ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

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

April 20, 2012

Jeffrey Brown
(*Sent via E-mail to: Jeff.brown@safeway.com*)
Randall's Food & Drugs, LP
c/o Safeway, Inc.
5918 Stoneridge Mall Road
Pleasanton, CA 94588

Kevin Thompson
(*Sent via E-mail to: Kevin.thompson@safeway.com*)
Randall's Food & Drugs, LP
c/o Safeway, Inc.
5918 Stoneridge Mall Road
Pleasanton, CA 94588

Subject: Fuel Leak Case No. RO0002860 and GeoTracker Global ID T06019799610, Quest Laboratory, 6511 Golden Gate Drive, Dublin, CA 94568

Dear Messrs. Brown and Thompson:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. 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 soil contamination consisting of 7.4 mg/kg TPH-mo remains at the site.
- Case closure for this fuel leak site is granted for the current commercial land use only. If a modification to the existing structure or a change in land use to any residential or other conservative land use scenario is proposed at this site, Alameda County Environmental Health (AECH) must be notified as required by Government Code Section 65850.2.2. ACEH will re-evaluate the case upon receipt of approved development/construction plans.
- Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party (or current property owner/developer) prior to and during excavation and construction activities.

If you have any questions, please call Paresh Khatri at (510) 777-2478. Thank you.

Sincerely,

Donna L. Drogos, P.E.
Division Chief

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
(Sent via E-mail to:
CMccaulou@waterboards.ca.gov)

Closure Unit (w/enc)
State Water Resources Control Board
UST Cleanup Fund
P.O. Box 944212
Sacramento, CA 94244-2120
(*Sent via E-mail*)

Paresh Khatri (w/orig enc), D. Drogos (w/enc), T. Le-Khan (w/enc)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
OFFICE OF THE DIRECTOR
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502
(510) 567-6777
FAX (510) 337-9135

REMEDIAL ACTION COMPLETION CERTIFICATION

April 17, 2012

Jeffrey Brown
(*Sent via E-mail to: Jeff.brown@safeway.com*)
Randall's Food & Drugs, LP
c/o Safeway, Inc.
5918 Stoneridge Mall Road
Pleasanton, CA 94588

Kevin Thompson
(*Sent via E-mail to: Kevin.thompson@safeway.com*)
Randall's Food & Drugs, LP
c/o Safeway, Inc.
5918 Stoneridge Mall Road
Pleasanton, CA 94588

Subject: Fuel Leak Case No. RO0002860 and GeoTracker Global ID T06019799610, Quest Laboratory, 6511 Golden Gate Drive, Dublin, CA 94568

Dear Messrs. Brown and Thompson:

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 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

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

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

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code. Please contact our office if you have any questions regarding this matter.

Sincerely,

Ariu Levi
Director

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

I. AGENCY INFORMATION

Date: June 22, 2010

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 777-2478
Responsible Staff Person: Paresh Khatri	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Quest Laboratory		
Site Facility Address: 6511 Golden Gate Drive, Dublin, California 94568		
RB Case No.: NA	StID No.: NA	LOP Case No.: RO0002860
URF Filing Date: --	Global ID No.: T06019799610	APN: 941-1500-33

Responsible Parties	Addresses	Phone Numbers
Timothy Sharpe Biomedical Resources Corp Northern California c/o Smith Kline Beecham (Quest Diagnostic Clinical Laboratories, Inc.)	1201 S. Collegeville Road Collegeville, PA 19426	---
Jeffrey Brown Randall's Food & Drugs, LP c/o Safeway, Inc.	5918 Stoneridge Mall Road Pleasanton, CA 94588	---
Kevin Thompson Randall's Food & Drugs, LP c/o Safeway, Inc.	5918 Stoneridge Mall Road Pleasanton, CA 94588	---

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	2,000-gallon	Unknown	Removed	1989
---	---	---	---	---
---	---	---	---	---
Piping			Removed	1989

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown, UST intact upon removal.	
Site characterization complete? Yes	Date Approved By Oversight Agency: ---

Monitoring wells installed? Yes	Number: 3	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 14.55 ft bgs	Lowest Depth: 17.20 ft bgs	Flow Direction: Gradient is flat, but predominantly southeasterly
Most Sensitive Current Use: Potential drinking water source.		

Summary of Production Wells in Vicinity: Bureau Veritas contacted Zone 7 Water District for a records search of wells located within a one-quarter mile radius of the subject property (**Table 3**). The results from Zone 7 included a table listing 37 wells and a map of their plotted locations . The list included supply, monitoring, cathodic, destroyed, abandoned, and unknown use wells. The list included the three newly installed on-site wells. Bureau Veritas also conducted a visual survey of the adjoining commercial properties from public areas within a block radius of the subject property and no active wells were observed. The radius well search did not identify drinking water or other types of production wells within one-quarter mile of the subject property. In addition, no down-gradient groundwater monitoring wells were identified within the same search radius. Three up-gradient monitor wells (3S/1W M1, 3S/1W M2, and 3S/1W M3) were located to the west and southwest, between 470 and 800 feet up-gradient of the former UST location, on the vacant lot across Golden Gate Drive.

Are drinking water wells affected? No	Aquifer Name: East Bay Plain Groundwater Basin
Is surface water affected? No	Nearest SW Name: Unnamed creek located 1,200 feet east of the site.
Off-Site Beneficial Use Impacts (Addresses/Locations): None	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	One 2,000-gallon	Unknown, not reported	1989
Piping	Unknown	---	1989
Free Product	---	---	---
Soil	Unknown	---	---
Groundwater	---	---	---

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

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	<1.0 (1/23/04)	<1.0 (1/23/04)	5,100 (MW-2, 5/1/1996)	<50 (10/7/2009)
TPH (Diesel)	<1.0 (1/23/04)	<1.0 (1/23/04)	64,000 (Recharge, 9/28/99)	<50 (10/7/2009)
TPH (Motor Oil)[5]	7.4 (Q-14 @3.5-4', 1/23/04)	7.4 (Q-14 @3.5-4', 1/23/04)	<2,500 (Recharge, 9/28/99)	<300 (10/7/2009)
Benzene	<0.005 (1/23/04)	<0.005 (1/23/04)	<0.5 (12/19/03)	<0.50 (10/7/2009)
Toluene	<0.005 (1/23/04)	<0.005 (1/23/04)	<0.5 (12/19/03)	0.63 (10/7/2009)
Ethylbenzene	<0.005 (1/23/04))	<0.005 (1/23/04))	<0.5 (12/19/03)	<0.50 (10/7/2009)
Xylenes	<0.005 (1/23/04)	<0.005 (1/23/04)	<0.5 (12/19/03)	<0.50 (10/7/2009)
MTBE	<0.005[4] (1/23/04)	<0.005[3] (1/23/04)	<0.5[2] (12/19/03)	<0.5[1] (10/7/2009)
Heavy Metals (Cd, Cr, Pb, Ni, Zn)	16[6]	16[6]	7.6[7]	7.6[7]
Other (8240/8260)	NA	NA	NA	<0.5 (1/15/2009)

[1] Other VOCs analyzed (groundwater µg/L after cleanup): <0.5 µg/L MtBE, <2.0 µg/L TBA, <0.5 µg/L DIPE, <0.5 µg/L <0.5 µg/L ETBE, <0.5 µg/L TAME, <0.5 µg/L EDB, <0.5 µg/L 1.2-DCA
[2] Other VOCs analyzed (groundwater ppb before cleanup): <0.5 µg/L MtBE; TBA, DIPE, ETBE, TAME, EDB, 1.2-DCA, & EtOH not analyzed
[3] Other VOCs (Soil mg/kg after cleanup): TBA, DIPE, ETBE, TAME, EDB, 1.2-DCA not analyzed
[4] Other VOCs analyzed (Soil mg/kg before cleanup): <0.005 mg/kg MtBE; TBA, DIPE, ETBE, TAME, EDB, 1.2-DCA, & EtOH not analyzed
[5] TOG detected at 1,600 mg/kg in soil
[6] <1.5 mg/kg Cd, 32 mg/kg Cr, 16 mg/kg Pb, 44 mg/kg Ni, 71 mg/kg Zn
[7] <5.0 µg/L Cd, <5.0 µg/L Cr, <5.0 µg/L Pb, <5.0 µg/L Ni, <5.0 µg/L Zn
NA - Not Analyzed

Site History and Description of Corrective Actions:
The site is located at 6511 Golden Gate Drive in Dublin, California (**Figure 1**). The site is situated on the east site of Golden Gate Drive south of St. Patrick Way in Dublin. The site was developed as a biomedical laboratory in 1982. A 2,000 gallon gasoline underground storage tank (UST) was installed at the site in 1982 and removed in 1989. Low concentrations of petroleum hydrocarbons were detected in soil. However, groundwater sampling was not conducted at that time. The current layout of the property, along with the location of the previous tank excavation, is illustrated on **Figure 2**.

In January 2004, Clayton Group Services installed 14 borings to assess soil and groundwater conditions at the site as part of due diligence to facilitate a property transaction. Borings were placed along likely areas of potential contamination due to previous site activities which included former hazardous waste storage areas, floor drains, and the UST. Soil sample analytical results detected 7.4 mg/kg TPH-mo and groundwater sample analytical results detected 5,100 µg/L TPH-g and 64,000 µg/L TPH-d (weathered gas). Soil and groundwater analytical results are summarized on **Tables 1 and 2** and sampling locations are illustrated on **Figures 2 through 4.**

On January 6, 2009, Bureau Veritas (formerly Clayton Group Services) oversaw California Utility Surveys (CUS), a subsurface utility locating subcontractor, during the on-site survey. CUS cleared the proposed well locations of underground utilities prior to drilling the three proposed boreholes, which were later converted to groundwater monitoring wells MW-1 through MW-3. CUS, under the direction of Bureau Veritas, also conducted the preferential pathway survey, which included a general subsurface utility survey of the area around the former UST location (adjacent to the mid-north property boundary) extending to the east (down-gradient) property boundary. Two parking lot storm water drop inlets were observed in the survey area. CUS opened the storm drain inlet covers and the drainage pipeline connecting the storm water inlets was found to be at a depth of approximately 4.75 feet below grade surface (bgs). The pipeline run was traced using a snake

with a signal generator which was traced to the east and then to the north at the northeast corner of the property where it left the property (see Figure 5). No other suspect utilities or pathways were identified during this survey. Since the depth to groundwater was found to be greater than 15 feet bgs and the observed depth of the storm drain pipeline trench was only about 5 feet bgs, the utility does not appear to present a preferential pathway for the historic release of fuels.

On January 8, 2009, Vironex Environmental Field Services of Pacheco, California installed 3 borings at the site under the oversight of Bureau Veritas. The three boring locations were selected to further evaluate the residual petroleum hydrocarbons in groundwater detected in 2004 and to the east of the former UST location. Boring MW-1 was installed adjacent to and east of the former UST pit, MW-2 was installed at the northeast corner of the property in the proximity of the storm water pipeline where it leaves the property, and MW-3 was installed near a prior soil boring (Q-11) where a grab-groundwater sample collected in 2004 detected elevated concentrations of petroleum hydrocarbon, presumed to have been released to groundwater from the former UST system (see **Figure 5**). Groundwater elevation data is summarized on **Table 4** and groundwater sample analytical results are summarized on **Table 5**. Groundwater flow directions for January & October 2009 are illustrated on **Figures 6 and 7**.

Geology & Hydrogeology:
The site is located within the Livermore Valley Groundwater Basin in Alameda County, at an elevation of approximately 346 feet msl. An unnamed drainage canal is located approximately 0.41 milse to the east of the site.

According to Bureau Veritas, soils encountered in the soil borings generally consisted of brown to black silty clay, silt, and clayey silt to the total depth drilled of 25 feet bgs.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
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 significant risk to human health based upon current land use and conditions.		
Site Management Requirements: Case closure for this fuel leak site is granted for the current commercial land use only. If a modification to the existing structure or a change in land use to any residential or other conservative land use scenario is proposed at this site, Alameda County Environmental Health (AECH) must be notified as required by Government Code Section 65850.2.2. ACEH will re-evaluate the case upon receipt of approved development/construction plans. Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party (or current property owner/developer) prior to and during excavation and construction activities.		
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: 3
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: --		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

- Residual hydrocarbons in soil at concentrations of 7.4 mg/kg TPH-mo remain at the site.

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 under the current commercial land use based upon the information available in our files to date. No further investigation or cleanup for the fuel leak case is necessary unless a change in land use to any residential or other conservative land use scenario occurs at the site. ACEH staff recommend closure for the site.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Paresh Khatri	Title: Hazardous Materials Specialist
Signature: Paresh Khatri	Date: June 22, 2010
Approved by: Donna L. Drogos, P.E.	Title: Division Chief
Signature:	Date: 06/23/10

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
Notification Date:	

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: July 21, 2010	Date of Well Decommissioning Report: March 30, 2012	
All Monitoring Wells Decommissioned: No	Number Decommissioned: 3	Number Retained: Ø
Reason Wells Retained: NA		
Additional requirements for submittal of groundwater data from retained wells: None		
ACEH Concurrence - Signature: Paresh Khatri		Date: April 14, 2012

Attachments:

1. Site Figures 1 through 8
2. Analytical Tables 1 through 5
3. Boring Logs (6 pp)

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.

Khatri, Paresh, Env. Health

From: Cherie MCcaulou [CMccaulou@waterboards.ca.gov]
Sent: Wednesday, June 30, 2010 10:59 AM
To: Khatri, Paresh, Env. Health
Subject: Re: Fwd: RO0002860; Closure Summary for Quest Laboratory (T06019799610)

Paresh - Thanks for the notification. We have no objection to ACEH's recommendation for case closure of Case #RO02860 (Quest Laboratory).

Sincerely,

Cherie McCaulou
Engineering Geologist
San Francisco Bay Regional Water Quality Control Board
cmccaulou@waterboards.ca.gov
510-622-2342

>>> Cleet Carlton 6/24/2010 4:33 PM >>>
I have no cases that could be impacted by this. They're all upgradient and at significant distance.

Cleet Carlton, P.G.
Engineering Geologist
San Francisco Bay Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, California 94612
(510) 622-2374

>>> Cherie MCcaulou 6/24/2010 4:06 PM >>>
Do you have any objection to closing a UST case at 6511 Golden Gate Drive, Dublin?

Sincerely,

Cherie McCaulou
Engineering Geologist
San Francisco Bay Regional Water Quality Control Board
cmccaulou@waterboards.ca.gov
510-622-2342

>>> "Khatri, Paresh, Env. Health" <paresh.khatri@acgov.org> 6/24/2010 8:38 AM >>>
Hello Cherie,

Attached is a closure summary for RO0002860; Quest Laboratory located at 6511 Golden Gate Drive in Dublin to comply with the RWQCB's 30-day review period. If no comments from the RWQCB are received within the 30-day review period, ACEH's will proceed with case closure.

Please contact me should you have any comments or questions regarding the subject site.

Sincerely,

Paresh C. Khatri

Hazardous Materials Specialist
Alameda County Environmental Health
Local Oversight Program
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Phone: (510) 777-2478
Fax: (510) 337-9335

E-mail: Paresh.Khatri@acgov.org

http://www.acgov.org/aceh/lop/lop.htm

Map Source: TOPO!© 2000 National Geographic Holdings

Note: Boundaries and Location Information is Approximate

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

Portion of the 7.5-Minute Series Dublin, California
Quadrangle Topographic Map (Datum: NAD 83)
United States Department of the Interior
Geological Survey
1980 Photorevised from 1979

N

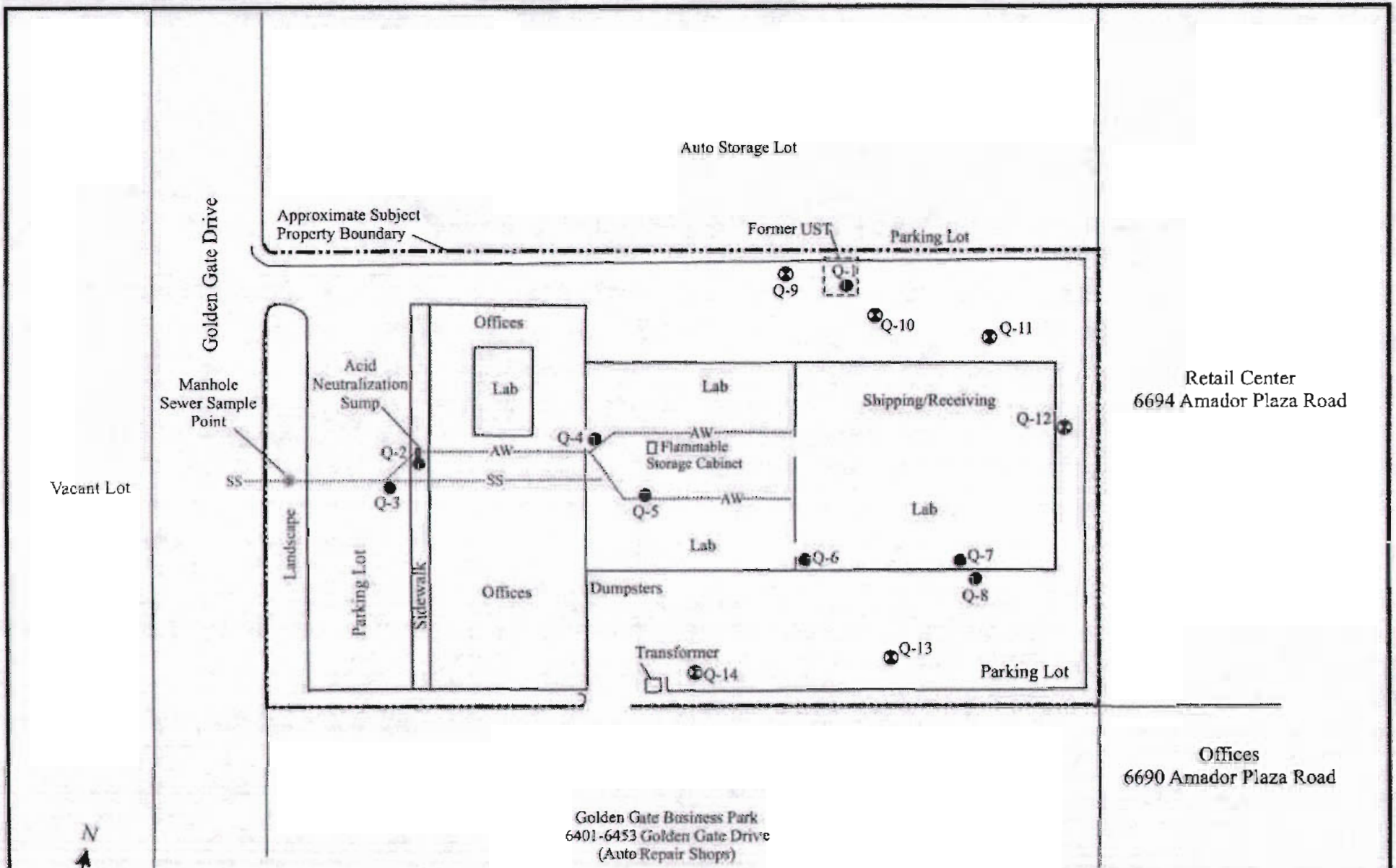
CALIF

QUADRANGLE LOCATION

PROPERTY LOCATION MAP
Former Quest Laboratory
6511 Golden Gate Drive
Dublin, California
Project No. 33108-008647.00

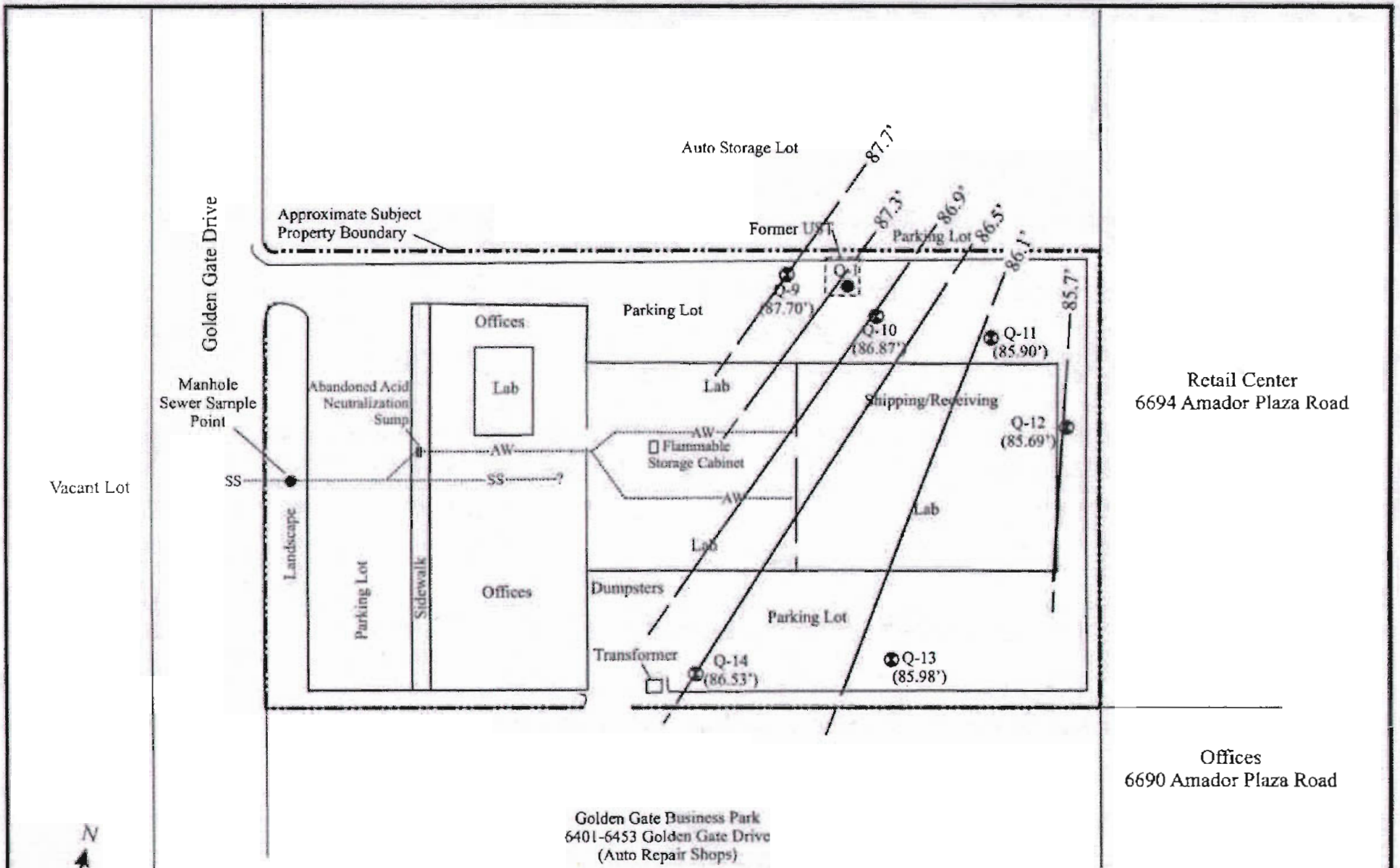
Figure
1

BUREAU VERITAS



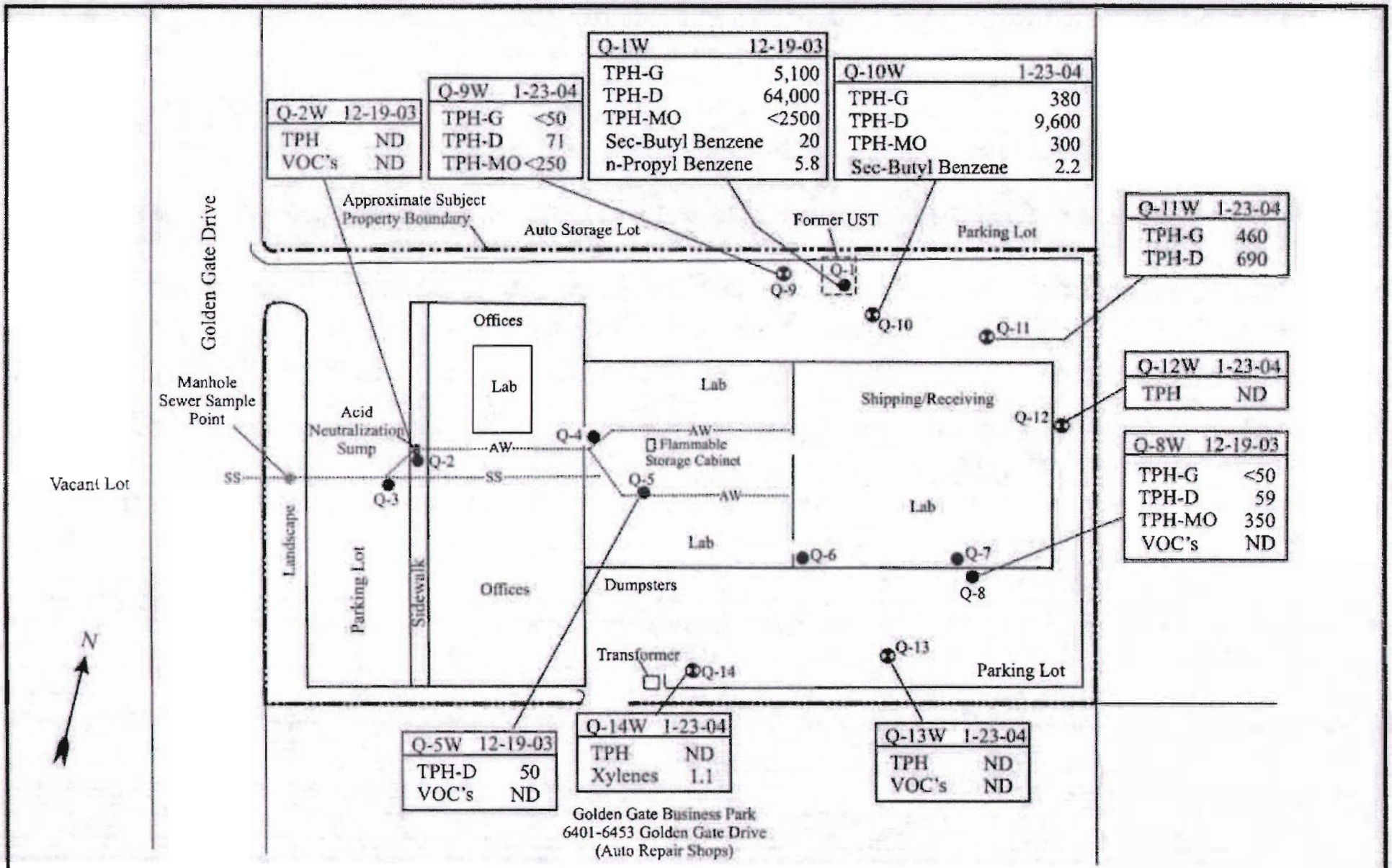
LEGEND		SITE PLAN WITH BOREHOLE LOCATIONS	FIGURE
AW	Acid Waste Sewer Line	Former Quest Laboratory 6511 Golden Gate Drive Dublin, California	2
SS	Sanitary Sewer Line		
Q-2 ●	Borehole/Sample Location 12-19-03		
Q-9 ⊗	Borehole/Sample Location 1-22-04	Clayton Project No. 70-04429.01	

Clayton GROUP SERVICES



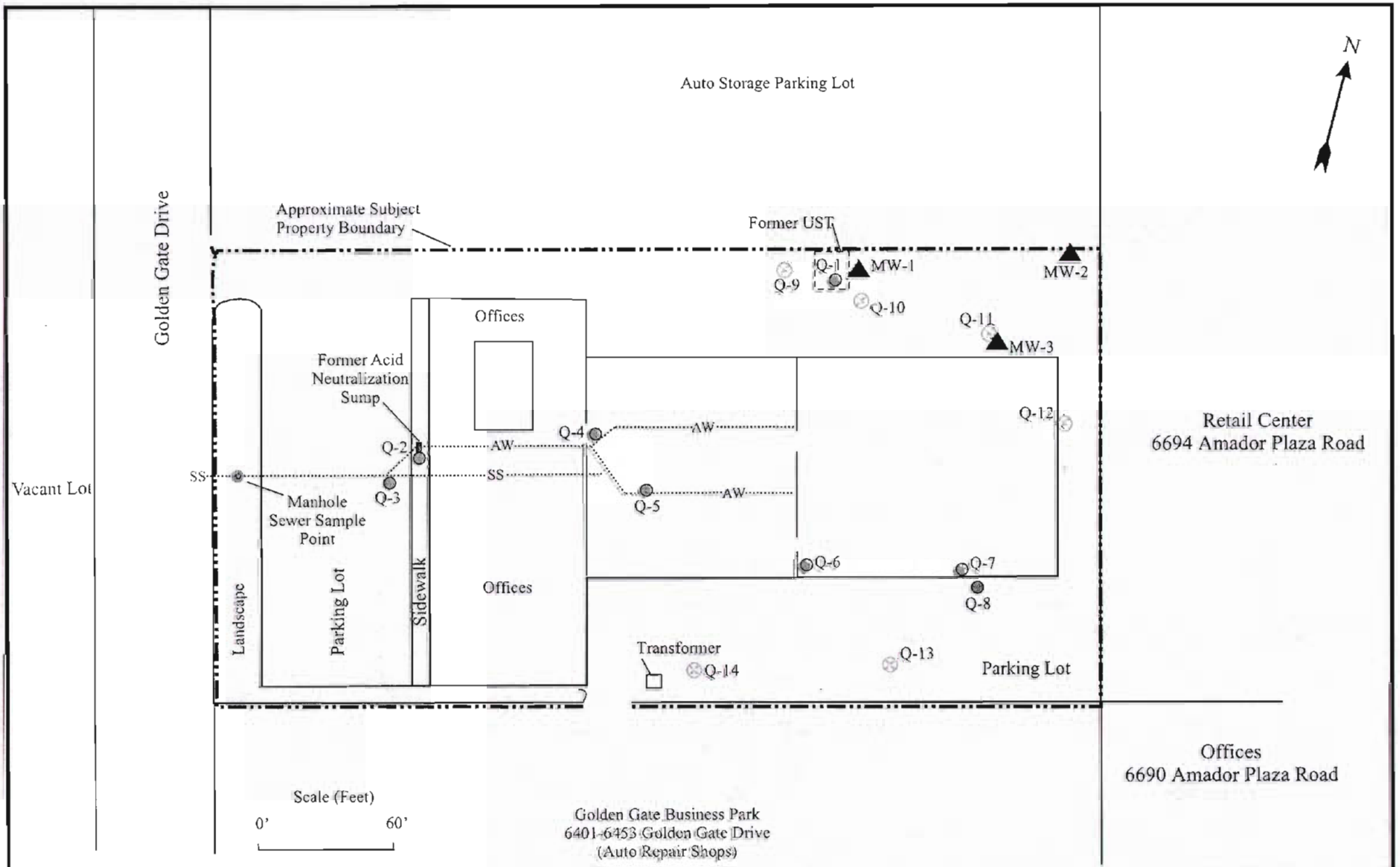
LEGEND		GROUNDWATER ELEVATION MAP	FIGURE
AW	Acid Waste Sewer Line	Former Quest Laboratory 6511 Golden Gate Drive Dublin, California Clayton Project No. 70-04429.01	3
SS	Sanitary Sewer Line		
Q-9 (87.70')	Borehole/Sample Location 1-22-04 Groundwater Elevations in Feet, Arbitrary Datum, Contours solid where know and dashed where approximate		

Clayton GROUP SERVICES



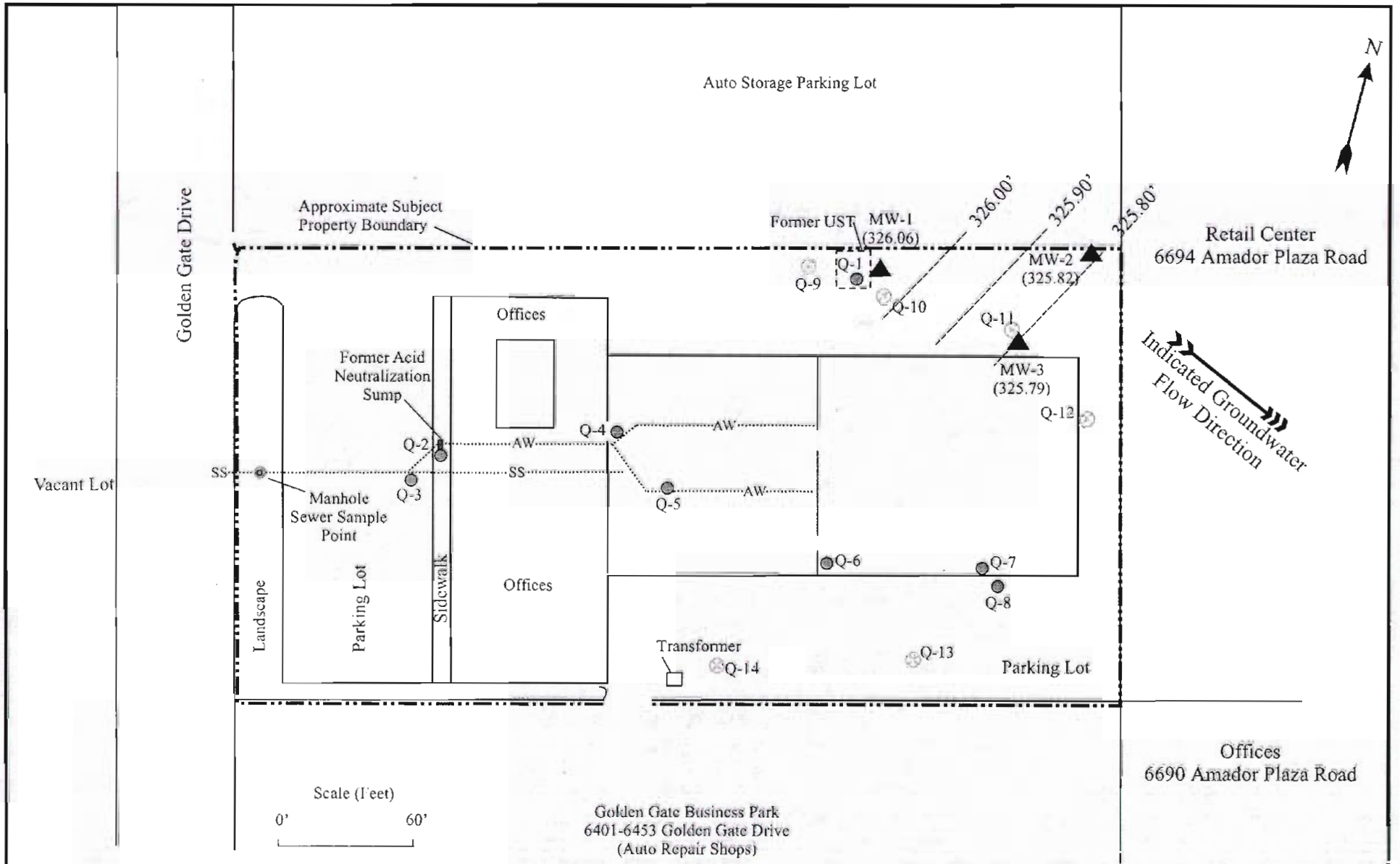
LEGEND		GROUNDWATER SAMPLE RESULTS	FIGURE
AW Acid Waste Sewer Line SS Sanitary Sewer Line Q-2 ● Borehole/Sample Location 12-19-03 Q-9 ⊠ Borehole/Sample Location 1-22-04	Q-5W 12-19-03 — Sample ID and Date Sampled TPH-D 50 — Analyte and concentration in micrograms per liter (ug/L) VOC's ND — Analyte ND = Not Detected	Former Quest Laboratory 6511 Golden Gate Drive Dublin, California Clayton Project No. 70-04429.01	4

Clayton GROUP SERVICES



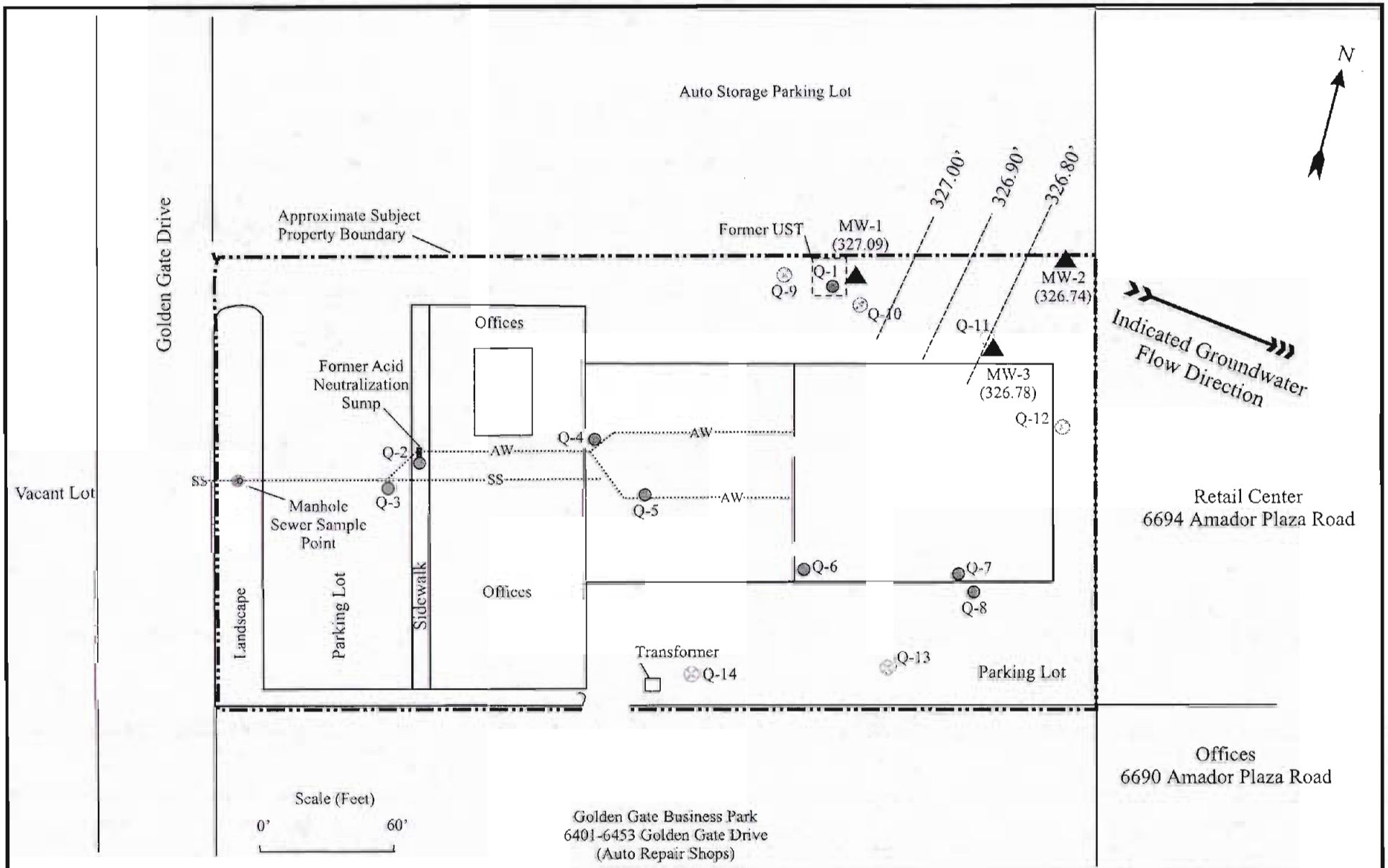
LEGEND	SITE PLAN WITH SAMPLE LOCATIONS	FIGURE
MW-1 Monitoring Well & ID, installed January 8, 2009 Q-2 Borehole/Sample Location 12-19-03 Q-9 Borehole/Sample Location 1-22-04 SS Sanitary Sewer Line AW Acid Waste Sewer Line	Former Quest Laboratory Randall Foods 6511 Golden Gate Drive Dublin, California Project No. 33108-008647.00	5

BUREAU VERITAS



LEGEND	GROUNDWATER ELEVATION MAP 10-7-2009	FIGURE
▲ Monitoring Well & ID with Groundwater Elevation in Feet (NGVD 29) 325.90 -------- Groundwater Elevation Contour for October 7, 2009 Q-2 ● Borehole/Sample Location 12-19-03 SS Sanitary Sewer Line Q-9 ○ Borehole/Sample Location 1-22-04 AW Acid Waste Sewer Line	Former Quest Laboratory Randall Foods 6511 Golden Gate Drive Dublin, California Project No. 33108-008647.00	7

BUREAU VERITAS



LEGEND	GROUNDWATER ELEVATION MAP 1-15-2009	FIGURE
▲ Monitoring Well & ID with Groundwater Elevation in Feet (NGVD 29) 326.90' ——— Groundwater Elevation Contour for January 15, 2009 Q-2 Borehole/Sample Location 12-19-03 SS Sanitary Sewer Line Q-9 Borehole/Sample Location 1-22-04 AW Acid Waste Sewer Line	Former Quest Laboratory Randall Foods 6511 Golden Gate Drive Dublin, California Project No. 33108-008647.00	8

BUREAU VERITAS

TABLE 1
Summary of Soil Analytical Results
Former Quest Laboratory, Dublin, CA

Analytical Method	Analyte	Units	Sample ID, Depth (Feet), & Date Q-1 11.5-12' 12/19/03	Q-2 7.5-8' 12/19/03	Q-3 11.5-12' 12/19/03	Q-4 8.5-9' 12/19/03	Q-5 8.5-9' 12/19/03	Q-5 12.5-13' 12/19/03	Q-6 2.5-3' 12/19/03	Q-7 2.5-3' 12/19/03
Total Petroleum Hydrocarbons (TPH) (EPA 8015M)	TPH-G	mg/Kg	<1.0	<1.0	--	--	--	--	--	--
	TPH-D	mg/Kg	<1.0	<1.0	--	--	--	--	--	--
	TPH-MO	mg/Kg	<5.0	<5.0	--	--	--	--	--	--
Volatile Organic Compounds (VOCs) (EPA 8260B)	Benzene	ug/Kg	<5.0	<5.0	<5.0	<5.0	--	<5.0	<5.0	<5.0
	Toluene	ug/Kg	<5.0	<5.0	<5.0	<5.0	--	<5.0	<5.0	<5.0
	Ethylbenzene	ug/Kg	<5.0	<5.0	<5.0	<5.0	--	<5.0	<5.0	<5.0
	Xylenes	ug/Kg	<5.0	<5.0	<5.0	<5.0	--	<5.0	<5.0	<5.0
	Fuel Oxygenates	ug/Kg	<5.0	<5.0	<5.0	<5.0	--	<5.0	<5.0	<5.0
Semi-Volatile Organic Compounds (EPA 8270D)		mg/Kg	--	ND	ND	ND	--	ND	ND	ND
Title 22 Metals (CAM 17)	Antimony	mg/Kg	--	<5.0	<5.0	<5.0	--	<5.0	<5.0	<5.0
	Arsenic	mg/Kg	--	**6.9**	**8.0**	**10**	--	**6.6**	**8.4**	**11**
	Barium	mg/Kg	--	**110**	**110**	**100**	--	**97**	**130**	**120**
	Beryllium	mg/Kg	--	<1.5	<1.5	<1.5	--	<1.5	<1.5	<1.5
	Cadmium	mg/Kg	--	<1.5	<1.5	<1.5	--	<1.5	<1.5	<1.5
	Chromium	mg/Kg	--	**36**	**47**	**41**	--	**45**	**44**	**46**
	Cobalt	mg/Kg	--	**9.4**	**8.2**	**15**	--	**6.6**	**26**	**13**
	Copper	mg/Kg	--	**24**	**32**	**24**	--	**24**	**27**	**31**
	Lead	mg/Kg	--	**8.6**	**8.7**	**10**	--	**9.8**	**10**	**16**
	Mercury	mg/Kg	--	<0.06	<0.06	<0.06	--	<0.06	<0.06	<0.06
	Molybdenum	mg/Kg	--	<1.5	<1.5	<1.5	--	<1.5	<1.5	<1.5
	Nickel	mg/Kg	--	**33**	**36**	**44**	--	**33**	**37**	**44**
	Selenium	mg/Kg	--	<5.0	<5.0	<5.0	--	<5.0	<5.0	<5.0
	Silver	mg/Kg	--	<1.5	<1.5	<1.5	--	<1.5	<1.5	<1.5
	Thallium	mg/Kg	--	<5.0	<5.0	<5.0	--	<5.0	<5.0	<5.0
	Vanadium	mg/Kg	--	**45**	**42**	**51**	--	**45**	**60**	**48**
	Zinc	mg/Kg	--	**49**	**65**	**65**	--	**57**	**63**	**71**
pH		Std Units	--	**7.22**	--	**7.01**	**7.43**	--	--	--

Notes:
mg/kg = milligrams per kilogram; ug/kg = microgram per kilogram
<x = Analyte not detected at or above detection limit of x.
-- = Not analyzed

TABLE 1
Summary of Soil Analytical Results
Former Quest Laboratory, Dublin, CA

Analytical Method	Analyte	Units	Sample ID, Depth (Feet), & Date: Q-10 11.5-12' 1/23/04	Q-13 3.5-4' 1/23/04	Q-14 3.5-4' 1/23/04	ESLs - Tbl A Commercial
Total Petroleum Hydrocarbons (TPH) (EPA 8015M)	TPH-G	mg/Kg	<1.0	<1.0	<1.0	100
	TPH-D	mg/Kg	<1.0	<1.0	<1.0	100
	TPH-MO	mg/Kg	<5.0	<5.0	7.4	1,000
Volatile Organic Compounds (VOCs) (EPA 8260B)	Benzene	ug/Kg	<5.0	<5.0	<5.0	44
	Toluene	ug/Kg	<5.0	<5.0	<5.0	2.9
	Ethylbenzene	ug/Kg	<5.0	<5.0	<5.0	3.3
	Xylenes	ug/Kg	<5.0	<5.0	<5.0	1.5
	Fuel Oxygenates	ug/Kg	<5.0	<5.0	<5.0	23 (MTBE)
Semi-Volatile Organic Compounds (EPA 8270D)		mg/Kg	--	--	--	Varies
Title 22 Metals (CAM 17)	Antimony	mg/Kg	--	--	--	40
	Arsenic	mg/Kg	--	--	--	5.5
	Barium	mg/Kg	--	--	--	1,500
	Beryllium	mg/Kg	--	--	--	8.0
	Cadmium	mg/Kg	--	--	--	7.4
	Chromium	mg/Kg	--	--	--	750 Cr3
	Cobalt	mg/Kg	--	--	--	80
	Copper	mg/Kg	--	--	--	230
	Lead	mg/Kg	--	--	--	750
	Mercury	mg/Kg	--	--	--	10
	Molybdenum	mg/Kg	--	--	--	40
	Nickel	mg/Kg	--	--	--	150
	Selenium	mg/Kg	--	--	--	10
	Silver	mg/Kg	--	--	--	40
	Thallium	mg/Kg	--	--	--	13
	Vanadium	mg/Kg	--	--	--	200
	Zinc	mg/Kg	--	--	--	600
pH		Std Units	--	--	--	

Notes:
ESLs = Environmental Screening Levels
(CA Regional Water Quality Control Board - July 2003)
Table A Shallow Soils, Groundwater is a drinking water source

TABLE 2
Summary of Groundwater Analytical Results
Former Quest Laboratory, Dublin, CA

Category	Chemical	Units	Sample ID & Date Q-1W 12/19/03	Q-2W 12/19/03	Q-5W 12/19/03	Q-8W 12/19/03	Q-9W 1/23/04	Q-10W 1/23/04	Q-11W 1/23/04	Q-12W 1/23/04	Q-13W 1/23/04	Q-14W 1/23/04	ESLs Table A
Total Petroleum Hydrocarbons	TPH-G	ug/L	**5,100**	<50	<50	<50	<50	**380**	**460**	<50	<50	<50	100
(EPA 8015M)	TPH-D	ug/L	**64,000**	<50	**50**	**59**	71	**9600**	**690**	<50	<50	<50	100
	TPH-MO	ug/L	<2500	<250	<250	**350**	<250	**300**	<250	<250	<250	<250	100
Volatile Organic Compounds	Benzene	ug/L	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	--	<0.5	<0.5	1.0
(EPA 8260B)	Toluene	ug/L	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	--	<0.5	<0.5	40
	Ethylbenzene	ug/L	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	--	<0.5	<0.5	30
	Xylenes	ug/L	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	--	<0.5	**1.1**	13
	Fuel Oxygenates	ug/L	<0.5	<0.5	<0.5	<0.5	--	<0.5	--	--	<0.5	<0.5	5 (MTBE)
	sec-Butyl benzene	ug/L	**20**	<0.5	<0.5	<0.5	--	**2.2**	--	--	<0.5	<0.5	NE
	n-Propyl benzene	ug/L	**5.8**	<0.5	<0.5	<0.5	--	<0.5	--	--	<0.5	<0.5	NE
Title 22 Metals (CAM17)	Antimony	mg/L	--	<0.006	<0.006	<0.006	--	--	--	--	--	--	0.006
	Arsenic	mg/L	--	<0.005	<0.005	<0.005	--	--	--	--	--	--	0.036
	Barium	mg/L	--	**0.080**	**0.091**	**0.100**	--	--	--	--	--	--	1.0
	Beryllium	mg/L	--	<0.005	<0.005	<0.005	--	--	--	--	--	--	0.0027
	Cadmium	mg/L	--	<0.005	<0.005	<0.005	--	--	--	--	--	--	0.0022
	Chromium	mg/L	--	<0.005	<0.005	<0.005	--	--	--	--	--	--	0.180 Cr3
	Cobalt	mg/L	--	<0.005	<0.005	<0.005	--	--	--	--	--	--	0.003
	Copper	mg/L	--	<0.005	<0.005	<0.005	--	--	--	--	--	--	0.0031
	Lead	mg/L	--	<0.005	<0.005	<0.005	--	--	--	--	--	--	0.0025
	Mercury	mg/L	--	<0.0008	<0.0008	<0.0008	--	--	--	--	--	--	0.000012
	Molybdenum	mg/L	--	<0.005	<0.005	<0.005	--	--	--	--	--	--	0.035
	Nickel	mg/L	--	**0.0076**	<0.005	<0.005	--	--	--	--	--	--	0.0082
	Selenium	mg/L	--	<0.005	<0.005	<0.005	--	--	--	--	--	--	0.005
	Silver	mg/L	--	<0.005	<0.005	<0.005	--	--	--	--	--	--	0.00019
	Thallium	mg/L	--	<0.005	<0.005	<0.005	--	--	--	--	--	--	0.002
	Vanadium	mg/L	--	<0.02	<0.02	<0.02	--	--	--	--	--	--	0.015
	Zinc	mg/L	--	<0.02	<0.02	<0.02	--	--	--	--	--	--	0.081
Ph (SW-9045C)		Std Units	7*	**6.97**	**7.11**	7*	--	--	--	--	--	--	NE

ug/L = micrograms per liter; mg/L = milligram per liter; Std Units = Standard units for pH, 0-14
<x = Analyte not detected at or above detection limit of x.
-- = Not analyzed
ESLs = Environmental Screening Levels (RWQCB 7-2003), Table A for groundwater as a potential drinking water source
NE = Not established
7* = pH field test using litmus paper accurate to single integer

TABLE 4
Groundwater Elevation Data
6511 Golden Gate Drive, Dublin, CA
Project No. 33108-0086470.00

Monitoring Well	Measurement Date	Top of Casing (TOC) Elevation * (ft) NGVD 29	Depth to Groundwater (ft) from TOC	Groundwater Elevation (ft)	Change from Previous Measurement (ft)
MW-1	1/15/2009	342.68	15.59	327.09	First Sampling
	4/16/2009		14.55	328.13	1.04
	7/31/2009		15.94	326.74	-1.39
	10/7/2009		16.62	**326.06**	-0.68
MW-2	1/15/2009	342.53	15.79	326.74	First Sampling
	4/16/2009		14.81	327.72	0.98
	7/31/2009		16.09	326.44	-1.28
	10/7/2009		16.71	**325.82**	-0.62
MW-3	1/15/2009	342.99	16.21	326.78	First Sampling
	4/16/2009		15.21	327.78	1.00
	7/31/2009		16.52	326.47	-1.31
	10/7/2009		17.20	**325.79**	-0.68

Legend

* = Well Casing survey conducted on January 28, 2009 by Virgil Chavez Land Surveying (Geotracker ID: T06019799610)

NGVD 29 = National Geodetic Vertical Datum - 1929

Well Screen intervals: 10' to 20' bgs (installed January 8, 2009).

TABLE 5
Summary of Groundwater Analytical Results - TPH and VOCs
6511 Golden Gate Drive, Dublin, CA
Project No. 33108-008647.00

Sample ID	Date	Units	TPH-g	TPH-d	TPH-mo	Aromatics BTEX	Oygenates: MTBE, TAME, DIPE, ETBE	Oxygenate TBA	EDB & 1,2-DCA	sec-Butyl benzene	4-Isobpropyl touene
MW-1	1/15/2009	ug/L	**99**	**89**	<250	< 0.5	< 0.5	< 2.0	< 0.5	**0.53**	<0.5
	4/16/2009	ug/L	< 50	< 50	<250	< 0.5	< 0.5	< 2.0	--	--	--
	7/31/2009	ug/L	< 50	< 50	<300	--	--	--	--	--	--
	10/7/2009	ug/L	< 50	< 50	<300	--	--	--	--	--	--
MW-2	1/15/2009	ug/L	<50	< 50	<250	< 0.5	< 0.5	< 2.0	< 0.5	<0.5	**0.62**
	4/16/2009	ug/L	<50	< 50	<250	< 0.5	< 0.5	< 2.0	--	--	--
	7/31/2009	ug/L	<50	< 50	<300	--	--	--	--	--	--
	10/7/2009	ug/L	<50	< 50	<300	--	--	--	--	--	--
MW-3	1/15/2009	ug/L	**140**	**85**	<250	< 0.5	< 0.5	< 2.0	< 0.5	<0.5	<0.5
	4/16/2009	ug/L	< 50	< 50	<250	< 0.5	< 0.5	< 2.0	--	--	--
	7/31/2009	ug/L	< 50	< 50	<300	--	--	--	--	--	--
	10/7/2009	ug/L	< 50	< 50	<300	--	--	--	--	--	--
ESLs - Tier 1 - Table A		ug/L	100	100	100	1	Varies	NE	Varies	NE	NE

Notes:
ug/L = micrograms per liter
TPH = Total Petroleum Hydrocarbons, compound range as gasoline (-g) by EPA Method 8015B
TPH = Total Petroleum Hydrocarbons, compound ranges as diesel (-d) and motor oil (-mo) by EPA Method 8015B with Silica Gel Cleanup
Aromatic volatiles = BTEX: benzene, toluene, ethylbenzene, and xylenes by EPA Method 8260B
Oxygenates: MTBE (methyl tert-butyl ether), TAME (tert-Amyl methyl ether), DIPE (Diisopropyl ether), & ETBE (Ethyl tert-butyl ether) by EPA Method 8260B
Oxygenate: TBA (Tert-butyl alcohol)
EDB & 1,2-DCA = Lead scavengers: ethylene dibromide & 1,2-dichloroethane
< 0.05 = Analyte concentration below the indicated laboratory reporting level
-- = Not Analyzed
NE = Not established
ESLs = Environmental Screening Level: Screening For Environmental Concerns At Sites with Contaminated Soil and Groundwater, RWQCB
Interim Final - November 2007; Table A: Groundwater (<3 meter bgs) is a potential source of drinking water

LOG OF MONITORING WELL

BUREAU VERITAS

Project No.:	33108-008647.00
Project Name:	Randall Foods
Location:	6511 Golden Gate Dr., Dublin, CA
Logged By:	J. Wilson

BORING NO. MW-1

Start Date:	1/8/2009	Start Time: 08:20	Elevation (ft, msl): N/A
Finish Date:	1/8/2009	Finish Time: 09:50	Boring Diameter (in) 3
Driller:	Vironex	Drill Method:	Direct Push
Hammer Weight:	N/A	Drop:	N/A
Borehole Completion Data:	See Well Construction		

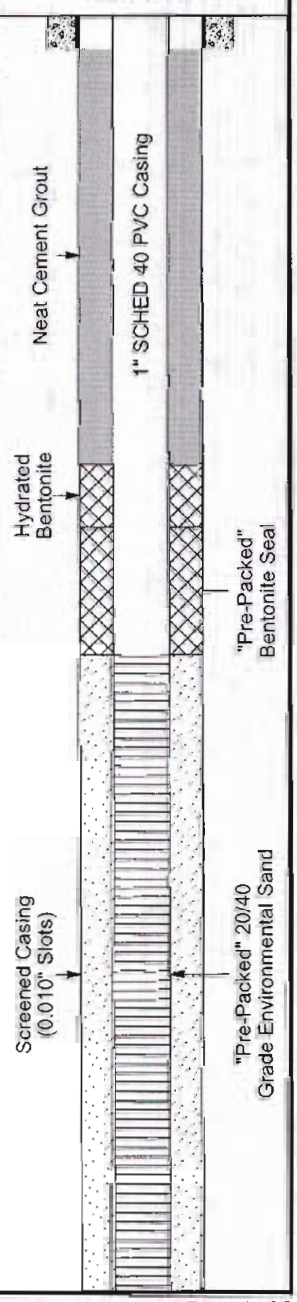
▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
▮ Sample Analyzed

Depth To ▽ (ft)	18.0	Depth To ▼ (ft)	15.21
Time:	09:32	Time:	12:55
Date:	01/08/09	Date:	01/08/09

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				0820	0				ASPHALT
					1			GP	SILTY GRAVEL brown, loose, dry, no odor
					2				SILTY CLAY brown/black, medium dense, damp, no odor (Fill?)
		3.5		0834	3				
	55		0.0		4				
					5			CL	trace gravel and rust-colored sand
					6				
		7.5		0845	7				
					8				increasing gravel content
	55		0.0		9				
					10				SILTY CLAY brown, medium dense, damp, no odor (Native?)
		11.5		0900	11				
					12				
					13				
	60		0.0		14				
					15			CL	▼ Groundwater: 15.21', 12:55, 01/08/09
		16.0		0910	16				
					17				wet, soft, with green discoloration and slight petroleum odor
					18				▽
					19				no discoloration, damp, medium dense
	48	19.5	1.3	0912					

WELL CONSTRUCTION

Flush Well Box



LOG OF MONITORING WELL

BUREAU VERITAS

Project No.: 33108-008647.00
Project Name: Randall Foods
Location: 6511 Golden Gate Dr., Dublin, CA
Logged By: J. Wilson

BORING NO. **MW-1**

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME			DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION	WELL CONSTRUCTION
X	48	24.5	0.0	0915			21 22 23 24 25			CL	SILTY CLAY brown, medium dense, damp, no odor	Blank Casing
							26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44				Bottom of boring at 25 feet bgs.	

BUREAU VERITAS

LOG OF MONITORING WELL

Project No.:	33108-008647.00
Project Name:	Randall Foods
Location:	6511 Golden Gate Dr., Dublin, CA
Logged By:	J. Wilson

BORING NO. MW-2

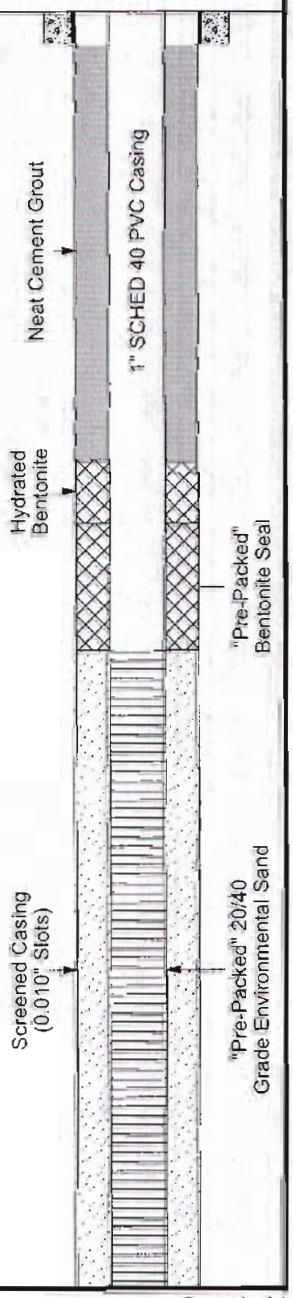
Start Date:	1/8/2009	Start Time: 11:53	Elevation (ft, msl): N/A
Finish Date:	1/8/2009	Finish Time: 12:45	Boring Diameter (in) 3
Driller:	Vironex	Drill Method:	Direct Push
Hammer Weight:	N/A	Drop:	N/A
Borehole Completion Data:	See Well Construction		

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
⊠ Sample Collected
▮ Sample Analyzed

Depth To ▽ (ft)	17.0	Depth To ▼ (ft)	19.19
Time:	12:20	Time:	14:10
Date:	01/08/09	Date:	01/08/09

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1153	0				ASPHALT
					1			GP	SILTY GRAVEL brown, loose, dry, no odor
									SILTY CLAY WITH GRAVEL black, dense, dry to damp, no odor
					2				
					3			CL	
					4				
	58	4.5	0.0	1205	5				
					6				CLAYEY SILT brown/black, trace organics/roots, medium dense, dry to damp, no odor
					7			ML	
					8				
	57	9.5	0.0	1210	9				
					10				SILT brown, medium dense, damp
					11				
					12			ML	
					13				
	56	14.5	0.4	1215	14				SILTY CLAY brown, medium dense, damp, no odor
					15				
					16				
		16.5	0.4	1218	17			CL	▽ wet, soft, no odor
					18				
					19				▼ Groundwater: 19.19', 14:10, 01/08/09 medium dense, damp
	52	19.5	0.0	1220					Bottom of boring at 20 feet bgs.

WELL CONSTRUCTION



LOG OF MONITORING WELL

BUREAU VERITAS

Project No.:	33108-008647.00
Project Name:	Randall Foods
Location:	6511 Golden Gate Dr., Dublin, CA
Logged By:	J. Wilson

BORING NO. MW-3

Start Date:	1/8/2009	Start Time: 10:10	Elevation (ft, msl): N/A
Finish Date:	1/8/2009	Finish Time: 11:20	Boring Diameter (in) 3
Driller:	Vironex	Drill Method:	Direct Push
Hammer Weight:	N/A	Drop:	N/A
Borehole Completion Data:	See Well Construction		

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
⊠ Sample Collected
■ Sample Analyzed

Depth To ▽ (ft)	16.5	Depth To ▼ (ft)	16.8
Time:	10:38	Time:	14:45
Date:	01/08/09	Date:	01/08/09

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1010					ASPHALT
					1			GP	SILTY GRAVEL brown, loose, wet, no odor
					2				SILTY CLAY black, dense, damp, no odor
					3				
					4			CL	
	55	4.5	0.0	1022	5	■			trace organics (roots)
					6				
					7				CLAYEY SILT black, trace gravel, medium dense, damp, no odor
					8				
					9			ML	
	57	9.5	0.0	1027	10	■			
					11				SILTY CLAY brown, damp, medium dense, no odor
					12				
					13				
					14				
	60	14.5	0.3	1033	15	■		CL	
					16				▼ wet, soft Groundwater: 16.8', 14:45, 01/08/09
		16.0	0.4	1038	17				green discoloration, petroleum odor
					18				
					19				damp, medium dense
	48	19.5	0.5	1040		■			Bottom of boring at 20 feet bgs.

WELL CONSTRUCTION

Flush Well Box