76 Broadway
Sacramento, California 95818

RECEIVED

2:09 pm, Mar 03, 2011
Alameda County
Environmental Health

March 1, 2011

Ms. Barbara Jakub
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502

Re: **Annual Monitoring Summary Report Transmittal**
Fourth Quarter 2010
76 Service Station No. 0018
6201 Claremont Ave
Oakland, California

RO# 0243

Dear Ms. Jakub:

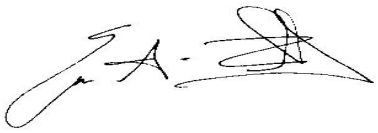
I declare under penalty of perjury that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

If you have any questions or need additional information, please call:

Ted Moise (Contractor)
ConocoPhillips
Risk Management & Remediation
76 Broadway
Sacramento, CA 95818

Phone: (510) 245-5162
Fax: (918) 662-4480
Ted.Moise@contractor.conocophillips.com

Sincerely,



Eric G. Hetrick
Site Manager
Risk Management & Remediation

Attachment

ANNUAL SUMMARY REPORT

Fourth Quarter 2010

76 Service Station No. 0018
6201 Claremont Ave
Oakland, CA

Antea Group Project No. C1Q0018010

March 1, 2011

Prepared for:
ConocoPhillips
76 Broadway
Sacramento, CA 95818

Prepared by:
Antea™Group
11050 White Rock Road
Suite 110
Rancho Cordova, CA
95670

Antea USA, Inc.

Antea Group
11050 White Rock Road, Suite 110
Rancho Cordova, California 95670
www.anteagroup.com

March 1, 2011

Ms. Barbara Jakub
Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, California 94502-6577

RE: **ANNUAL SUMMARY REPORT**
FOURTH QUARTER 2010
76 Service Station No. 0018
6201 Claremont Ave
Oakland, CA
AOC 1062
RO# 0243

Dear Ms. Jakub:

Due to global rebranding, as of January 5, 2011 Delta Consultants has become Antea Group. Any work performed of reports submitted prior to this date will still be referenced using the Delta name.

On behalf of ConocoPhillips (COP), Antea Group is forwarding the semi-annual summary report for the above referenced location.

Sincerely,

ANTEA™GROUP

James B. Barnard
Project Manager
California Registered Professional Geologist #7478

REGISTERED PROFESSIONAL GEOLOGIST
JAMES B. BARNARD
No. 7478
Expires: 9/12
GEOLOGY
STATE OF CALIFORNIA

Cc: Mr. Terry Grayson – ConocoPhillips (electronic copy only)

Inogen

1.0 SITE BACKGROUND

1.1 PREVIOUS ASSESSMENT ACTIVITIES

March 1997 Kaprealian Engineering Inc. (KEI) collected nine soil and one grab groundwater sample during UST and product line replacement activities. One soil sample collected from the UST excavation contained 2.6 milligrams per kilograms (mg/kg) of total petroleum hydrocarbons as gasoline (TPHg). Another soil sample collected from beneath a dispenser island contained 1.4 mg/kg TPHg, 0.012 mg/kg benzene, and 1.4 mg/kg methyl tert butyl ether (MTBE). The groundwater sample collected from the UST excavation contained 6,100 micrograms per liter (µg/L) of TPHg and 54 µg/L benzene. (KEI, 1997)

March 1998 Tosco was issued a Notice of Responsibility by Alameda County Health Care Services (ACHCS).

July 2000 Gettler-Ryan Inc. (GR) installed three groundwater monitoring wells (MW-1 through MW-3) to depths of 30 feet below ground surface (bgs). Five soil samples were collected from the borings for the wells. Sample MW-1-25.5, from a depth of 25.5 foot bgs, contained 19 mg/kg of TPHg and 0.018 mg/kg of benzene. Initial groundwater samples contained low (≤120 micrograms per liter (ug/l)) concentrations of TPHg, benzene, and MTBE.

November 2000 A quarterly monitoring program, utilizing the three on-site monitoring wells (MW-1 through MW-3), was initiated. (GR, 2000)

October 2003 Site environmental consulting responsibilities were transferred to TRC.

