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2:17 pm, Jul 24, 2007
Alameda County
Environmental Health

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818
phone 916-558-7600
fax 916-558-7639

July 23, 2007

Mr. Barney Chan
Supervising Hazardous Materials Specialist
Alameda County Environmental Health Services
1131 Harbor Bay Parkway
Alameda, California 94502

RE: Sensitive Receptor Survey

76 Station No. 7176
7850 Amador Valley Boulevard
Dublin, California

Dear Mr. Chan,

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

Please feel free to contact me if you have any questions or require additional information.

Respectfully,

Bill Borgh
Site Manager – Risk Management and Remediation

Attachment

July 24, 2007

Mr. Barney Chan
Alameda County Health Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Re: Sensitive Receptor Survey
76 Station No. 7176
7850 Amador Valley Boulevard
Dublin, California



Dear Mr. Chan:

This report has been prepared by Delta Environmental Consultants (Delta) on behalf of ConocoPhillips Company (ConocoPhillips). The sensitive receptor survey was completed to identify all water supply wells within a one-mile radius of the site and sensitive receptors within 1,000 feet from the site referenced above (Figure 1).

METHODS

The survey entailed a visit to the California Department of Water Resources (DWR) office in Sacramento to examine well log records and a site visit to identify any sensitive receptors within the survey area.

FINDINGS

Water Well Survey: DWR well log records were reviewed in order to determine the location of any water-supply wells in the vicinity of the subject site. Using the DWR well logs, a total of 28 water supply wells were identified as being within a one-mile radius of the subject site. Water supply well locations located within the survey area are shown on Figure 2. Historically the groundwater flow direction at the site has been towards the southeast. Historical groundwater flow directions are shown on Figure 3. The closest down-gradient well is a cathodic protection well located approximately 0.8 miles southeast of the site. The closest water supply well is a domestic well located approximately 0.4 miles southwest of the site. The data for wells within the survey area are presented in Table 1.

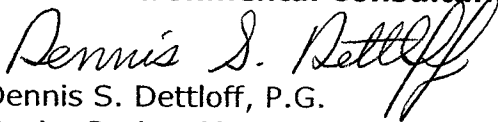
Other wells located in the vicinity of the site include monitoring wells and wells whose associated DWR logs contained inadequate information to establish their precise location and/or well type.

Sensitive Receptor Survey: A field survey was completed to identify any sensitive receptors within a 1,000 foot survey area. No schools, daycare centers, hospitals, or churches acting as a potential school or daycare facility were identified within the survey area. In addition, no nursing homes were identified within 1,000 feet of the site.

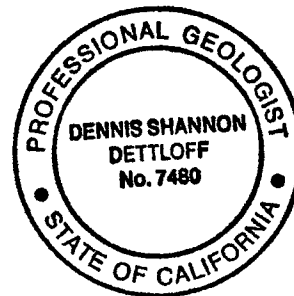
Bodies of Water: No bodies of water were identified within 1,000 feet of the site.

Please call Dennis Dettloff at (916) 503-1261 if you have any questions regarding the contents of this report.

Sincerely,
Delta Environmental Consultants, Inc.



Dennis S. Dettloff, P.G.
Senior Project Manager
California Registered Professional Geologist No. 7480



cc: Mr. William Borgh – ConocoPhillips (electronic copy)

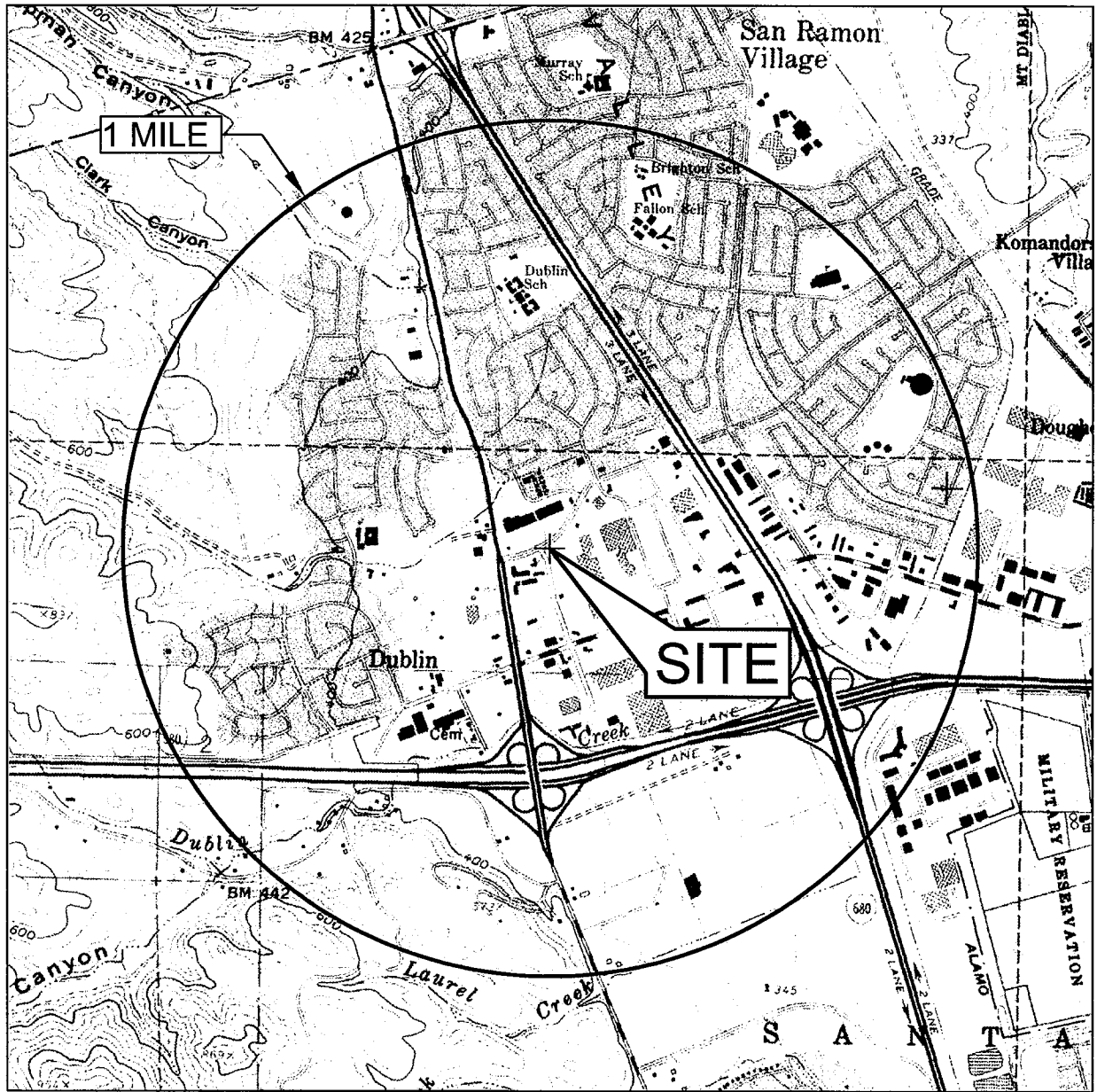
Figures:

Figure 1	Site Locator Map
Figure 2	Water Supply Well Location Map
Figure 3	Historical Groundwater Flow Directions

Table:

Table 1	Water Supply Well Data
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Figures



0 1000 FT 2000 FT
 SCALE: 1 : 24,000



FIGURE 1
 SITE LOCATOR SENSITIVE RECEPTOR
 MAP

76 STATION NO. 7176
 7850 AMADOR VALLEY BOULEVARD
 DUBLIN, CALIFORNIA

PROJECT NO. C107-176	DRAWN BY MC 10/12/06
FILE NO. Site Locator 7176	PREPARED BY MC
REVISION NO.	REVIEWED BY



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP, DUBLIN QUADRANGLE, 1967

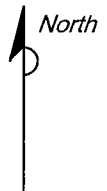
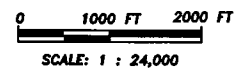
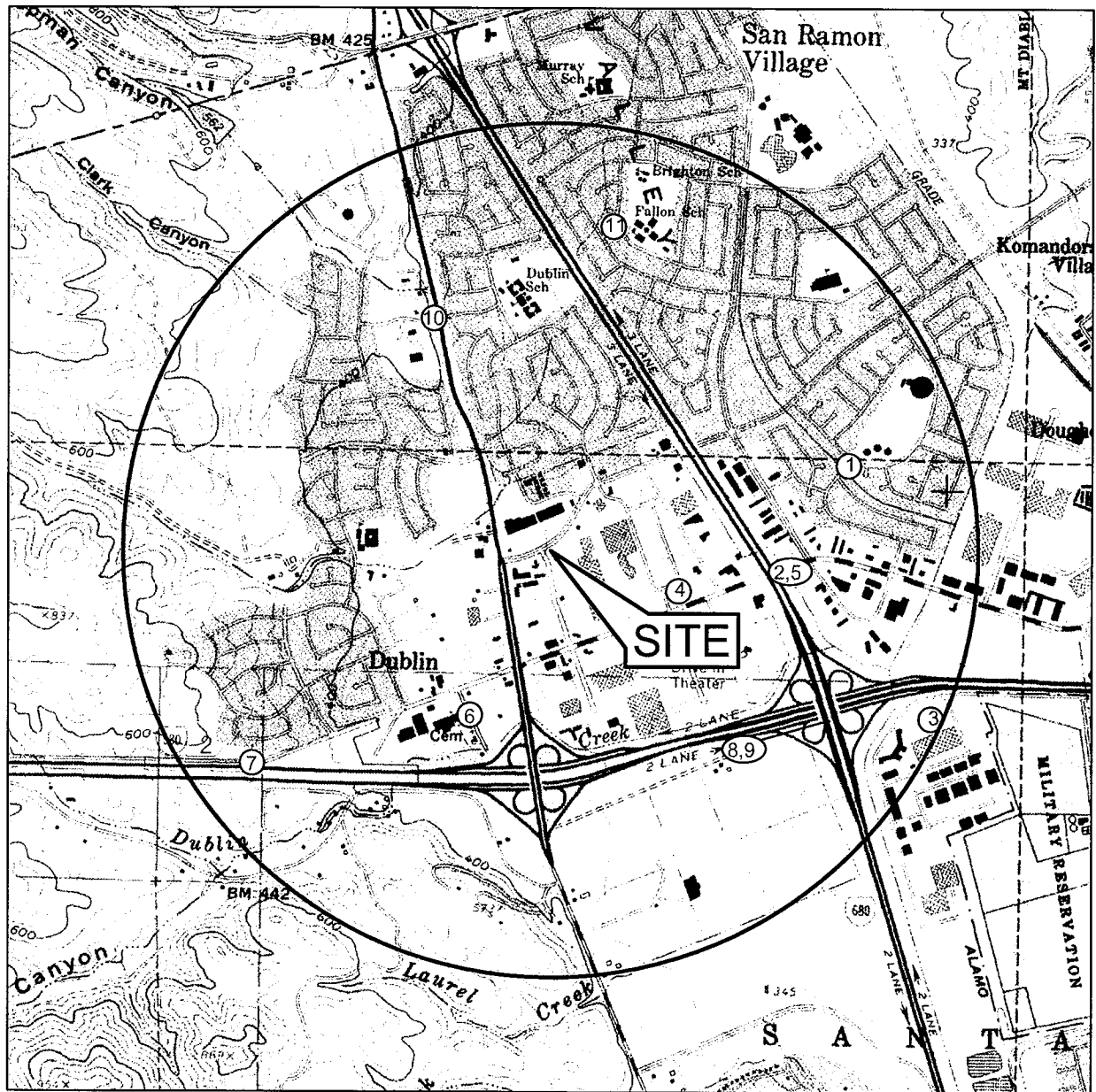


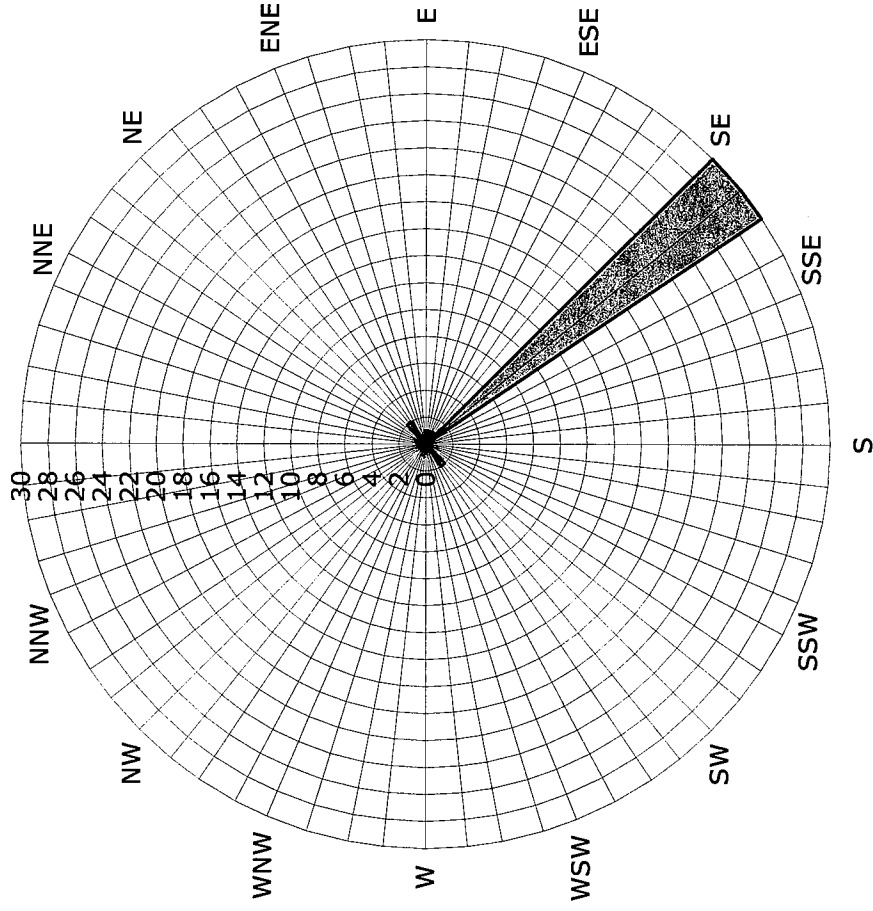
FIGURE 2
SITE LOCATOR SENSITIVE RECEPTOR
MAP

76 STATION NO. 7176
 7850 AMADOR VALLEY BOULEVARD
 DUBLIN, CALIFORNIA

PROJECT NO. C107-176	DRAWN BY JH 12/12/06
FILE NO. Site Locator 7176	PREPARED BY JH
REVISION NO.	REVIEWED BY

SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP, DUBLIN QUADRANGLE, 1967

Historic Groundwater Flow Directions
ConocoPhillips Site No. 7176
 7850 Amador Valley Boulevard
 Dublin, California



Groundwater Flow Direction

Legend
 Concentric circles represent
 quarterly monitoring
 events
 Fourth Quarter 1995
 through First
 Quarter 2007

Table

Table 1

One-Mile Agency Receptor Survey
 ConocoPhillips Station No.7176
 7850 Amador Valley Boulevard, Dublin, California

DWR ¹ Well No.	Address	City	State	Zip	Owner	Well Type	Distance from Site (miles)	Direction Relative to Site
1-	Maple Dr. (flood control channel and York Dr.)	Dublin	CA		Alameda County Flood Control	Test Well/Other	0.7	NE
2-	Village Parkway at Dublin Blvd.	Dublin	CA		Valley Community Service District	Municipal	0.7	E
3-	SW corner of I-880 and I-680	Dublin	CA		Livermore-Amador Valley Management Agency	Catholic protection	0.8	SE
4-	100' N of Dublin Blvd., 4000 ft E of San Ramon Rd.	Dublin	CA		Volk-McLain Co.	Domestic	0.9	SW
5-	Dublin Blvd. at Village Parkway	Dublin	CA		Valley Community Service District	Municipal	0.7	E
6-	6600 Donlon Way	Dublin	CA		Dublin Historical	Domestic	0.4	SW
7-	10728 Dublin Rd.	Dublin	CA	94566	Pacific Construction & Engineering	Domestic	0.8	SW
8-	Dublin Canyon Rd (3/4 mi from Foothill and 580)	Dublin	CA		Walter Panganiiban	Domestic (dry hole)	1.0	SW
9-	Dublin Canyon Rd (3/4 mi from Foothill and 580)	Dublin	CA		Walter Panganiiban	Domestic	1.0	SW
10-	11000 Shannon Ave	Dublin	CA		City of Dublin	Irrigation	0.7	NW
11-	Aldea St. at Larkdale Ave.	Dublin	CA		Volk-McLain Communities, Inc.	Domestic	0.8	NE
² 12-	Walnut Creek Rd. to Niessen Ranch	Dublin	CA		J.R. Cronin	Livestock		
² 13-	2000' E of San Ramon Rd., 100' North Country Club Rd	Dublin	CA		Volk-McLain Communities, Inc.	Municipal		
² 14-	Dublin Canyon Rd.	Dublin	CA		Banke			
² 15-	1 mi E of Dublin Blvd., 0.3 mi down N Walnut Creek Rd	Dublin	CA		R. Banke	Irrigation		
² 16-	1 mi up Foothill Rd. from San Ramon Valley Blvd.	Dublin	CA		Ron Stacey	Domestic		
² 17-	Old Dublin Rd. parcel 44624	Dublin	CA		Caltrans	Test Well		
² 18-	Old Dublin Rd. west of Foothill 1 mile				Livermore-Amador Valley Management Agency			
² 19-	From Dublin S 1 mile Foothill Rd. to Mexican Camp							
² 20-	West end of Stoneridge Ave. west of Hopyard Rd.				R.M. Wing	Irrigation		
² 21-	Foothill, section 12, SW corner				Livermore-Amador Valley Management Agency			
² 22-	Rt. 1, Box 450, Foothill Road (Highway 21)		CA		Mills			
² 23-	500' E of Foothill Road	Dublin	CA		Ralph E. Merritt	Irrigation		
² 24-	Section 2, SE quarter	Dublin	CA		Lance Woods	Domestic		
² 25-	Section 2, SW quarter	Dublin	CA		Joe Martin			
² 26-	Section 2, SE quarter	Dublin	CA		Jim Nutt			
² 27-	Section 2, SE quarter	Dublin	CA		Joe Martin			
² 28-	Section 2	Dublin	CA		Roy Neidt			
	Section 2	Dublin	CA		Cohee	Domestic		

DWR: Department of Water Resources

¹ Well Locations shown on Figure 1.

² Specific address cannot be located on map.