Scanned

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

July 13, 2007

Mr. Larry Pearce
MBM Corporation
5675 Sunol Blvd.
Pleasanton, CA 94566

Subject: Fuel Leak Case No. RO0002740 and Geotracker Global ID T0600126288, MBM Corporation, 5675 Sunol Blvd., Pleasanton, CA 94566 – Case Closure

Dear Mr. Pearce:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Section 25296.10 of the Health and Safety Code. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- Residual total petroleum hydrocarbons as diesel remain in soil at concentrations up to 16 ppm.

If you have any questions, please call Jerry Wickham at (510) 567-6791. Thank you.

Sincerely,

Donna L. Drogos, P.E.
LOP and Toxics Program Manager

Enclosures:
1. Remedial Action Completion Certificate
2. Case Closure Summary

cc:

Ms. Cherie McCaulou (w/enc)
SF- Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

Mr. Toru Okamoto (w/enc)
State Water Resources Control Board
UST Cleanup Fund
P.O. Box 944212
Sacramento, CA 94244-2120

Ms. Danielle Stefani (w/enc)
Livermore-Pleasanton Fire Department
3560 Nevada Street
Pleasanton, CA 94566

Ms. Colleen Winey, QIC 80201 (w/enc)
Zone 7 Water Agency
100 North Canyons Parkway
Livermore, CA 94551

City of Pleasanton Planning and Community Development (w/enc)
200 Old Bernal Avenue
P.O. Box 520
Pleasanton, CA 94566-0802

Frank Goldman
Environmental and Hydrogeological Consulting
P.O. Box 59
Sonoma, CA 95476

Jerry Wickham (w/orig enc), D. Drogos (w/enc), File (w/enc)

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ENVIRONMENTAL HEALTH SERVICES
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1131 Harbor Bay Parkway, Suite 250
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REMEDIAL ACTION COMPLETION CERTIFICATION

July 13, 2007

Mr. Larry Pearce
MBM Corporation
5675 Sunol Blvd.
Pleasanton, CA 94566

Subject: Fuel Leak Case No. RO0002740 and Geotracker Global ID T0600126288, MBM Corporation, 5675 Sunol Blvd., Pleasanton, CA 94566 – Case Closure

Dear Mr. Pearce:

This letter confirms the completion of a site investigation and remedial action for the underground storage tanks 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.

This notice is issued pursuant to subdivision (h) of Section 25296.10 of the Health and Safety Code. Please contact our office if you have any questions regarding this matter.

Sincerely,

Ariu Levi
Director
Alameda County Environmental Health

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK - LOCAL OVERSIGHT PROGRAM

I. AGENCY INFORMATION

Date: January 17, 2007

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6791
Responsible Staff Person: Jerry Wickham	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: MBM Corporation		
Site Facility Address: 5675 Sunol Boulevard, Pleasanton, CA 94566		
RB Case No.: ---	Local Case No.: ---	LOP Case No.: RO0002740
URF Filing Date: 06/03/04	SWEEPS No.: ---	APN: 947-4-3-4

Responsible Parties	Addresses	Phone Numbers
Larry Pearce, MBM Corporation	5675 Sunol Boulevard, Pleasanton, CA 94566	

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	20,000 gallons	Diesel	Removed	05/13/2004
2	20,000 gallons	Diesel	Removed	05/13/2004
3	6,000 gallons	Diesel	Removed	05/13/2004
4	500 gallons	Motor Oil	Removed	11/06/1990
5	600 gallons	Waste Oil	Removed	11/06/1990
Piping			Removed	05/13/2004

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown. No holes, cracks, or other signs of failure were observed in the tanks during removal; however, the 6,000-gallon diesel UST was damaged during removal.	
Site characterization complete? Yes	Date Approved By Oversight Agency: -----

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK - LOCAL OVERSIGHT PROGRAM

I. AGENCY INFORMATION

Date: January 17, 2007

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City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6791
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III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown. No holes, cracks, or other signs of failure were observed in the tanks during removal; however, the 6,000-gallon diesel UST was damaged during removal.	
Site characterization complete? Yes	Date Approved By Oversight Agency: -----

Monitoring wells installed? Yes	Number: 4	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 6	Lowest Depth: 7	Flow Direction: West Northwest
Most Sensitive Current Use: Drinking water source.		

Summary of Production Wells in Vicinity: A total of 37 water supply wells are located within 1/2 –mile of the site. Based on their groundwater flow direction and distance of the wells from the site, none of the wells are expected to be receptors for the site. The nearest water supply well to the site is 3S/1E 29G7, which is located approximately 400 feet south of the site. Based on the cross gradient location of well 3S/1E 29G7 and the distance from the site, the well is not expected to be a receptor for the site. The nearest downgradient water supply well is an irrigation well 3S/1E 29C,which is approximately 1,200 feet west of the site. Based on the limited extent of potential groundwater contamination from the site and distance of the downgradient wells from the site, the downgradient wells are not expected to be a receptor for the site.

Are drinking water wells affected? No	Aquifer Name: Bernal Subbasin of Livermore/Amador Basin
Is surface water affected? No	Nearest SW Name: Sycamore Creek is approximately 125 feet northwest of the site. Sycamore Creek flows through an underground culvert approximately 60 feet northeast of the former diesel USTs.
Off-Site Beneficial Use Impacts (Addresses/Locations): None	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health and Livermore Pleasanton Fire Department

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	2 – 20,000 gallon tanks 1 – 6,000 gallon tank	Transported to Ecology Control Industries in Richmond, CA for disposal	05/13/2004
Piping	Not reported	Not reported	05/13/2004
Free Product	None	---	---
Soil	None	---	---
Groundwater	None	---	---

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
(Please see Attachments 1 through 7 for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	<1	<1	<50	<50
TPH (Diesel)	16	16	5,500	<100
Oil and Grease	NA	NA	NA	NA
Benzene	<0.005	<0.005	<0.5	<0.5
Toluene	0.006	0.006	<0.5	<0.5
Ethylbenzene	0.012	0.012	<0.5	<0.5
Xylenes	0.038	0.038	0.54	<0.5
Lead	NA(1)	NA(1)	NA(1)	NA(1)
MTBE	NA(2)	NA(2)	<2(3)	<2(3)
Other (8240/8270)	<0.5	<0.5	8.6(4)	<0.5(4)

(1) No metals analyses conducted.
(2) No analysis for MTBE, fuel oxygenates, or lead scavengers in soil.
(3) MTBE, DIPE, ETBE, and TAME <2.0 ppb; TBA <10 ppb in groundwater. EDB and EDC <0.5 ppb in groundwater.
(4) Tetrachloroethene = 8.6 ppb in groundwater sample from well MW-3 collected on 08/16/95. No VOCs detected in groundwater samples collected on 04/12/06.

Site History and Description of Corrective Actions:

The site is within a mixed commercial and residential area of Pleasanton, CA. Eight soil borings were advanced in the area of the former diesel UST tank pit in May 1990. Two of five soil samples collected from the borings contained TPH as diesel at concentrations of 1.3 and 1.4 ppm. TPH as gasoline and benzene were not detected in the soil samples. Vapor monitoring wells were installed in five of the eight soil borings within the former diesel UST tank pit on May 29 and 30, 1990.

A 500-gallon motor oil UST and 600-gallon waste oil UST were removed from the site in November 1990. The waste oil product line was pressure tested and found to be tight. Therefore, the line was grouted in place over the section running from the service pit inside the building to the waste oil tank pit. The vent lines, which are within the walls of the truck maintenance building were left in place and grouted at the bottom. Soil samples collected beneath the tanks contained less than 5 ppm of TPH as motor oil. Stockpiled soil from the waste oil tank pit contained 190 ppm of TPH as motor oil and stockpiled soil removed from the motor oil tank pit contained 180 ppm of TPH as motor oil. The stockpiled soil was disposed off-site. The City of Pleasanton issued a closure letter for the tanks on February 8, 1991.

On August 14 and 15, 1995, three exploratory borings were drilled adjacent to the former waste oil tank, former motor oil tank, and existing diesel fuel tanks. TPH as motor oil was detected in soil samples from the three soil borings at concentrations up to 62 ppm. TPH as diesel was detected in soil samples from the three soil borings at concentrations up to 5.2 ppm. TPH as gasoline, BTEX, and VOCs were not detected in the soil samples. Monitoring wells (MW-1 through MW-3) were installed in the three borings. Groundwater samples from the three monitoring wells did not contain detectable concentrations of TPH as gasoline, TPH as diesel, benzene, toluene, or ethylbenzene. Xylenes were detected in groundwater from well MW-2 at a concentration of 0.5 ppb and tetrachloroethene (PCE) was detected in groundwater from well MW-3 at a concentration of 8.6 ppb. PCE was not detected in groundwater from any monitoring wells during subsequent groundwater sampling events.

Three diesel USTs were removed from the site in May 2004. TPH as diesel was detected in soil samples collected below the tanks at concentrations up to 5.7 ppm. No stockpile soil sample results were reported. The tank pit was backfilled with excavated soil and imported fill. The 6,000-gallon single-wall fiberglass UST was damaged during removal, causing a release of residual fuel from the tank. Three water samples were collected from water that accumulated in depressions below each of the tanks. A water sample collected below the 6,000-gallon UST tank contained 5,500 ppb of TPH as diesel; water samples collected from below the other two tanks contained TPH as diesel at concentrations of 150 and 220 ppb, respectively. The water sample collected in the area of the 6,000-gallon diesel tank appeared to have been affected by the surface release of diesel fuel during tank removal and does not appear to be representative of groundwater quality. An aboveground tank system was subsequently installed in the location of the former USTs.

In April 2006, one monitoring well (MW-4) was installed downgradient of the former diesel USTs. Soil samples collected at depths ranging from 5 to 26 feet bgs did not contain detectable concentrations of TPH as diesel. Groundwater samples were collected from each of the four monitoring wells on April 26, 2006. TPH as gasoline, TPH as diesel, fuel oxygenates, lead scavengers, and chlorinated solvents were not detected in any of the groundwater samples.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? ---		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? ---		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a risk to human health based upon current land use and conditions.		
Site Management Requirements: Case closure for the fuel leak site is granted for commercial land use only. If a change in land use to residential or other conservative scenario occurs at this property, Alameda County Environmental Health must be notified and the case needs to be re-evaluated.		
Should corrective action be reviewed if land use changes? Yes		
Was a deed restriction or deed notification filed? No		Date Recorded: --
Monitoring Wells Decommissioned: No	Number Decommissioned: 0	Number Retained: 4
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: --		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

The nearest monitoring wells to the former USTs (MW1 and MW2) are located in a cross gradient direction approximately 10 and 20 feet, respectively, north of the former UST tank pit. The nearest well downgradient of the former USTs is approximately 65 feet west northwest of the former tank pit. Diesel fuel may be present in groundwater beneath and immediately downgradient of the former tank pit. However, fuel hydrocarbons were not detected in either the cross gradient or downgradient monitoring wells. Based on the proximity of the cross gradient and downgradient wells, a plume, if present, is limited in extent to the area of the former tank pit and does not pose a risk to downgradient receptors or groundwater resources in the area.

No analyses for metals were performed during the removal of the waste oil tank in 1995.

No analyses for MTBE, fuel oxygenates, or lead scavengers were performed for soil samples.

Conclusion:

Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment based upon the information available in our files to date. No further investigation or cleanup is necessary. ACEH staff recommend case closure for this site.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Jerry Wickham	Title: Hazardous Materials Specialist
Signature: Jerry Wickham	Date: 01/16/07
Approved by: Donna L. Drogos, P.E.	Title: Supervising Hazardous Materials Specialist
Signature: Donna L. Drogos	Date: 01/16/07

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

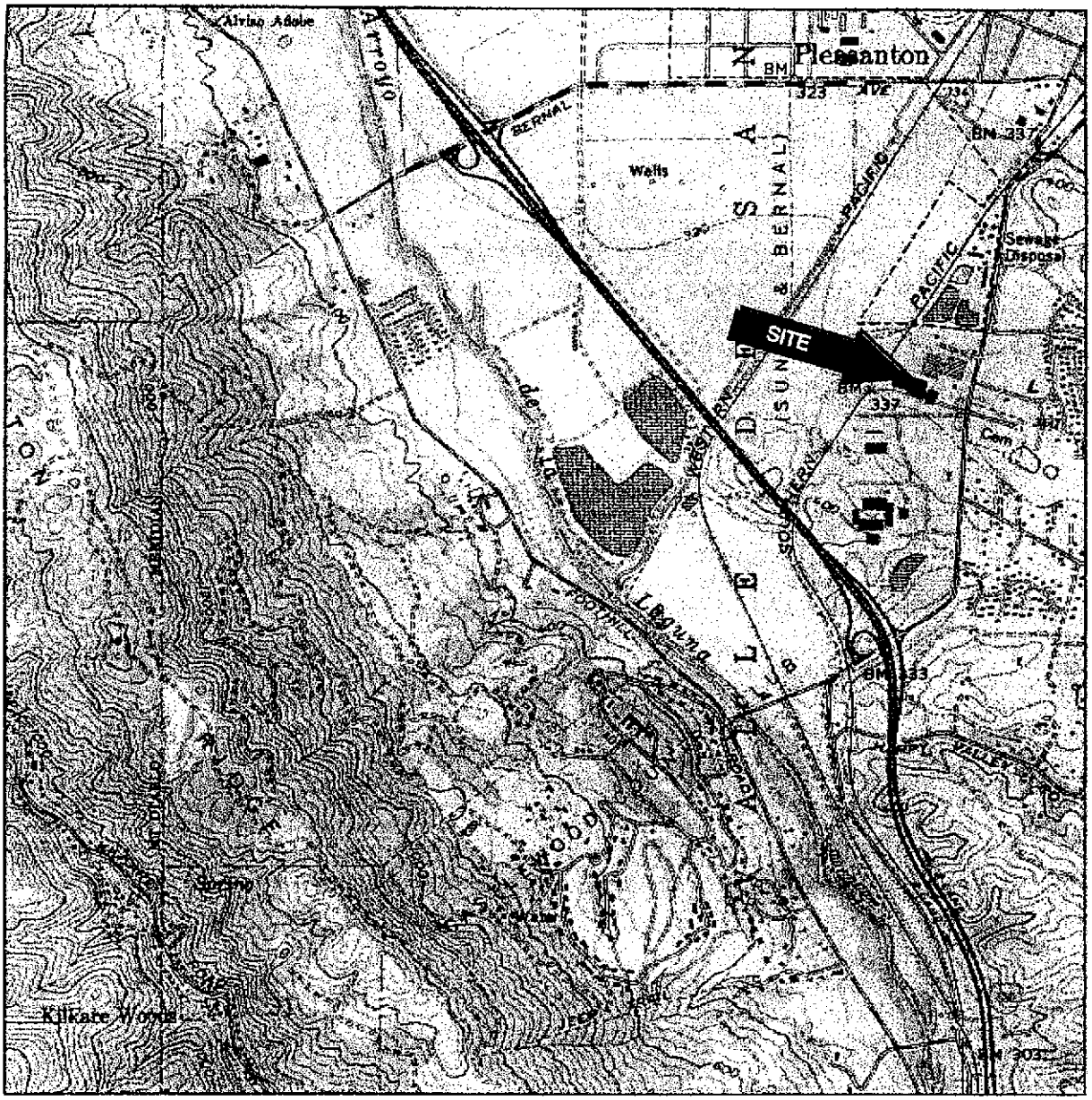
Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
RB Response: Concur, based solely upon information contained in this case closure summary.	Date Submitted to RB:
Signature: Cherie McCaulou	Date: 1/23/07