January 2006 TRC completed a *No Further Action Required Report – Request for Closure*.

April 2006 TRC completed a sensitive receptor survey.

October 2007 Site environmental consulting responsibilities were transferred to Delta Consultants.

1.2 SENSITIVE RECEPTORS

A sensitive receptor survey for the site was conducted in April 2006. According to the Department of Water Resources (DWR) records, no water supply wells are located within a one-half mile radius of the site (TRC, 2006).

1.3 REMEDIATION STATUS

Remediation is not currently being conducted at the site.

2.0 MONITORING AND SAMPLING

The groundwater monitoring well network, consisting of three on-site monitoring wells, was been monitored and sampled on a quarterly basis between fourth quarter 2000 and first quarter 2009. Following the first quarter 2009 sampling event, the monitoring and sampling frequency of wells at this site was reduced to semi-annual, to be conducted during the first and third quarters. As of Second Quarter 2010, sampling has been discontinued at this site, but the wells will be monitored only on an annual basis during fourth quarter.

During the most recent groundwater monitoring event, conducted on December 21, 2010, no sampling was conducted, but the three wells were monitored. Reported depth to groundwater ranged from 17.04 feet below top of casing (TOC) in MW-1 to 18.48 feet below TOC in MW-2. Average groundwater elevation increased 1.86 feet from the last time the wells were monitored (3/17/10). A copy of TRC's *Groundwater Monitoring Data & Figure 1 &2 – October through December 2010*, has been included as Attachment A.

Groundwater gradient and flow direction during fourth quarter 2010 were interpreted to be 0.008 feet per foot (ft/ft) to the southwest. This is inconsistent with a gradient and flow direction of 0.02 ft/ft to the south during the previous sampling event (3/17/10). This is, however, consistent with historical groundwater flow directions which trend predominantly to the southwest.

A historical groundwater flow rose diagram is included as Attachment B.

3.0 RECENT CORRESPONDENCE

- Received email correspondence from ACEH dated April 28, 2010, stating that Delta perform groundwater monitoring only during the 4th quarter of the year until tanks are pulled.

4.0 FOURTH QUARTER 2010

- TRC performed the annual monitoring event on December 21, 2010, and prepared their results in *Groundwater Monitoring Data & Figure 1 &2 – October through December 2010*, dated January 5, 2011.

5.0 FIRST QUARTER 2011

- TRC will perform the annual monitoring event, and prepare an annual groundwater monitoring report.
- Antea will prepare and submit an annual summary report.

6.0 REMARKS

The descriptions, conclusions, and recommendations contained in this report represent Antea Group's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. For any reports cited that were not generated by Antea Group, the data from those reports is used "as is" and is assumed to be accurate. Antea Group does not guarantee the accuracy of this data for the referenced work performed nor the inferences or conclusions stated in these reports. This report is based upon a specific scope of work requested by the client. The Contract between Antea Group and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were conducted. This report is intended only for the use of Antea Group's Client and anyone else specifically listed on this report. Antea Group will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea Group makes no express or implied warranty as to the contents of this report.

