C A R W G O
Briefly describe the following:
Preliminary Assessment in progress
Remedial Action _____
Post Remedial Action Monitoring _____
Enforcement Action _____

SAN FRANCISCO BAY REGION WATER QUALITY CONTROL BOARD
1800 HARRISON STREET, SUITE 700
OAKLAND, CA 94612
(415) 464-1255

REGIONAL BOARD MEMBERS

Name	City of Residence	Appointment Category
Jeptha Wade, Chairman	Burlingame	Water Supply
Marion Otsea, Vice-Chair	San Francisco	Undesignated (Public)
Donald Anderson	Lafayette	Rec. Fish & Wildlife
Fred Klatte	San Francisco	Water Quality
Pamela Lloyd	Mill Valley	Water Quality
Kenneth Mercer	Pleasanton	Municipal Government
Janice Mondavi	St. Helena	Industrial Water Use
Dean Schenone	Pleasanton	Irrigated Agriculture
Peter Snyder	Dublin	County Government

REGIONAL BOARD STAFF

Steven R. Ritchie
Executive Officer

Lawrence P. Kolb
Assistant Executive Officer

Gary J. Grimm
Counsel to the Board

Rose S. Nonan
Executive Assistant

SURFACE WATER DIVISION

Teng-chung Wu, Chief
 Richard J. Condit, Section Leader
 Stephen A. Hill, Section Leader
 Anders G. Lundgren, S. Leader

LAND DISPOSAL DIVISION

Richard K. McMurtry, Chief
 Greg H. Walker, Section Leader
 Curtis T. Scott, Section Leader
 Shin-Roei Lee, Act. Sect. Leader

TOXICS CLEANUP DIVISION

Donald D. Dalke, Chief
 Lester Feldman, Section Leader
 Dennis A. Mishek, Section Leader
 Thomas J. Callaghan, S. Leader

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 Wilfried K. Bruhns, Section Leader
 Bruce H. Wolfe, Section Leader
 Mavis D. Kent, Section Leader

PLANNING DIVISION

Richard H. Whitsel, Chief
 Michael P. Carlin, Prog. Mgr.

ADMINISTRATIVE DIVISION

Vonnie J. Williams, Chief

GENERAL STATEMENT

The primary responsibility of the Regional Board is to protect the quality of the surface and groundwater within the Region for beneficial uses. The duty is carried out by formulating and adopting water quality plans for specific ground or surface water bodies; by prescribing and enforcing requirements on domestic and industrial waste dischargers, and by requiring cleanup of water contamination and pollution. Specific responsibilities and procedures of the Board are outlined in the Porter-Cologne Water Quality Control Act.

MEETINGS

Regular meetings of the Board are normally held on the third Wednesday of each month.

The purpose of the monthly meeting is to provide the Board with testimony and information from concerned and affected parties and make decisions after considering the evidence presented. A public forum is held at each regular meeting where any person may address the Board on any matter within the jurisdiction of the Board, but may not be related to any item on the agenda.

The Board welcomes information on pertinent problems, but comments at the meeting should be brief and directed to specifics of the case to enable the Board to take appropriate action. Whenever possible, lengthy testimony should be presented to the Board in writing and only a summary of pertinent points presented verbally. Time limitations on presentations may be imposed by the Board. Written material should be submitted no later than the Monday nine days prior to the Board meeting.

RECORDS OF MEETINGS

Tape recordings are made of each Board meeting and these tapes are retained in the Board's office for two years. Anyone desiring copies of these tapes may, at their own expense, arrange to have duplicate tapes made by contacting the Board at (415) 464-1255.

**STATE
COMPENSATION
INSURANCE
FUND**

P.O. BOX 807, SAN FRANCISCO, CA 94101-0807

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

April 14, 1992

POLICY NUMBER: 571/91/6142
CERTIFICATE EXPIRES: 10-01-92

Alameda County Health Dept
Attn Div of Hazardous Materials
80 Swan Wy Rm 299
Oakland, Ca 94621

JOB: San Antonio Pump Station

This is to certify that we have issued a valid Workers' Compensation Insurance policy in a form approved by the California Insurance Commissioner to the employer named below for the policy period indicated.

This policy is not subject to cancellation by the Fund except upon ³⁰~~15~~ days' advance written notice to the employer.

We will also give you ³⁰~~15~~ days' advance notice should this policy be cancelled prior to its normal expiration.

This certificate of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term, or condition of any contract or other document with respect to which this certificate of insurance may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.


PRESIDENT

ENDORSEMENT #2065 ENTITLED CERTIFICATE HOLDERS' NOTICE.
EFFECTIVE 10-01-91 IS ATTACHED TO AND FORMS A PART OF THIS POLICY.

EMPLOYER

Power Engineering Contractors Inc
1275 N San Antonio Rd
Palo Alto, Ca 94303

**STATE
COMPENSATION
INSURANCE
FUND**

**SAN JOSE DISTRICT OFFICE
FACSIMILE COVER SHEET**

THIS TRANSMISSION IS FROM A RICOH FX 60 FACSIMILE UNIT, COMPATIBLE WITH GROUPS II AND III TERMINALS. THIS UNIT IS OPERATIONAL 24 HOURS DAILY.

STATE FUND TELEFAX POLICY NUMBER IS : (408) 286-2009 or
(408) 282-8816

DELIVER TO:

NAME: SCOTT SEERY

COMPANY: ALAMEDA CO

DATE: 4/14

TELEFAX NUMBER: 510-509-4757

AREA CODE

FROM:

NAME: STATE FUND

DEPARTMENT: CERTIFICATE DEPARTMENT

PHONE: (408) 282-8740

AREA CODE

MESSAGE: ORIGINAL IS IN THE MAIL!

THE TOTAL NUMBER OF PAGES, INCLUDING THIS COVER SHEET, ARE 2

SHOULD ANY TRANSMISSION PROBLEMS OCCUR, PLEASE CALL :
(408) 282-8712 OR (408) 282-8737

DATE/TIME RECEIVED _____

DATE/TIME SENT _____

Debra A. Rumba

AUTHORIZED SIGNATURE

120 WEST MISSION STREET - SAN JOSE, CA 95110-1716

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

March 12, 1992

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

Mr. John Hetzner
Public Utilities Commission,
City and County of San Francisco
P.O. Box 730
1000 El Camino Real
Millbrae, CA 94030

RE: SAN ANTONIO PUMP STATION, 5555 CALAVERAS ROAD, SUNOL

Dear Mr. Hetzner:

The Department is in receipt and has completed review of the following Environmental Bio-Systems, Inc. (EBS) reports: the January 10, 1992 Soil Sampling Report, submitted under San Francisco Public Utilities Commission (PUC) cover dated January 17, 1992; and, the February 3, 1992 Work Plan #WP92001. The cited January 10 EBS report documents activities associated with the November 1991 closure of three (3) underground storage tanks (UST) from the referenced facility. Such activities included a limited environmental investigation conducted at the site following the discovery of an unauthorized release upon closure of a 500-gallon waste oil UST previously located adjacent to the west exterior wall of the pump building. The cited EBS work plan describes proposed tasks designed to mitigate the impact the release had to native soils, and to investigate the presence and extent of any ground water contamination.