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: 01/23/07	Date of Well Decommissioning Report: 04/24/07	
All Monitoring Wells Decommissioned: (Yes) No	Number Decommissioned: 4	Number Retained: 0
Reason Wells Retained: NA		
Additional requirements for submittal of groundwater data from retained wells: None		
ACEH Concurrence - Signature: Jerry Wickham		Date: 07/12/07

Attachments:
1. Site Location Map and Well Location Maps (3 pages)
2. Site Layout, Soil Sample Location Map, Well Location Map, Lines of Section, Section Line A-A', Section Line B-B' (6 pages)
3. Groundwater Elevation Contour Maps (2 pages)
4. Soil Analytical Data (6 pages)
5. Groundwater Analytical Data (4 pages)
6. Boring Logs (18 pages)

This document and the related CASE CLOSURE LETTER & REMEDIAL ACTION COMPLETION CERTIFICATE shall be retained by the lead agency as part of the official site file.



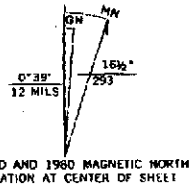
SCALE 1:24 000

1 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 40 FEET



UTM GRID AND 1980 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Reference: U.S.G.S. 7.5-minute Quadrangle Dublin, California, photorevised 1980.

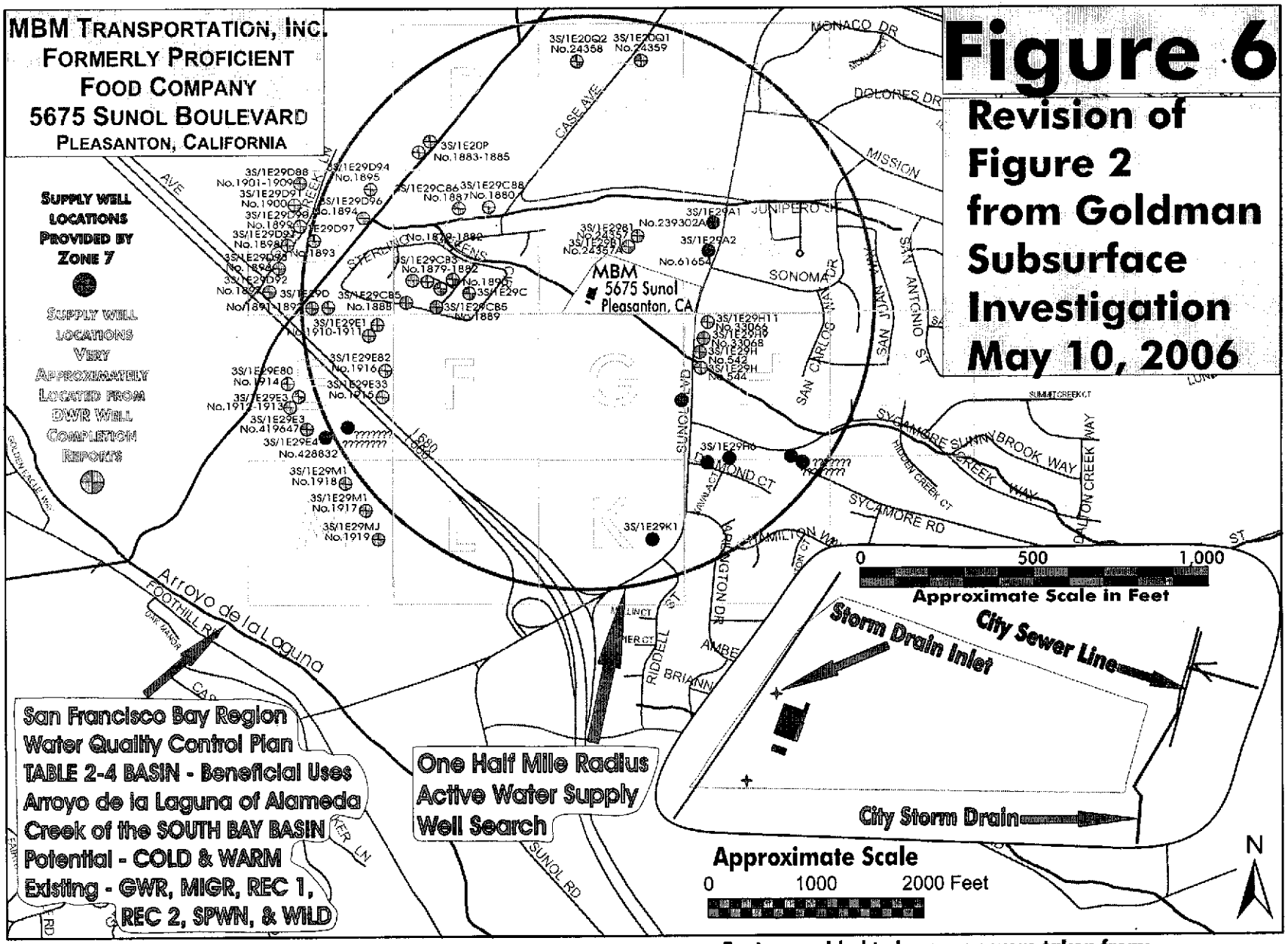
GERAGHTY & MILLER, INC.
Environmental Services
A **Heidemij** Company

Project No. RC0322.000

SITE LOCATION MAP
Proficient Food Company
5675 Sunol Boulevard
Pleasanton, California

FIGURE
1

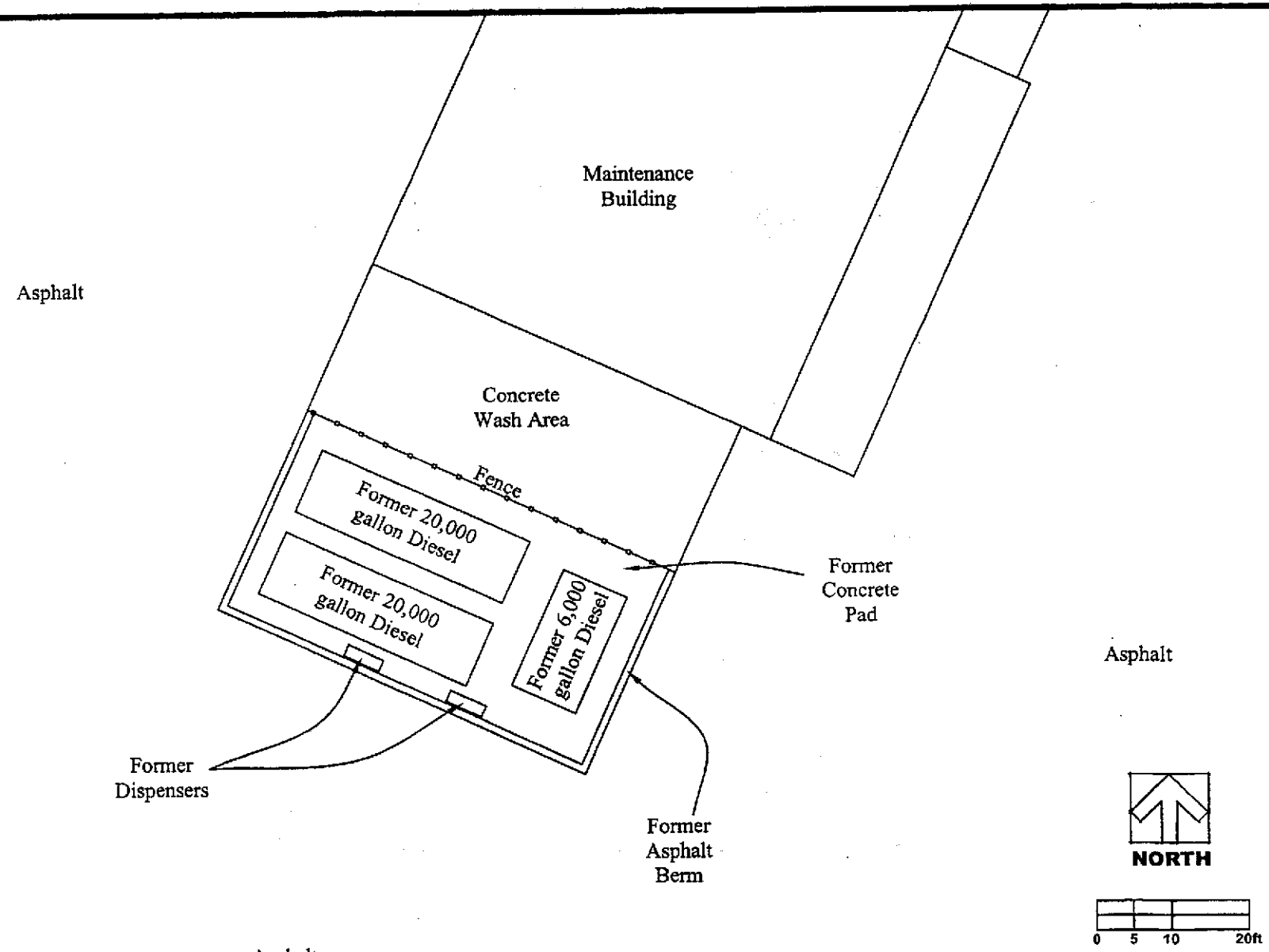
ATTACHMENT 1



Data sources: 2004 GDT streets, USGS 1:24000 National Hydrological Dataset
Date: April 20, 2006 Editor: J. Kapellas, SF Bay Reg. Water Quality Control Board

Features added to base map were taken from:
City of Pleasanton Sewer/Storm Drain System Facilities 12/02
Tank Addition Map - Duram & Associates 04/17/04
Well Location Map - Zone 7 Water Agency 04/03/06

	ZONE 7 WATER AGENCY 100 NORTH CANYONS PARKWAY LIVERMORE, CA 94551	**WELL LOCATION MAP**	SCALE: 1"= 250 ft DATE: 8/28/06 5675 Sunol Blvd H:\FLOOD\REFERALLS\REFERALLS.WOR



Note: Locations are approximate.

W.A. Craig, Inc.
6940 Tremont Road Lic. No. 455752
Dixon, California 95620-9603
(707) 693-2929 Fax# (707) 693-2922

Site Layout

MBM
5675 Sunol Boulevard
Pleasanton, California

Project #: 4224	Figure: 1
Date: 7/7/04	
Scale: 1"=20'	