CONSULTANT: ANTEA GROUP

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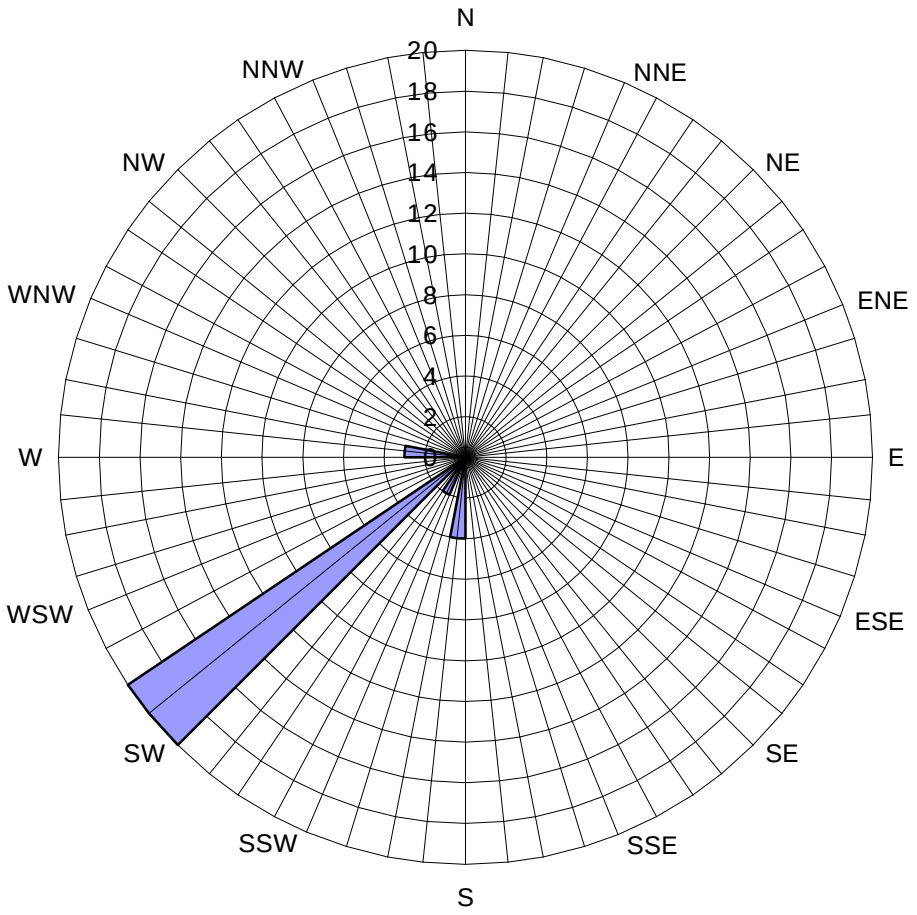
Attachment A – Groundwater Monitoring Data & Figure 1 & 2 – October through December 2010
Attachment B – Historical Groundwater Flow Direction Rose Diagram

ATTACHMENT A

Historical Groundwater Flow Direction Rose Diagram

Historic Groundwater Flow Directions
Site No. 0018
6201 Claremont Avenue
Oakland, California



Legend
Concentric circles represent quarterly montoring events.
Third Quarter 2000 through Fourth Quarter 2010.
29 data points shown.

ATTACHMENT B

Groundwater Monitoring Data & Figure 1 & 2 – October through December 2010

123 Technology Drive West
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: January 5, 2011

TO: ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. TED MOISE

SITE: 76 STATION 0018
6201 CLAREMONT AVENUE
OAKLAND, CALIFORNIA

RE: GROUNDWATER MONITORING DATA & FIGURE 1 & 2
OCTOBER THROUGH DECEMBER 2010

Dear Mr. Moise:

Please find enclosed the Groundwater Monitoring Data for 76 Station 0018, located at 6201 Claremont Avenue, Oakland, California. If you have any questions, please call us at (949) 727-9336.