The cited work plan has been accepted with the following modifications:

EXCAVATION

- 1) Confirmatory sample locations should be based not only the anticipated depth of contaminants, but also on any other visual, olfactory, or field screening indicators;
- 2) Soil samples collected for the purpose of classification prior to disposal should be based on the target disposal facility's own requirements;
- 3) Soil planned for reuse must be sampled according to current RWQCB requirements (i.e., one discrete sample for every 20 yards³);

Mr. John Hetzner
RE: 5555 Calaveras Blvd., Sunol
March 12, 1992
Page 2 of 2

BORINGS / WELLS

- 1) Soil samples are to be collected at 5-foot intervals and any significant changes in lithology noted as the borings are advanced. Those collected from MW-1 and -3 may be screened in the field or lab, but at least two (2) samples from each are to be analyzed, one of which shall be that collected from the capillary fringe. Because MW-2 will be advanced through fill introduced to the site following excavation, at least one sample should be collected from the capillary fringe if the excavation did not extend to this depth;
- 2) Before purging and sampling, subjective determination of the presence of sheen or free product should be made, in addition to measuring the depth to ground water. All ground water measurements are to be converted to elevations above mean sea level (MSL);
- 3) Soil and water samples are to be analyzed for TPH-G/D, BTEX, TOG (Series 5520 method), semivolatile organic compounds (method 8270), and at least one round of volatile organic compounds (methods 8010/8020, or, 8240);
- 4) Ground water elevations are to be measured **monthly** for 12 consecutive months, and then quarterly thereafter. Ground water samples are to be collected **quarterly** at this time.

Summary reports shall be submitted **quarterly** until this site is eligible for final "sign off" by the RWQCB. Such reports are due the first day of the second month of each subsequent quarter (i.e., May 1, August 1, November 1, and February 1). Hence, the next report is due for submittal May 1, 1992 and shall document the results of work conducted during the first quarter of 1992.

Please call me at 510/271-4320 should you have any questions.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director, Environmental Health
Gil Jensen, Alameda County District Attorney's Office
Eddie So, RWQCB
Howard Hatayama, DTSC
Tim Babcock, Environmental Bio-Systems, Inc.

**PUBLIC UTILITIES COMMISSION
CITY AND COUNTY OF SAN FRANCISCO**



SHERRI CHIESA
PRESIDENT

FRANK M. JORDAN, MAYOR

GORDON CHIN
VICE PRESIDENT

THOMAS J. ELZEY, GENERAL MANAGER

JAMES D. JEFFERSON

UTILITIES ENGINEERING BUREAU
RICHARD E. BRANDT, MANAGER
RECEIVED FEB 23 PM 2:37

VICTOR G. MAKRAS

NANCY G. WALKER

MUNICIPAL RAILWAY
WATER DEPARTMENT
HETCH HETCHY
WATER AND POWER

February 20, 1992

Alameda County Health Agency
Division of Hazardous Materials
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94621

Attn: Ariu Levy

Dear Mr. Levy:

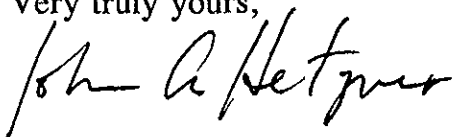
This letter is to confirm a conversation I had with Scott Seery of your office approximately two weeks ago. At that time we were unsure when Mr. Seery would be able to review and approve the Soil Sampling Report and subsequent Work Plan associated with identifying and removal of contaminated soil discovered during construction at our San Antonio Pump Station, 5555 Calaveras Rd., Sunol, CA.

Mr. Seery and I discussed the possibility of beginning work on the excavation and sampling of the contaminated soil prior to approval of the work plan. At that time, Mr. Seery agreed that as long as we confined our work to those items that were clearly required by the discovery of contaminated soil (again primarily excavation and sampling), it was unlikely that the County would find fault with our activities. It is understood that any activities we start prior to your approval of a work plan are at our risk, but since start of the work may be required to meet scheduled contract completion dates, we are willing to assume that risk.

Alameda County Health Agency
February 20, 1992
Page 2

Please confirm that my understanding of my conversation with Mr. Seery is reasonable and if any obvious precautions are required, please let me know. Please also understand that I am not attempting to circumvent Mr. Seery by writing directly to you. It is my understanding that Mr. Seery has left or will soon leave your office and since I do not know his replacement, I was forced to address this letter to you.

Very truly yours,



John A. Hetzner
Resident Engineer

JAH/sra

cc: D Eng T Babcock
R Beltramo
WD-2062 File

2/24/92

Comments from S. Seery:

Mr. Hetzner was concerned that the SFWD was required to wait for their closure report to be reviewed before they could initiate any additional soil cleanup measures. The closure report documents some limited soil investigation work performed by EBS as a consequence of an unauthorized ~~and~~ release noted following removal of three (3) USTs from this site. I explained to Mr. Hetzner and Mr. Babcock both that a PSA workplan will be required to be submitted in the near future to address the investigation of the site, but that SFWs should feel free at this time to pursue cleanup to every extent they feel appropriate at this time. Such prudence would only be looked upon favorably, and would not be considered "incorrect", even if their approach was later modified by the ACDEH.

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

II, III

Site ID # _____ Site Name SFWD - San Antonio Pump Today's Date 11/2/91

Site Address 5555 Calaveras Rd

City Sanol Zip 945 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments: 11:00 - 2:00

On-site to witness closure of 3 USTs; 2 diesel and 1 waste oil. William Penny (AICo PW) representing Mike Hood, Acting OICo Fire Marshall; Tim Babcock of Environmental Bio-Systems were on-site. Upon arrival, I was informed, and subsequently observed, that the fuel USTs are encased in concrete to about 1/2 of their diameters. Workers were busy jackhammering the concrete as I arrived. I was also informed that the concrete is ~ 12" thick beneath the USTs. Depending upon what is observed upon their removal will determine whether sidewall samples are appropriate, or whether the concrete will require breaking and samples collected in native material beneath.

2:00 East fuel tank checked for inertness (LEL% = 0.0; O₂ = 13.8). This tank is heavily tar coated, and in apparent good condition.

2:15 West fuel tank checked: (LEL% = 0.0; O₂ = 5.2). Tank is in same condition as east tank.

2:40 Waste oil tank pulled. This tank is also heavily tar coated and in apparent excellent shape.

- II.A BUSINESS PLANS (Title 19)
- ___ 1. Immediate Reporting 2703
 - ___ 2. Bus. Plan Sids. 25503(b)
 - ___ 3. R/R Cars > 30 days 25503.7
 - ___ 4. Inventory Information 25504(a)
 - ___ 5. Inventory Complete 2730
 - ___ 6. Emergency Response 25504(b)
 - ___ 7. Training 25504(c)
 - ___ 8. Deficiency 25505(a)
 - ___ 9. Modification 25505(b)

- II.B ACUTELY HAZ. MATLS
- ___ 10. Registration Form Filed 25533(a)
 - ___ 11. Form Complete 25533(b)
 - ___ 12. RMPP Contents 25534(c)
 - ___ 13. Implement Sch. Req'd? (Y/N)
 - ___ 14. OffSite Conseq. Assess. 25524(c)
 - ___ 15. Probable Risk Assessment 25534(d)
 - ___ 16. Persons Responsible 25534(g)
 - ___ 17. Certification 25534(f)
 - ___ 18. Exemption Request? (Y/N) 25536(b)
 - ___ 19. Trade Secret Requested? 25538

- III. UNDERGROUND TANKS (Title 23)
- General
- ___ 1. Permit Application 25284 (H&S)
 - ___ 2. Pipeline Leak Detection 25292 (H&S)
 - ___ 3. Records Maintenance 2712
 - ___ 4. Release Report 2651
 - ___ 5. Closure Plans 2670

- Monitoring for Existing Tanks
- ___ 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose
 - Semi-annual groundwater
 - One time soils
 - 3) Daily Vadose
 - One time soils
 - Annual tank test
 - 4) Monthly Groundwater
 - One time soils
 - 5) Daily Inventory
 - Annual tank testing
 - Cont pipe leak det
 - Vadose/groundwater mon.
 - 6) Daily Inventory
 - Annual tank testing
 - Cont pipe leak det
 - 7) Weekly Tank Gauge
 - Annual tank testing
 - 8) Annual Tank Testing
 - Daily Inventory
 - 9) Other _____

- ___ 7. Precs Tank Test 2643
 - Date: _____
- ___ 8. Inventory Rec. 2644
- ___ 9. Soil Testing 2646
- ___ 10. Ground Water. 2647

- New Tanks
- ___ 11. Monitor Plan 2632
 - ___ 12. Access. Secure 2634
 - ___ 13. Plans Submittl 2711
 - Date: _____
 - ___ 14. As Built 2635
 - Date: _____

Rev 6/88

Contact: Bab Beltramo

Title: proj manager

Signature: [Signature]

Inspector: S. Seery

Signature: [Signature]

II, III

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Inspection Form

80 Swan Way, #2
Oakland, CA 94621
(415) 271-4320

II, III

Site ID # _____ Site Name SFPD - San Antonio Today's Date 11/2/91

Site Address 5555 Calaveras Rd

City Sunnyvale Zip 94 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

No samples were collected from around the fuel USTs for two reasons: 1) the USTs were in excellent shape; 2) the concrete in which the tanks were set formed, essentially, secondary "containment" for these single walk tanks. There was no indication that the tanks had leaked (ie, no staining of the concrete). Side wall samples were proposed, but these samples would have been a waste of resources.

This inspector was not able to witness sampling from waste oil pit. Tim Babcock (Env. Bio-Systems) will be providing an in-depth description and pictures of the sampling in the final closure report.

II.A BUSINESS PLANS (Title 19)

- 1. Immediate Reporting 25703
- 2. Bus. Plan Sids. 25503(b)
- 3. RR Cars > 30 days 25503.7
- 4. Inventory Information 25504(a)
- 5. Inventory Complete 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Deficiency 25505(a)
- 9. Modification 25505(b)

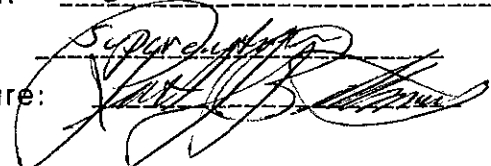
II.B ACUTELY HAZ. MATLS

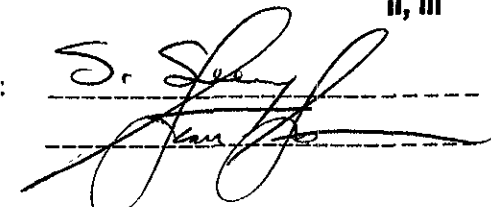
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- 15. Probable Rsk Assessment 25534(d)
- 16. Persons Responsible 25534(g)
- 17. Certification 25534(f)
- 18. Exemption Request? (Y/N) 25536(b)
- 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- | | |
|-------------------------------|---|
| General | <input type="checkbox"/> 1. Permit Application 25284 (H&S) |
| | <input type="checkbox"/> 2. Pipeline Leak Detection 25292 (H&S) |
| | <input type="checkbox"/> 3. Records Maintenance 2712 |
| | <input type="checkbox"/> 4. Release Report 2651 |
| | <input type="checkbox"/> 5. Closure Plans 2670 |
| Monitoring for Existing Tanks | <input type="checkbox"/> 6. Method |
| | 1) Monthly Test |
| | 2) Daily Vadose
Semi-annual gndwater
One time soils |
| | 3) Daily Vadose
One time soils
Annual tank test |
| | 4) Monthly Gndwater
One time soils |
| | 5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon. |
| | 6) Daily Inventory
Annual tank testing
Cont pipe leak det |
| | 7) Weekly Tank Gauge
Annual tank testing |
| | 8) Annual Tank Testing
Daily Inventory |
| | 9) Other _____ |
| | <input type="checkbox"/> 7. Precs Tank Test 2643 |
| | Date: _____ |
| | <input type="checkbox"/> 8. Inventory Rec. 2644 |
| | <input type="checkbox"/> 9. Soil Testing 2646 |
| | <input type="checkbox"/> 10. Ground Water. 2647 |
| New Tanks | <input type="checkbox"/> 11. Monitor Plan 2632 |
| | <input type="checkbox"/> 12. Access. Secure 2634 |
| | <input type="checkbox"/> 13. Plans Subml
Date: _____ 2711 |
| | <input type="checkbox"/> 14. As Built 2635
Date: _____ |

Rev 6/88

Contact: Bob Beltramo
 Title: _____
 Signature: 

Inspector: _____
 Signature: 

II, III

Project Specialist (print) Scott Seery

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, ROOM 209 | OCT 31 11:58
OAKLAND, CA 94621
PHONE NO. 415/271-4320

SDS
10-31-91
ACCEPTED

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION

There is a... found to be...
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... by...
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... for...
... of...
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... involved with...
... and specifications...
... to the Fire and...
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... of...
... at least 48 hours prior to its...
...
... of Tank and Piping...
...
... is dependent on...
... and all applicable laws and...
...
... FOR NOT...
... PROFESSIONS.

11-7-91

UNDERGROUND TANK CLOSURE PLAN

*** * * Complete according to attached instructions * * ***

1. Business Name San Francisco Water Department San Antonio Pumping
Business Owner City of San Francisco
 2. Site Address 3 miles south on Calaveras Rd from Sunol -5555 Calaveras
City Sunol Zip 94586 Phone _____
 3. Mailing Address Attn: John Hetzner, P.O. Box 730, 1000 El Camino Real
City Millbrae Zip 94030 Phone 415-872-5992
 4. Land Owner City of San Francisco
Address City Hall City, State S.F., CA Zip _____
 5. Generator name under which tank will be manifested _____
City of San Francisco, CA
- EPA I.D. No. under which tank will be manifested CAC 000608736

6. Contractor Power Engineering Contractors
Address 1275 N. San Antonio Road
City Palo Alto, CA Phone 415-969-9696
License Type A & B ID# 488215

7. Consultant Environmental Bio-Systems, Inc.
Address 30028 Industrial Parkway, SW Suite C
City Hayward, CA 94544 Phone (510) 429-9988

8. Contact Person for Investigation
Name John Hetzner Title Project Engineer
Phone 415-872-5992

9. Number of tanks being closed under this plan 3
Length of piping being removed under this plan PIPING TO BE
Total number of tanks at facility 3 REMOVED WHERE
POSSIBLE

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

**** Underground tanks are hazardous waste and must be handled **
as hazardous waste**

a) Product/Residual Sludge/Rinsate Transporter

Name H & H Ship Services EPA I.D. No. CAD 004771168
Hauler License No. 0334 License Exp. Date 1-31-92
Address 220 China Basin Street
City San Francisco State CA Zip 94107

b) Product/Residual Sludge/Rinsate Disposal Site

Name H & H Services EPA I.D. No. CAD 004771168
Address 220 China Basin Street
City San Francisco State CA Zip 94107

c) Tank and Piping Transporter

Name H & H Ship Services EPA I.D. No. CAD 004771168
Hauler License No. 0334 License Exp. Date 1-31-92
Address 220 China Basin Street
City San Francisco State CA Zip 94107

d) Tank and Piping Disposal Site

Name H & H Ship Services EPA I.D. No. CAD 004771168
Address 220 China Basin Street
City San Francisco State CA Zip 94107

11. Experienced Sample Collector

Name Timothy M. Babcock Environmental Scientist
Company Environmental Bio-Systems, Inc.
Address 30028 Industrial Parkway S.W. Suite C
City Hayward State CA Zip 94554 Phone (510) 429-9988

12. Laboratory

Name Anametrix, Inc.
Address 1961 Concourse Drive Suite E
City San Jose State CA Zip 95131
State Certification No. 151

13. Have tanks or pipes leaked in the past? Yes [] No [X]

If yes, describe. _____

14. Describe methods to be used for rendering tank inert

15 pounds Dry Ice per 1000 gallons, or per local fire department requirements

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be plugged.

The Bay Area Air Quality Management District (771-6000), along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of explosion proof combustible gas meters to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas meter on site to verify tank inertness.

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
9680 9680 500	Install year 67 Install year 67 Install year 67	Soil and ground-water if present	Within 2 feet of backfill/native soil interface. one (1) soil sample for each 20' of piping.

One soil sample must be collected for every 20 feet of piping that is removed. A ground water sample must be collected should any ground water be present in the excavation.

Alameda County Health Care Health Services
Division Of Hazardous Material
80 Swan Way Room #200
Oakland, Calif. 94621

RE: EXCAVATED/STOCKPILED SOIL (sampling plan)

- 1) Sample at both ends of the two 9000 gal tanks
- 2) Diesel tanks will be sampled for TPH & BTEX
- 3) Collect one sample from the one 550 gal waste oil tank
- 4) Waste oil tank will be sampled for the following
 - a) TPH-gas, TPH-diesel,
 - b) T.O.G. by EPA method 5520EF
 - c) EPA method 8240
 - d) EPA method 8270
 - e) Following metals Cd, Cr, Pb, Zn, Ni
- 5) Any excavated soil to be used for backfill from the excavation of the diesel tanks will be sampled every 20 yds per county code
- 6) The soil from the bottom of the diesel tanks will be kept separate from the other soil
- 7) All soil removed from the waste oil tank will be disposed at a waste disposal site after all testing is complete & accepted for disposal.

18. Submit Worker's Compensation Certificate copy

Name of Insurer State Fund (San Jose Office)

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)

22. Submit a closure report to this office within 60 days of the tank removal. This report must contain all the information listed in item 22 of the instructions.

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 an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. 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 Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

Signature of Contractor Power Engineering Contractors, Inc.

Name (please type) Danny Reynolds

Signature 

Date 10/11/91

Signature of Site Owner or Operator San Francisco Water Dept.

Name (please type) John Hetzner

Signature 

Date 10-16-91



Building Quality



**HAZARDOUS SUBSTANCES REMOVAL AND REMEDIAL
ACTIONS CERTIFICATION**

Pursuant to the provisions of Section 7058.7 of the Business and Professions Code, the Registrar of Contractors does hereby certify that the following qualifying person has successfully completed the hazardous substances removal and remedial actions examination.



Qualifier: **WILLIAM BRITTON STITT**
License No.: **488215**
Namestyle: **POWER ENGINEERING CONTRACTORS INC.**

WITNESS my hand and official seal this
22nd day of **MARCH, 1989**

David R. Phillips
Registrar of Contractors

13L-36 (7/88)

This certification is the property of the Registrar of Contractors, is not transferable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason


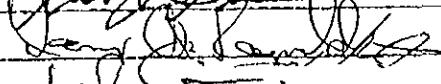
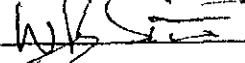
A3047

PERSONNEL INVOLVED

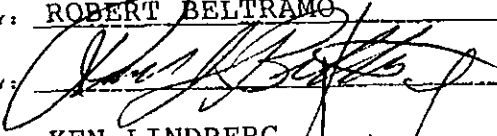
SITE SUPERVISOR: ROBERT BELTRAMO


SITE SAFETY COORDINATOR: WILLIAM B STITT

I HAVE READ AND UNDERSTAND THE SITE SAFETY PLAN:

NAME	SIGNATURE	DATE
ROBERT BELTRAMO		10-14-91
DANNY REYNOLDS		10-14-91
WILLIAM B STITT		10-14-91

PREPARED BY: ROBERT BELTRAMO DATE 10/14/91

REVIEWED BY:  DATE _____

APPROVED BY: KEN LINDBERG  DATE 10/14/91

NAME, ADDRESS AND TELEPHONE
 OF INSURANCE AGENCY
 SEDGWICK JAMES OF CA, INC
 600 Montgomery Street
 San Francisco, CA 94111
 (415) 983-5600

CONTRACT NUMBER AND JOB TITLE
 SAN ANTONIO PUMP STATION
 IMPROVEMENTS

NAME AND ADDRESS OF INSURED
 POWER ENGINEERING CONTRACTORS
 1275 N. San Antonio Road
 Palo Alto, CA 94303

NAME OF CERTIFICATE HOLDER
 Utilities Engineering Bureau
 1155 Market Street
 San Francisco, CA 94103

Attn: Mr. Ron Ciravolo

This is to certify that: The policies of insurance listed below have been issued to the insured named above and are in force at this time. These policies name the City and County of San Francisco, its Public Utilities Commission and each member thereof, and each of its officers, agents and employees, as additional insureds. These policies also include cross liability coverage.

SEE ATTACHED

TYPE OF INSURANCE	ISSUING COMPANY AND POLICY NUMBER	POLICY EXPIRATION DATE	LIMITS OF LIABILITY BY THOUSANDS (000)	
			EACH OCCURRENCE	AGGREGATE
GENERAL LIABILITY <input checked="" type="checkbox"/> Comprehensive Form <input checked="" type="checkbox"/> Premises - Operations <input checked="" type="checkbox"/> Explosion and Collapse Hazard <input checked="" type="checkbox"/> Underground Hazard <input checked="" type="checkbox"/> Products completed Operations Hazard <input checked="" type="checkbox"/> Contractual Insurance <input checked="" type="checkbox"/> Broad Form Property Damage <input checked="" type="checkbox"/> Independent Contractors <input checked="" type="checkbox"/> Personal Injury <input type="checkbox"/> Other	Lloyds & London Institute Cos. PWT/D/2708	3/17/92	BODILY INJURY \$ PROPERTY DAMAGE \$ BODILY INJURY AND PROPERTY DAMAGE COMBINED \$ 1,000,	\$ \$ \$ 1,000,
AUTOMOBILE LIABILITY <input type="checkbox"/> Comprehensive Form <input checked="" type="checkbox"/> Owned <input checked="" type="checkbox"/> Hired <input checked="" type="checkbox"/> Non-Owned	Fireman's Fund Insurance Co. 295MXA80101200	3/17/92	BODILY INJURY (EACH PERSON) BODILY INJURY (EACH OCCURRENCE) PROPERTY DAMAGE BODILY INJURY AND PROPERTY DAMAGE COMBINED	\$ \$ \$ \$ 1,000,
EXCESS LIABILITY <input type="checkbox"/> Umbrella Form <input type="checkbox"/> Other than Umbrella Form			BODILY INJURY AND PROPERTY DAMAGE COMBINED	\$
WORKER'S COMPENSATION and EMPLOYER'S LIABILITY			STATUTORY (EACH ACCIDENT)	\$
OTHER				

NOTE: The Certificate Holder will be notified in writing at least 30 days before any policy lapses, is cancelled or is otherwise materially changed.

Date Issued April 24, 1991

Signature and Title of
 Authorized Representative
Linda Donley Account Assistant
 SEDGWICK JAMES OF CA, INC.

**STATE
COMPENSATION
INSURANCE
FUND**

P.O. BOX 807, SAN FRANCISCO, CA 94101-0807

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

APRIL 23, 1991

POLICY NUMBER: 0801978 - 91
CERTIFICATE EXPIRES: 6-1-92

CITY OF SAN FRANCISCO
ATTN DEAN GOFF/UTILITIES ENGINEERING BUREAU
1155 MARKET ST
SAN FRANCISCO CA 94103

JOB: CONTRACT #WD2062

This is to certify that we have issued a valid Workers' Compensation insurance policy in a form approved by the California Insurance Commissioner to the employer named below for the policy period indicated.

This policy is not subject to cancellation by the Fund except upon ³⁰~~ten~~ days' advance written notice to the employer.

We will also give you ³⁰~~TEN~~ days' advance notice should this policy be cancelled prior to its normal expiration.

This certificate of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term, or condition of any contract or other document with respect to which this certificate of insurance may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.

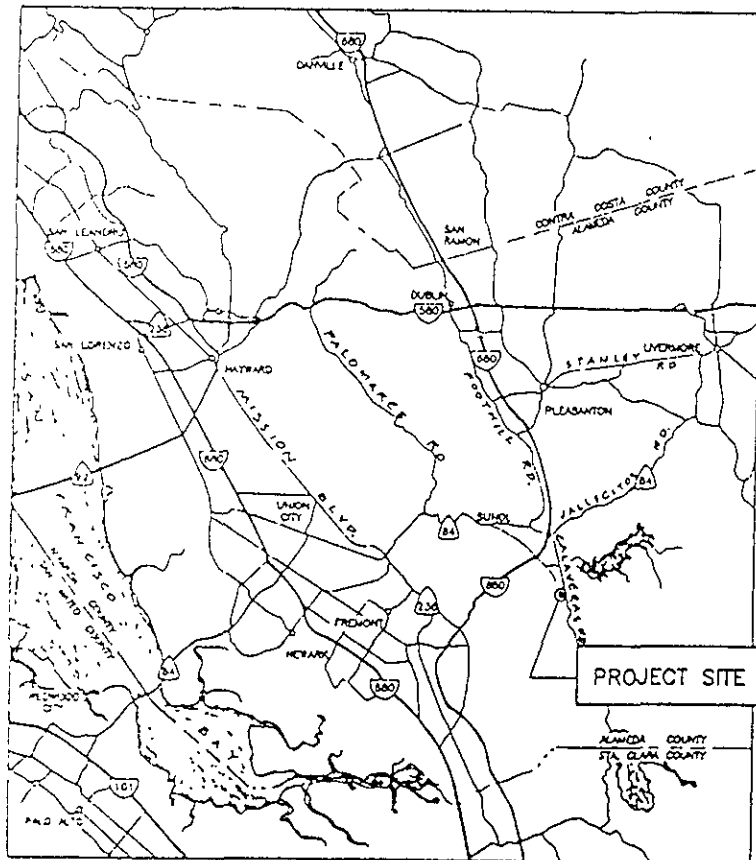

PRESIDENT

ENDORSEMENT #2065 ENTITLED CERTIFICATE HOLDERS' NOTICE EFFECTIVE 06/01/91 IS ATTACHED TO AND FORMS A PART OF THIS POLICY.

EMPLOYER

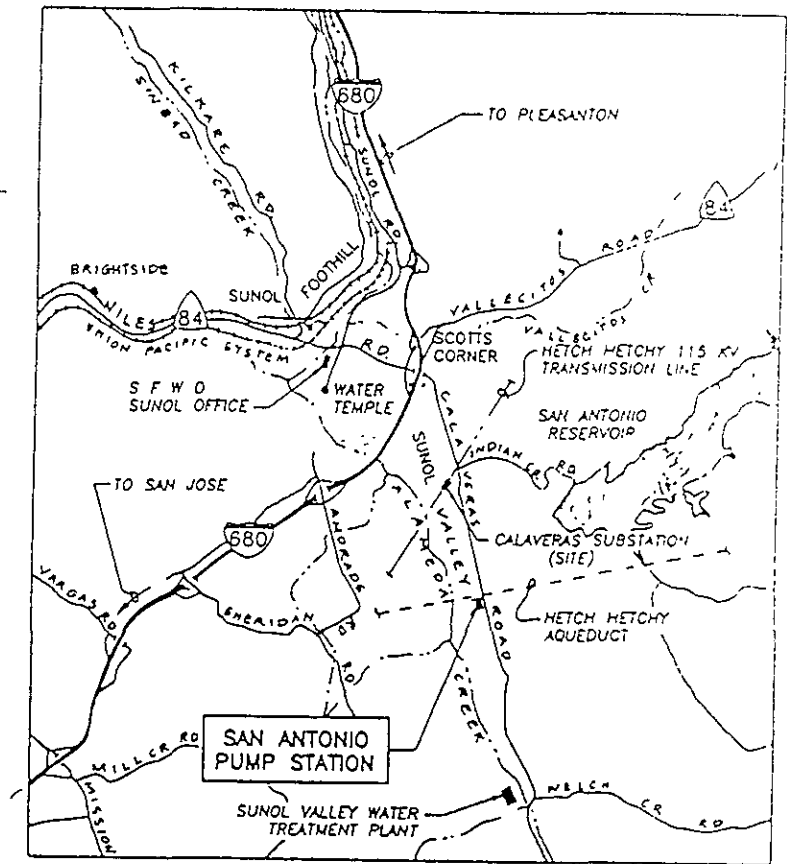
POWER ENGINEERING CONTRACTORS, INC.
1275 N SAN ANTONIO ROAD
PALO ALTO CA 94303

VICINITY MAP

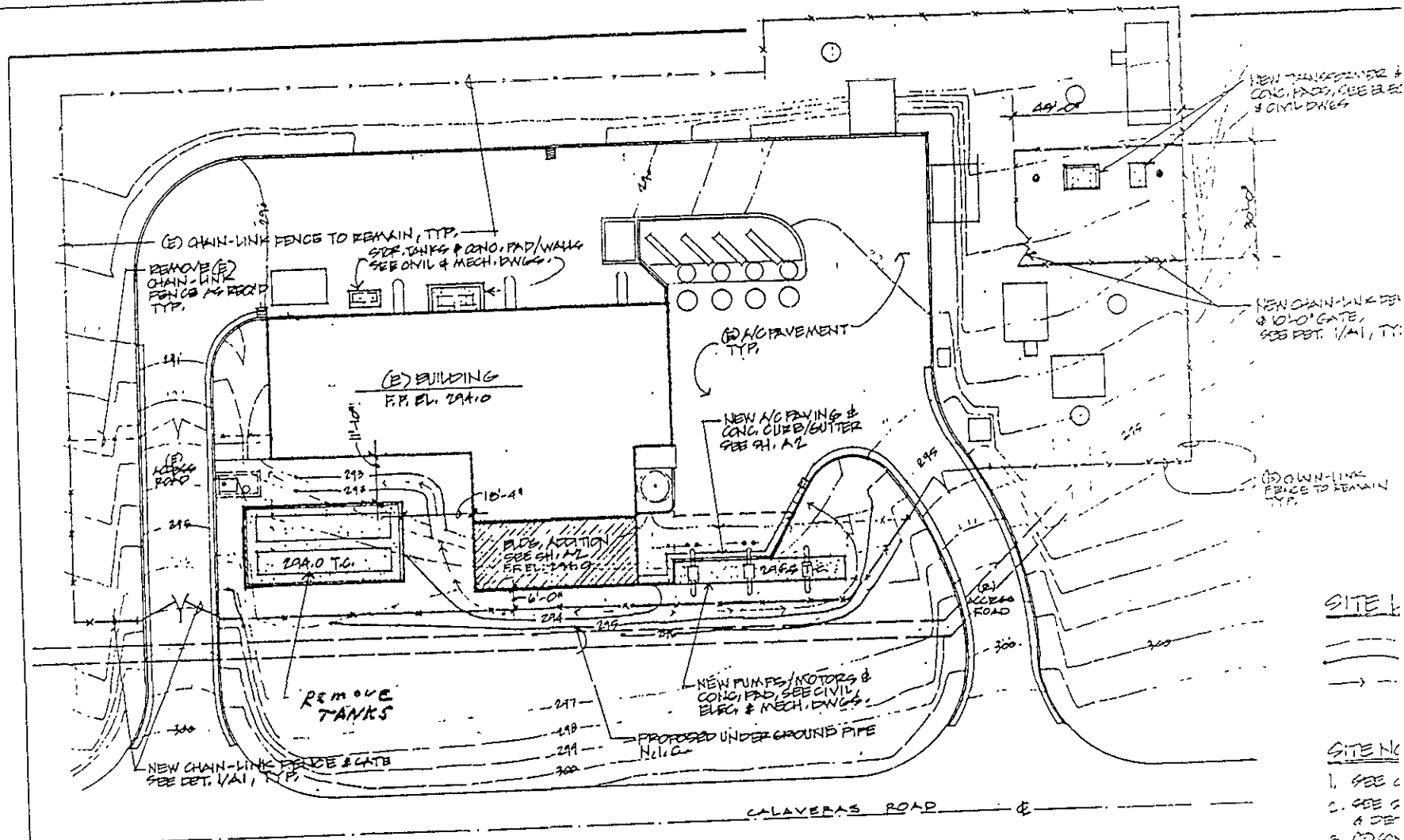


0 1 2 3 4 5 6 7 8 9 10 MILES
SCALE

LOCATION MAP



0 0.5 1 2 3 MILES
SCALE



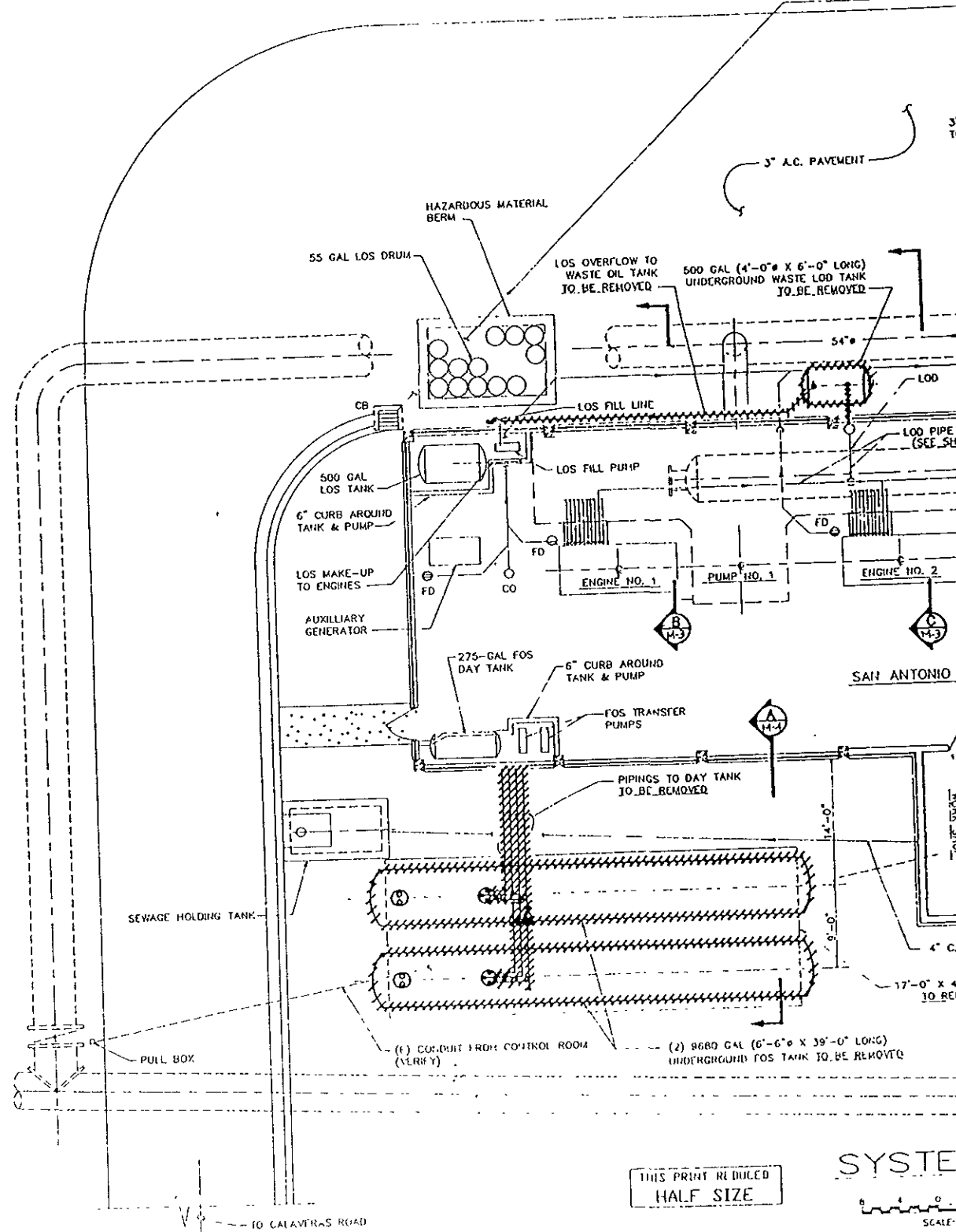
SITE & GRADING PLAN

1" = 20'-0"

- SITE 1**
-
- SITE 2**
1. SEE C
 2. SEE C & DE
 3. (E) ON ACTUAL
 4. (E) ON

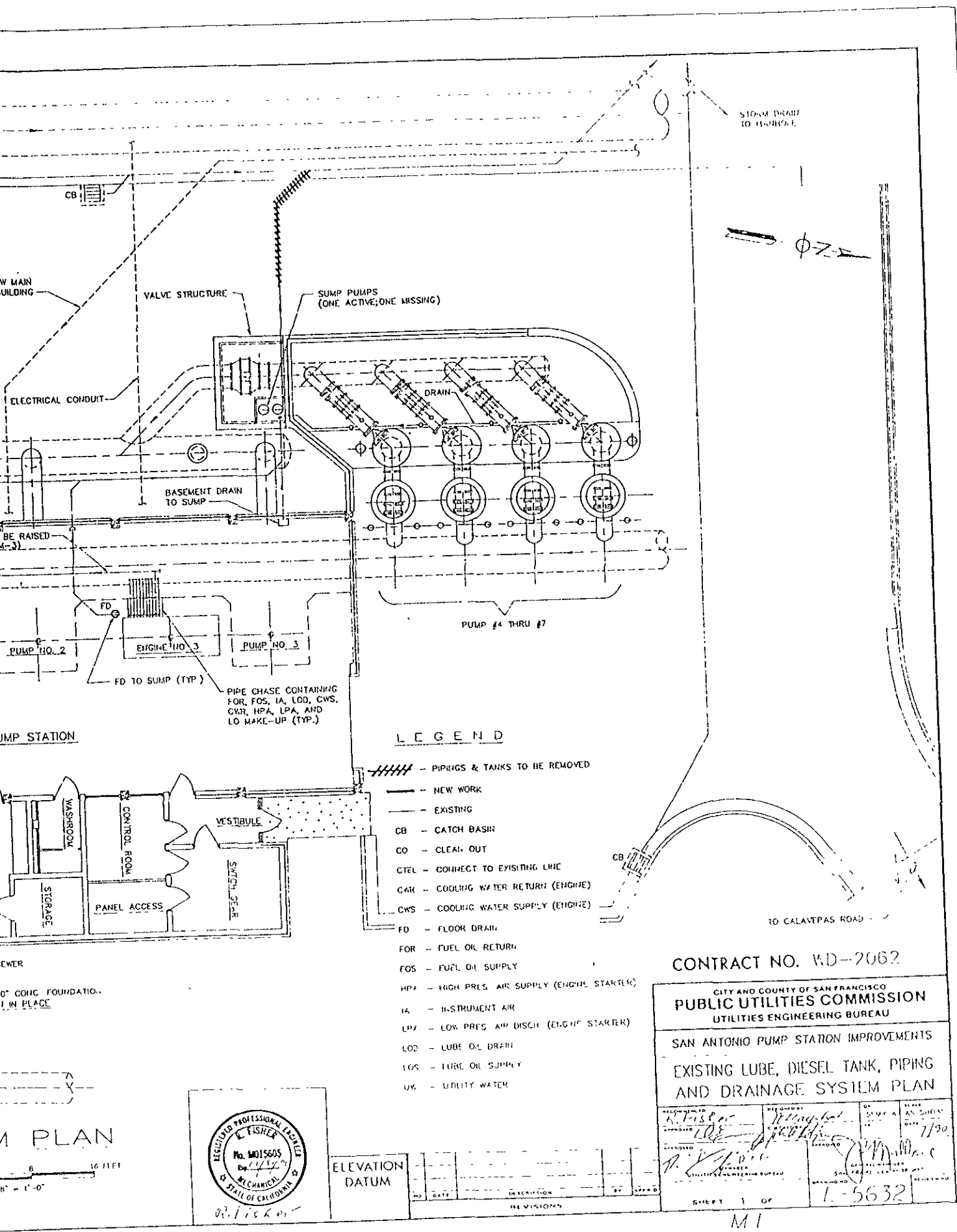
ABBREVIATIONS				SYMBOLS		GENERAL
(E)	AT	HT.	HEIGHT	[Hatched Box]	EARTH	<ol style="list-style-type: none"> 1. ALL CONSTRUCTION & INSTALL IN SPECIFICATIONS, COMPANY 2. VERIFY ALL EXISTING CON. NOTIFY ENGINEER IMMEDIATELY WITH AFFECTED WORK UNIT BY ENGINEER. 3. SEE CIVIL, MECHANICAL & ELECTRICAL ACTION RELATED TO WORK 4. REMOVE EXISTING ITEMS
A.B.	ANCHOR BOLT	INV.	INVERT	[Dotted Box]	CONCRETE	
A.C.	ASPHALTIC CONCRETE	JT.	JOINT	[Cross-hatched Box]	MASONRY WALLS 8" CMU, & 4" FACE BRICK	
ACQV.	ACOUSTICAL	LAM.	LAMINATED	[Horizontal Line Box]	DRYWALLS 4" MET STUDS @ 16" O.C. W/ 5/8" GYP. BO. TYPE "XII", ETC.	
ALUM.	ALUMINUM	LAV.	LAVATORY	[Vertical Line Box]		
APPROX.	APPROXIMATE	M.ECH.	MECHANICAL	[Diagonal Line Box]		
BLDG.	BUILDING	MET.	METAL	[Stippled Box]		
BLK.	BLOCK, BLOCKING	MIN.	MINIMUM	[Wavy Line Box]		
B/S	BOTH SIDES	(N)	NEW	[Empty Box]		
C.B.	CATCH BASIN	N.I.C.	NOT IN CONTRACT			
C.I.	CAST IRON	NOM.	NOMINAL			
CONC.	CONCRETE	O.C.	ON CENTERS			

78" BREATHER PLATE LULLUMIT

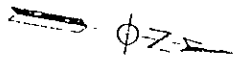


THIS PRINT REDUCED
HALF SIZE

SYSTEM
SCALE
0 1 2 3 4 5 6 7 8 9 10



STORM DRAIN TO HIGHWAY



LEGEND

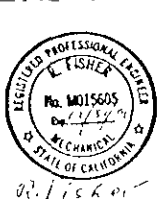
- //// - PIPINGS & TANKS TO BE REMOVED
- - NEW WORK
- - - - - EXISTING
- CB - CATCH BASIN
- CO - CLEAN-OUT
- CTEL - CONNECT TO EXISTING LINE
- CWR - COOLING WATER RETURN (ENGINE)
- CWS - COOLING WATER SUPPLY (ENGINE)
- FD - FLOOR DRAIN
- FOR - FUEL OIL RETURN
- FOS - FUEL OIL SUPPLY
- HPA - HIGH PRES AIR SUPPLY (ENGINE STARTER)
- IA - INSTRUMENT AIR
- LPA - LOW PRES AIR DISCH (ENGINE STARTER)
- LOD - LUBE OIL DRAIN
- LOS - LUBE OIL SUPPLY
- UX - UTILITY WATER

CONTRACT NO. WD-2062

CITY AND COUNTY OF SAN FRANCISCO
PUBLIC UTILITIES COMMISSION
 UTILITIES ENGINEERING BUREAU

SAN ANTONIO PUMP STATION IMPROVEMENTS
 EXISTING LUBE, DIESEL TANK, PIPING
 AND DRAINAGE SYSTEM PLAN

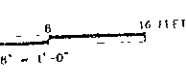
DESIGNED BY <i>R. Fisher</i>	CHECKED BY <i>W. J. ...</i>	DATE 7/30
SHEET 1 OF 1 1-5632		



ELEVATION DATUM

NO.	DATE	DESCRIPTION	BY	APP'D

PLAN



EXPLANATION FOR TABLE #2: MINIMUM VERIFICATION ANALYSIS

1. OTHER METHODOLOGIES are continually being developed, and as methods are accepted by EPA or DHS, they also can be used.
2. For DRINKING WATER SOURCES, EPA recommends that the 500 series for volatile organics be used in preference to the 600 series because the detection limits are lower and the QA/QC is better.
3. APPROPRIATE STANDARDS for the material stored in the tank are to be used for all analyses on Table #2. For instance, seasonally, there may be five different jet fuel mixtures to be considered.
4. TO AVOID FALSE POSITIVE detection of benzene, benzene-free solvents are to be used.
5. TOTAL PETROLEUM HYDROCARBONS (TPH) as gasoline (G) and diesel (D) ranges (volatile and extractible, respectively) are to be analyzed and characterized by GCFID with a fused capillary column and prepared by EPA method 5030 (purge and trap) for volatile hydrocarbons, or extracted by sonication using 3550 methodology for extractible hydrocarbons. Fused capillary columns are preferred to packed columns; a packed column may be used as a "first cut" with "dirty" samples or once the hydrocarbons have been characterized and proper QA/QC is followed.
6. TETRAETHYLLEAD (TEL) analysis may be required if total lead is detected unless the determination is made that the total lead concentration is geogenic (naturally occurring).
7. CHLORINATED HYDROCARBONS (CL HC) and BENZENE, TOLUENE, XYLENE AND ETHYLBENZENE (BTX&E) are analyzed in soil by EPA methods 8010 and 8020, respectively, (or 8240) and for water 601 and 602, respectively, (or 624).
8. OIL AND GREASE (O & G) may be used when heavy, straight chain hydrocarbons may be present. Infrared analysis by method 418.1 may also be acceptable for O & G if proper standards are used. "Standard Methods" 17th Edition, 1989, has changed the 503 series to 5520.
9. PRACTICAL QUANTITATION REPORTING LIMITS are influenced by matrix problems and laboratory QA/QC procedures. Following are the Practical Quantitation Reporting Limits:

	<u>SOIL PPM</u>	<u>WATER PPB</u>	
TPH G	1.0	50.0	0.05 ppm
TPH D	1.0	50.0	0.05
BTX&E	0.005	0.5	0.005
O & G	50.0	5,000.0	50 ppm



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