ATTACHMENT 2

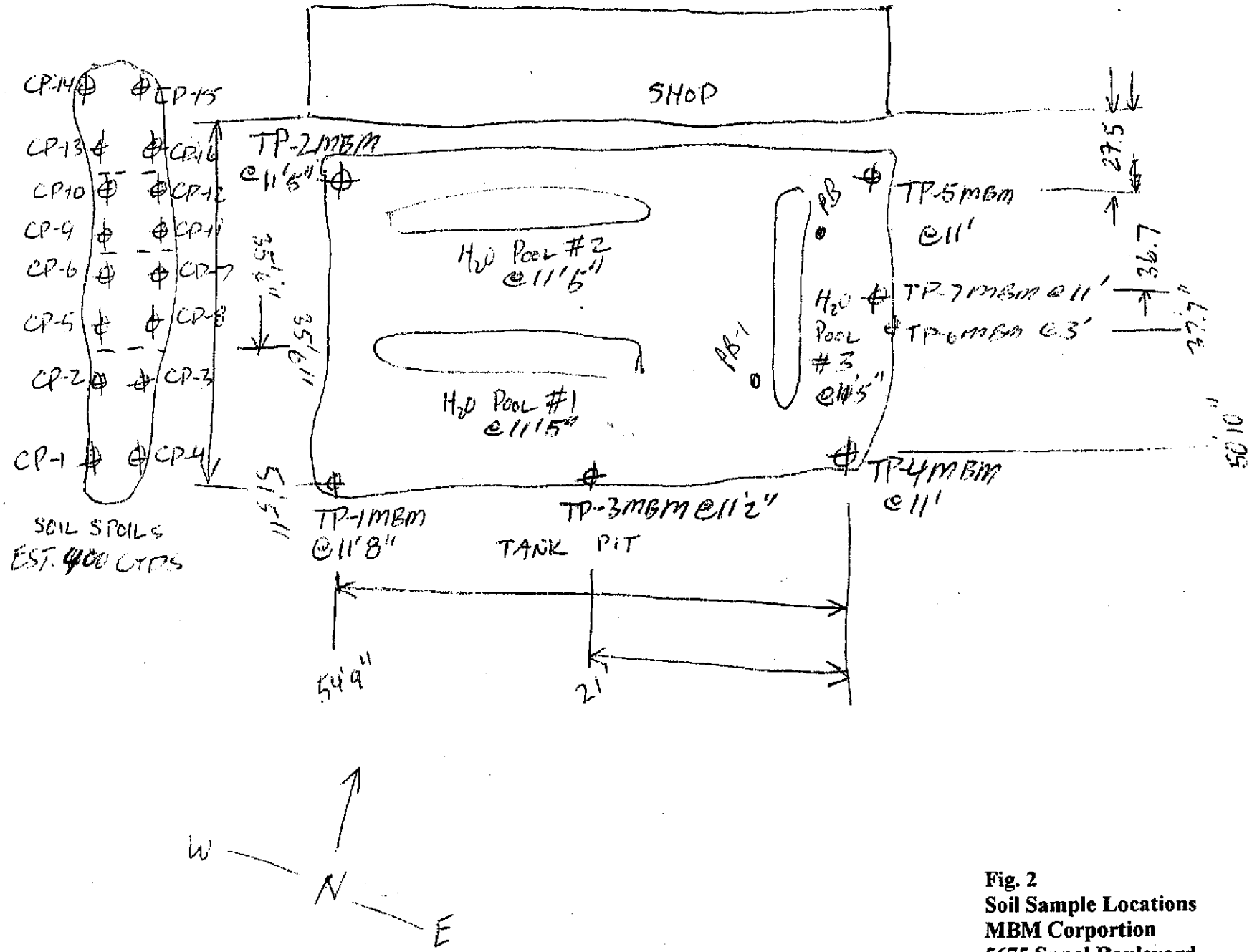
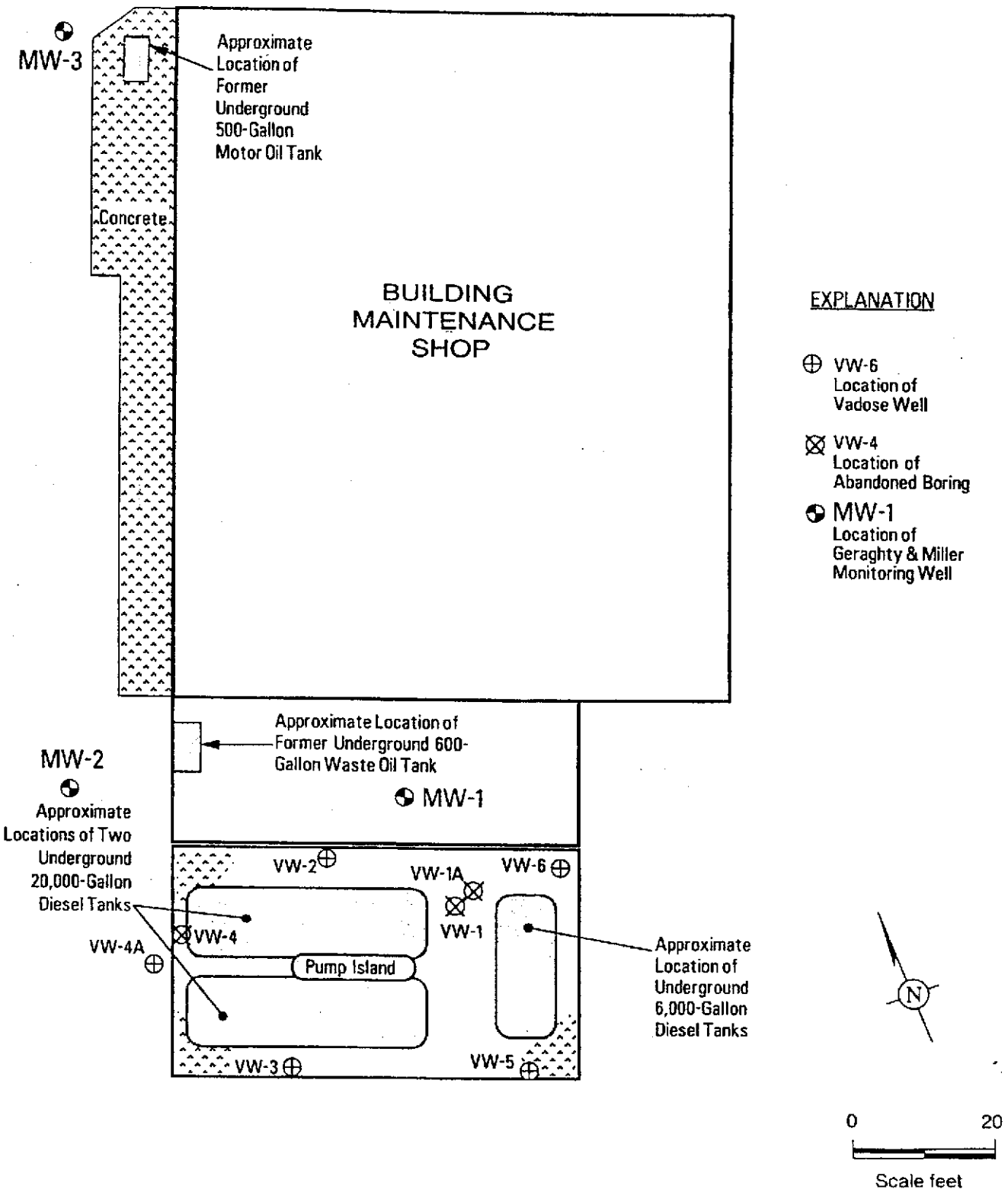


Fig. 2
Soil Sample Locations
MBM Corportion
5675 Sunol Boulevard
Pleasanton, CA

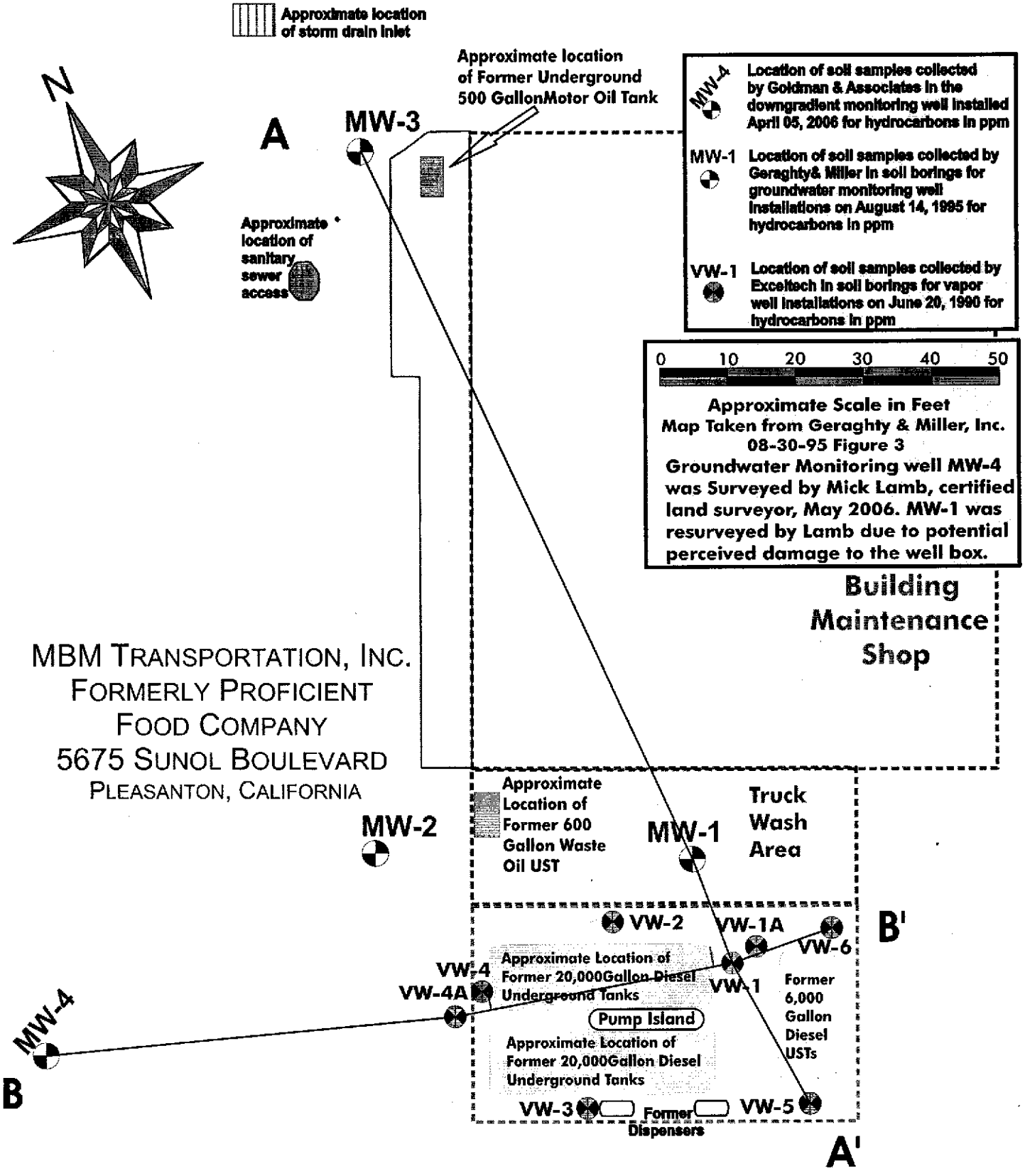


GERAGHTY & MILLER, INC.
Environmental Services
A Heidemij Company

Project No. RC0322.001

WELL LOCATION MAP
Proficient Food Company
5675 Sunol Boulevard
Pleasanton, California

FIGURE
3

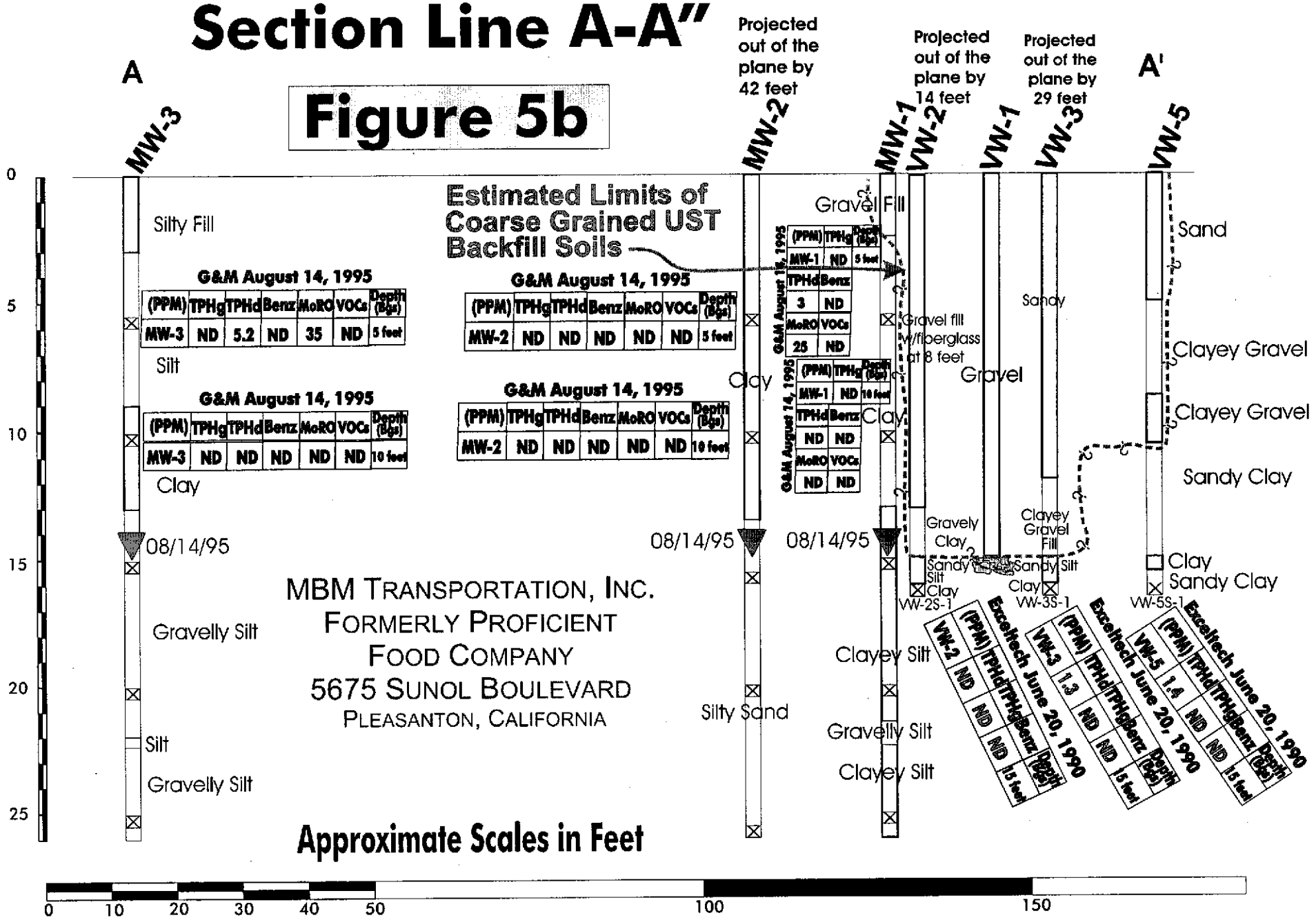


Lines of Section

Figure 5a

Section Line A-A"

Figure 5b



MBM TRANSPORTATION, INC.
FORMERLY PROFICIENT
FOOD COMPANY
5675 SUNOL BOULEVARD
PLEASANTON, CALIFORNIA

Approximate Scales in Feet

Section Line B-B'

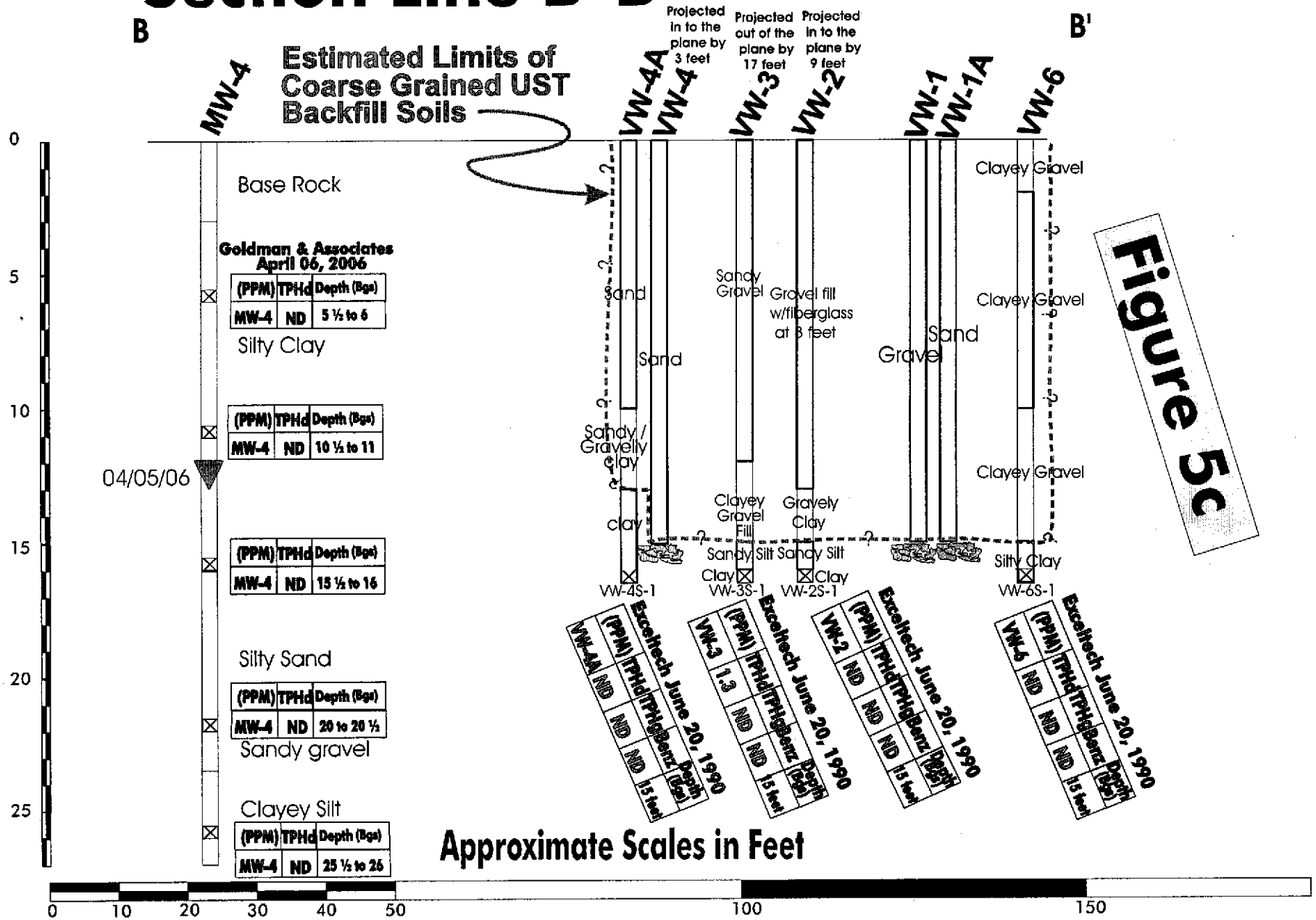
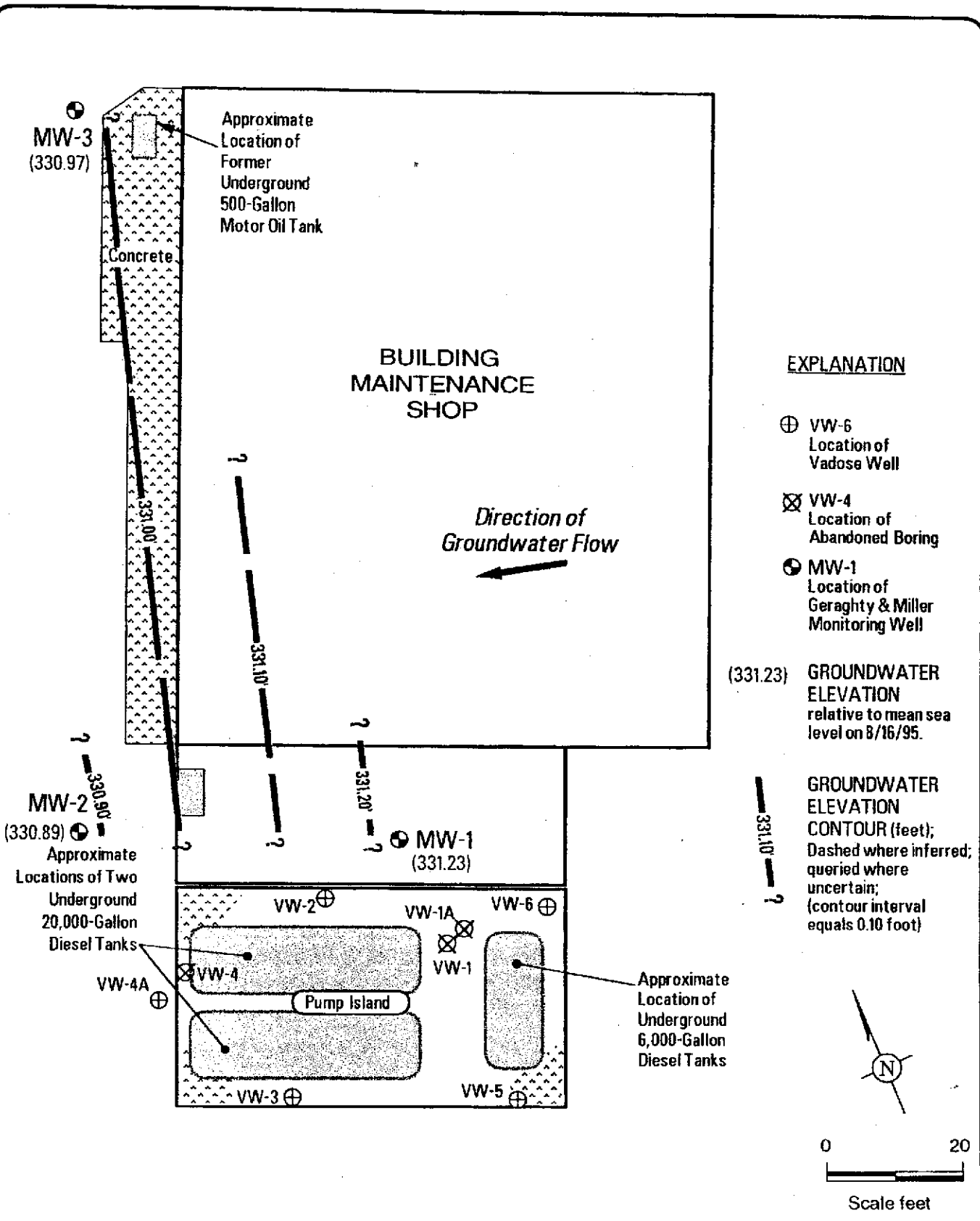


Figure 5c



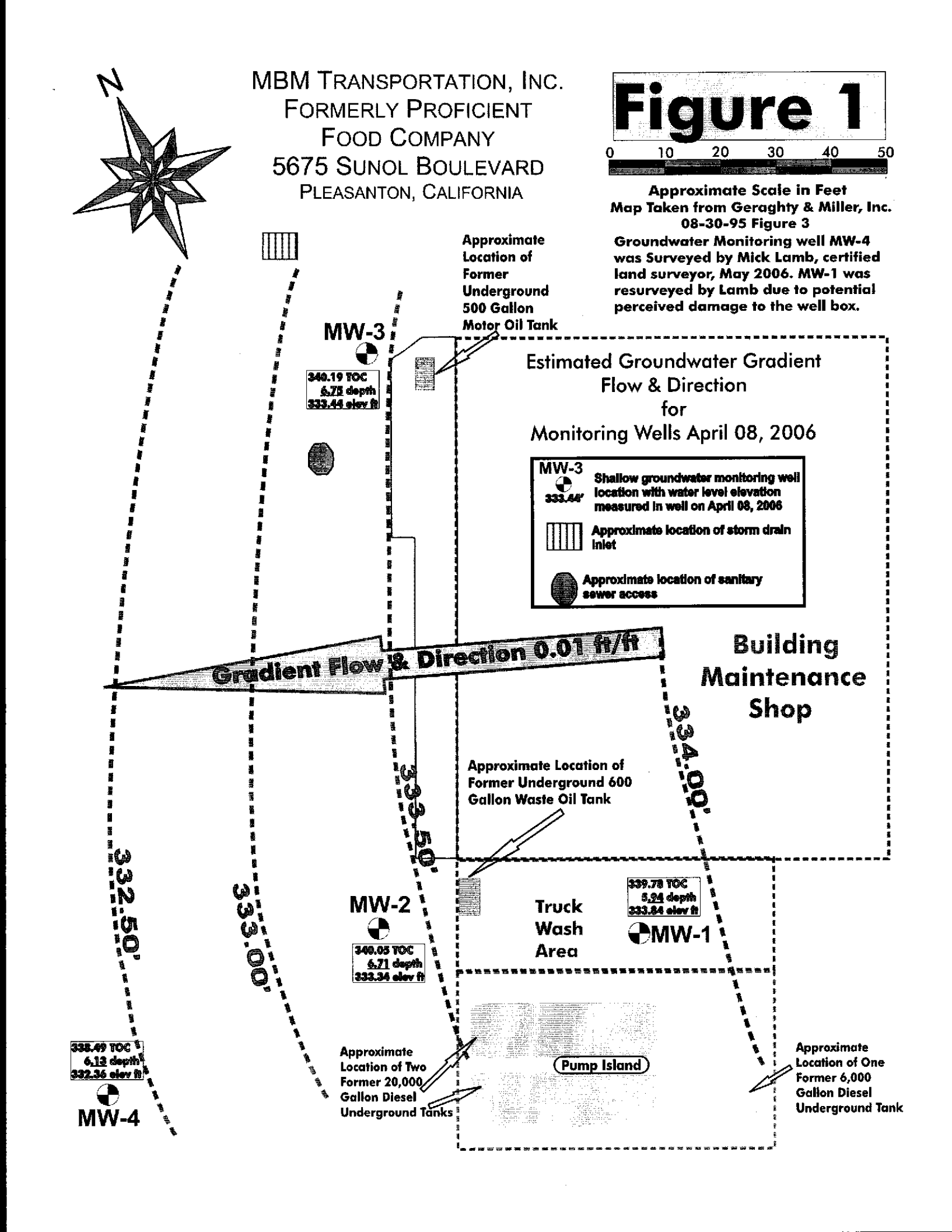
GERAGHTY & MILLER, INC.
Environmental Services
A Heidemij Company

Project No. RC0322.001

GROUNDWATER ELEVATION CONTOUR MAP
Proficient Food Company
5675 Sunol Boulevard
Pleasanton, California

FIGURE
4

ATTACHMENT 3


MBM TRANSPORTATION, INC.
FORMERLY PROFICIENT
FOOD COMPANY
5675 SUNOL BOULEVARD
PLEASANTON, CALIFORNIA
Figure 1
0 10 20 30 40 50
Approximate Scale in Feet
Map Taken from Geraghty & Miller, Inc.
08-30-95 Figure 3
Groundwater Monitoring well MW-4 was Surveyed by Mick Lamb, certified land surveyor, May 2006. MW-1 was resurveyed by Lamb due to potential perceived damage to the well box.
N
Approximate Location of Former Underground 500 Gallon Motor Oil Tank
MW-3
340.19 TOC
6.75 depth
333.44 elev ft
Estimated Groundwater Gradient Flow & Direction for Monitoring Wells April 08, 2006
MW-3
333.44'
Shallow groundwater monitoring well location with water level elevation measured in well on April 08, 2006
Approximate location of storm drain inlet
Approximate location of sanitary sewer access
Gradient Flow & Direction 0.01 ft/ft
Building Maintenance Shop
334.00'
333.50'
333.00'
332.50'
Approximate Location of Former Underground 600 Gallon Waste Oil Tank
MW-2
340.05 TOC
6.71 depth
333.34 elev ft
339.78 TOC
5.94 depth
333.84 elev ft
MW-1
Truck Wash Area
338.49 TOC
6.13 depth
332.36 elev ft
MW-4
Approximate Location of Two Former 20,000 Gallon Diesel Underground Tanks
Pump Island
Approximate Location of One Former 6,000 Gallon Diesel Underground Tank

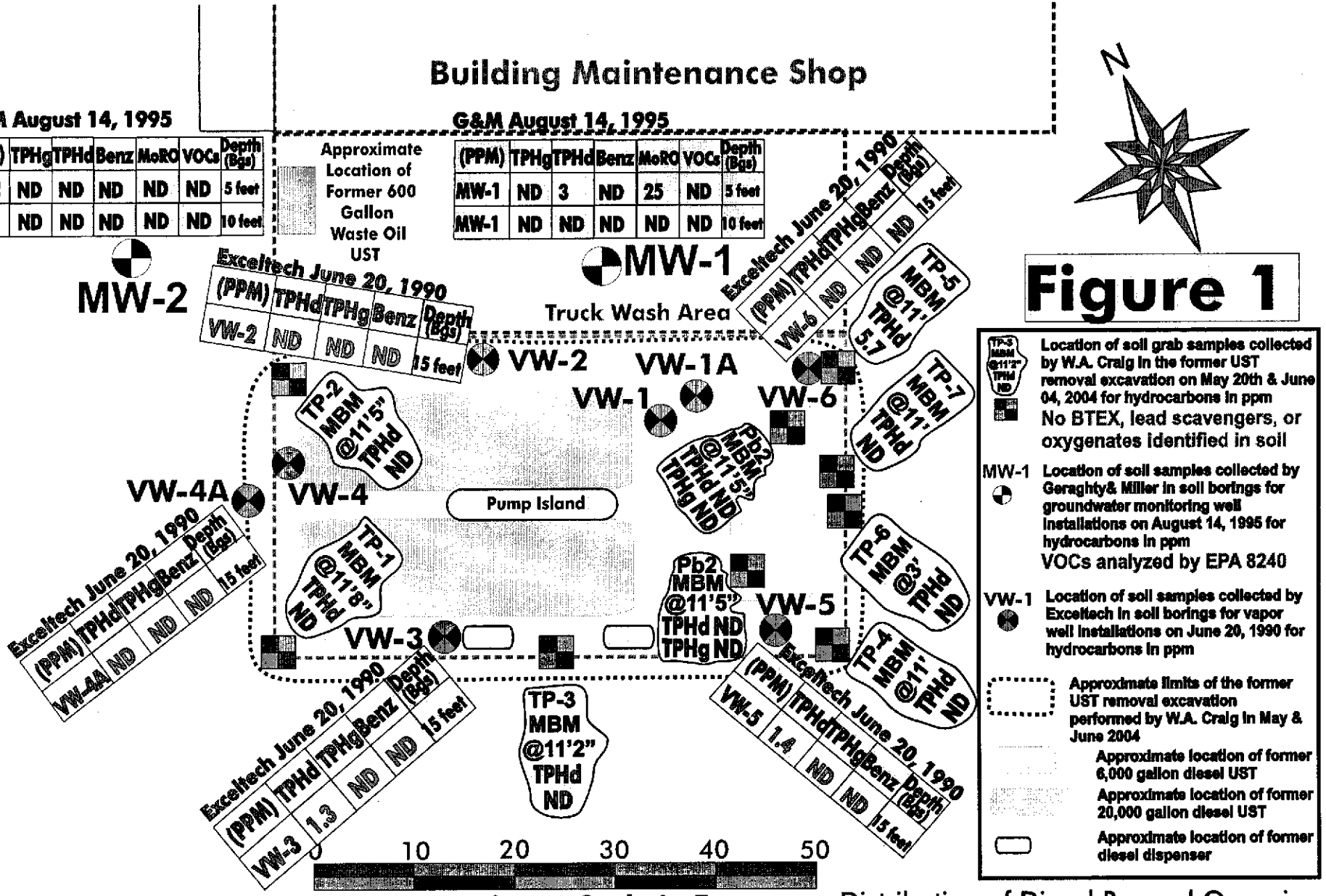


Figure 1

Distribution of Diesel Ranged Organics (TPHd) & other related fuel hydrocarbons identified in soil over three (3) subsurface investigations by Exceltech (1990)[Vapor Wells], Geraghty & Miller (1995)[Groundwater Wells], & W.A. Craig (2004)[UST Pit]