Sincerely,

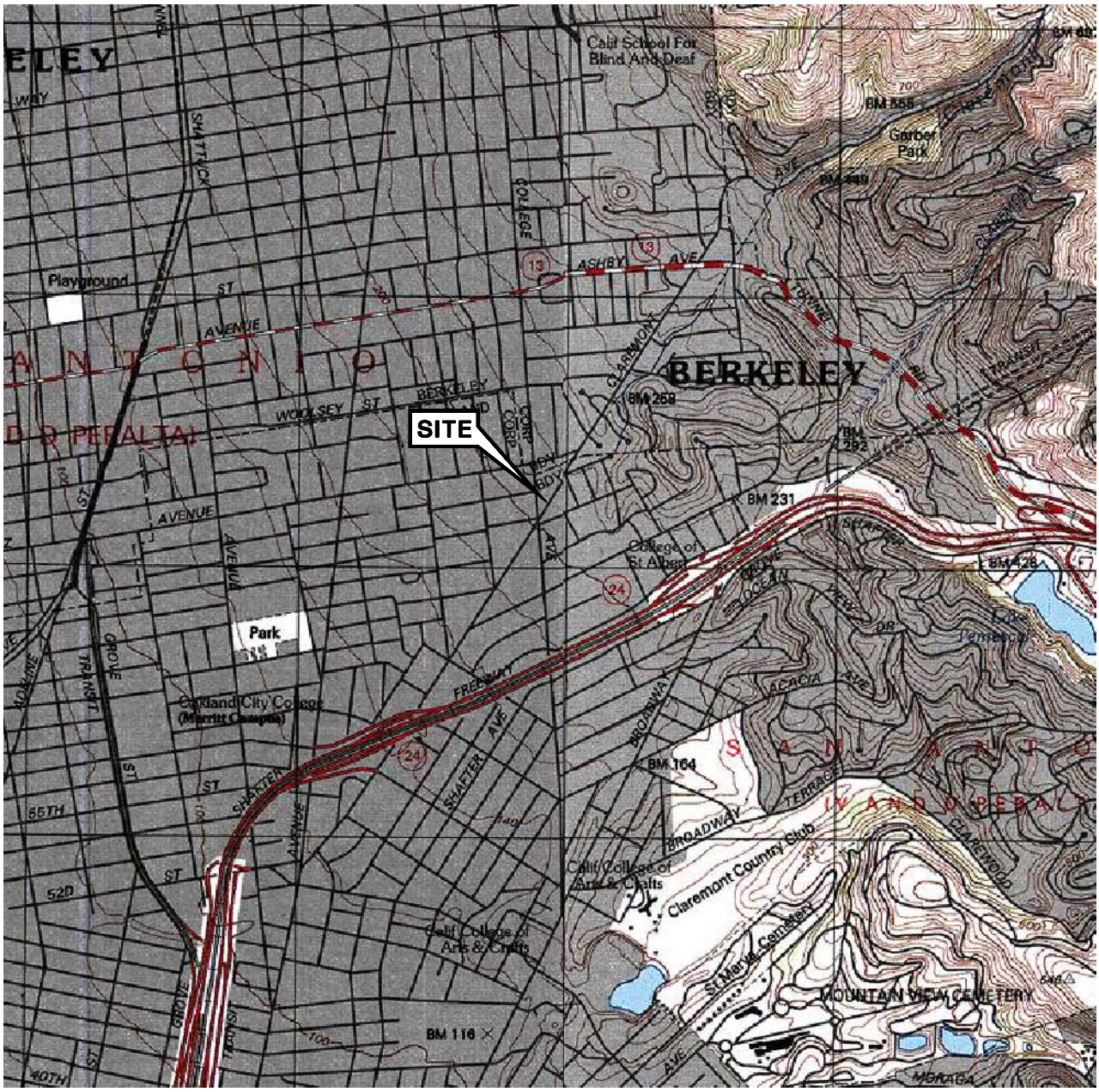
TRC

Dennis Jensen
Senior Project Geologist

PROFESSIONAL GEOLOGIST
DENNIS E. JENSEN
No. 3531
STATE OF CALIFORNIA

CC: Mr. James Barnard, Delta Consultants (4 copies)

Enclosures
20-0400/0018R25.QMS



N

SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Oakland East & Oakland West
Quadrangle