MBM TRANSPORTATION, INC.
FORMERLY PROFICIENT FOOD COMPANY
5675 SUNOL BOULEVARD
PLEASANTON, CALIFORNIA

Map Taken from Geraghty & Miller, Inc. 08-30-95 Figure 3

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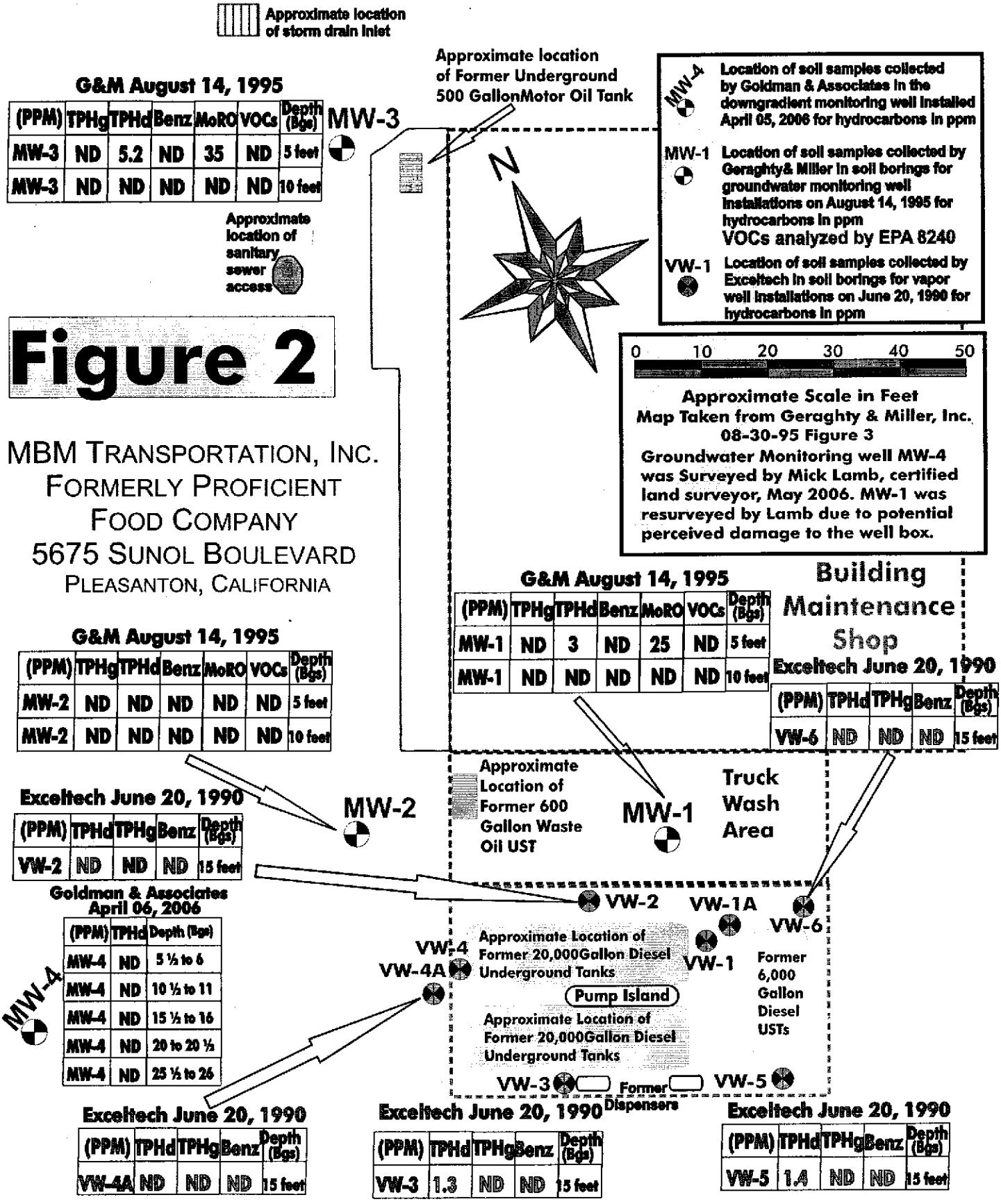
ATTACHMENT 4



Distribution of Diesel Ranged Organics (TPHd) & other related fuel hydrocarbons identified in soil over three (3) subsurface investigations by Exceltech (1990)[Vapor Wells], Geraghty & Miller (1995)[Groundwater Wells], & Goldman (2006)[One well]

Excelltech, Inc.
Project No. 330008-31

Proficient Foods
June 20, 1990

TABLE 1
SUMMARY OF SOIL ANALYSES DATA

Sample Number	Sample Depth (ft.)	TPHD (ppm)	TPHG (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl Benzene (ppm)	Xylenes (ppm)
VW-2	15	ND	ND	ND	0.006	.012	0.038
VW-3	15	1.3	ND	ND	ND	ND	.010
VW-4A	15	ND	ND	ND	ND	0.0051	.026
VW-5	15	1.4	ND	ND	ND	ND	ND
VW-6	15	ND	ND	ND	ND	ND	.010

ND	Not detected at or above the laboratory detection limits
ppm	Parts per million
TPHD	Total petroleum hydrocarbons as diesel
TPHG	Total petroleum hydrocarbons as gasoline
f t	Feet below ground surface

For detection limits, refer to laboratory reports.

Table 3: **Soil Analytical Results**
Proficient Food Company
5675 Sunol Boulevard
Pleasanton, California

Boring Number	Date Sampled	Sample Depth (feet)	TPH-G (mg/kg) (a)	TPH-D (mg/kg) (a)	Benzene (mg/kg) (a)	Toluene (mg/kg) (a)	Ethylbenzene (mg/kg) (a)	Xylenes (mg/kg) (a)	VOCs (mg/kg) (b)	Motor Oil (mg/kg) (a)
MW-1	14-Aug-95	5	ND(<1.0)	3.0 (c)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND	25
	14-Aug-95	10	ND(<1.0)	ND(<1.0)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND	ND(<1)
MW-2	14-Aug-95	5	ND(<1.0)	ND(<1.0)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND	ND(<1)
	14-Aug-95	10	ND(<1.0)	ND(<1.0)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND	ND(<1)
MW-3	15-Aug-95	5	ND(<1.0)	5.2 (c)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND	35
	15-Aug-95	10	ND(<1.0)	ND(<1.0)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND	ND(<1)
Stockpile	15-Aug-95		ND(<1.0)	3.1 (c)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND	62

(a) TPH-G, TPH-D, BTEX, and motor oil analyzed by USEPA Method 8015, modified.
(b) VOCs analyzed by USEPA Method 8240.
(c) Unidentified hydrocarbons reported greater than C20.

TPH-G Total petroleum hydrocarbons as gasoline
TPH-D Total petroleum hydrocarbons as diesel
VOCs Volatile organic compounds
NA Not analyzed
ND Not detected
mg/kg Milligrams per kilogram

Laboratory results from Sequoia Analytical, Walnut Creek, California.

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

W. A. Craig Inc.	Client Project ID: #4225; MBM UST	Date Sampled: 05/20/04
6940 Tremont Road		Date Received: 05/21/04
Dixon, CA 95620-9603	Client Contact: Tim Cook	Date Extracted: 05/22/04
	Client P.O.:	Date Analyzed: 05/24/04-05/25/04

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0405353

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
004A	TP-1 MBM	S	---	---	ND	ND	ND	ND	1	101
005A	TP-2 MBM	S	---	---	ND	ND	ND	ND	1	93.2
006A	TP-3 MBM	S	---	---	ND	ND	ND	ND	1	90.3
007A	TP-4 MBM	S	---	---	ND	ND	ND	ND	1	96.0
008A	TP-5 MBM	S	---	---	ND	ND	ND	ND	1	95.8
009A	TP-6 MBM	S	---	---	ND	ND	ND	ND	1	91.0
010A	TP-7 MBM	S	---	---	ND	ND	ND	ND	1	86.5
011A	CP-1-4	S	---	---	ND	ND	ND	ND	1	101
012A	CP-5-8	S	---	---	ND	ND	ND	ND	1	97.6
013A	CP-9-12	S	---	---	ND	ND	ND	ND	1	96.8
014A	CP-13-16	S	---	---	ND	ND	ND	ND	1	88.6

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

W. A. Craig Inc.	Client Project ID: #4225; MBM UST	Date Sampled: 05/20/04
6940 Tremont Road		Date Received: 05/21/04
Dixon, CA 95620-9603	Client Contact: Tim Cook	Date Extracted: 05/22/04
	Client P.O.:	Date Analyzed: 05/24/04-05/27/04

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0405353

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0405353-001C	WS-1 MBM	W	220,a/c	1	99.7
0405353-002C	WS-2 MBM	W	150,a/c	1	100
0405353-003C	WS-3 MBM	W	5500,a	1	103
0405353-004A	TP-1 MBM	S	ND	1	102
0405353-005A	TP-2 MBM	S	ND	1	103
0405353-006A	TP-3 MBM	S	ND	1	88.1
0405353-007A	TP-4 MBM	S	ND	1	90.4
0405353-008A	TP-5 MBM	S	5.7,g,b	1	103
0405353-009A	TP-6 MBM	S	ND	1	86.6
0405353-010A	TP-7 MBM	S	ND	1	84.7
0405353-011A	CP-1-4	S	4.4,a/m	1	101
0405353-012A	CP-5-8	S	7.5,a/c	1	102
0405353-013A	CP-9-12	S	16,a/c	1	103
0405353-014A	CP-13-16	S	7.3,a/c	1	103

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

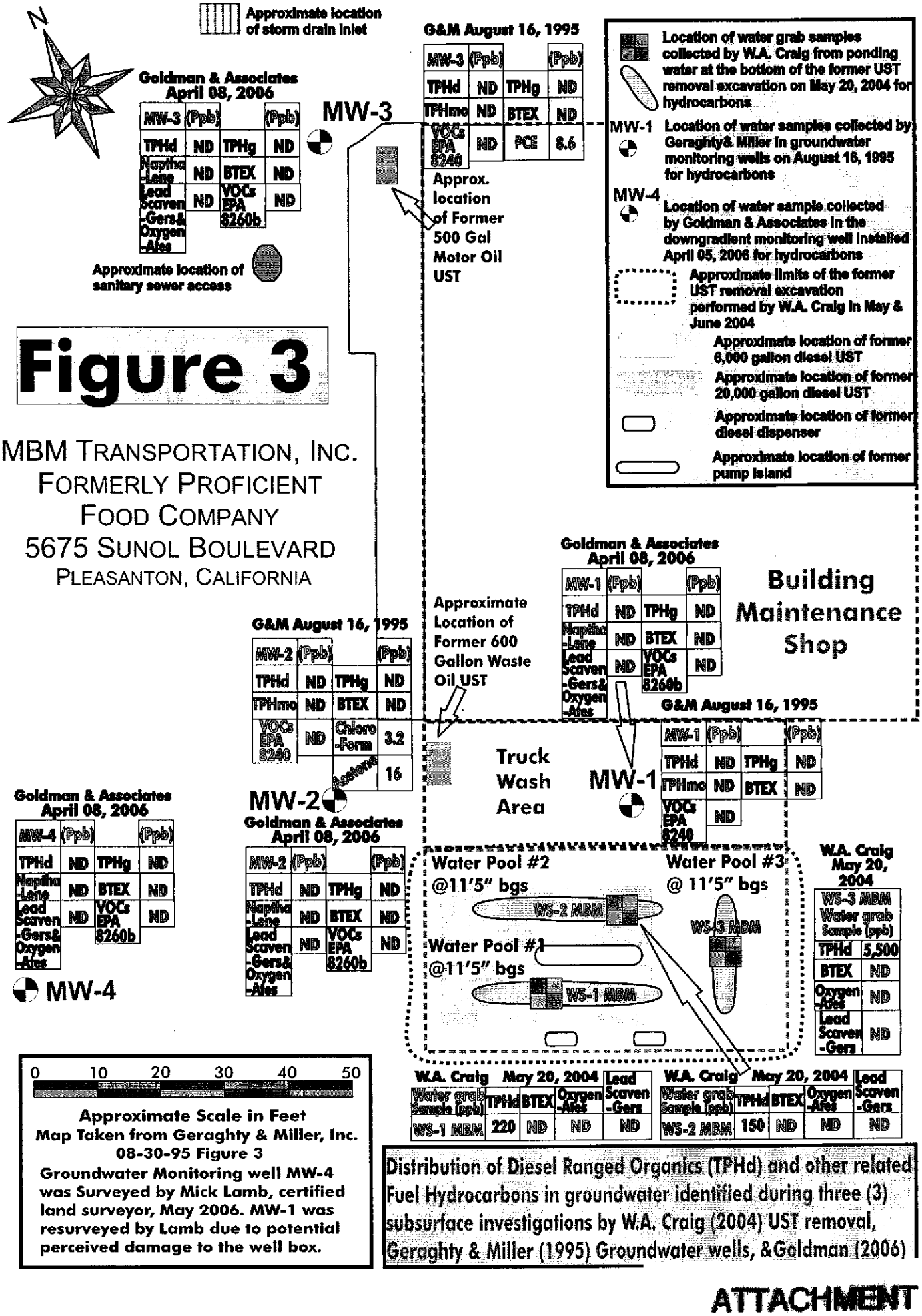
* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

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

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

DHS Certification No. 1644

Angela Rydelius, Lab Manager



ATTACHMENT 5

Table 2: **Groundwater Analytical Results**
Proficient Food Company
5675 Sunol Boulevard
Pleasanton, California

Boring Number	Date Sampled	TPH-G (µg/L) (a)	TPH-D (µg/L) (a)	Benzene (µg/L) (a)	Toluene (µg/L) (a)	Ethylbenzene (µg/L) (a)	Xylenes (µg/L) (a)	VOCs (µg/L) (b)	Motor Oil (µg/L) (a)
MW-1	16-Aug-95	ND(<50)	ND(<50)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<50)
MW-2	16-Aug-95	ND(<50)	ND(<50)	ND(<0.5)	ND(<0.5)	ND(<0.5)	0.54	(c)	ND(<50)
MW-3	16-Aug-95	ND(<50)	ND(<50)	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)	(d)	ND(<50)

(a) TPH-G, TPH-D, BTEX, and motor oil analyzed by USEPA Method 8015, modified.
(b) VOCs analyzed by USEPA Method 8240.
(c) Laboratory analysis detected acetone at 16 µg/L and chloroform at 3.2 µg/L.
(d) Laboratory analysis detected tetrachloroethylene at 8.6 µg/L.

TPH-G Total petroleum hydrocarbons as gasoline
TPH-D Total petroleum hydrocarbons as diesel
VOCs Volatile organic compounds
NA Not analyzed
ND Not detected
µg/L Micrograms per liter

Laboratory results from Sequoia Analytical, Walnut Creek, California.

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

W. A. Craig Inc. 6940 Tremont Road Dixon, CA 95620-9603	Client Project ID: #4225; MBM UST	Date Sampled: 05/20/04
		Date Received: 05/21/04
	Client Contact: Tim Cook	Date Extracted: 05/25/04
	Client P.O.:	Date Analyzed: 05/25/04

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 0405353

Lab ID	0405353-001B	0405353-002B	0405353-003B	0405353-004A	Reporting Limit for DF =1	
Client ID	WS-1 MBM	WS-2 MBM	WS-3 MBM	TP-1 MBM		
Matrix	W	W	W	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				µg/Kg	µg/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	5.0	0.5
t-Butyl alcohol (TBA)	ND	ND	ND	ND	25	5.0
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	5.0	0.5
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	ND	5.0	0.5
Diisopropyl ether (DIPE)	ND	ND	ND	ND	5.0	0.5
Ethanol	ND	ND	ND	ND	250	50
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	5.0	0.5
Methanol	ND	ND	ND	ND	2500	500
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	5.0	0.5
Surrogate Recoveries (%)						
%SS:	101	99.8	101	96.4		
Comments						

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

W. A. Craig Inc.	Client Project ID: #4225; MBM UST	Date Sampled: 05/20/04
6940 Tremont Road		Date Received: 05/21/04
Dixon, CA 95620-9603	Client Contact: Tim Cook	Date Extracted: 05/24/04
	Client P.O.:	Date Analyzed: 05/24/04

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0405353

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	WS-1 MBM	W	---	---	ND	ND	ND	ND	1	98.7
002A	WS-2 MBM	W	---	---	ND	ND	ND	ND	1	101
003A	WS-3 MBM	W	---	---	ND	ND	ND	ND	1	100

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

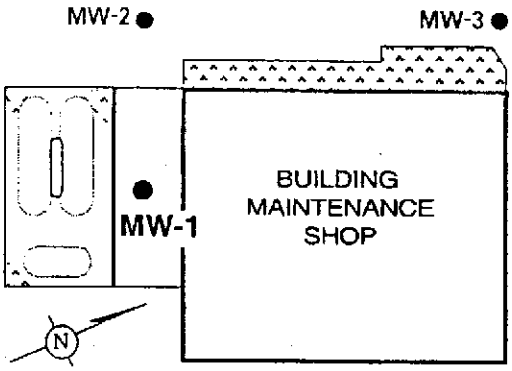
* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

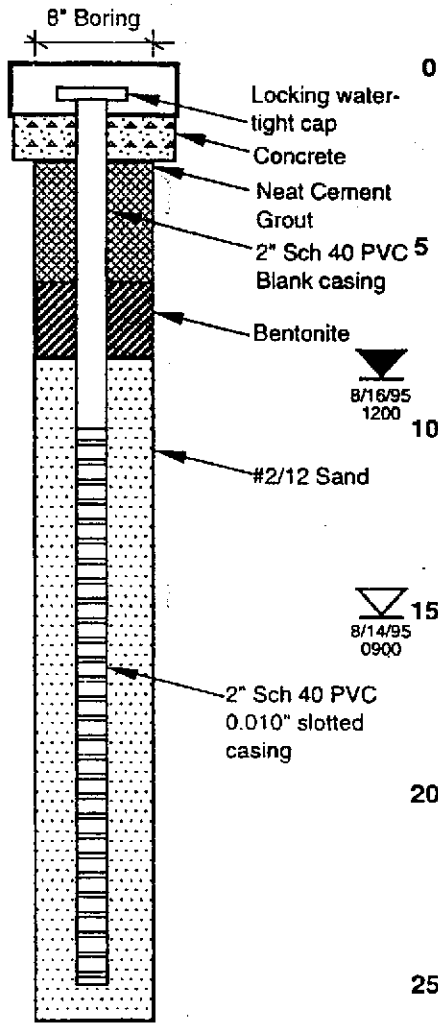


LOG OF BORING MW-1
Proficient Food Company
5675 Sunol Boulevard
Pleasanton, California

Project No.: RC0322.001
Logged By: Robert Vassar
Drilling Co.: West Hazmat
Driller: Jeff Smith

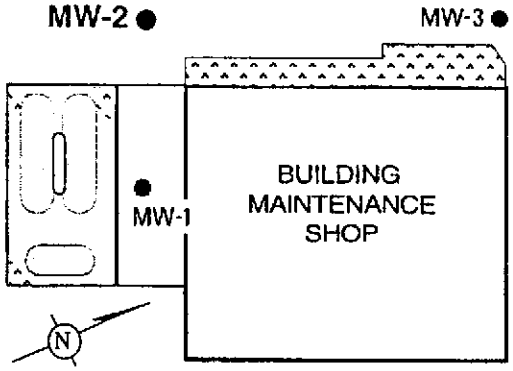
Date Drilled: August 14, 1995
Drilling Method: 8" Hollow Stem Auger
Sampling Method: 2" Split spoon
Driller's License: 554979

WELL CONSTRUCTION



Depth (ft.)	Blows/ft.	PID	Samples	Graphic	DESCRIPTION
					Surface Elevation: 340.27'
					Casing Elevation: 339.81'
0					CONCRETE
					GRAVEL FILL
5	20				CLAY (CL); black (2.5YR N2.5); 80-90% fines; 10-15% gravel; very stiff; moist.
10	17				
15	17				CLAYEY SILT (ML); olive brown (2.5YR 4/4); 60% silt; 35-40% clay; trace sand; trace gravel; very stiff.
20	19				@ 20 feet: wet.
					@ 22 feet: Gravelly Silt; light olive brown (2.5Y 5/6); 60-65% silt; 35-40% gravel; medium dense.
25	28				
					Total Depth Explored: 26 Feet
					Time: 1000 Date: 8/14/95
30					

ATTACHMENT 6

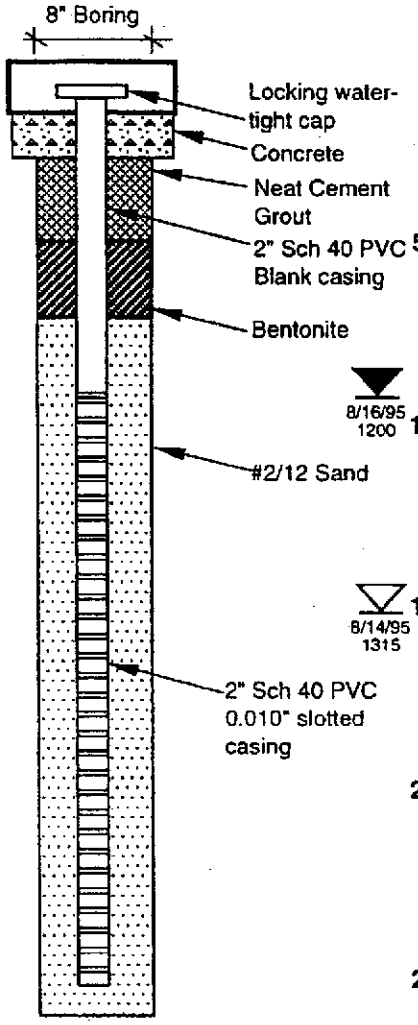


LOG OF BORING MW-2
Proficient Food Company
5675 Sunol Boulevard
Pleasanton, California

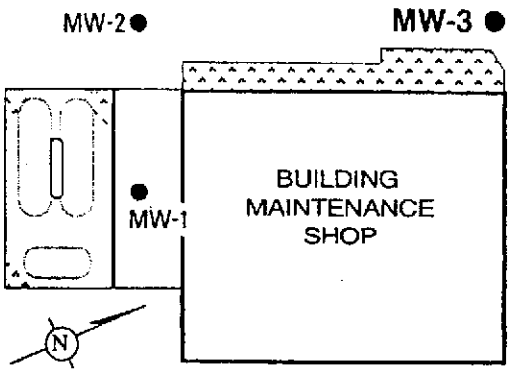
Project No.: RC0322.001
Logged By: Robert Vassar
Drilling Co.: West Hazmat
Driller: Jeff Smith

Date Drilled: August 14, 1995
Drilling Method: 8" Hollow Stem Auger
Sampling Method: 2" Split spoon
Driller's License: 554979

WELL CONSTRUCTION



Depth (ft.)	Blows/ft.	PID	Samples	Graphic	DESCRIPTION
					Surface Elevation: 340.23' Casing Elevation: 340.05'
0					ASPHALT
5	14				CLAY (CL); black (2.5YR N2.5); 80-90% fines; 5% sand; trace gravel; stiff; moist.
10	11				@ 10 feet: olive brown (2.5YR 4/4); 90-100% fines; trace gravel; trace sand; moist.
15	38				SILTY SAND (SM); olive brown (2.5YR 4/4); 60-65% sand; 35-40% fines; medium dense; wet.
20	35				@ 20 feet: light olive brown (2.5YR 5/4); 90% coarse sand; 5-10% gravel; trace fines; medium dense; wet.
25	50+				@ 25 feet: very dense.
30					Total Depth Explored: 26 Feet Time: 1352 Date: 8/14/95

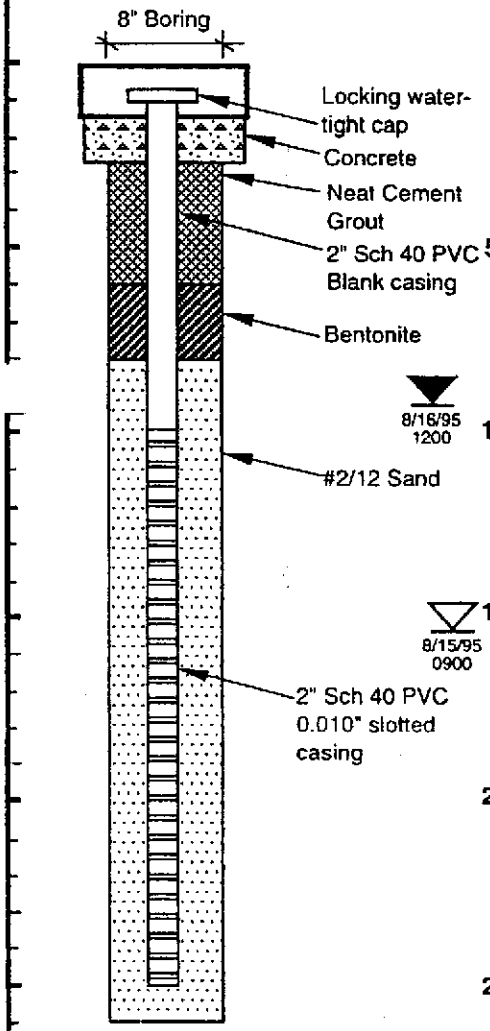


LOG OF BORING MW-3
Proficient Food Company
5675 Sunol Boulevard
Pleasanton, California

Project No.: RC0322.001
Logged By: Robert Vassar
Drilling Co.: West Hazmat
Driller: Jeff Smith

Date Drilled: August 15, 1995
Drilling Method: 8" Hollow Stem Auger
Sampling Method: 2" Split spoon
Driller's License: 554979

WELL CONSTRUCTION



Depth (ft.)	Blows/ft.	PID	Samples	Graphic	DESCRIPTION
					Surface Elevation: 340.61' Casing Elevation: 340.19'
0					ASPHALT
					SILTY FILL
5	35				SILT (ML); olive brown (2.5YR 4/4); 95% fines; trace sand; dry; hard.
10	36				CLAY (CL); very dark grayish brown (2.5Y 3/2); 90-95% fines; trace medium-grained sand; moist; hard.
15	39				GRAVELLY SILT (ML); reddish brown (5YR 4/4); 60-70% fines; 30-40% fine gravel; iron oxide staining; roots; hard; wet.
20	76				@ 22 Feet: Silt; yellow (2.5Y 6/6); 80-85% fines; 10-15% fine-grained sand; trace gravel; trace charcoal; hard; wet.
25					Total Depth Explored: 26 Feet Time: 0942 Date: 8/15/95
30					

EXPLORATORY BORING LOG

DRILL COMPANY: Clearheart	SURFACE ELEVATION:	LOGGED BY: Frank Goldman
DEPTH TO WATER 1ST ENCOUNTERED: 13 ft	BORING DIAMETER: 8 inch	DRILLING METHOD: HSA

LITHOLOGIC DESCRIPTION	SAMPLE INTERVALS	Time & PID reading	DEPTH	WATER 1st encountered	WELL CONSTRUCTION DETAIL	USCS SYMBOLS
Asphalt surface						
Base Rock		11:20 am to 11:50 am	1 2 3			GP
Silty clay, dark green, soft to firm, slightly moist to moist, no odor			4 5			
		0 ppm 12:00 pm	6 7 8 9			CL/ ML
		0 ppm 12:10 pm poor recovery	10 11 12	GW ▽		
			13	— 12:15 pm		
Silty clay, brown, soft to firm, moist, no odor			14 15			
		0 ppm 12:20 pm	16			
Silty sand, light brown, dense, medium to coarse, very moist to wet; more coarse with depth			17 18 19 20			SM

BORING NO. **MW- 4**

DATE: 04-05-06

MBM Transportation, Inc.
5675 Sunol Blvd.
Pleasanton, CA

EXPLORATORY BORING LOG

DRILL COMPANY: Clearheart	SURFACE ELEVATION:	Frank Goldman
DEPTH TO WATER 1ST ENCOUNTERED: 13 ft	BORING DIAMETER: 8 inch	DRILLING METHOD: HSA

LITHOLOGIC DESCRIPTION	SAMPLE INTERVALS	LITHOLOGIC LOG	DEPTH	WATER LEVEL	WELL CONSTRUCTION DETAIL	USCS SYMBOLS
Silty sand, light brown, dense, medium to coarse, very moist to wet; more coarse with depth	■	0 ppm 12:30 pm	21			SM
Sandy gravel, light brown, dense to very, dense, coarse to very coarse, wet			22 23			GW
Clayey silt with sand, brown, firm, wet			24 25			ML
	■	0 ppm 1:00 pm	26			
End @ 26 ½ feet bgs, water @ 13', no caving, base rock fill from 0' to 3' bgs			27 28 29 30 31 32 33 34 35 36 37 38 39 40			

BORING NO. **MW- 4**

DATE: 04-05-06

MBM Transportation, Inc.
5675 Sunol Blvd.
Pleasanton, CA

EXPLORATORY BORING LOG

EXCELTECH

PROJECT NAME: Proficient Foods

BORING NO. VW-1

DATE DRILLED: 5-29-90

PROJECT NUMBER: 330008-31

LOGGED BY: C.C.

DEPTH (ft.)	SAMPLE No.	BLOWS/FOOT	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVM READING ppm
0				Concrete		
1–15			G W	GRAVEL, olive brown (2.5Y 4/4), gravel 90-95%, medium sand 5-10%, very loose, average gravel size 3/8"-1/2"		0.3
15				Hit concrete at 15'; driller attempted to drill through concrete, but augers advanced only 2' and stopped; abandoned boring; no sample taken; boring sealed.		
16				Bottom of Boring = 15 feet		
17–21						

REVIEWED BY R.G./C.E.G.

EXPLORATORY BORING LOG

EXCELTECH

PROJECT NAME: Proficient Foods

BORING NO. VW-1A

DATE DRILLED: 5-29-90

PROJECT NUMBER: 330008-31

LOGGED BY: C.C.

DEPTH (ft.)	SAMPLE No.	BLOWS/FOOT	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVM READING ppm
				Concrete		
1			S W	SAND, grayish brown (2.5Y 5/2); coarse sand 75-85%, medium sand 15-25%, damp		0.0
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14				Hit concrete at 15'; driller attempted to drill through concrete but augers advanced only 2' and stoppped; abandoned boring; no sample taken; boring sealed		0.0
15						
16				Bottom of Boring = 15.feet		
17						
18						
19						
20						
21						

REVIEWED BY R.G./C.E.G.

EXPLORATORY BORING LOG

EXCELTECH

PROJECT NAME: Proficient Foods

BORING NO. VW-2

DATE DRILLED: 5/29/90

PROJECT NUMBER: 330008-31

LOGGED BY: C.C.

DEPTH (ft.)	SAMPLE No.	BLOWS/FOOT	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVM READING ppm
0				Concrete		
1–4			G W	GRAVEL, olive brown (2.5Y 4/4), gravel 75-80%, medium sand 20-25%, very loose, average gravel size 3/8"-1/2"		0.0
5–8				Small pieces of fiberglass encountered at approximately 8'		0.3
9–13						
14				GRAVELLY CLAY, very dark grayish brown (2.5Y 3/2), moderately plastic clay 75-80%, fine gravel 15-20%, average gravel size 3/8"-1/2"		0.3
15						
16	VW-2.5-1	11		SILTY SAND, olive brown (2.5Y 4/4), damp, loose, sand 75-80%, silt 10-15%, minor weathered gravels 5-15%, maximum gravel size 1 1/4", average gravel size 3/8"		
17–18						
19–21				Bottom of Boring = 15 feet		

REVIEWED BY R.G./C.E.G.

EXPLORATORY BORING LOG

EXCELTECH

PROJECT NAME: Proficient Foods

BORING NO. VW-3

DATE DRILLED: 5/30/90

PROJECT NUMBER: 330008-31

LOGGED BY: C.C.

DEPTH (ft.)	SAMPLE No.	BLOWS/FOOT	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVM READING ppm
0				Concrete		
1-2			GW-SW	GRAVEL to SAND, light yellowish brown (2.5Y 6/4), gravel 65-75%, medium to coarse sand 25-35%, maximum gravel size 3/4", average size 3/16" - 1/4"		0.3
3-4						0.3
5-11				Clayey with depth		
12-14			GC	CLAYEY GRAVEL, probable backfill, grayish brown (2.5Y 5/4), clay 30-40%, gravel and coarse 60-70%, clay moderate to high plasticity; average grain size of coarsest fraction 3/16"- 1/4"		0.3
15			ML	SANDY SILT, very dark grayish brown (2.5Y 3/2), silt 80-85%, fine sand 5-10%, minor clay 5-15%, relatively loose, moist		
16	VW-3,S-1	10	CL-CH	CLAY, very dark gray (2.5Y N3/0), clay 95-100%, moist, moderate to high plasticity, minor fine gravels not more than 5%		
17-21				Bottom of Boring = 15 feet		

REVIEWED BY R.G./C.E.G.

EXPLORATORY BORING LOG

EXCELTECH

PROJECT NAME: Profcient Fooods

BORING NO. VW-4A

DATE DRILLED: 5/29/90

PROJECT NUMBER: 330008-31

LOGGED BY: C.C.

DEPTH (ft.)	SAMPLE No.	BLOWS/FOOT	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVM READING ppm
				Asphalt		
1			S W	SAND, dark grayish brown (2.5Y 4/2), coarse sands to fine gravels 100%		0.0
2						
3						
4						
5						
6				Moister with depth		0.0
7						
8						
9						
10						
11			SC - GC	SANDY to GRAVELLY CLAY, dark grayish brown (2.5Y 4/2), moist, very sticky, clay 60-70%, coarse sand to fine gravel 30-40%		
12						
13						
14			C L	CLAY, dark yellowish brown (10YR 3/4), moderate plasticity, moist, clay 75-85%, silt to fine sand 10-20%, fine gravels not more than 5%		
15						
16	VW4A-S1					
17				Bottom of Boring = 15 feet		
18						
19						
20						
21						

REVIEWED BY R.G./C.E.G.

EXPLORATORY BORING LOG

EXCELTECH

PROJECT NAME: Proficient Foods

BORING NO. VW-4

DATE DRILLED: 5/29/90

PROJECT NUMBER: 330008-31

LOGGED BY: C.C.

DEPTH (ft.)	SAMPLE No.	BLOWS/FOOT	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVM READING ppm
1				Concrete		
2			S W	SAND, grayish brown (2.5Y 5/2), coarse sand 60-70%, medium sand 10-20%, rounded gravels 10-20%, maximum gravel size 1-1/4"		0.0
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13				Hit concrete at 15'; driller attempted to drill through concrete, but augers advanced only 2' and stopped. Abandoned boring; no sample taken; boring sealed.		
14						
15						
16				Bottom of Boring = 15 feet		
17						
18						
19						
20						
21						

REVIEWED BY R.G./C.E.G.

EXPLORATORY BORING LOG

EXCELTECH

PROJECT NAME: Profcient Foods

BORING NO. VW-5

DATE DRILLED: 5/30/90

PROJECT NUMBER: 330008-31

LOGGED BY: C.C.

DEPTH (ft.)	SAMPLE No:	BLOWS/FOOT	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVM READING ppm
0				Concrete		
1–4			S W	SAND, dark grayish brown (2.5Y 4/2), well-graded sand 75-80%, fine gravel 5-10; clay 10-20%, relatively loose, damp		0.0
5				More clayey with depth		0.0
6–8			G W	CLAYEY GRAVEL, dark grayish brown (2.5 Y 4/2), moderately plastic clay 20-30%, fine gravel 40-60%, relatively loose, damp, becoming more clayey with depth		1.9
9–10			G C	CLAYEY GRAVEL, dark grayish brown (2.5Y 4/2), moderate to low plasticity, clay 70-75%, gravel 10-15%, fine sand to silt 10-20%, damp		0.3
11						0.0
11–14			C L	SANDY CLAY, dark gray (2.5Y N4/0), moderate plasticity, sticky and cohesive clay 75-85%, medium to fine sand 15-25%, slightly moist		
15			CL-CH	CLAY, dark yellowish brown (10YR 4/4) cohesive, moderate to high plasticity, moist		
16	VW-5,S-1	8	C L	SANDY CLAY, dark yellowish brown (10YR 4/4), low plasticity clay 70-80%, medium to fine sand 20-30%, moist, not sticky or cohesive		0.0
17				Bottom of Boring = 15 feet		

REVIEWED BY R.G./C.E.G.

EXPLORATORY BORING LOG

EXCELTECH

PROJECT NAME: Proficient Foods

BORING NO. VW-6

DATE DRILLED: 5/29/90

PROJECT NUMBER: 330008-31

LOGGED BY: C.C.

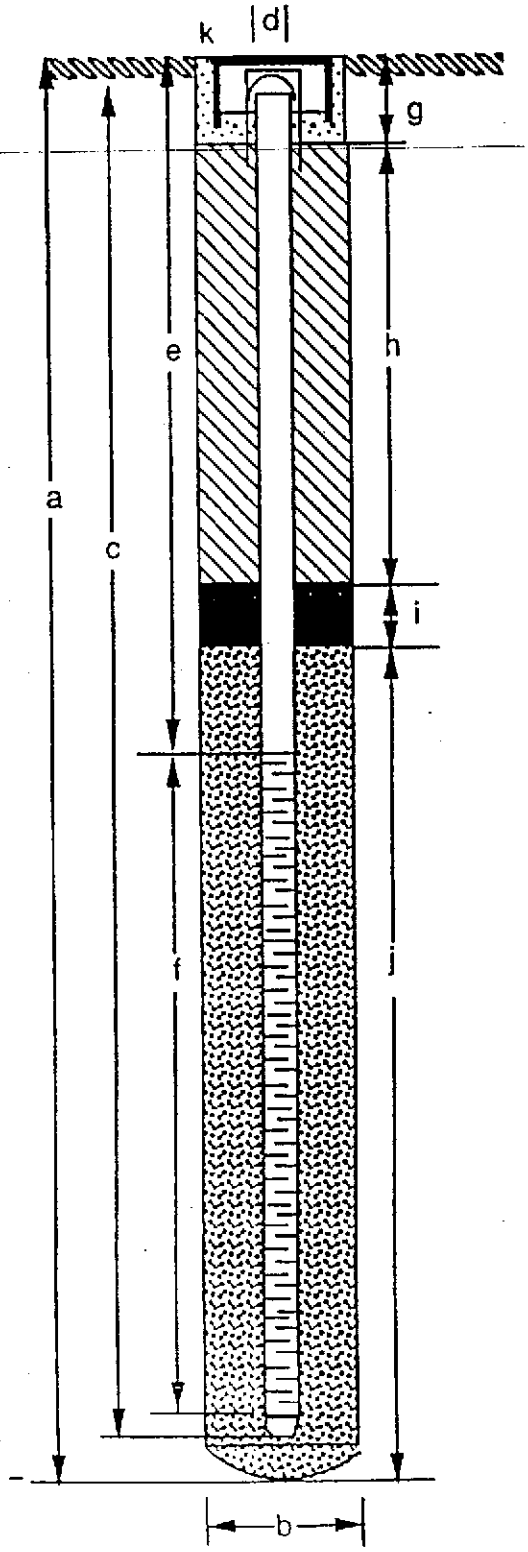
DEPTH (ft.)	SAMPLE No.	BLOWS/FOOT	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVM READING ppm
0				Concrete		
1-2			GC	CLAYEY GRAVEL, very dark grayish brown (2.5Y 3/2), coarse sand to fine gravel 60-70%, clay 30-40%, moderate to high plasticity		0.0
3-4			GC	CLAYEY GRAVEL, very dark grayish brown (2.5Y 3/2), coarse sand to fine gravel 70-80%, clay 20-30%, moderate to high plasticity		0.0
4-5						0.0
10-11			GC	CLAYEY GRAVEL, dark yellowish brown (10YR 3/4), coarse sand to fine gravel 70-80%, clay 20-30%, moderate to high plasticity, damp to slightly moist		0.0
15-16	VW-6,S-1	10	ML-CL	SILTY CLAY, dark yellowish brown (10YR 3/4), moist, silt 55-60%, clay 30-35%, rounded gravels and coarse sands 5-15%, maximum gravel size 1", average gravel size 3/16"		0.0
				Bottom of Boring = 15 feet		

REVIEWED BY R.G./C.E.G.

Monitoring Well Detail

PROJECT NUMBER 330008-31
PROJECT NAME Proficient Foods
COUNTY Alameda
WELL PERMIT NO. N A

BORING / WELL NO. VW-2
TOP OF CASING ELEV. N A
GROUND SURFACE ELEV. N A
DATUM N A



EXPLORATORY BORING

a. Total depth 15 ft.
b. Diameter 12 in.
Drilling method Hollow Stem Augers

WELL CONSTRUCTION

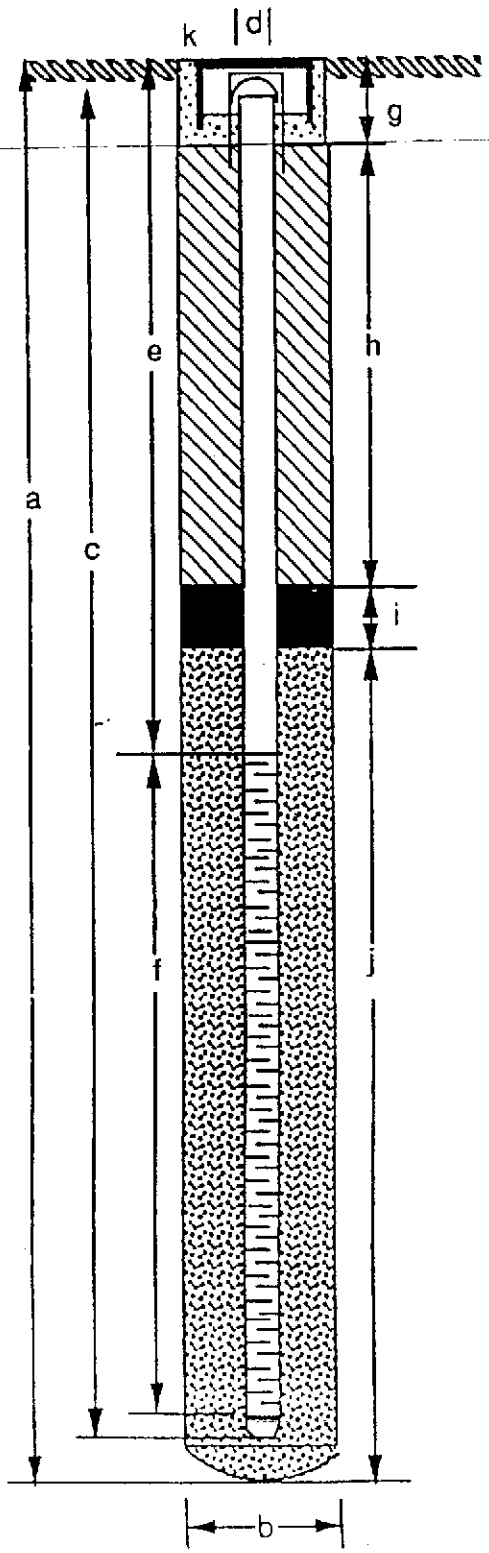
c. Casing length 14 ft.
Material Schedule 40 PVC
d. Diameter 2 in.
e. Depth to top perforations 9 ft.
f. Perforated length 5 ft.
Perforated interval from 14 to 9 ft.
Perforation type Machine Slot
Perforation size .020 in.
g. Surface seal 1 ft.
Seal material Concrete
h. Backfill 4 ft.
Backfill material Neat Cement Grout
i. Seal 1 ft.
Seal material Hydrated Bentonite Pellets
j. Gravel pack 9 ft.
Pack material #2/12 Lonestar Sand
k.

EXCELTECH

Monitoring Well Detail

PROJECT NUMBER 330008-31
PROJECT NAME Proficient Foods
COUNTY Alameda
WELL PERMIT NO. N A

BORING / WELL NO. VW-3
TOP OF CASING ELEV. N A
GROUND SURFACE ELEV. N A
DATUM N A



EXPLORATORY BORING

a. Total depth 15 ft.
b. Diameter 12 in.
Drilling method Hollow Stem Augers

WELL CONSTRUCTION

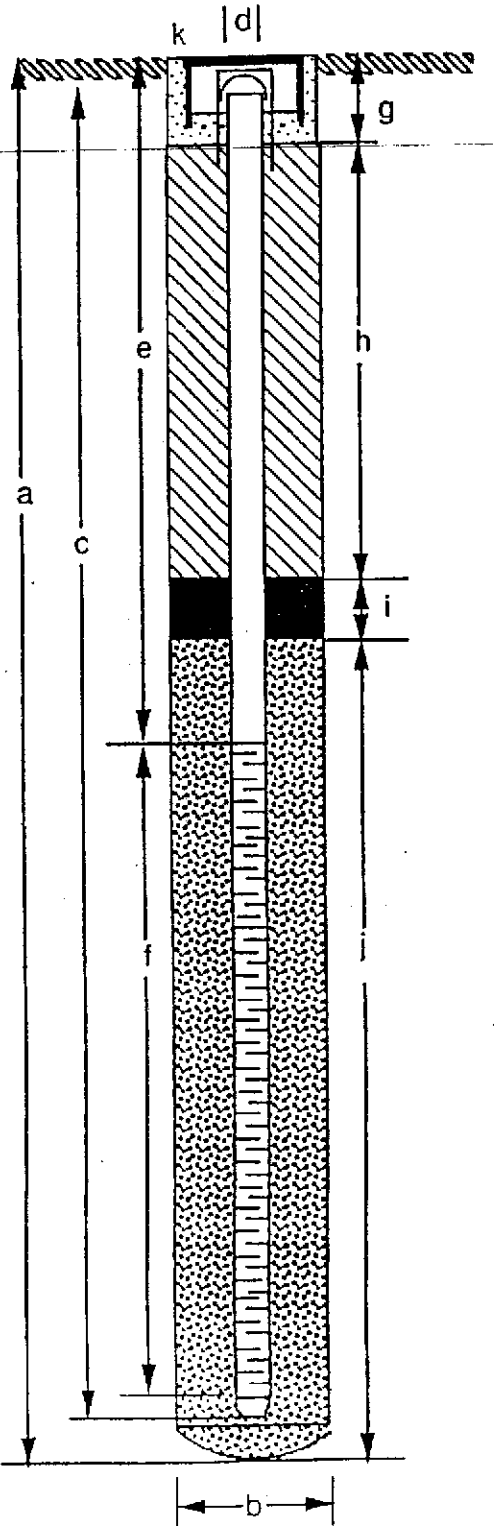
c. Casing length 14 ft.
Material Schedule 40 PVC
d. Diameter 2 in.
e. Depth to top perforations 9 ft.
f. Perforated length 5 ft.
Perforated interval from 14 to 9 ft.
Perforation type Machine Slot
Perforation size .020 in.
g. Surface seal 1 ft.
Seal material Concrete
h. Backfill 4 ft.
Backfill material Neat Cement Grout
i. Seal 1 ft.
Seal material Concrete
j. Gravel pack 9 ft.
Pack material #2/12/ Lonestar Sand

EXCELTECH

Monitoring Well Detail

PROJECT NUMBER 330008-31
PROJECT NAME Proficient Foods
COUNTY Alameda
WELL PERMIT NO. N A

BORING / WELL NO. VW-4A
TOP OF CASING ELEV. N A
GROUND SURFACE ELEV. N A
DATUM N A



EXPLORATORY BORING

a. Total depth 15 ft.
b. Diameter 12 in.
Drilling method Hollow Stem Augers

WELL CONSTRUCTION

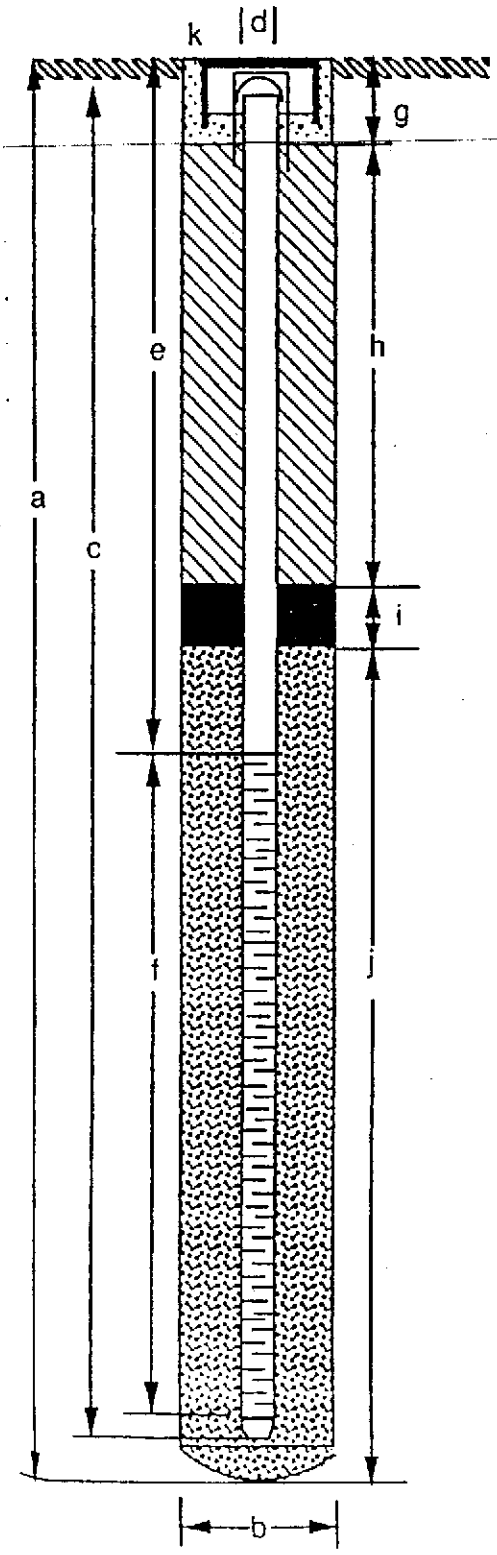
c. Casing length 15 ft.
Material Schedule 40 PVC
d. Diameter 2 in.
e. Depth to top perforations 10 ft.
f. Perforated length 5 ft.
Perforated interval from 15 to 10 ft.
Perforation type Machine Slot
Perforation size .020 in.
g. Surface seal 1 ft.
Seal material Concrete
h. Backfill 5 ft.
Backfill material Neat Cement Grout
i. Seal 1 ft.
Seal material Hydrated Bentonite Pellets
j. Gravel pack 8 ft.
Pack material # 2/12/ Lonestar Sand

EXCELTECH

Monitoring Well Detail

PROJECT NUMBER 330008-31
PROJECT NAME Proficient Foods
COUNTY Alameda
WELL PERMIT NO. N A

BORING / WELL NO. VW-5
TOP OF CASING ELEV. N A
GROUND SURFACE ELEV. N A
DATUM N A



EXPLORATORY BORING

a. Total depth 15 ft.
b. Diameter 12 in.
Drilling method Hollow Stem Augers

WELL CONSTRUCTION

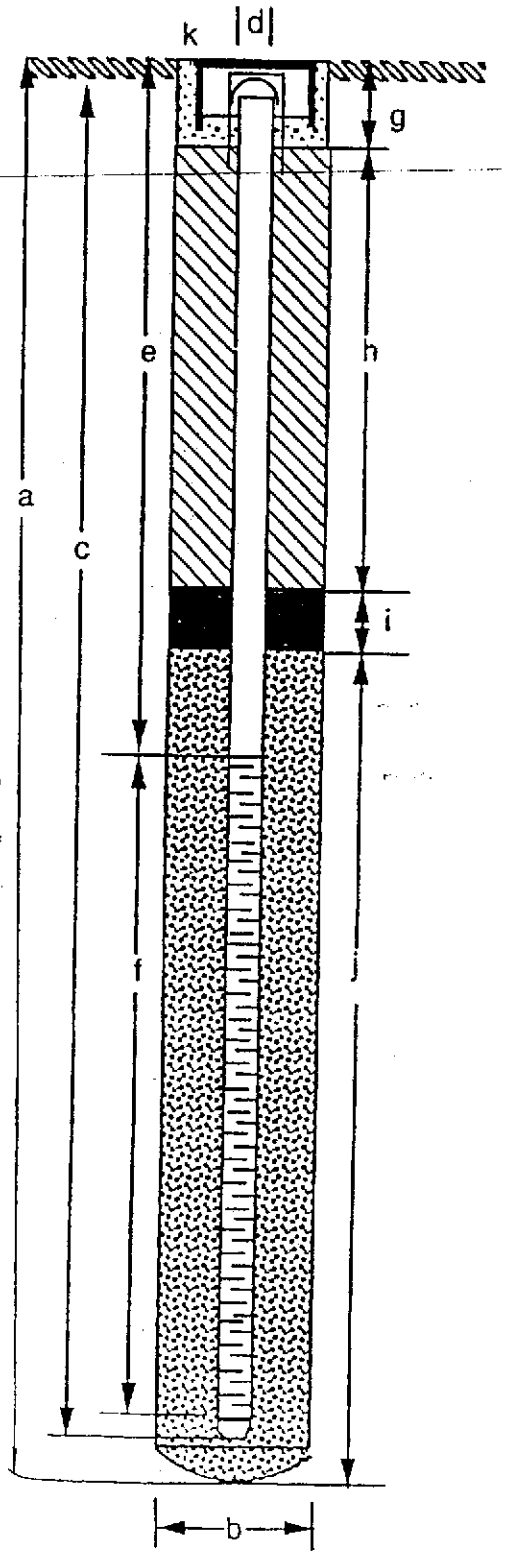
c. Casing length 14 ft.
Material Schedule 40 PVC
d. Diameter 2 in.
e. Depth to top perforations 9 ft.
f. Perforated length 5 ft.
Perforated interval from 14 to 9 ft.
Perforation type Machine Slot
Perforation size .020 in.
g. Surface seal 1 ft.
Seal material Concrete
h. Backfill 4 ft.
Backfill material Neat Cement Grout
i. Seal 1 ft.
Seal material Concrete
j. Gravel pack 9 ft.
Pack material #2/12 Lonestar Sand

EXCELTECH

Monitoring Well Detail

PROJECT NUMBER 330008-31
PROJECT NAME Profisient Foods
COUNTY Alameda
WELL PERMIT NO. N A

BORING / WELL NO. VW-6
TOP OF CASING ELEV. N A
GROUND SURFACE ELEV. N A
DATUM N A



EXPLORATORY BORING

a. Total depth 15 ft.
b. Diameter 2 in.
Drilling method Hollow Stem Augers

WELL CONSTRUCTION

c. Casing length 14 ft.
Material Schedule 40 PVC
d. Diameter 2 in.
e. Depth to top perforations 9 ft.
f. Perforated length 5 ft.
Perforated interval from 14 to 9 ft.
Perforation type Machine Slot
Perforation size .020 in.
g. Surface seal 1 ft.
Seal material Concrete
h. Backfill 4 ft.
Backfill material Neat Cement Grout
i. Seal 1 ft.
Seal material Concrete
j. Gravel pack 9 ft.
Pack material #2/12 Lonestar Sand

EXCELTECH