0 1/4 1/2 3/4 1 MILE

SCALE 1: 24,000

TRC

76 STATION 0018
6201 CLAREMONT AVENUE
OAKLAND, CALIFORNIA

VICINITY MAP

FIGURE 1

PS=1:1 L:\QMS VICINITY MAPS\0018VM.DWG Feb 23, 2010 – 2:54pm bschmidt

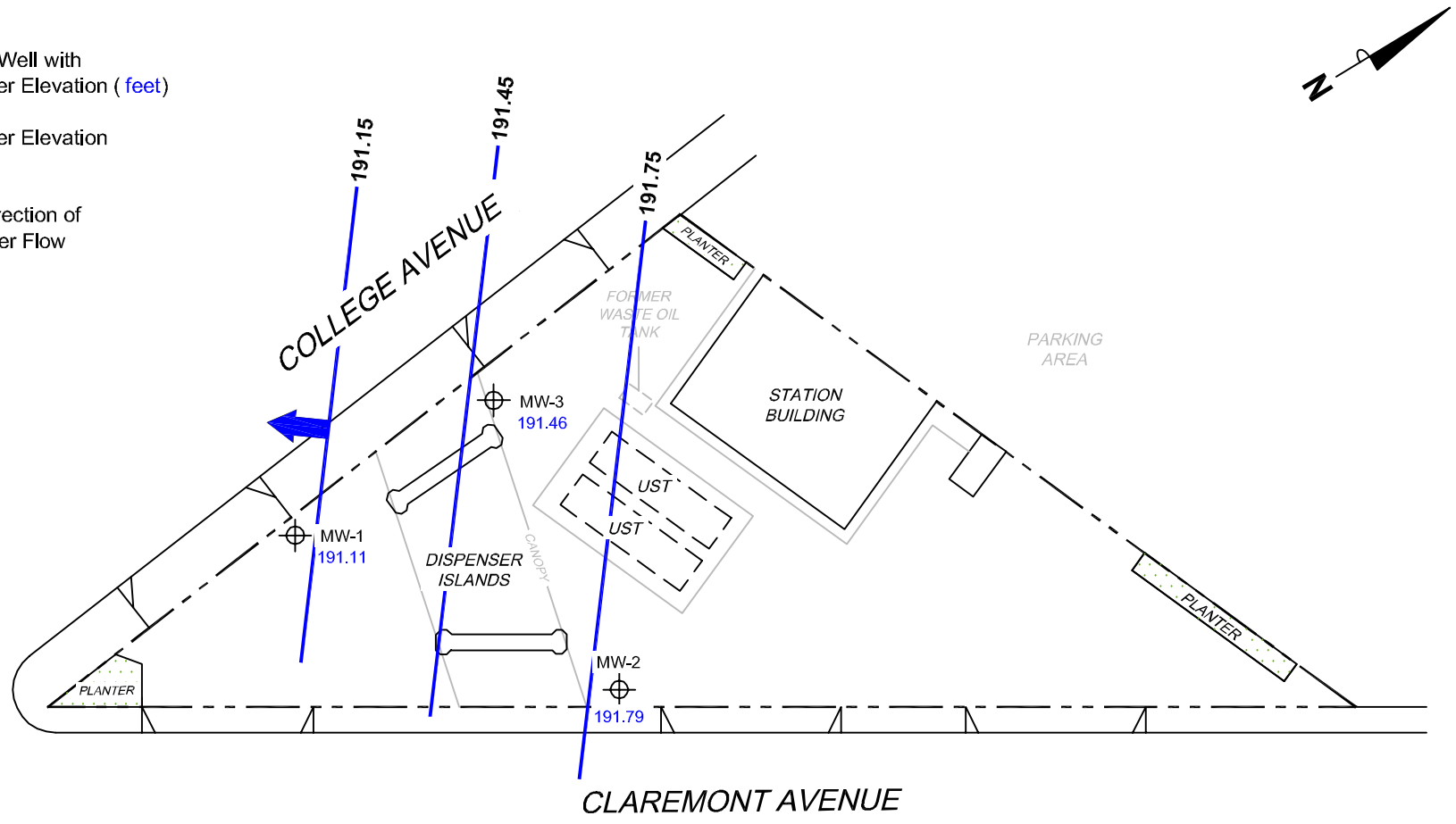
MS=1:40 0018-003 L:\Graphics\QMS NORTH-SOUTH\x-0000\0018+\0018-QMS-(GW-Fig-1).DWG Jan 07, 2011 - 9:04am bschmidt

LEGEND

MW-3 ⊕ Monitoring Well with Groundwater Elevation (feet)

191.75 — Groundwater Elevation Contour

General Direction of Groundwater Flow



SCALE (FEET)

0 40

NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank.

TRC

PROJECT: 173845

FACILITY:
76 STATION 0018
6201 CLAREMONT AVENUE
OAKLAND, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP
December 21, 2010

FIGURE 2

FIELD MONITORING DATA SHEET

Technician: A. Vidrers Job #/Task #: 173845/FA20 Date: 12/21/10

Site # 0018 Project Manager A. Collins Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-3	✓	0538	30.26	17.52	—	—	N/S	2"
MW-2	✓	0543	29.57	18.48	—	—	N/S	2"
MW-1	✓	0548	29.81	17.04	—	—	N/S	2"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC