DRAFT
Additional Interim Remedial Investigation Report

21 October 2006

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LIST OF ACRONYMS
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Agreement	Administrative Settlement Agreement
APE	American Promotional Events – West
COCs	constituents of concern
DOT	Department of Transporation
DTSC	California Department of Toxic Substances
Emhart	Emhart Industries Inc.
ELAP	Environmental Laboratory Accreditation Program
ENVIRON	Environ International Corporation
GeoSyntec	GeoSyntec Consultants
GLA	GeoLogic Associates
Goodrich	Goodrich Corporation
GWTS	Ground Water Treatment System
IDW	investigation-derived waste
K-packer	dual packer
MVSL	Mid-Valley Sanitary Landfill
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NTU	Nephelometric Turbidity Units
Order	14 July 2003 USEPA Administrative Order for Remedial Investigation
PES	PES Environmental, Inc.
PVC	polyvinyl chloride
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
RASP	Rialto Ammunition Storage Point
Report	Additional Interim Remedial Investigation Report (Draft)
RI	Remedial Investigation
RWQCB	Regional Water Quality Control Board, Santa Ana Region
SPR	Single Point Resistance
SP	Spontaneous Potential
TCE	trichloroethene
TDS	total dissolved solids
Test America	Test Amercia, Inc.
TPH	total petroleum hydrocarbon

LIST OF ACRONYMS
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ug/kg	micrograms per kilogram
ug/L	micrograms per liter
USA	Underground Service Alert
USCS	Unified Soil Classification System
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
WDC	Water Development Corporation
Work Plan	Additional Remedial Investigation Work Plan
WVWD	West Valley Water District
VDL	Sonic/Variable Density Log
VOCs	volatile organic compounds
WCLC	West Coast Loading Corporation

EXECUTIVE SUMMARY
Draft Additional Interim Remedial Investigation Report
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ES.1 Overview

This draft *Additional Interim Remedial Investigation Report* (Report) was prepared by GeoSyntec Consultants, Inc. (GeoSyntec), on behalf of Goodrich Corporation (Goodrich), to describe the scope and findings of a groundwater investigation performed in Rialto, California, pursuant to an Administrative Settlement and Order by Consent by the California Regional Water Quality Control Board, Santa Ana Region (RWQCB), adopted after a public hearing on 16 November, 2005, and in accordance with the Additional Remedial Investigation Work Plan (Work Plan) [GeoSyntec, 2005b] and its Addendums No. 1 and 2 [GeoSyntec, 2005c and d, respectively], which collectively were approved by the RWQCB on 16 December 2005. The additional Remedial Investigation (RI) described herein is part of a multi-step Remedial Investigation/Feasibility Study (RI/FS) process prescribed by the National Oil and Hazardous Substance Pollution Contingency Plan (NCP), 40 CFR 300, et seq., and is a continuation of previous investigations of the Rialto Ground Water Management Zone.

ES.2 Study Area

Consistent with the NCP, a field investigation was conducted of a study area within the Rialto Ground Water Management Zone encompassing approximately 5 square miles, the boundaries of which are defined by Casa Grande Drive on the north, Etiwanda Avenue on the south, Riverside Avenue on the east and North Alder Avenue on the west (Figure 1). Within the study area, several drinking water wells have had detections of perchlorate and/or trichloroethene (TCE), including the City of Rialto's wells #1, 2, 3, 4 and 6 and West Valley Water District (WVWD) Well #22 (Figure 2). Perchlorate and TCE may be from multiple sources occurring at differing times and locations. Over the past century, numerous potential sources of perchlorate and TCE have existed within the study area. Some of the key locations of interest within the study area include the following (Figure 3):

- The Rialto Ammunition Storage Point (RASP), an approximately 2,800-acre area used during the 1940s for the storage of ordnance and explosives for World War II.

- Property described as the "160-acre parcel," where West Coast Loading, Kwikset Locks, Inc., Goodrich, Ensign-Bickford Company, Ordnance Associates, Clipper Fireworks, United Fireworks, Pyrotronics Corporation (including Red Devil Fireworks and Apollo Manufacturing), California Fireworks Display Co., Pyro Spectaculars, Inc., and American Promotional Events have operated.

- The Mid-Valley Sanitary Landfill (MVSL), a property owned and operated by the County of San Bernardino since 1958 that has been expanded over the former location of the RASP explosives storage bunkers and where other perchlorate-related operations occurred, such as firework manufacturing and disposal of explosive waste.

- The location of the Target Corporation distribution facility, which was previously the location of Denova Environmental, Inc., a treatment, storage and disposal facility for explosive waste, and the AMEX test range.

- 2298 West Stonehurst Drive, where the manufacturing of ordnance and pyrotechnics by American Explosives Company, AMEX Products, Inc., Tasker Industries, Whittaker Corporation, Trojan Fireworks and Astro Pyrotechnics occurred.

- The area's former citrus groves, which are believed to have used large quantities of Chilean sodium nitrate containing perchlorate.

ES.3 Investigation Scope

This investigation builds upon previous investigations in and around the study area and was designed (i) to further investigate the hydrogeologic conditions in the vicinity and downgradient of the "160-acre parcel" and (ii) to evaluate the areal and vertical extent of potential constituents of concern (COCs) in groundwater, including perchlorate and TCE. These data were collected as part of an effort to assess the nature and extent of contamination and the threat, if any, to the public health, public welfare or environment caused by the release or threatened release of hazardous substances, pollutants or contaminants at or from the 160-acre parcel and to adequately characterize the site and groundwater basin for the purpose of developing and evaluating effective remedial alternatives. In particular, the investigation consisted of the following activities:

- Installation of five multi-screen, permanent Westbay® groundwater monitoring wells (PW-5 through PW-9) extending more than 3 miles downgradient (i.e., southeast) of the 160-acre parcel and other operations in north Rialto (Figure 5);

- Coordination with other parties in the Basin (i.e., San Bernardino County and Pyro Spectaculars) to organize a coordinated gauging and sampling event (August 2006);

- Attempted coordination with USGS to sample monitoring wells in the study area;

- Attempted coordination with the City of Rialto and WVWD to collect discrete-depth samples from selected production wells in the study area;

- Gauging of groundwater elevations in the monitoring wells and piezometers associated with the 160-acre parcel (wells PW-1 through PW-9 and piezometers PW-2A through PW-4A) and the monitoring well located on the Target property (TW-1) on a monthly basis;

- Sampling of the monitoring wells PW-1 through PW-9 on a quarterly basis;

- Analysis of the data and information collected during the additional RI; and

- Preparation of this Report to document the field activities and findings.

ES.4 Investigation Results

Field work for the investigation occurred from January through August 2006. The results of this investigation indicate several general preliminary conclusions regarding the geology and hydrogeology of the study area, as follows (Figures 6, 7 and 8):

- The aquitard that separates the B Zone from the deeper regional aquifer appears to pinch out south of well PW-8 and may not exist in the vicinity of wells PW-5 and PW-6.

- The B Zone appears to exist as perched groundwater, based on sonic geophysical logs and hydrostatic pressure measurements.

- The C Zone (regional aquifer) is a thick sequence of poorly graded, silty, fine sands with interbedded clayey sands and clays. Portions of the C Zone appear to be hydraulically connected, as evidenced by piezometric head measurements in wells PW-5, PW-6, PW-7 and PW-9.

- The C Zone (regional aquifer) appears to be underlain by a silt and clay aquitard, approximately 70 feet of which were penetrated during this additional RI.

- During the period of the additional RI, groundwater flow in both the B and C Zones was generally southeast, although the C zone exhibits a stronger eastward component of flow east of the MVSL (Figures 9 and 10).

GeoSyntec obtained groundwater samples during the installation of PW-5 through PW-9. In August 2006, 33 groundwater samples were collected from wells PW-1 through PW-4 and from each screen of the Westbay® wells PW-5 through PW-9. Results are summarized in Tables 9, 10 and 11 in Appendix K of the Report. The analyses revealed the presence of perchlorate and TCE, displaying a high variance in concentrations, locations and depths, which is inconsistent with a simple source-plume migration model. In particular, results were as follows (Figure 11):

- At PW-1, perchlorate was not detected in August 2006. In previous events, perchlorate has not been detected in samples from this upgradient well, with two exceptions in the winter of 2004/2005, where the maximum detection was 6.3 µg/L. TCE was not detected in August 2006 nor in previous rounds of monitoring.

- At PW-2, perchlorate was measured at a concentration of 3,600 µg/L in samples collected during the August 2006 sampling event, which is a decrease since the highest measured concentration of 10,000 ug/L in this monitoring well in April 2006. TCE was measured at a concentration of 310 µg/L in the sample collected during the August 2006 sampling event, lower than the highest concentration reported for this well of 420 µg/L.

- At PW-3, perchlorate was measured at a concentration of 110 µg/L in August 2006, which is the highest concentration in a sample from this well since its installation in 2004. TCE was measured at 110 µg/L in the sample collected in August 2006, which is the highest concentration from the well since its installation.

- At PW-4, perchlorate was measured at an estimated trace concentration of 1.6 µg/L in August 2006. Monitoring results for perchlorate in this well have not exceeded 6 µg/L since its installation in 2004. TCE was measured at an estimated trace concentration of 0.76 µg/L in samples collected in August 2006. Monitored TCE concentrations have not exceeded 5 µg/L in samples collected from this well.

- At PW-5, perchlorate was detected in samples collected from the upper three screen intervals in August 2006. Concentrations ranged from 160 to 210 µg/L in the upper "a" and "b" screen intervals to 1,200 µg/L in screen interval "c". Perchlorate was not detected in samples from the two lower screen intervals. TCE was measured in the upper four screen intervals in samples collected in August 2006 at concentrations ranging from 16 to 25 µg/L (upper three screen intervals) to 2.7 µg/L (screen "d"). TCE was not detected in samples from the lowest screen interval.

- At PW-6, perchlorate was measured at concentrations up to 1.9 µg/L in samples from the upper three screen intervals ("a" through "c") and were not detected in samples from the two lowest screen intervals ("d" and "e"). TCE was not detected in samples from all five screen intervals.

- At PW-7, perchlorate was detected in samples from the upper three of the seven screen intervals at concentrations ranging from 3.6 to 7 µg/L. Perchlorate concentrations were not detected in samples from in the four lower screen intervals. TCE was detected in samples from two of the seven screen intervals (screens “b” and “c”) at estimated trace concentrations of 0.54 to 0.56 µg/L. TCE was not detected in samples from the other five screen intervals.

- At PW-8, perchlorate was detected in samples from all five screen intervals, at concentrations ranging from 46 µg/L at the deepest screen interval (“e”) to 140 µg/L at the shallowest screen interval (“a”). TCE was detected in samples from all five screen intervals, at concentrations ranging from 9.8 µg/L at the deepest screen interval to 22 µg/L at the shallowest screen interval.

- At PW-9, perchlorate was detected in samples from six of seven screen intervals at concentrations ranging from 1.4 to 190 µg/L (PW-9c). The highest concentrations were in samples from the third (“c”) and seventh (“g”) screen intervals. TCE was detected in samples from three of seven screen intervals at concentrations ranging from 1.7 to 5.1 µg/L. The detections were in samples from the third, sixth and seventh screen intervals (“c”, “f” and “g”); TCE was not detected in samples from the remaining four screen intervals.

Five other volatile organic compounds (VOCs) were detected in one or more samples collected during the August 2006 sampling event. Only two of these constituents, chloroform and toluene, were measured above trace concentrations. The other constituents, methylene chloride, chloromethane and naphthalene, were measured at estimated trace concentrations below the project reporting limit. Other analytes were detected, as follows:

- Potassium was detected in all samples analyzed at varying concentrations ranging from to 2,100 to 44,000 µg/L (Table 10).

- Nitrate was detected in all but one sample analyzed, and measured at concentrations ranging from 0.12 to 6.5 mg/L. The exception is the August 2006 sample from PW-2, in which the measured concentration of nitrate as nitrogen was 16 mg/L (Table 11).

- Chlorate was detected in samples from monitoring wells PW-1, PW-2 and PW-4 at estimated trace concentrations ranging from 0.0041 to 0.008 mg/L (Table 11).

ES.5 Recommendation

It is recommended that the RI/FS process be continued, consistent with the NCP, to evaluate the appropriate remedial actions with respect to the 160-acre parcel and other areas in the Rialto Ground Water Management Zone. Other data have been collected in recent months in the study area by other parties and are in the process being reported. In addition, another round of coordinated sampling should be performed among the parties in November 2006. Once these data are collected, it should be thoroughly evaluated to assess the fate and transport of COCs in the Rialto Ground Water Management Zone, identify any data gaps warranting additional investigation or treatability studies, identify potential exposure routes for contaminant migration, evaluate potential operable units, further identify Applicable or Relevant and Appropriate Requirements (ARARs) and prepare a baseline risk assessment. A feasibility study, consistent with the NPC, should also be initiated, including the development and screening of remedial alternatives, a detailed analysis of remedial alternatives and costs and the recommendation of a remedial action.

1 INTRODUCTION

1.1 Purpose of Report

This draft *Additional Interim Remedial Investigation Report* (Report) was prepared by GeoSyntec Consultants, Inc. (GeoSyntec), on behalf of Goodrich Corporation (Goodrich), to describe the scope and findings of a groundwater investigation performed in Rialto, California, pursuant to an Order by Consent by the California Regional Water Quality Control Board, Santa Ana Region (RWQCB) [RWQCB, 2005], and in accordance with the *Additional Remedial Investigation Work Plan* (Work Plan) [GeoSyntec, 2005b] and its *Addendums No. 1 and 2* [GeoSyntec, 2005c and d, respectively], which collectively were approved by the RWQCB on 16 December 2005. The additional Remedial Investigation (RI) described herein is part of an iterative, multi-step Remedial Investigation/Feasibility Study (RI/FS) process prescribed by the National Oil and Hazardous Substance Pollution Contingency Plan (NCP), 40 CFR 300, et seq., and is a continuation of previous investigations of the Rialto Ground Water Management Zone [GeoSyntec, 2005a]. The additional RI that is the subject of this Report consisted of a field investigation designed to (i) further investigate the hydrogeologic conditions in the vicinity and downgradient of the area in northern Rialto referred to as the "160-acre parcel" and (ii) evaluate the areal and vertical extent of potential constituents of concern (COCs) in groundwater, including perchlorate and the volatile organic compound (VOC) trichloroethene (TCE). These data were collected as part of an effort to assess the nature and extent of contamination and the threat, if any, to the public health, public welfare or environment caused by the release or threatened release of hazardous substances, pollutants or contaminants at or from the 160-acre parcel and to adequately characterize the site and groundwater basin for the purpose of developing and evaluating effective remedial alternatives for perchlorate, TCE and other COCs that may be emanating from the 160-acre parcel.

This RI Report was prepared by Mital Desai and Ken Kitchings, P.G., and reviewed by Karen Schmitt, P.E., all of GeoSyntec, in accordance with the peer review policy of the firm.

1.2 Study Area Background

1.2.1 Study Area Description

The study area (Figure 1) consists of a portion of the Rialto Ground Water Management Zone contained within the Santa Ana Watershed [SAWPA, 2006]. The area also is known as the Rialto-Colton Basin [Woolfenden and Kadhim, 1997]. The study area is located in portions of Sections 2, 3, 21, 27, 28, 29, 33 and 34 of Township 1 North and Range 5 West, San Bernardino Baseline and Meridian within the United States Geological Survey's (USGS) 7.5-minute series "Devore, California" quadrangle map (1956, photo revised 1980) [USGS, 2001]. The study area of this RI encompasses approximately 5 square miles, the boundaries of which are defined by Casa Grande Drive on the north, Etiwanda Avenue on the south, Riverside Avenue on the east and North Alder Avenue on the west (Figure 1). Within the study area, several drinking water wells have had detections of perchlorate and/or TCE, including the City of Rialto's wells #1, 2, 3, 4 and 6 and West Valley Water District (WVWD) Well #22 (Figure 2).

Some of the key locations within the study area are as follows (Figure 3):

- The 160-acre parcel, which is located in northern Rialto in the northwestern portion of the study area and bounded by West Casa Grande Drive on the north, Locust Avenue on the east, the extension of Alder Avenue on the west and the extension of Summit Avenue on the south (Figure 1). At present, this property is subdivided into several parcels, with at least 12 property owners within the 160 acres. Portions of the 160 acres currently are used for commercial and industrial purposes, while other areas are open space or vacant.

- The Mid-Valley Sanitary Landfill (MVSL), which is immediately southwest of the 160-acre parcel. The MVSL is a Class III municipal solid waste management facility occupying part of a 487-acre property owned and operated by the County of San Bernardino since 1958. Landfilling and other activities on the property have expanded over the former location of explosives storage bunkers constructed by the United States military and subsequently used by private entities, as well as over areas where other perchlorate-related operations occurred (Section 1.2.2).

- The Target Corporation (Target) distribution facility, which is immediately west of the 160-acre parcel (Section 1.2.2).

- The Astro Pyrotechnics facility at 2298 West Stonehurst Drive, which is south of the 160-acre parcel and adjacent to the MVSL (Section 1.2.2).

- The area's former citrus groves.

The study area extends approximately three miles downgradient of the 160-acre parcel and most of the other locations indicated above. Groundwater quality throughout this area is also reflective of other operations and events that have occurred throughout the study area.

1.2.2 Study Area History

Over the past century, numerous potential sources of perchlorate and TCE have existed within the study area. Sources of perchlorate and VOCs, particularly TCE, may be from multiple sources at differing times and locations within the Rialto Ground Water Management Zone.

a) Agricultural Activities in the Basin

In the early part of the 1900s through the 1930s, significant areas in Rialto and Colton were farmed as citrus orchards. As documented by the RWQCB, it is believed that large quantities of Chilean sodium nitrate were used for fertilizer in these citrus orchards. Chilean fertilizer has been found to contain perchlorate. The locations of many wells in the Santa Ana Watershed that have detections of perchlorate correlate closely with historical citrus orchard areas [RWQCB, 2004].

b) Rialto Ammunition Storage Point

During the 1940s, as part of the war effort in World War II, the United States military developed the Rialto Ammunition Storage Point (RASP) for the storage and inspection of ordnance and explosives for the war operations in the Pacific Theater. This facility covered approximately 2,800 acres and contained a network of railroad tracks, berm-enclosed sidings and reinforced bunkers used for the storage of explosives and ordnance (Figure 3). After the military's tenure, many portions of the former RASP facility, including the former bunkers, were occupied and used by private entities, including, but not limited to, as described below.

c) 160-Acre Parcel

In 1952, Kwikset Locks, Inc. (Kwikset) acquired a 160-acre portion of the RASP, where its subsidiary West Coast Loading Corporation (WCLC) operated until approximately 1957. WCLC's activities at the 160-acre parcel included the loading, assembly and testing of munitions with perchlorate-containing materials. In 1957, WCLC merged into Kwikset and thereafter sold the 160-acre parcel to Goodrich. From approximately 1957 to 1963, Goodrich conducted operations on portions of the 160-acre parcel consisting of research and development and the limited production of small missiles. Goodrich sold the property in 1966. After Goodrich's departure from the 160-acre parcel, defense contractors and fireworks and pyrotechnic companies have continuously operated on various portions of the property, including, but not limited to, Ensign-Bickford Company, Ordnance Associates, Clipper Fireworks, United Fireworks, Pyrotronics Corporation (including Red Devil Fireworks and Apollo Manufacturing), California Fireworks Display Co., Pyro Spectaculars, Inc., and American Promotional Events (APE). Many of these operations are known to have involved the use and on-site disposal of perchlorate and/or perchlorate-containing materials.

d) Mid-Valley Sanitary Landfill and "Bunker Area"

Since 1958, the MVSL has been operated by the County of San Bernardino. Since 1987, the County has been investigating and remediating TCE and other VOC contamination associated with the MVSL. In the late 1990s, the MVSL was expanded over the former location of most of the RASP explosives storage bunkers. Prior to the County's destruction of the bunkers, the bunkers were used by various commercial entities, such as Aerojet, Rheem, Zambelli Fireworks, Celebrity Fireworks, Broco Environmental, Inc., Pyro Spectaculars, Astro Pyrotronics/Trojan Fireworks and many other entities that had other operations in the vicinity. In addition, other operations involving the manufacture of pyrotechnics with perchlorate as well as the use of TCE were conducted in and around the former bunker area by companies such as Atlas Fireworks and Celebrity Fireworks. Furthermore, in the former bunker area, the commercial treatment, storage and disposal of explosive and other hazardous waste was conducted by entities such as J.S. Brower and Associates, Broco, Inc. and Broco Environmental.

e) 2298 West Stonehurst Drive

South of the 160-acre parcel and adjacent to the MVSL, at 2298 West Stonehurst Drive, the manufacturing of ordnance and pyrotechnics involving perchlorate occurred from at least the 1960s. American Explosives Company, AMEX Products, Inc., Tasker Industries, Whittaker Corporation, Trojan Fireworks and Astro Pyrotechnics operated at this location.

f) Denova Environmental Site

West of the 160-acre parcel, in the location currently occupied by a new distribution facility for Target, was previously the location of a treatment, storage and disposal facility (TSDF) for explosive waste operated by Denova Environmental, Inc. The TSDF included an open burn and detonation pit. The facility was shut down in June 2002 by the United States Environmental Protection Agency (USEPA) and the California Department of Toxic Substances Control (DTSC) after years of repeated violations of hazardous waste control laws [DTSC, 2003]. A portion of this facility was utilized by General Dynamics for storage. In the 1960s, this area was used as a test range by AMEX for its products. In or about 2004, after USEPA completed a response action at the facility, Target entered into a Prospective Purchaser Agreement with the USEPA.

1.2.3 Study Area Geology and Hydrogeology

The study area of this additional RI investigation is the northwest and central portion of the Rialto-Colton Basin (Figure 1). Groundwater in the Basin occurs within alluvial sediments at depths generally below 450 feet. As reported by GeoLogic Associates (GLA) on behalf of the County, groundwater flow in the northern central portion of the Basin is generally to the southeast [Dutcher and Garrett, 1963 & Woolfenden and Kadhim, 1997]. Groundwater flow in the Basin is controlled by several barriers and faults, some of which delineate the boundaries of the Basin. The Basin extends from Barrier J, which is located on the northwest, to the Santa Ana River on the southeast. On the northeast, the Basin is bounded by the San Jacinto Fault, which separates the Lytle and Bunker Hill groundwater basins. To the southwest is the

Rialto-Colton Fault, which separates the Rialto-Colton Basin from the Chino groundwater basin. There is evidence that groundwater recharge in the northwest portion of the Rialto-Colton Basin is almost exclusively by leakage through Barrier J, with a minor contribution from infiltration [Dutcher and Garrett, 1963]. Recent work by the USGS indicates that significant underflow may occur across the northern portions of the San Jacinto Fault where it is coincident with Lytle Creek [Woolfenden and Kadhim, 1997; Woolfenden and Koczot, 2000]. Southwest of this area, underflow across the San Jacinto Fault (Barrier E) appears to be relatively limited. On the west side of the Rialto-Colton Basin, the northern portion of the Rialto-Colton Fault impedes groundwater flow. Leakage appears to occur in the southeastern portion of the Rialto-Colton Basin into the adjacent Chino Basin where the Rialto-Colton Fault crosses the Santa Ana River. Groundwater in the Rialto-Colton Basin occurs within alluvial sediments. Groundwater flow in the northern central portion of the Basin flows to the southeast [Dutcher and Garrett, 1963 & Woolfenden and Kadhim, 1997].

The USGS has identified four hydrostratigraphic units in the Rialto-Colton Basin: river-channel deposits and the upper, middle and lower water-bearing units [Woolfenden and Kadhim, 1997; Woolfenden and Koczot, 2001]. The river-channel deposits and the upper water-bearing unit contain saturated zones only in areas adjacent to water courses (e.g., Lytle Creek and the Santa Ana River). The middle water-bearing unit comprises the uppermost aquifer system beneath the 160-acre parcel. It consists primarily of coarse to medium sand and interbedded silt and clay and ranges in thickness from about 240 to 600 feet. The lower water-bearing unit is also areally extensive throughout the Basin. It consists mainly of interbedded sand and clay with a thickness of 100 to 400 feet [Woolfenden and Kadhim, 1997].

GLA has reported the presence of three laterally continuous aquifers within the middle water-bearing unit in the northern portion of the study area [GLA, 1997 and 2003]. GLA identified these aquifers as an upper aquifer (A Zone); an intermediate aquifer (B Zone); and a deep, regional aquifer (C Zone). The C Zone reportedly provides much of the groundwater that is pumped into the area by municipal supply wells. The three aquifers are separated by aquitards that generally range in thickness from only a few feet to more than 30 feet. The groundwater elevations between the B and C Zones differ by more than 100 feet in the vicinity of the 160-acre parcel. As reported by GeoSyntec following the first phase of the RI investigation, Goodrich’s monitoring wells near the 160-acre parcel, PW-1 through PW-4, are installed in the B

Zone, while piezometers PW-2A through PW-4A are installed in the C Zone [GeoSyntec, 2005a].

In 2005, GLA installed four wells (M-1 through M-4) in the vicinity of the Rialto Airport to monitor groundwater quality upgradient, cross gradient and downgradient of a groundwater treatment system (GWTS) constructed by the County of San Bernardino adjacent to Rialto Well #3 [GLA, 2005]. In two of those wells, M-2 and M-3, Westbay® multi-port monitoring systems were constructed with seven screened intervals to depths of 700 feet. As reported by GLA, static water level elevations calculated from hydrostatic pressure measurements obtained from each screen interval in wells M-2 and M-3 indicate that, within each well, the groundwater within each screened interval exhibits very similar piezometric head values. The reported water level elevations are consistent with those reported for the County's "N" series of wells constructed in the C Zone. The sonic log for well M-3 indicates that the top of the C Zone is at a depth of approximately 478 ft and that the seven well screen intervals are located below this depth. The new Westbay® wells installed north and east of the Rialto Airport as part of this additional RI allow further evaluation of the Rialto-Colton Basin aquifer system in the area of investigation, as described in Section 4.

1.2.4 Previous Investigations in the Study Area

1.2.4.1 Overview

Perchlorate has been detected in certain municipal water supply wells in the Rialto-Colton Basin owned or operated by the City of Rialto, WVWD and the City of Colton (Figure 2). The maximum reported perchlorate concentration was 850 micrograms per liter (µg/L), measured in WVWD Well #22 (now abandoned) in January 2003 [DHS, 2006]; the maximum TCE concentration in that well was 76 µg/L, measured in 2001. Some other water supply wells in the area have had reported levels of perchlorate up to 76 µg/L. Certain water supply wells have been removed from operation or retrofitted with wellhead treatment systems due to perchlorate detections.

Starting in 2002, to obtain information about potential sources, the RWQCB has directed 22 suspected dischargers to report and investigate, to varying degrees, perchlorate and TCE contamination in the study area. Pursuant to Section 13267 of the California Water Code, approximately 22 Investigation Orders have been issued to suspected dischargers and property owners [RWQCB, 2005a]. To date, on the basis of these investigations, the RWQCB has issued three Cleanup and Abatement Orders to five dischargers and property owners pursuant to Section 13304 of the California Water Code [RWQCB, 2005a]. The CAOs have been issued to (i) the County of San Bernardino, (ii) Emhart and (iii) the group consisting of Pyro Spectaculars, Whittaker Corporation and the property owner Thomas O. Peters/Thomas O. Peters Revocable Trust.

The USEPA has issued information requests pursuant to 42 U.S.C. § 9604(e) to a number of parties. In 2003, USEPA issued a Unilateral Administrative Order (the USEPA Order) dated 14 July 2003 to Goodrich and Emhart Industries, Inc. (Emhart)[1] to conduct an initial remedial investigation of the 160-acre parcel [USEPA, 2003]. As indicated above, in November 2005, Goodrich agreed to an Order by Consent with the RWQCB pursuant to which the subject investigation is being performed. Below are the summaries of available documentation regarding previous and ongoing investigations in the Rialto Ground Water Management Zone.

1.2.4.2 Soil and Soil Gas Investigations

Studies for the presence of perchlorate, VOCs and other COCs in the vadose zone in the study area have been conducted through the use of soil and soil gas investigations. Below is a summary of these investigations:

- USEPA preliminary assessment and site inspections of the 160-acre parcel [USEPA, 2006b].

- Pursuant to the USEPA Order, Goodrich conducted an initial RI of the 160-acre parcel from May 2004 through January 2005 [GeoSyntec, 2005a]. The RI consisted of a soil gas survey, soil borings, and the installation of four groundwater monitoring wells (PW-1 through PW-4) and three piezometers (PW-2A through PW-4A). Perchlorate was detected in soil samples at maximum concentrations of 0.63 mg/kg; TCE was not detected in soil samples. In soil gas, TCE was detected in 3 out of 101 primary samples at a maximum concentration of 1.7 μg/L. In groundwater, perchlorate and TCE were detected at maximum concentrations of 73 and 62 μg/L, respectively, in

[1] Emhart Industries, Inc., a subsidiary of Black & Decker, is the successor-in-interest to the West Coast Loading Corporation.

samples from monitoring well PW-2. On 24 March 2005, on behalf of Goodrich, GeoSyntec submitted a draft RI Report to the USEPA and the RWQCB summarizing the results of the investigation [GeoSyntec, 2005a].

- Exploratory trenching and soil sampling were performed on behalf of APE in areas where fireworks formerly were stored and handled at the 160-acre parcel. In total, 15 trenches were advanced and sampled to depths of 8 feet [PES Environmental, Inc. (PES), 2003]. Perchlorate was detected in two of thirty samples at concentrations up to 2.9 mg/kg.

- Soil sampling was performed on behalf of Pyro Spectaculars in three trenches (up to 10 feet deep) and one soil boring (up to 50 feet deep). This investigation focused on current and former storage areas of pyrotechnical equipment on the 160-acre parcel [Kleinfelder, 2003]. In addition, a later soil investigation by Pyro Spectaculars in the vicinity of a former pyrotechnics waste disposal pond on the 160-acre parcel (referred to as the "McLaughlin Pit") revealed perchlorate contamination in the soil at concentrations up to 205,000 micrograms per kilogram (μg/kg) [Kleinfelder, 2005b].

- Soil sampling was conducted on behalf of Wong Chung Ming, the owner of much of the 160-acre parcel, in 11 trenches at depths up to 10 feet in areas throughout the leaseholds, with particular focus on clarifier outfalls and a disposal pile [Locus Technologies, 2004]. Perchlorate was not detected in the samples.

- On behalf of Emhart, a soil and soil gas investigation consisting of soil borings and trenching was performed within an approximately 14-acre portion of the 160-acre parcel [ENVIRON, 2005]. A second phase of investigation is ongoing; based on the preliminary data made available, perchlorate was found at a maximum concentration of 190 mg/kg at a depth of 20 feet bgs near the McLauglin Pit area. The report of the second phase of this investigation is pending.

- The County of San Bernardino conducted a soil investigation in the former bunker areas. Samples were collected from shallow boreholes drilled in the bunker debris and from deeper boreholes beneath former aggregate wash pond areas operated by Robertson's Ready Mix [GLA, 2003]. Prior to the destruction of the bunkers to expand the MVSL, perchlorate was detected in wipe samples collected from within the former bunkers. In the years before the perchlorate and former bunker area issues were identified, the County investigated soil and groundwater conditions in and around the fill areas to assess the potential impact of VOCs from the MVSL on downgradient sources, particularly select water supply wells owned by the San Gabriel Valley Water Company [GLA, 1998].

- A subsurface assessment was implemented in the area of the former Zambelli firework storage bunker area A-1 at 2170 West Stonehurst Drive. Forty-five soil samples were collected at depths up to 20 feet for assessing perchlorate and VOC concentration [California Environmental, 2004]. Perchlorate and VOCs were not detected in the samples analyzed.

- Investigations have been conducted on behalf of Pyro Spectaculars, the owner of Astro Pyrotechnics, and a prospective purchaser of the property located at 2298 West Stonehurst Drive. Approximately 40 trenches and/or borings have been advanced on the property, at depths of 0.5 to 50 feet. The maximum perchlorate concentration measured in the soil samples was 55 milligrams per kilogram (mg/kg) [CHJ, 2003; Kleinfelder, 2004b; Geomatrix, 2004].

- A surficial investigation was performed on the "Engle" property, which consists of two parcels (25 acres total) located south of the 160-acre parcel. Portions of the Engle property have been used for the storage of pyrotechnics equipment [Kleinfelder, 2005a]. Thirty-eight soil samples were collected from depths ranging from 6 to 12 inches to assess the concentrations of perchlorate in surficial soil. Perchlorate was not detected in the samples analyzed.

- Investigations were performed on selected operational areas of the Denova site, including the open burn/open detonation area; the former transfer, storage and disposal area; and the former explosives storage area. One hundred thirty-one soil samples were collected from shallow trenches and the ground surface and analyzed for perchlorate; the maximum concentration measured was 0.21 mg/kg [Kleinfelder 2004a].

- Investigations performed by USEPA contractors of the Denova facility in 2002 as part of an Emergency Response Action conducted by USEPA revealed that perchlorate was detected at five locations in n shallow soil (0-6 inches below ground surface) at concentrations ranging from 25 to 210 μg/kg. Deeper soil sampling was not been conducted by USEPA's contractors [DTSC, 2003].

1.2.4.3 Groundwater Investigations

Groundwater investigations have been and currently are being conducted on behalf of several entities within the study area.

- Pursuant to the USEPA Order, Goodrich installed four groundwater monitoring wells (PW-1 through PW-4) and three piezometers (PW-2A through PW-4A) at one upgradient and three cross gradient/downgradient locations relative to the 160-acre parcel. Gauging of groundwater levels in these wells and piezometers has been conducted on a monthly basis from October 2004 to the present. Groundwater sampling of the monitoring wells was conducted in October, November and December 2004 and has been conducted since on a quarterly basis. On 24 March 2005, on behalf of Goodrich, GeoSyntec submitted a draft RI Report to the USEPA and the RWQCB [GeoSyntec, 2005a] (Section 4.1.4).

- Three groundwater monitoring wells were installed on the 160-acre parcel on behalf of Pyro Spectaculars during the second and third quarters of 2006 (CMW-01 A/B/C, CMW-02 A/B/C and CMW-03 A/B/C). The wells are located in the vicinity of the former McLaughlin Pit, where soil sampling results indicated possible contamination of the groundwater (Figure 4). One of the three triple-nested wells was installed at a location upgradient of the former waste disposal pond/McLaughlin Pit (CMW-03 A/B/C), and the other two were installed hydraulically downgradient of the former waste disposal pond/McLaughlin Pit. The report of this investigation, including well construction data and groundwater elevation gauging data from August 2006, is pending.

- On behalf of Emhart, two groundwater monitoring wells (CMW-04 and CMW-05) currently are being installed on the 160-acre parcel (Figure 4). The report of this investigation is pending.

- The County of San Bernardino commenced groundwater monitoring at the MVSL in 1987 with the installation of five groundwater monitoring wells [GLA, 2003]. Since then, a series of groundwater investigations has been conducted, and a total of approximately 43 monitoring wells and piezometers have been installed (Figure 2) to a maximum distance of approximately 2 miles downgradient (i.e., south and southeast) of the MVSL. A number of COCs have been detected in groundwater below and downgradient of the MVSL, including perchlorate and TCE. The County of San Bernardino also is constructing, in addition to its MVSL-related extraction system, a GWTS to remove perchlorate and VOCs from groundwater via a series of extraction wells near Rialto Well #3, near the Rialto Airport. The system is being installed in phases throughout 2006 and is expected to be completed in December 2006 [GLA, 2006]. The County's most recent comprehensive monitoring event, including the analytical results, occurred in July 2006. The report of this event is pending.

- One groundwater monitoring well (TW-1) was installed by Target to assess the perchlorate contamination from the former Denova facility. The well was installed in August 2004 and monitored three times in August and September 2004. The well has been gauged monthly by Goodrich since April 2005.

- As noted in Section 1.2.4.1, perchlorate and TCE have been detected in various municipal supply wells throughout the Rialto-Colton Basin (Figure 2). The City of Rialto, WVWD and the City of Colton periodically collect data from their supply wells; these data, while not directly comparable to water quality data from groundwater monitoring wells, supplement the current understanding of groundwater conditions in the Basin. The water purveyors have not made recent monitoring data available.

- The USGS has installed wells in the study area and vicinity, including monitoring wells 1N/5W-27D, 1N/5W-28J, 1N/5W-34D, 1N/5W-21K, 1N/5W-22N and 1N/5W-35B. USGS periodically samples its wells and makes the data available. Data have not been shared by the USGS since February 2006.

1.3 Contaminants of Concern and Identification of ARARs

In preparing the Work Plan for this phase of the RI, Goodrich reviewed the analytical results from the initial phase of the RI, as well as information developed by other parties, to develop a list of target analytes, which was approved by the RWQCB. The results of sampling and analysis to date indicate that the primary COCs in the study area and Basin are perchlorate and TCE. As part of its efforts, Goodrich has been assembling information regarding these and other contaminants as part of the process to identify Applicable or Relevant and Appropriate Requirements (ARARs).

With regard to TCE, both the USEPA and the State of California Department of Health Services (DHS) have established a maximum contaminant level (MCL) of 5 μg/L. As of the date of preparation of this RI Report, the USEPA has not adopted a MCL for perchlorate. However, in 2005, USEPA issued a recommended Drinking Water Equivalent Level (DWEL) for perchlorate of 24.5 μg/L based upon its established reference dose of 0.0007mg/kg/day for perchlorate [USEPA, 2005]. In early 2006, EPA issued a "Cleanup Guidance" for this same amount [USEPA, 2006a]. DHS has adopted a Notification Level for perchlorate of 6 μg/L and has proposed to adopt the same level as a State MCL.

1.4 Report Organization

This Report is organized as follows, with figures, tables and appendices supporting the text:

- In Section 2, *Study Area Investigation*, the objectives of the additional RI, the work plan approval process, the scope of work, and the field activities are presented, and the modifications made to the Work Plan during the course of the investigation are discussed.

- In Section 3, *Physical Characteristics of the Study Area*, the geology, hydrogeology, groundwater elevations and flow directions of the study area are described.

- In Section 4, *Nature and Extent of Contamination*, the groundwater monitoring results of the additional RI are discussed.

- In Section 5, *Contaminant Fate and Transport*, geologic and hydrogeologic factors affecting contaminant transport are discussed, and the factors influencing the interpretation of the nature and extent of COCs in groundwater are described.

- In Section 6, *Conclusion and Recommendation* are presented.

Following the text is the certification by the licensed professionals responsible for the execution of the scope of work described in this Report. Also following the text is list of the materials used in the preparation of and/or referenced in this Report.

2 STUDY AREA INVESTIGATION

2.1 <u>Objectives</u>

The field investigation described in this Report is part of a multi-step RI/FS process, as prescribed by the NCP[2], for addressing potential releases of COCs to the groundwater emanating from potential sources in northern Rialto, including the 160-acre parcel. In particular, this additional RI consisted of a field investigation designed to (i) further investigate the hydrogeologic conditions in the vicinity of and downgradient of the "the 160-acre parcel", and (ii) evaluate the areal and vertical extent of potential COCs in the groundwater, including perchlorate and TCE. These data were collected in accordance with the NCP as part of an effort to assess the nature and extent of contamination and the threat, if any, to the public health, public welfare or the environment caused by the release or threatened release of hazardous substances, pollutants or contaminants at or from the 160-acre parcel and to adequately characterize the site and groundwater basin for the purpose of developing and evaluating effective remedial alternatives for perchlorate, TCE and other COCs.

More broadly, the additional RI was conducted as part of the larger effort to develop the following:

- additional hydrogeologic information necessary to better assess the transport of groundwater within the Basin (i.e., direction, rate, gradient);

- additional data needed to evaluate the threat, if any, to the public health, public welfare or the environment caused by the release or threatened release of hazardous substances, pollutants or contaminants at or from the 160-acre parcel; and

- other information on the geologic, hydrogeologic and other characteristics of the study area and Basin to assist with developing and evaluating effective remedial alternatives for perchlorate, TCE and other COCs that may be emanating from the 160-acre parcel.

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[2] 40 CFR §300, et seq.

As discussed further in Section 5, the information developed through the additional RI and presented in this Report is intended to inform the possible need for further remedial investigation and to provide information in support of additional analysis and study, if necessary. Further investigation and analysis may include identification of ARARs, analysis of exposure routes for contaminant migration, risk assessment studies, a feasibility study and remedy selection.

2.2 Work Plan Approval and Oversight

This work is being performed consistent with the NCP and in fulfillment of the Administrative Settlement Agreement (Agreement) between Goodrich and the RWQCB and the Order by Consent to Goodrich [RWQCB, 2005b]. The Order and Agreement required Goodrich to install five groundwater monitoring wells, with the potential for up to four additional wells at the RWQCB's discretion; perform groundwater monitoring; and prepare this Report.[3] A public hearing before the RWQCB was noticed and held on 16 November 2005 in the City of Rialto concerning the Administrative Settlement, the Order by Consent and the Work Plan. After two addenda to the Work Plan were issued in response to public comments, the RWQCB approved the Work Plan on 16 December 2005. As part of this RI, GeoSyntec prepared a Health and Safety Plan (HSP), Field Sampling Plan (FSP), Quality Assurance Project Plan (QAPP) and Data Management Plan (DMP) [GeoSyntec, 2006]. In accordance with a Community Involvement Plan issued by the RWQCB, a public repository housing these materials has been established at the Rialto Public Library. GeoSyntec has provided monthly written progress reports to the RWQCB and the USEPA and weekly progress reports via electronic mail during fieldwork. The RWQCB staff observed certain elements of the fieldwork and was consulted with throughout the course of the investigation, including as to the locations of the wells, depths and screen intervals. The RWQCB staff and Goodrich have reported regularly as to the investigation's progress at RWQCB meetings and at the Community Advisory Group meetings.

[3] The RWQCB did not request Goodrich to install additional wells beyond the five described in this Report (i.e., PW-5 through PW-9).

2.3 Groundwater Investigation

2.3.1 Overview

To meet the investigation's objectives, the activities listed below were conducted since January 2006, in general accordance with the project's FSP, HSP, QAPP and DMP:

- Installation of five multi-screen, permanent Westbay® groundwater monitoring wells (PW-5 through PW-9) downgradient (i.e., southeast) of the 160-acre parcel (Figure 5);

- Coordination with other parties in the Basin (i.e., San Bernardino County and Pyro Spectaculars) to organize a coordinated gauging and sampling event (August 2006);

- Attempted coordination with USGS to sample monitoring wells in the study area;

- Attempted coordination with the City of Rialto and WVWD to collect discrete-depth samples from selected production wells in the study area;

- Gauging of groundwater elevations in the monitoring wells and piezometers associated with the 160-acre parcel (wells PW-1 through PW-9 and piezometers PW-2A through PW-4A) and the monitoring well located on the Target property (TW-1) on a monthly basis;

- Sampling of the monitoring wells associated with the 160-acre parcel (wells PW-1 through PW-9) on a quarterly basis;

- Analysis of the data and information collected during the additional RI; and

- Preparation of this Report to document the field activities and findings.

From 2 February to 2 June 2006, GeoSyntec supervised the drilling and installation of five groundwater monitoring wells (PW-5 through PW-9) along a path extending more than 3 miles downgradient of the 160-acre parcel and other potential source areas (Figure 5). WDC Exploration & Wells (WDC) of Montclair, California, provided drilling and well construction services.

The new downgradient monitoring well locations (Figure 5) and rationale for each well location is as follows:

- PW-5 was installed to a total depth of 705 feet below ground surface (ft bgs) at the southeast corner of the intersection of West Ayala Drive and Easton Street on property owned by the County of San Bernardino Flood Control District. The well location was chosen to evaluate the transitional area between an "eastern plume" (i.e., from the 160-acre parcel) and a "western plume" (i.e., from the MVSL and historical bunkers) as postulated by USEPA [USEPA, 2005b]. PW-5 is also downgradient of Rialto #2, which was intended to help provide a vertical profile of contamination near that production well.

- PW-6 was installed to a total depth of 695 ft bgs at the west end of Leiske Drive between North Fitzgerald Avenue and West Ayala Drive. The well location was chosen as a means to assess the centerline of the "western plume" (i.e., from the MVSL and historical bunkers) and aid in differentiating between potential "eastern" and "western" plumes and understanding the degree of commingling. Such differentiation is expected to be important in selecting and designing an effective remedial measure.

- PW-7 was installed to a total depth of 850 ft bgs at the northeast corner of the intersection of North Cactus Avenue and West Walnut Avenue. The well location was chosen to assess the potential downgradient edge of an "eastern plume" and to fill in a data gap in this area.

- PW-8 was installed to a total depth of 805 ft bgs at the northwest corner of the WVWD compound for Well #22, approximately near the southwest corner of the intersection of North Linden Avenue and Vineyard Avenue. The location of PW-8 was chosen to assess the hydrogeological conditions and perchlorate and VOC concentrations in the area between the 160-acre parcel and WVWD Well #22.

- PW-9 was installed to a total depth of 840 ft bgs within the City of Rialto's compound for Rialto Well #6, on Etiwanda Avenue, east of Willow Avenue. The well location was moved from its originally intended position due to access considerations. It is intended to assess conditions in the vicinity of Rialto #6 and may help define the southern extent of contamination, both laterally and vertically.

Each monitoring well is designed with multiple screened intervals and equipped with a Westbay® multi-port well system. These wells have been installed in the regional aquifer, or what has been referred to by GLA as the C Zone and by USGS as the lower portion of the middle water-bearing unit (Section 1.2.3) on the basis of geophysical logs and groundwater elevations calculated from field measurements of fluid pressures in the screened intervals of each monitoring well.

2.3.2 Borehole Drilling

Prior to the drilling of each borehole, Underground Service Alert (USA) was contacted to identify utility lines potentially located in the general vicinity of the proposed boreholes. Additionally, a geophysical survey was conducted by Spectrum Geophysics of Burbank, California, at each borehole location to evaluate the potential presence of subsurface utility lines or other underground obstructions. As an added precaution, the upper 5 to 7 feet of each borehole were advanced using an air knife or air vacuum tool to avoid damaging potentially undetected utilities. Also, prior to use of supply water for the drilling operations, water from the closest municipal water hydrant was sampled, and the samples were analyzed by the laboratory for COCs (Table 1). No COCs were detected above reporting limits in the hydrant water, with the exception of some compounds believed to be municipal supply disinfection byproducts (e.g., bromodichloromethane, bromoform, dibromochloromethane and chloroform).

The boreholes were drilled using a GEFCO Speedstar 30K or 50K drilling rig and the mud-rotary drilling method. This methods use a portable bentonite mud system for continuous circulation of drilling fluids to lubricate the drill bit and lift cuttings from the borehole. The drilling fluid consisted of powdered bentonite gel and water mixed according to manufacturers' specifications and adjusted by the driller to a viscosity appropriate for the materials encountered in the subsurface formation. Drilling fluids were injected through the drilling rods and circulated to the surface through the annular space between the drilling rods and the open borehole. The stability of the upper portion of each borehole was maintained by pneumatically driving 13 3/8-inch (outside diameter) conductor casing from the surface to a depth of approximately 20 feet. Drilled cuttings were lifted to the surface through the conductor casing and collected in a mud pit from which they were pumped to the portable bentonite mud system. The mud system separated the cuttings from the drilling fluids using a shaker fitted with fine mesh screens. The shaker delivered the cuttings to a 3-cubic-yard tilt hopper used to transfer the cuttings to roll-off bins pending laboratory analysis and disposal. The separated drilling fluids were collected in a sump below the shaker and recirculated to the borehole.

Upon reaching total depth, the driller conditioned the borehole for geophysical logging by raising the drill bit slightly and slowly rotating the bit while circulating drilling fluids to evacuate suspended solids from the borehole. Following the geophysical logging, the well was conditioned for installation of the well casing by circulating to remove suspended material, then thinning the drilling fluids with hydrant water to lower the viscosity of the mud.

Grab samples of the formation cuttings were described by visual-manual methods according to the Unified Soil Classification System (USCS) and logged by the attending California-registered Professional Geologist. Borehole logs (Appendix A) include the following information:

- Borehole identification and location;
- Start and finish dates for the borehole drilling;
- Description of soils according to the USCS;
- Depths of soil types encountered;
- Daily times and dates that drilling began and ended;
- Drilling equipment make and model;
- Borehole diameter;
- Comments on rig behavior, drilling rates and borehole conditions; and
- Name of the field geologist responsible for preparing the borehole log.

Lithologic contacts depicted on the borehole logs were estimated on the basis of drill cuttings, drill rig behavior, drilling rates and downhole conditions.

2.3.3 Installation and Sampling of Temporary Wells

As described in Addendum No. 1 to the Work Plan, temporary wells were planned initially as a screening tool for making decisions about the appropriate total depth of each borehole. However, the use of temporary wells was discontinued as an investigative technique when the RWQCB voiced an opinion that the data collected from the wells were not reliable for making decisions regarding well depth (Section 2.4.2).

In accordance with the initial strategy, temporary wells were installed in three boreholes (PW-5, PW-6 and PW-8 original) when, based on field observations, the field geologist deemed that the C Zone had been penetrated (Table 2). The temporary wells were installed based on the estimated depth to groundwater in the borehole and available information regarding hydrogeology and contaminant transport in the study area. The temporary well screen intervals were approved in advance by the RWQCB. These wells were constructed of nominal 4-inch (inside diameter) Schedule 80 polyvinylchloride (PVC) blank riser and 10 feet of 0.02-inch factory-slotted screen. The sand filter packs for the temporary wells were installed by pumping factory-clean Monterey No. 2/12 silica sand into the annular space from the bottom of the borehole to a depth above the top of the screened interval. The sand filter packs were sealed in place by pumping granular or chipped bentonite or a mixture of bentonite and Monterey No. 3 sand into the borehole annulus. The integrity of the seals was tested by monitoring fluid levels in the well casing and the borehole annulus during and after the bailing of the well. Additional bentonite was added as necessary until a complete seal was confirmed.

Groundwater flow into the temporary wells was confirmed by bailing until drilling fluids were removed and well recovery was observed. The first temporary well was installed in the original well PW-8 (designated PW-08-TW01-486) with the screen interval at a depth of 476 to 486 ft bgs. The temporary well was bailed dry and did not recover; thus, development and sampling was not conducted in this well. The borehole was advanced further, and a second temporary well in PW-8 original was installed with the screen interval at a depth of 692 to 702 ft bgs. The second temporary well installed in PW-8 original, as well as the two temporary wells installed in PW-5 (648 to 658 ft bgs) and PW-6 (635 to 645 ft bgs), encountered groundwater and were developed and sampled.

The wells were developed using a stainless steel bailer until the measured pH, temperature and electrical conductivity of the bailed groundwater were relatively stable (i.e., had approximate changes between consecutive readings of no more than ±1 degree in temperature, ±0.1 pH units and ±3% conductivity) and turbidity measurements approached the specification described in the Work Plan of 20 Nephelometric Turbidity Units (NTUs). Groundwater samples then were collected from the temporary wells using a factory-sealed, double-check valve, disposable, polyethylene bailer and analyzed for perchlorate and VOCs (Section 2.3.2). Due to the concerns voiced by the RWQCB about the validity of the temporary well sample data (Section 2.4.2), the data were not used for making decisions as to well depth, screen intervals or other field activities.

2.3.4 Geophysics and Well Design

2.3.4.1 Overview of Geophysical Tools

Geophysical logging was conducted in each completed borehole to supplement the geology identified during the visual borehole logging, to confirm lithologic contacts and to identify potential water-bearing zones in the aquifer. The information obtained from the downhole geophysical logging was the primary basis for the design of each multi-screened well. After the completion of drilling and prior to well installation, Pacific Surveys of Claremont, California, completed a suite of geophysical logs (Appendix B). The following geophysical tools were used to evaluate lithology, the presence of saturated alluvium and the condition of the borehole:

- Electric logs;
- Laterologs (also referred to as focused resistivity and guard logs);
- Natural gamma radiation logs;
- Sonic velocity logs; and
- Caliper logs.

First-encountered groundwater, including perched zones and the regional aquifer, was interpreted mainly from the sonic velocity log. Electric logs and focused resistivity logs (laterologs) clearly depicted changes in lithology and the depths of fine-grained units, both of which were critical to the successful placement of the well screens. The individual logging tools and their application to the objectives of the additional RI are discussed in the following sections.

2.3.4.2 Geophysical Logs

Electric Logs

The electric log comprises four separate measurements: spontaneous potential (SP), short normal resistivity (16-inch normal), long normal resistivity (64-inch normal) and single point resistance (SPR). For the purposes of this investigation, the SPR curve was replaced on the plot of the electric log by a focused resistivity log (laterolog 3). The electric log sonde also is equipped to measure natural gamma radiation, which is plotted with the SP curve on the left track of the log.

SP (also referred to as self potential) is a measure of voltage potentials (measured and recorded in millivolts) that develop naturally between the formation penetrated by the borehole and a grounded electrode at the surface. The SP log is largely a function of the contrast in the dissolved ion concentration of the borehole fluids versus that of the formation water.

Normal resistivity logs measure the apparent resistivity of the formation, also a function of the concentration of dissolved ions in the water contained within the formation. The depth of investigation depends on the distance between the current emitting electrode (A) and the voltage potential measurement electrode (M). The short (16-inch) and long (64-inch) normal logs refer to the spacing between the current and potential electrodes. The effective point of measurement is midway between the current electrode and the potential electrode. The 16-inch normal resistivity curve measures the zone nearest the borehole wall, which is often referred to as the "invaded zone" when mud-rotary drilling methods are used. The shallow radius of investigation can result in resistivity measurements that are affected by the drilling fluids. The 16-inch curve is plotted on the center track of the electric log, with resistivity values increasing to the right. The 64-inch normal resistivity curve measures resistivity deeper into the formation, largely beyond the invaded zone, and generally yields a resistivity value more representative of the natural formation. The 64-inch curve is plotted with the 16-inch curve on the center track of the electric log.

SPR is a measure of the resistance, in ohms, between an electrode in the borehole and a ground electrode at the ground surface. SP and SPR logs use the same electrodes to measure current and potential. SPR is recorded in the right-hand track of the conventional electric log and provides a qualitative measure of formation resistance. Unlike the normal resistivity logs, the SPR log is not affected by bed thickness so that resistance curve deflections are always in the right direction. SPR measurements are recorded as part of the conventional electric log and thus available as supplemental sources of lithologic information. In most cases, for the purpose of interpretation, the SPR curve was replaced by the focused resistivity (laterolog 3) curve in the right track of the electric log.

The electric log was used to identify the types of formation materials (e.g., gravel, sand and clay) and the contacts between them. The resistivity response on the logs was compared to the soil types observed during drilling, as recorded in the borehole logs. Changes in formation resistivity typically correlate with grain size, so the lowest resistivity measurements (i.e., deflections to the left in the resistivity curves) correspond to clays and silts and the highest resistivity measurements (i.e., deflections to the right in the resistivity curves) correspond to coarser sands and gravels.

Laterolog (LL3)

As a supplement to the conventional electric log, a focused electric or guard log (sometimes referred to as a laterolog) was used for vertical resolution of lithology and bed thickness. The guard log probe is a separate tool run independently of the normal electric log. It has a central current-source electrode mounted between two guard electrodes. All three electrodes are maintained at the same potential. The guard electrodes serve to focus the current from the current electrode into a flat disc about the width of the current electrode (10 cm). The focused current results in greater depth of investigation and resolution of thinner beds compared to the normal resistivity logs. The deeper penetration of the focused current also makes the guard log less susceptible to borehole conditions, resulting in more representative formation resistivity measurements.

Natural Gamma Radiation Log

The most significant naturally occurring gamma-emitting radioisotopes are potassium-40 and daughter products of the uranium and thorium decay series. Potassium is abundant in some feldspars and mica that decompose to clay. Uranium and thorium are concentrated in the clay by the processes of adsorption and ion exchange. For these reasons, fine-grained materials that contain abundant clay tend to be more radioactive than quartz sand and carbonate rocks. Gamma ray counts are collected with the electric log and plotted in the left track with the SP curve. The gamma ray logs were used with the normal resistivity and laterologs to interpret the presence of clays.

Sonic/Variable Density Log (VDL)

The sonic tool is designed to measure the time it takes for a compressional sound wave (P wave) to travel laterally from the tool's transmitter through the drilling fluid to the borehole wall, through the formation and back across the drilling fluid to the tool's receivers. The sonic tool has one transmitter that emits sound pulses at a frequency of approximately 23 megahertz and two receivers spaced at 3 feet and 5 feet above the transmitter to record the difference (i.e., delta) in time from transmission to reception. The travel time is related to the porosity of the formation and is recorded in microseconds.

The sonic log was used to investigate changes in porosity and to distinguish between air-filled and water-filled formation. The compressional wave attenuates in air-filled sediments, increasing the delta time, so that unsaturated portions of the borehole appear as a flat line on the log. The presence of water in the pore space of the formation effectively reduces the delta time so that saturated conditions cause a baseline shift to the right in the delta time curve. This feature of the sonic log was used to identify water-bearing zones encountered by the borehole. The sonic log also includes a display of the full wave train recorded by the 5-foot receiver on the sonic log tool showing the variability in the density of the material surrounding the borehole.

Caliper Log

The caliper log was used to record changes in the diameter and volume of the borehole. Changes in borehole diameter were related mainly to the consistency of the formation so that the greatest increases in diameter were associated with the presence of loose gravels or gravelly sands in the upper 200 feet of each borehole. In some cases, the caliper log indicated a borehole diameter slightly smaller than the reported bit size, which is the effect of a thicker mud cake in the lower portion of the borehole. The caliper log volumes were used by the driller to plan the volume of annular materials (e.g., sand, bentonite and grout) that would be needed during well construction.

2.3.4.3 Basis for Well Design

Preliminary well designs were prepared and submitted to the RWQCB for review and comment. The well designs then were finalized after consultation with and approval of the RWQCB. The locations of the screen intervals in each well were selected on the basis of several factors:

- Identification of saturated conditions, as indicated by the sonic velocity logs;
- Identification of the regional groundwater aquifer, as interpreted from the sonic velocity logs;
- Interpretation of soil types and lithologic contacts from the resistivity and focused resistivity curves in the electric logs and laterologs, respectively;
- Correlation of lithology based on geophysical logs with soil descriptions in the borehole logs;
- Comparison of target interval elevations with the elevations of screen intervals in other monitoring wells in the area, particularly the Westbay® system wells M-2 and M-3, which were previously installed for the County of San Bernardino; and
- Consideration of the objectives of the RWQCB for the additional RI.

After approval of the final well designs (Appendix C), the wells were constructed in the open boreholes, as described in the following sections.

2.3.5 Well Casing Installation and Development

Based on the criteria and process described above, a permanent multi-screen monitoring well was installed in each borehole. WDC Exploration and Wells (WDC) constructed the permanent monitoring wells in accordance with California Well Standards established by the Department of Water Resources. The wells were constructed with 10 feet of 4-inch-diameter stainless steel wire wrap screen (typically 0.02-inch slot size) across each water-bearing interval, with 10 feet of stainless steel riser casing above and below each screen. The remainder of each well was constructed of 4-inch-diameter low-carbon steel riser casing. Well casing materials were pressure-washed prior to or after delivery to the project site and inspected by WDC and GeoSyntec prior to installation in the borehole. Screen and well casings were flush-threaded, and a bottom cap was installed at the base of each well. Stainless steel centralizers were spaced at approximately 40-foot intervals to promote proper positioning of the well screen in the borehole.

The sand filter packs typically were constructed in the annular space from 3 feet below to 3 feet above each well screen using washed and packaged Lapis Lustre Monterey No. 2/12 sand. Seals were installed between each screened interval by using bentonite chips and Monterey No. 3 sand mixed at a ratio of one 100-lb. bag of sand to one 50-lb. bag of bentonite chips. This sealing mix extended to approximately 20 to 30 feet above the uppermost screened interval in each borehole. Above that depth, the well annulus was filled with neat cement amended with powdered bentonite gel added at a ratio of no more than 5 percent by weight. Annular materials were installed through a steel tremie pipe using a positive displacement pump. The monitoring wells were completed below ground in a traffic-rated, protective vault completed slightly above grade to promote drainage away from the well (Appendix C).

Well development followed the installation of the steel casings and included a rigorous sequence of steps designed to purge drilling fluids from the formation and sand filter pack surrounding each screened interval, thereby optimizing the water-producing capacity of each interval (Appendix D). The general sequence of development steps included the following:

- The wells initially were bailed to evacuate drilling mud from the well casing and partially remove mud from the sand pack and formation at each screen interval, allowing groundwater to flow into the well. The wells were bailed from the top down until the heavy mud was removed.

- The residual drilling mud and sediments were removed from the open casing by airlift pumping.

- Following the removal of drilling mud, each well screen was developed by swabbing and pumping to remove mud cake and fine sediment from the sand pack and formation in each screened interval. Dual-packer ("K" packer) and pump assemblies were used to isolate each screen by positioning packers above and below the screened intervals with a pump in between. Development of each interval continued until consecutive measurements of field parameters (i.e.; pH, conductivity and temperature) were stable (i.e., with approximate changes between consecutive readings of no more than ±1 degree in temperature, ±0.1 pH units and ±3% conductivity) and turbidity measurements approached 5 NTU.

- Where needed, the wells were jetted as a secondary development step where swabbing and pumping failed to adequately clear portions of the well screens. After the jetting, the well was pumped to remove dislodged sediment.

The volume of fluids developed from each well following well construction was recorded. The records of field parameter measurements were used to gauge the status of development (Appendix D).

2.3.6 Downhole Well Video

Following the completion of well development activities in each monitoring well, and prior to installation of the Westbay® system, Pacific Surveys conducted a side-scan video survey of the developed well screens to confirm the condition of each screen. In each well, the first video conducted revealed the need for further development of one or more screens prior to Westbay® system installation. Subsequent videos were completed in each well to confirm that each screen was adequately developed and that particulates in the water column had settled out and been removed prior to Westbay® system installation.

2.3.7 Westbay® Well Installation and Polishing

Technical services for the installation of the Westbay® groundwater monitoring systems were provided by Westbay Instruments, Inc., a Schlumberger Company, under contract to WDC. Westbay® system installation followed the completion of well development activities at each well. The depths of the various Westbay® system components for each well were based on the as-built design of the 4-inch-diameter steel wells that already had been installed. Westbay® system components arrived at the site new and in their original packaging and included the following:

- 1.5-inch-diameter Schedule 80 PCV blank casing;
- PCV couplings used to connect various casing components;
- PVC measurement-port couplings that allow access to the aquifer for pressure measurements and water sampling;
- PVC pumping-port couplings that allow access to the aquifer for well purging and aquifer testing; and
- Nitrile rubber inflatable packers that seal the annulus between each screened interval.

Prior to installation, the Westbay® system components were organized in sequence and numbered beginning with the lowermost section. The measurement port coupling and a pumping port coupling were installed within each screened interval, approximately 5 feet apart. Magnetic location collars were attached 2 feet below each measurement port (i.e., 3 feet above the respective pumping port). The system components were lowered into the well using a hoist rig. Each casing joint was tested with a minimum internal hydraulic pressure of 150 pounds per square inch (psi) for one minute to confirm hydraulic seals. Following installation, water was added to the installed Westbay® system, and the hydraulic integrity of the casing was monitored for a period of 30 minutes to confirm the casing was watertight prior to packer inflation.

A pre-inflation pressure profile was recorded at each well prior to inflating the packers to confirm the proper operation and position of measurement ports and magnetic collars. At each well, the data confirmed the ports were positioned correctly and operating properly. The packers were inflated sequentially from the bottom up using Westbay's vented inflation tool. The well construction and packer inflation details for each well were provided to WDC in a Westbay® System Monitoring Well Completion Report (Appendix E).

After the Westbay® system was installed, a polishing step was conducted to remove residual mixed water remaining from the initial well development. The polishing was completed using a low-flow submersible pump that fit inside the 1.5-inch diameter Westbay® casing. The pumping port in each screened interval was opened, and approximately three well casing volumes of groundwater were evacuated. This process was repeated for each screened interval until the polishing step was completed.

2.4 Groundwater Monitoring Program

2.4.1 Sampling and Gauging Events

Several different types of groundwater sampling and/or gauging events were conducted as part of this additional RI. These events comprised the following:

- Sampling of temporary wells (Section 2.2.3);
- Sampling of the individual screen intervals at boreholes PW-5 through PW-9 after installation and development of the 4-inch-diameter steel casing but before installation of the Westbay® string ("preliminary sampling event");
- Sampling from the individual Westbay® ports at boreholes PW-5 through PW-7 after installation and development of the Westbay® system ("initial Westbay® sampling event"); and
- Sampling and gauging of the 160-acre parcel monitoring wells (PW-1 through PW-9) and piezometers (PW-2A through PW-4A) and the Target well (TW-1) approximately one month after the installation and polishing of the last Westbay® well was completed ("August 2006 sampling event").

Sampling was conducted in general accordance with the project-specific FSP, QAPP and HSP. For the preliminary sampling event, each screened interval was purged using a submersible pump. The sampling interval was isolated from the remainder of the well and the other screens by use of a rubber K-packer above and below the targeted screen interval. The pump was connected to and between the packers and connected to the surface using 2-inch galvanized steel discharge pipe. Field measurements of water quality parameters (i.e., temperature, pH, specific conductance and turbidity) were recorded periodically during purging using a Horiba U-10 water quality meter. Each zone was judged satisfactorily purged when water quality parameters had stabilized in three consecutive readings to ±1 degree in temperature, ±0.1 pH units, ±3% conductivity and ±10% turbidity (Appendix F). After purging, the samples were collected from the individual screened zone, and the process was repeated at the next zone.

For sampling at the conventional wells PW-1 through PW-4, the wells first were purged using electric submersible pumps. After three well volumes were purged from each, water quality parameters (i.e., temperature, specific conductance, turbidity and pH) were measured at ¼ well volume intervals using a Horiba-U10 water quality meter. The well was considered stabilized after three consecutive readings of ±1 degree in temperature, ±0.1 pH units, ±3% conductivity and ±10% turbidity had been achieved (Appendix F). Groundwater samples then were collected using a factory-sealed, double-check valve, disposable, polyethylene bailer.

For the initial Westbay® sampling event and the August 2006 sampling event at PW-5 through PW-9, Westbay's proprietary MOSDAX sampler probe was used. Westbay® ports typically are not purged prior to sampling due to the impracticality of purging through the 2-mm sampling port as well as the expectation that the chemistry in the aquifer will have equilibrated sufficiently to provide representative samples from the aquifer at each zone. Trained personnel performed the sampling by lowering the MOSDAX sample probe into the Westbay® casing and locating the desired port using magnetic sensors. The sampling probe then was "docked" at the desired measurement port. After docking, the probe was sealed around the port and the valve was opened from controls at the ground surface so the sample could be collected. Groundwater samples were collected in 125-milliliter (mL) Westbay® stainless steel containers suspended below the probe, with up to four containers linked together for each downhole pass. After the sample was taken, the valve was closed and the MOSDAX sampler and Westbay® containers were brought up to the surface. After the stainless steel Westbay® containers were brought to the surface, the sample was transferred from the Westbay® containers to the appropriate laboratory-supplied sample containers. This process of lowering the MOSDAX and sampling containers and collecting and retrieving the sample was repeated as often as necessary until the required volume of sample was retrieved.

Quality control (QC) checks were documented in the Westbay® sampling log (Appendix G). Fluid pressures (zone pressure) were measured inside and outside the Westbay® casing during the sampling process to confirm that the sample containers were filling with formation water.

After sampling, unfiltered groundwater samples were transferred into laboratory-supplied containers, labeled and transported to TestAmerica, Inc. (TestAmerica) of Irvine, California. TestAmerica is certified by the California Department of Health Services' Environmental Laboratory Accreditation Program (ELAP). Temporary well samples were analyzed within a 24-hour turnaround period, while other samples were analyzed using standard laboratory turnaround times. Quality assurance (QA) and QC samples were collected in accordance with the project's Quality Assurance Project Plan (QAPP) [GeoSyntec, 2006] and included equipment and trip blank samples as well as duplicate samples.

Gauging at traditional monitoring wells and piezometers was performed using an electronic sounding device. The static water level was measured and recorded to the nearest 0.01 foot. Groundwater gauging was performed prior to groundwater purging and sampling. Each screen of Westbay® wells PW-5 through PW-9 was gauged using the MOSDAX sample probe. The sample probe measures both atmospheric pressure and hydrostatic pressure, which can be converted to a piezometric level with respect to an established datum.

2.4.2 Groundwater Analyses

Groundwater samples were analyzed for various parameters, depending on the particular sampling event and the requirements outlined in the QAPP, as follows:

- Samples from temporary wells PW-8 original, PW-5 and PW-6 were analyzed for VOCs and perchlorate;

- Samples from the preliminary sampling events at boreholes PW-5 through PW-9 were analyzed for VOCs and perchlorate;

- Samples from the initial Westbay® sampling event from wells PW-5 through PW-7 were analyzed for VOCs and perchlorate; and

- Samples from PW-1 through PW-9 during the August 2006 sampling event were analyzed for perchlorate, VOCs, chlorate, potassium, nitrate and ammonia as nitrogen, with two exceptions (samples from wells PW-7 and PW-9 were analyzed for VOCs and perchlorate only).

Equipment and trip blank samples were analyzed for VOCs. Duplicate samples were analyzed for the same COCs as the primary well samples.

The aforementioned analyses were conducted using the methods listed below:

- VOCs by USEPA Method 5030B/8260B;
- Perchlorate by USEPA Method 314.0;
- Chlorate by USEPA Method 300.1;
- Potassium by USEPA Method 6010B;
- Nitrate as nitrogen by USEPA Method 300.0; and
- Ammonia as nitrogen by Standard Method (SM) 4500-NH_3, F.

2.4.3 Decontamination and Waste Handling

Drilling equipment was decontaminated prior to and between drilling at each borehole location by steam cleaning and/or high-pressure hot water cleaning. Vehicles and other heavy equipment operated during the field investigation also were decontaminated to reduce the risk of contamination.

Non-dedicated conventional sampling equipment (i.e., pipes and pumps) was decontaminated both before and after samples were collected. The equipment was decontaminated using a solution of decontamination detergent (e.g., Alconox®) and water, followed by a potable water rinse and, finally, a distilled water rinse. Drilling equipment was decontaminated in the field and/or at the contractor's yard by (i) immersion in decontamination liquid and scrubbing and/or (ii) steam cleaning or high-pressure hot water cleaning.

Westbay® sampling equipment was decontaminated first by washing the stainless steel sample collection bottles in a solution of non-phosphate detergent (e.g., Liquinox®) and rinsing the bottles with distilled water. The interior surfaces of the MOSDAX sampling probe and the hoses and valves associated with Westbay®

sampling bottles were decontaminated by forcing several volumes of Liquinox® and distilled water through them and conducting a final rinse with distilled water. The rinsing was accomplished by forcing several volumes of distilled water through the equipment using a clean plastic squeeze bottle dedicated to this purpose.

At each borehole location, wastewater generated from the decontamination procedures was pumped into roll-off bins for temporary storage pending laboratory analyses and off-site disposal. Investigation-Derived Waste (IDW) such as drill cuttings, decontamination waste and purge water, was stored in Department of Transportation (DOT) approved containers. Samples of IDW were collected from the roll-off bins and analyzed for one or more of the following analytes to evaluate the appropriate methods for disposal:

- Density per displacement methods (for drilling mud samples);
- Percent moisture per USEPA Method 166.3;
- Perchlorate per USEPA Method 314.0;
- pH per USEPA Method 150.1;
- Specific conductance per USEPA Method 120.1;
- Title 22 metals per USEPA series 6010 Methods;
- Total dissolved solids (TDS) per USEPA Method 160.1;
- Total petroleum hydrocarbons (TPH) per USEPA Method 8015M; and
- VOCs per USEPA Method 5030B/8260B.

IDW from the additional RI was considered non-hazardous and was transported offsite by Haz Mat Trans, Inc., of San Bernardino, California, and delivered to an appropriate licensed facility for disposal. Waste drill cuttings and drilling mud (solids) were disposed of at the Philadelphia Recycling Mine facility in Mira Loma, California, and at the McKittrick Waste Treatment facility in McKittrick, California. Wastewater was disposed of at U.S. Filter in Los Angeles, California, and at the McKittrick Waste Treatment facility.

2.5 <u>Modifications to the Additional Remedial Investigation Work Plan</u>

2.5.1 General Explanation

Due to unexpected field conditions, some modifications to the Work Plan, FSP and QAPP were made. These modifications were discussed with and approved by the RWQCB in advance. Below is a summary of the material modifications to the Work Plan.

2.5.2 Temporary Well Installation and Sampling

In accordance with Addendum No. 1 to the Work Plan, temporary wells were installed at boreholes PW-5, PW-6 and PW-8 original when, based on field observations, the field geologist deemed that the C Zone had been penetrated. The results of the analyses from the temporary wells were shared with the RWQCB, and a decision was made whether to drill deeper or to finish the borehole at the depth of the temporary wells. On 22 March 2006, the RWQCB voiced concerns regarding the use of the temporary well data for making the decision on well depth. In several cases, the RWQCB required that the boreholes be drilled approximately 50 feet deeper than the depth at which non-detectable results of perchlorate were obtained from the temporary wells. In response to these discussions and requests, it was agreed with the RWQCB that future wells would be drilled to specific target depths in lieu of installing temporary wells and using the resultant data to evaluate well depth. Pursuant to this discussion with RWQCB, temporary wells were not installed in boreholes PW-7, PW-8 and PW-9.

2.5.3 Abandonment and Re-Drill of PW-8

On 13 March 2006, after the drilling of the borehole at PW-8 original and installation of the 4-inch-diameter steel well, it was discovered that the well had been installed in such a way that it was 20 feet short of its intended position. The error caused all of the screen intervals to be 20 feet higher than the targeted water-bearing units, with bentonite seals opposite the screened intervals, thus preventing groundwater from entering the well. No feasible corrective measures were identified. In consultation with the RWQCB, the decision was made to abandon the original PW-8 location and to re-drill another borehole within the compound of WVWD Well #22.

2.5.4 Sampling and Gauging Program

An attempt was made to obtain access to the City of Rialto's production wells No. 1, 2, 3, 4, 5 and 6 prior to the initiation of borehole drilling so that the water quality information obtained from discrete intervals in the production wells could be used to guide decisions regarding well depths and screen intervals. However, as a result of the inability to resolve water disposal issues, which prevented the ability to operate and purge the wells, with the RWQCB's approval, the sampling of the City of Rialto's production wells was eliminated from the scope of work for the investigation.

Furthermore, an attempt was also made to gain access to select USGS monitoring wells (1N/5W-27D2, 1N/5W-27D3, 1N/5W-28J2 and 1N/5W-28J3) and WVWD Well #22. However, access issues and other complications prevented the coordinated sampling event from occurring. The RWQCB was made of aware of these issues during the additional RI.

3 PHYSICAL CHARACTERISTICS OF THE STUDY AREA

3.1 Data Collected

The study area geology was investigated by drilling six exploratory boreholes using mud-rotary methods.[4] The following are provided relative to the geologic information collected during the additional RI:

- Borehole logs (Appendix A).
- Geophysical logs (Appendix B);
- As-built well construction diagrams (Appendix C); and
- A summary of well construction details (Table 3).

3.2 Geology and Hydrogeology of the Study Area

As noted in Section 1.2.3, groundwater in the Basin occurs within alluvial sediments at depths generally below 450 feet, and groundwater flow is generally to the southeast [Dutcher and Garrett, 1963 & Woolfenden and Kadhim, 1997]. The Basin's four hydrostratigraphic units are the river-channel deposits and the upper, middle and lower water-bearing units [Woolfenden and Kadhim, 1997; Woolfenden and Koczot, 2001]. The middle water-bearing unit comprises the uppermost aquifer system beneath the 160-acre parcel. It consists primarily of coarse to medium sand and interbedded silt and clay and ranges in thickness from about 240 to 600 feet. The lower water-bearing unit is areally extensive throughout the Basin and consists of interbedded sand and clay [Woolfenden and Kadhim, 1997]. Within the middle water-bearing unit, three aquifers have been identified: the upper aquifer (A Zone); an intermediate aquifer (B Zone); and a deep, regional aquifer (C Zone) [GLA, 1997 and 2003]. The three aquifers are separated by aquitards ranging in thickness from only a few feet to more than 30 feet.

The newly installed wells in the study area cover a large area extending more than 3 miles southeast of the 160-acre parcel and other operations in north Rialto. The current interpretation of the geology and hydrogeology of the study area is informed both by a review of previously available information as well as information gained during drilling and installation of the five newly installed monitoring wells (PW-

[4] Figure 4 depicts the locations of the five boreholes in which groundwater monitoring wells were installed. The sixth location is the PW-8 original, which was advanced on Buxton Avenue between Phil Ochs Avenue and Maple Avenue.

5 through PW-9). The visual-manual descriptions of drill cuttings recorded in the borehole logs and the geophysical logs completed in each borehole provide the basis for the discussion.

The general conclusions listed below may be drawn from the available data regarding the geology of the study area (Figures 6, 7, 8):

- The uppermost section (100 to 200 feet) of each borehole comprises a coarsening upward sequence of gravelly, well-graded sands and gravels.

- Below the uppermost section are stacked sequences of fine to coarse sand grading upward to silts and clays (fining upward sequences). These sequences extend from depths of approximately 135 to 400 feet and are especially well developed at the PW-8 location.

- Below the graded sequences are thinly to thickly bedded clays and clayey sands interbedded with predominantly poorly to well-graded sands.

- The B Zone aquifer occurs within the interval described immediately above in heterogeneous thin sand stringers, interbedded with clays and perched above the regional aquifer (C Zone) in the vicinity of new wells PW-8 original and PW-8.

- The regional aquifer (C Zone) is a thick sequence of poorly graded, silty, fine sands with interbedded clayey sands and clays and is approximately 500 feet thick in the vicinity of PW-9, where it is underlain by a silt and clay aquitard more than 70 feet thick.

The aquitard that separates the B Zone from the deeper regional aquifer appears to pinch out, or terminate, south of well PW-8 and may not exist in the vicinity of wells PW-5 and PW-6. This conclusion is supported by the geophysical logs of the PW-5 and PW-6 boreholes, which did not indicate the presence of perched groundwater above the regional aquifer, and the geophysical logs completed in PW-8 original and PW-8, in which perched groundwater corresponding to the B Zone was observed. In its November 2005 report on the installation of monitoring wells M-1 through M-4, GLA stated that hydraulically separate units may not exist near the Rialto Airport [GLA, 2005]. The above-noted findings of this investigation are consistent with that observation.

Evidence of the existence of the B Zone as perched groundwater is provided in the sonic log for well PW-8, which clearly shows the presence of the perched groundwater zone; screen interval PW-8a was constructed in this zone. The water level calculated from hydrostatic pressure measurements in screen interval "a" correlates with the water levels in other B Zone wells in the vicinity. A zone of perched groundwater also is apparent in the sonic log recorded in well PW-8 original. At the time of the field monitoring, the perched zone is approximately 18 feet thick at PW-8 original and appears on the log between depths of 454 and 472 ft bgs. At PW-8 (replacement), the perched zone was approximately 50 feet thick at the time of the field monitoring, extending from a depth of 412 to 452 ft bgs. The alluvium appears to be unsaturated between the perched groundwater zone and the regional aquifer, which was encountered at depths of approximately 528 and 600 ft bgs in wells PW-8 original and PW-8, respectively. The groundwater elevations calculated from hydrostatic pressures measured in well PW-8 screen intervals "b" through "e" are consistent with those reported for wells installed in the C Zone.

Groundwater elevations calculated for the screened intervals in wells PW-5, PW-6, PW-7 and PW-9 indicate these wells are installed in the C Zone (regional aquifer). The multiple screened intervals within each well have similar groundwater elevations, and, thus, the various depths monitored appear to be hydraulically connected. This finding is consistent with the measurements reported by GLA for Westbay® wells M-2 and M-3 and other "N" wells completed in the C Zone.

Preliminary groundwater contour maps for B Zone and C Zone wells (Figures 9 and 10) were prepared using available data from the August 2006 sampling event. These maps were generated using a Spline algorithm to interpolate between measurement points. The flow directions in both zones generally are consistent with the overall southeasterly flow direction reported previously. The water levels measured in two of the C Zone piezometers at the 160-acre parcel (PW-2A and PW-3A) were not used in the contouring because of an ongoing evaluation of anomalously high water levels recently measured in well PW-2A and an historical decline in the water elevation in well PW-3A believed to be related to well repair activities conducted in January 2005. These anomalies and preliminary contours should be revisited upon receipt of other contemporaneous data for monitoring wells in the study area (e.g., Pyro Spectaculars, USGS).

3.3 Groundwater Elevations and Flow Directions

Groundwater elevations calculated from the August 2006 sampling event were used to prepare groundwater elevation contour maps for the B Zone and C Zone aquifers in the study area (Figures 9 and 10, respectively). The contour maps were prepared using groundwater elevation data collected from the Goodrich monitoring wells and piezometers as well as additional wells in the study area that have been installed by others (e.g., the County of San Bernardino, Target). The contour maps were used to evaluate groundwater flow directions across the study area and are a function of current conditions only; historically, the groundwater flow regime may have been different in response to varying pumping and recharge conditions. Data gaps exist that make the interpretation of groundwater flow, as shown in the contour maps, preliminary at best (Section 4.1). Also, gauging dates are not identical for all wells evaluated, thus further complicating the preliminary interpretation.

Table 4 includes historical groundwater elevations measured at monitoring wells PW-1 through PW-9 and TW-1, as well as piezometers PW-2A through PW-4A. The measurements were made between October 2004 and September 2006.

4 NATURE AND EXTENT OF CONTAMINATION

4.1 Data Collected

The nature and extent of contamination in the study area are informed by the data collected during the following events conducted during this additional RI:

- Temporary well sampling;
- Preliminary sampling event;
- Initial Westbay® sampling event; and
- August 2006 sampling event.

Other available data also inform the current knowledge of the nature and extent of contamination. These data include results from past sampling of monitoring wells PW-1 through PW-4 as well as information available from other parties in the study area (e.g., the County, USGS, water purveyors).

4.2 Results of Additional RI

4.2.1 Temporary Well Data

Temporary wells were installed in boreholes PW-5, PW-6 and PW-8 original during drilling (Table 2). Temporary wells were not installed in other boreholes (Section 2.4.2). Samples from the temporary wells in boreholes PW-5, PW-6 and PW-8 original were analyzed for VOCs and perchlorate. Perchlorate and TCE were not detected in the samples collected from the temporary wells installed in boreholes PW-5, PW-6 and PW-8 original (Table 5, Appendix H). Minor detections of other VOCs (non-COCs) were reported.

The analytical results of QC samples associated with the temporary well sampling are presented in Table 6.

4.2.2 Preliminary Sampling Event Data

Sampling of individual screen intervals was performed at boreholes PW-5 through PW-9 after installation and development of the 4-inch-diameter steel casing but prior to installation of the Westbay® well. Below is a summary of the results (Table 7, Appendix I):

- Perchlorate was measured in the following concentrations ranges over the various screen intervals sampled:

  - 440 to 510 µg/L in samples from well PW-5;
  - Non-detectable to 2.1 µg/L in samples from well PW-6;
  - 3.8 to 6.0 µg/L in samples from well PW-7;
  - 180 µg/L in samples from each water-producing screen interval of well PW-8[5]; and
  - 39 to 62 µg/L in samples from well PW-9.

- TCE was measured in the following concentration ranges over the screen intervals sampled:

  - Non-detectable (method detection limit of 0.26 µg/L) to 18 µg/L in samples from well PW-5;
  - Non-detectable in samples from well PW-6;
  - Non-detectable to estimated trace concentrations of 0.42 µg/L in samples from well PW-7;
  - 19 to 25 µg/L in samples from the water-producing intervals of well PW-8;
  - Trace concentrations to 1.2 µg/L in samples from well PW-9.

- Other non-COCs (e.g., methylene chloride, chloroform, toluene) were detected at concentrations below or just above the project reporting limits.

Generally, the concentrations measured in samples from the various screen intervals in each particular well were relatively consistent from screen to screen. This may reflect the mixing between screens that may have occurred during development and well construction. The mixing effect is expected to fade over time, and a more clearly stratified pattern is expected to emerge in subsequent sampling events.

[5] The shallowest screen is located within a low-producing, perched water-bearing interval above the regional water table and, at the time, did not produce adequate water to collect a sample.

4.2.3 Initial Westbay® Sampling Event Data

Sampling of individual Westbay® ports was performed at boreholes PW-5 through PW-7 after the installation and polishing of the Westbay® system. Due to close proximity in time between when the polishing of Westbay® wells PW-8 and PW-9 was completed and when the August 2006 sampling event was planned, wells PW-8 and PW-9 were not sampled after the polishing but were sampled for the first time after the Westbay® well installation and polishing in August 2006 (Section 3.2.4). Below is a summary of the results of the sampling event (Table 8, Appendix J):

- Perchlorate was measured in the following concentration ranges over the various screen intervals sampled:

  - Non-detectable to 1,200 µg/L in samples from well PW-5, with the highest concentration occurring at interval PW-5c and the lowest screen having a non-detectable concentration;

  - Non-detectable to 1.3 µg/L in samples from well PW-6; and

  - Non-detectable to 7.5 µg/L in samples from well PW-7.

- TCE was measured in the following concentration ranges over the various screen intervals sampled:

  - Estimated trace concentrations to 34 µg/L in samples from well PW-5, with the highest concentration occurring at screen interval PW-5c.

  - Non-detectable in samples from well PW-6; and

  - Non-detectable to an estimated trace concentration of 0.6 µg/L in samples from well PW-7.

- Other non-COCs (e.g., methylene chloride, 1,2 dibromo-3-chloropropane, 1,2,3-trichlorobenzene and 1,2,4 trichlorobenzene) were measured at estimated trace concentrations. Naphthalene was detected in one sample at a concentration just over the reporting limit.

As expected, some stratification in contaminant profiles was observed in the interim Westbay® sampling.

4.2.4 August 2006 Sampling Event Data

4.2.4.1 Description

Groundwater monitoring of the newly installed Westbay® multi-port wells PW-5 through PW-9 was conducted in August 2006. In addition, the four traditional monitoring wells installed in and around the 160-acre parcel (PW-1 through PW-4) were sampled in August 2006 as well. Sampling of those four wells has been ongoing since October 2004, pursuant to the Administrative Order. The frequency of monitoring initially was monthly (October through December 2004) and quarterly thereafter, starting 1 January 2005. The August 2006 sampling event was coordinated with the County, which agreed to gauge select wells contemporaneously with Goodrich's August 2006 sampling event, although it had completed a comprehensive sampling event in July 2006. Goodrich also coordinated with Pyro Spectaculars so that its three wells (9 screens) were gauged and sampled contemporaneously with Goodrich's August 2006 event. Furthermore, Goodrich gauged the water elevation in Target's well in August 2006, in accordance with precedent since August 2005.

During the August 2006 event, 33 groundwater samples were collected from wells PW-1 through PW-4 and from each screen of the Westbay® wells PW-5 through PW-9.[6,7] Results are summarized below (Tables 9, 10 and 11, Appendix K).

4.2.4.2 Perchlorate (Table 9, Figure 11)

- At PW-1, perchlorate was not detected in August 2006. In previous events, perchlorate has not been detected in samples from this upgradient well, with two exceptions in the winter of 2004/2005, where the maximum detection was 6.3 µg/L.

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[6] Westbay® wells PW-5, PW-6 and PW-8 have five screen intervals each, and Westbay® wells PW- 7 and PW-9 have seven screen intervals each, for a total of 29 screen intervals. The screen intervals are labeled alphabetically from the top (i.e., screen "a" is the upper screen). Conventional wells PW-1 through PW-4 consist of one screen interval each.

- At PW-2, perchlorate was measured at 3,600 µg/L during the August 2006 sampling event. The highest measured concentrations of perchlorate in the Basin have been detected in PW-2. The maximum concentration was in April 2006 and totaled 10,000 µg/L. Concentrations in PW-2 have been on the decline since that time.

- At PW-3, perchlorate was measured at 110 µg/L in August 2006, which marks the highest concentration in a sample from that well since its installation.

- At PW-4, perchlorate was measured at an estimated trace concentration of 1.6 µg/L in August 2006. Monitoring results for perchlorate in samples from this well have not exceeded 6 µg/L.

- At PW-5, perchlorate was detected in samples from the upper three screen intervals in August 2006. Concentrations ranged from 160 to 210 µg/L in the upper "a" and "b" screen intervals to 1,200 µg/L in screen interval "c". Perchlorate was reported as ND from the two lower screen intervals.

- At PW-6, perchlorate was measured at concentrations up to 1.9 µg/L in samples from the upper three screen intervals ("a" through "c") and was not detected in samples from the two lowest screen intervals ("d" and "e").

- At PW-7, perchlorate was detected in samples from the upper three of the seven screen intervals at concentrations ranging from 3.6 to 7 µg/L. Perchlorate was not detected in samples from the four lower screen intervals.

- At PW-8, perchlorate was detected in samples from all five screen intervals, at concentrations ranging from 46 µg/L at the deepest screen interval ("e") to 140 µg/L at the shallowest screen interval ("a").

- At PW-9, perchlorate was detected in samples from six of seven screen intervals at concentrations ranging from 1.4 to 190 µg/L (PW-9c). The

[7] Screen "a" of PW-8, which was dry during the preliminary sampling event, produced water during the August 2006 sampling event and was sampled.

highest concentrations were in samples from the third and seventh screen intervals.

4.2.4.3 Trichloroethene (Table 9, Figure 11)

- At PW-1, TCE was not detected in August 2006, nor in previous rounds of monitoring.

- At PW-2, TCE was measured at 310 µg/L in the sample collected during the August 2006 sampling event. This well is the location where the highest concentrations of TCE have been detected in samples collected among the nine PW monitoring wells. Concentrations have ranged from 36 to 420 µg/L

- At PW-3, TCE was measured at 110 µg/L in the sample collected in August 2006, which marks the highest concentration in a sample from that well since its installation. Concentrations of TCE have ranged from 8.9 to 110 µg/L.

- At PW-4, TCE was measured at an estimated trace concentration of 0.76 µg/L in August 2006. Monitored TCE concentrations have not exceeded 5 µg/L in samples from this well.

- At PW-5, TCE was measured in the upper four screen intervals in samples collected in August 2006. Concentrations ranged from 16 to 25 µg/L in the samples collected from the upper three screen intervals to 2.7 µg/L in samples from screen "d". TCE was not detected in samples from the lowest screen interval.

- At PW-6, TCE was not detected in samples collected from its five screen intervals.

- At PW-7, TCE was detected in samples from two of the seven screen intervals (screens "b" and "c") at estimated trace concentrations of 0.54 to 0.56 µg/L. TCE was not detected in samples from the other five screen intervals.

- At PW-8, TCE was detected in samples from all five screen intervals, at concentrations ranging from 9.8 µg/L at the deepest screen interval to 22 µg/L at the shallowest screen interval.

- At PW-9, TCE was detected in samples from three of seven screen intervals at concentrations ranging from 1.7 to 5.1 µg/L. The detections were in samples from the third, sixth and seventh screen intervals; TCE was not detected in samples from the remaining four screen intervals.

4.2.4.4 Other VOCs (Table 9)

Five other VOCs were detected in one or more samples collected during the August 2006 sampling event. Only two of these constituents (chloroform and toluene) were measured above trace concentrations. The other constituents (methylene chloride, chloromethane and naphthalene) were measured at estimated trace concentrations below the project reporting limit.

4.2.4.5 Additional Analytes (Tables 10 and 11)

- Potassium was detected in all samples analyzed at varying concentrations ranging from to 2,100 to 44,000 µg/L (Table 10).

- Ammonia[8] was reported as ND or was measured at estimated trace concentrations in the samples from the various wells and/or screen intervals (Table 11). Ammonia generally is oxidized to form nitrate in the nitrogen cycle.

- Nitrate[9] was detected in all but one sample analyzed, and measured at concentrations ranging from 0.12 to 6.5 mg/L. The exception is the August 2006 sample from PW-2, in which the measured concentration of nitrate as nitrogen was 16 mg/L (Table 11).

[8] Ammonia can be measured in several forms. In this study, it has been measured as nitrogen (Ammonia-N).
[9] Nitrate can be measured in several forms. In this study, it has been measured as nitrogen (Nitrate-N).

- Chlorate was detected in samples from monitoring wells PW-1, PW-2 and PW-4 at estimated trace concentrations ranging from 0.0041 to 0.008 mg/L (Table 11).

4.2.4.6 Quality Assurance/Quality Control

Field duplicates, equipment blanks and trip blanks were collected at each day of the sampling event for QA/QC purposes (Tables 12 and 13).

4.3 Data Validation

4.3.1 Quality Assurance/Quality Control Procedures

The following analyses were performed on the groundwater samples collected as part of the additional RI:

- USEPA Method 8260B for VOCs;
- USEPA Method 314.0 for perchlorate;
- USEPA Method 3510C/8015 Mod for Hydrocarbon Chain Analysis;
- USEPA Method 418.1 for Total Recoverable Hydrocarbons;
- USEPA Method 6010B for metals;
- USEPA Method 6010B for potassium;
- USEPA Method 300.0 for nitrate as nitrogen;
- SM 4500-NH3.F for ammonia as nitrogen; and
- USEPA Method 300.1 for chlorate.

4.3.2 Quality Assurance/Quality Control Measures

The QA/QC practices for the project are specified in the project-specific QAPP [GeoSyntec, 2006] and included:

- Adherence to strict protocols for field sampling and decontamination procedures;

- Collection and laboratory analysis of appropriate equipment blanks, field blanks and trip blanks to monitor for contamination of samples in the field or the laboratory;

- Collection and laboratory analysis of field duplicates as an indication of sampling and analytical precision;

- Laboratory analysis of laboratory control samples (LCS), matrix spike (MS) and MS duplicate samples and duplicate samples to evaluate analytical precision and accuracy; and

- Attainment of completeness goals.

To evaluate the quality of the data and the consistency between field and laboratory activities, chain-of-custody forms were checked before final delivery of the samples to the laboratory. Upon receipt of the laboratory reports, the chain-of-custody documentation was checked by the GeoSyntec Project Manager against the analyses conducted to evaluate that the analyses had been conducted. The laboratory reports also were checked to evaluate that the laboratory QA program had been performed in accordance with the requirements of each specific USEPA testing method. The laboratory reports were received as Level II data packages, and Tier II data validation was performed on 20 percent of the data (Appendix L).

4.3.3 Data Validation Results

The results of the data validation indicated that minimal qualifications were applied to the data, no data were rejected and the data are useable for their intended purpose. The following is a summary of the QA/QC results:

- Holding times were met for the samples collected.

- Detections of common laboratory contaminants were identified both at estimated levels and at levels greater than their reporting limits in some of the associated method blanks. Based on these results, some associated sample results were elevated to non-detections during the data validation process. None of the data were rejected based on these results.

- Surrogate recoveries for both primary and QA/QC data were found to be within acceptable ranges.

- The QC samples (LCS, MS, MS duplicate samples and laboratory duplicates) were found to be within acceptable ranges. Minimal qualifications were applied to the data based on the QC sample results, and none of the data were rejected based on these results.

- A minimal number of data qualifications were applied to the data based on the presence of estimated concentrations or concentrations above the reporting limit of compounds in the equipment blanks. None of the data were rejected based on these results.

- Laboratory results for trip blank samples indicated non-detectable levels for most analytes tested. Minimal data qualifications were applied to the data based on identification of estimated concentrations or concentrations above the reporting limit of VOCs in the trip blanks. None of the data were rejected based on these results.

- No qualifications were applied to the data based on the hydrant water sample results.

- For the majority of the field duplicates, the relative percent difference (RPD) criteria of less than 30 percent was met.

5 CONTAINANT FATE AND TRANSPORT

This additional RI was performed to gain further understanding of (i) the nature and extent of COCs in the study area and (ii) the hydrogeological conditions for the purpose of developing and evaluating effective remedial alternatives. As indicated above, during this additional RI, Goodrich, with the assistance of the RWQCB, coordinated with the County of San Bernardino and Pyro Spectaculars to perform a coordinated Basin-wide groundwater monitoring event, as described in the Work Plan. Goodrich also attempted, unsuccessfully, to coordinate with the USGS and the water purveyors to obtain contemporaneous sampling data. As stated in the Work Plan, the locations of certain wells installed by Goodrich as part of this additional RI were selected with respect to the locations of existing production wells and certain other existing monitoring wells. Therefore, it was intended that gauging and sampling activities would be coordinated with activities conducted by other parties and data would be collected from monitoring and production wells owned by other entities to facilitate interpretation by use of Basin-wide data contemporaneous in origin. To date, despite being requested, not all information and data have been made available from the other parties. Data interpretation in the absence of these data is of limited use and is premature at this time. Once a complete data set is received, a comprehensive analysis of fate and transport in the study area should be developed. Furthermore, additional water quality data are needed from the newly installed Westbay® wells to allow for equilibration of the groundwater chemistry.

In particular, below is a list of existing data not yet provided to Goodrich that should be assessed and considered, if reliable, in the interpretation of groundwater contaminant fate and transport in the Basin:

- Water quality data from the County of San Bernardino's July 2006 sampling event;[10]

- Recent water quality and elevation data from production wells in the study area, including the City of Rialto's production wells # 1, 2, 3, 4, 5 and 6 and WVWD Well #22;[11]

[10] Groundwater elevation data from the County's investigations up through August 2006 are available, with the last update received on 7 September 2006.
[11] The last available water quality data from WVWD Well #22 is dated January 2005. No elevation data for the production well have been provided.

- Recent water quality and elevation data for the several USGS wells within and in the vicinity of the study area (1N/5W-21K, 1N/5W-27D, 1N/5W-27J 1N/5W-29Q and 1N/5W-34D, 1N/5W-22N and 1N/5W-35B);[12]

- As-built well construction diagrams, surveyed coordinates and water level data for August 2006 for wells CMW-01, -02 and -03 installed on behalf of Pyro Spectaculars on the 160-acre parcel in the spring/summer of 2006;[13] and

- As-built well construction diagrams, surveyed coordinates, and post-installation water level and quality data for monitoring wells CMW-04 and -05 installed on behalf of Emhart on the 160-acre parcel.[14]

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[12] The last available water quality data from the USGS wells is dated December 2005. The last available elevation data for the USGS wells is dated February 2006. Disparate levels of detail are available for the six USGS wells of interest.

[13] Water quality data for August 2006 were provided on 5 September 2006. The RWQCB has indicated that a report on the well installation is forthcoming, but a submittal date has not been established.

[14] Water quality data for temporary wells installed in borehole CMW-05 were provided on 27 September 2006. The RWQCB has indicated that a report on the well installation is forthcoming, but a submittal date has not been established.

6 CONCLUSIONS AND RECOMMENDATIONS

6.1 Summary and Conclusions

In accordance with the draft Work Plan submitted to the RWQCB on 14 October 2005 and its Addendums #1 and #2, which were collectively approved on 16 December 2005, the field investigation as part of the second phase of an RI by Goodrich was conducted from 30 January to 1 September 2006 and included the following:

- Installation of five multi-screen, permanent Westbay® groundwater monitoring wells (PW-5 through PW-9) downgradient (i.e., southeast) of the 160-acre parcel;
- Gauging of groundwater elevations (monthly) in the monitoring wells PW-1 through PW-9 and TW-1 and piezometers PW-2A through PW-4A;
- Sampling (quarterly) of monitoring wells PW-1 through PW-9;
- Coordinated, contemporaneous sampling and/or gauging with the County of San Bernardino and Pyro Spectaculars in August 2006 (coordinated efforts with USGS, the City of Rialto and WVWD were unsuccessful);
- Analysis of the data and information collected in the course of the additional RI; and
- Preparation of this Report to document the field activities and findings.

The results of this investigation indicate several general preliminary conclusions regarding the geology and hydrogeology of the study area, as listed below.

- The aquitard that separates the B Zone from the deeper regional aquifer appears to pinch out south of well PW-8 and may not exist in the vicinity of wells PW-5 and PW-6.
- The B Zone appears to exist as perched groundwater, based on sonic geophysical logs and hydrostatic pressure measurements.

- The C Zone (regional aquifer) is a thick sequence of poorly graded, silty, fine sands with interbedded clayey sands and clays. Portions of the C Zone appear to be hydraulically connected, as evidenced by piezometric head measurements in wells PW-5, PW-6, PW-7 and PW-9.

- The C Zone (regional aquifer) appears to be underlain by a silt and clay aquitard, approximately 70 feet of which were penetrated during this additional RI.

- During the period of the additional RI, groundwater flow in both the B and C Zones was generally southeast, although the C Zone exhibits a stronger eastward component of flow east of the MVSL.

The results of the analyses for COCs revealed the presence of perchlorate and TCE throughout the study area, displaying a high variance in concentrations, locations and depths, which is inconsistent with a simple source-plume migration model. Additional conclusions include the following:

- Upgradient of the 160-acre parcel (PW-1), perchlorate and TCE generally have not been detected, with a few exceptions for perchlorate at very low concentrations.

- Concentrations in samples from well PW-2 have decreased to 3,600 µg/L since its highest measured concentration of 10,000 µg/L in April 2006.

- In addition to the aforementioned wells, perchlorate and TCE have been detected at varying levels in samples at certain depths from wells PW-3, -4, -5, -7, -8 and -9.

The analysis of the fate and transport of the COCs should include consideration of other available water quality data not yet provided by other parties. Data from the USGS, City of Rialto and WVWD also would be useful in interpreting and drawing conclusions relative to the fate and transport of COCs in the study area.

6.2 Recommendations

The RI/FS process should be continued, consistent with the NCP, in order to evaluate the appropriate remedial actions with respect to the 160-acre parcel and other areas in the Rialto Ground Water Management Zone. As described in Section 4.2, data have been collected in recent months in the study area and are in the process being reported by other parties. In addition, another round of coordinated sampling should be performed among the parties in November 2006. Thereafter, the RI should be continued by thoroughly evaluating the collected data to assess the fate and transport of COCs in the Rialto Ground Water Management Zone, identifying any data gaps warranting additional investigation or treatability studies, identifying potential exposure routes for contaminant migration, evaluating potential operable units, further identifying ARARs, and preparing a baseline risk assessment. A feasibility study should also be initiated, consistent with the NCP, including the development and screening of remedial alternatives, a detailed analysis of remedial alternatives and costs, and the recommendation of a remedial action.

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who witnessed the events described herein and those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Karen E. Schmitt, P.E.
Professional Engineer No. C 59218

10/21/2006
Date

Kendall D. Kitchings, P.G.
Professional Geologist No. 6542

10-21-06
Date

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FIGURES

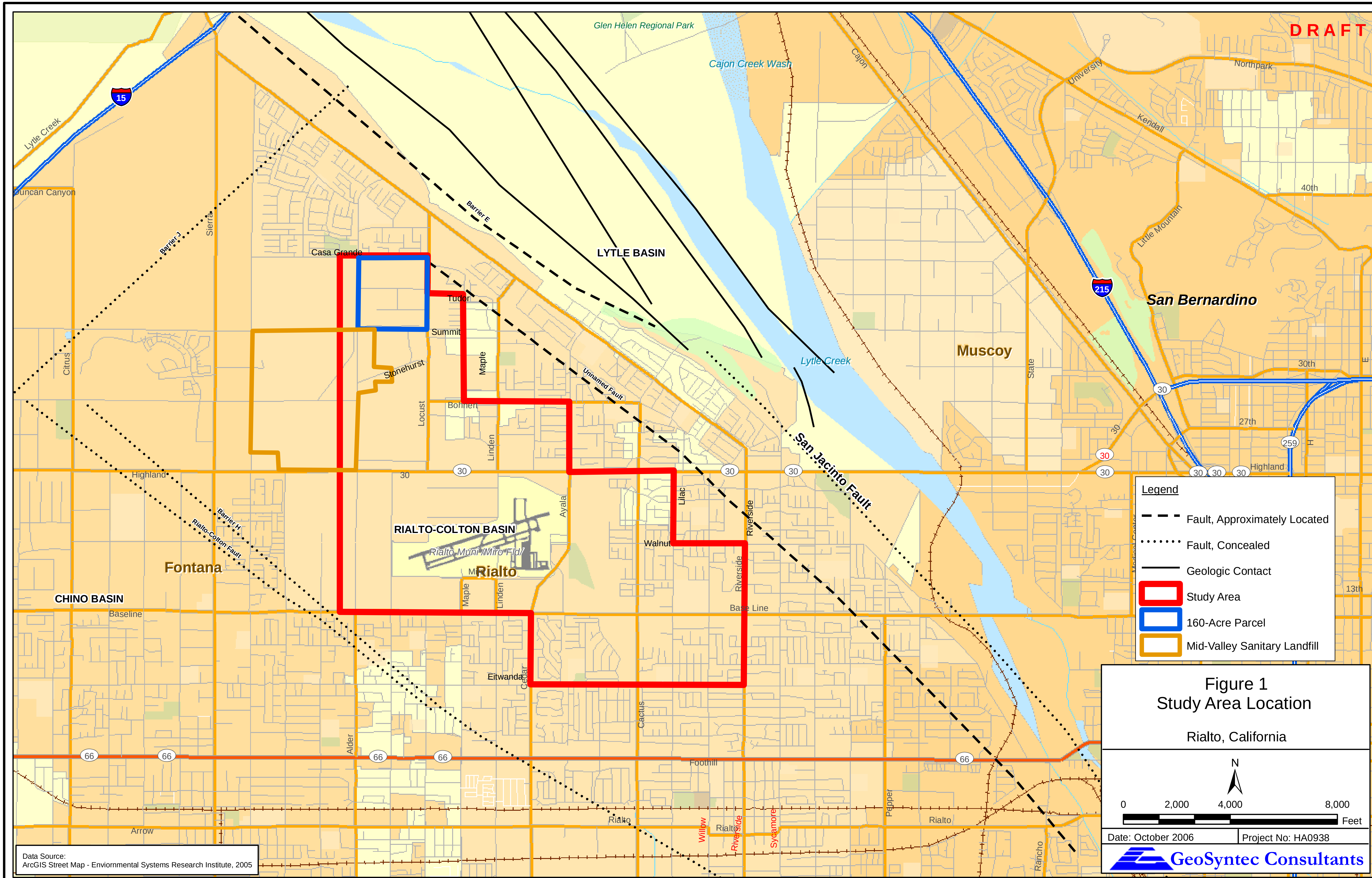

Figure 1
Study Area Location
Rialto, California

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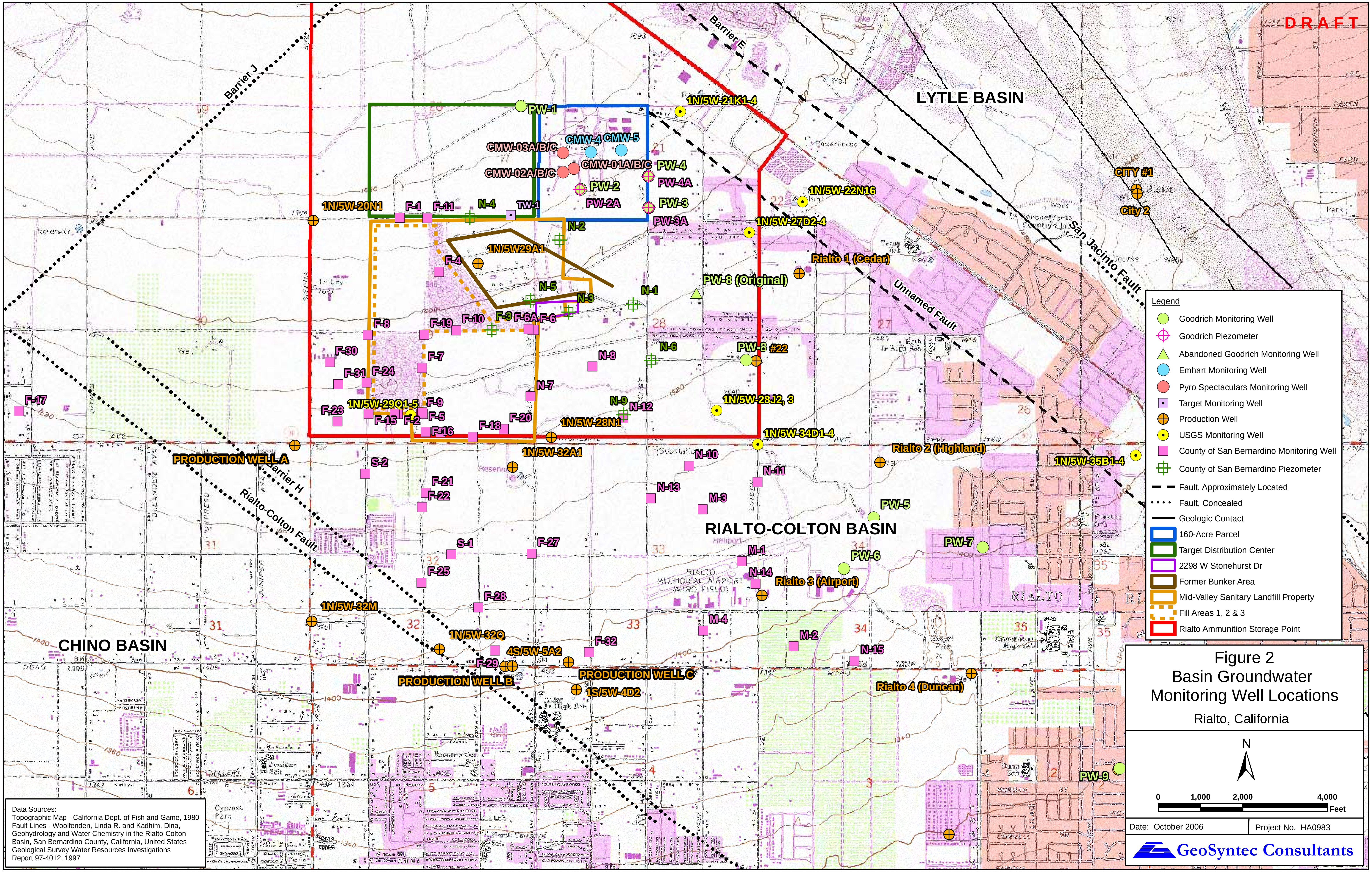

Figure 2
Basin Groundwater Monitoring Well Locations
Rialto, California

P:\GIS\HA0938\PROJECTS\20060920\BasinGroundwaterWellLocations_20060922.mxd KNP 20060929

Figure 3
Study Area Features

Rialto, California

Date: October 2006

Project No: HA0938

GeoSyntec Consultants

Data Source:
Aerial Photograph - Airphoto USA, 2006

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Figure 4
160-Acre Parcel Groundwater Monitoring Well Locations

Rialto, California

Date: October 2006 | Project No: HA0938

GeoSyntec Consultants

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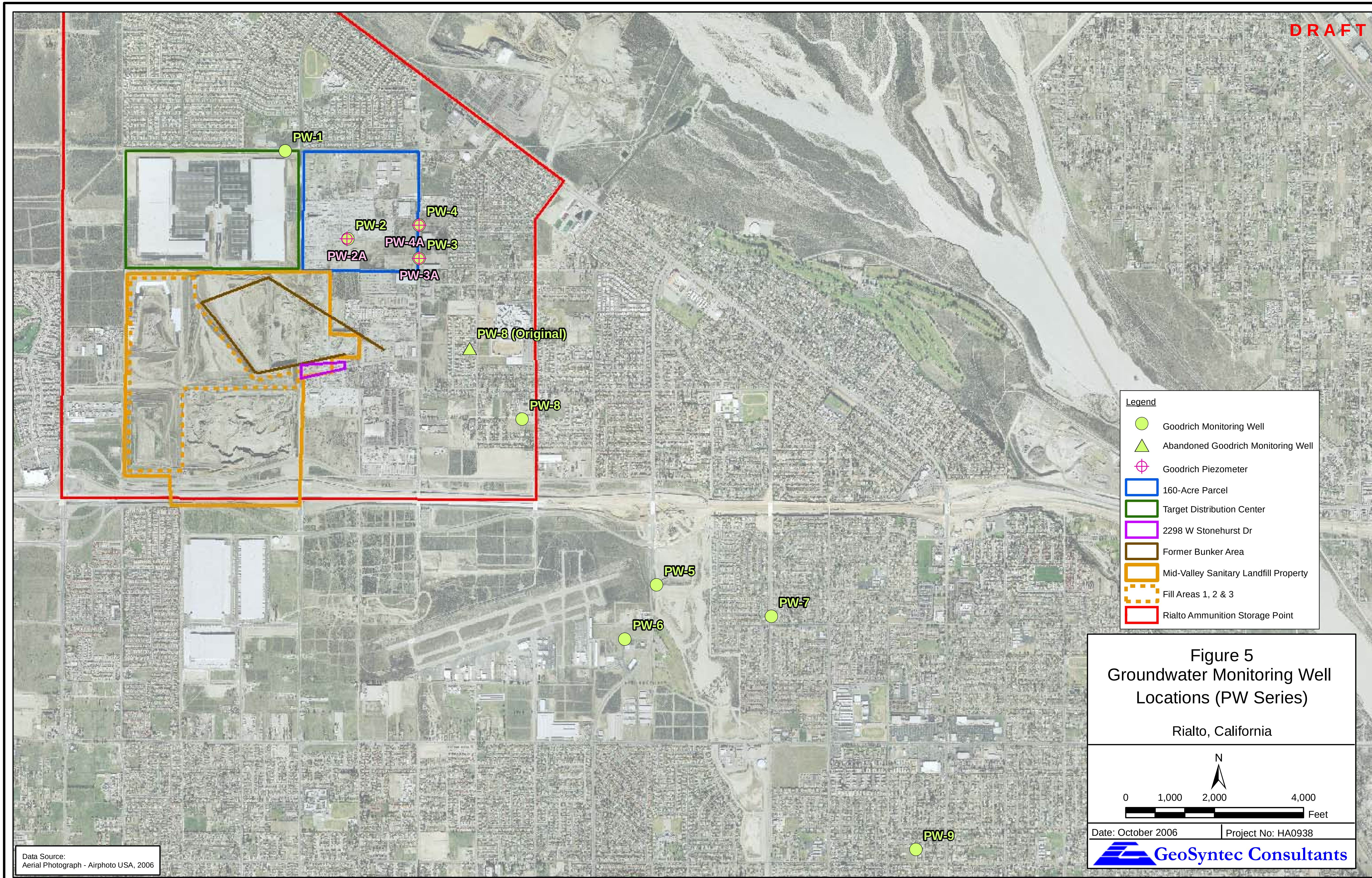

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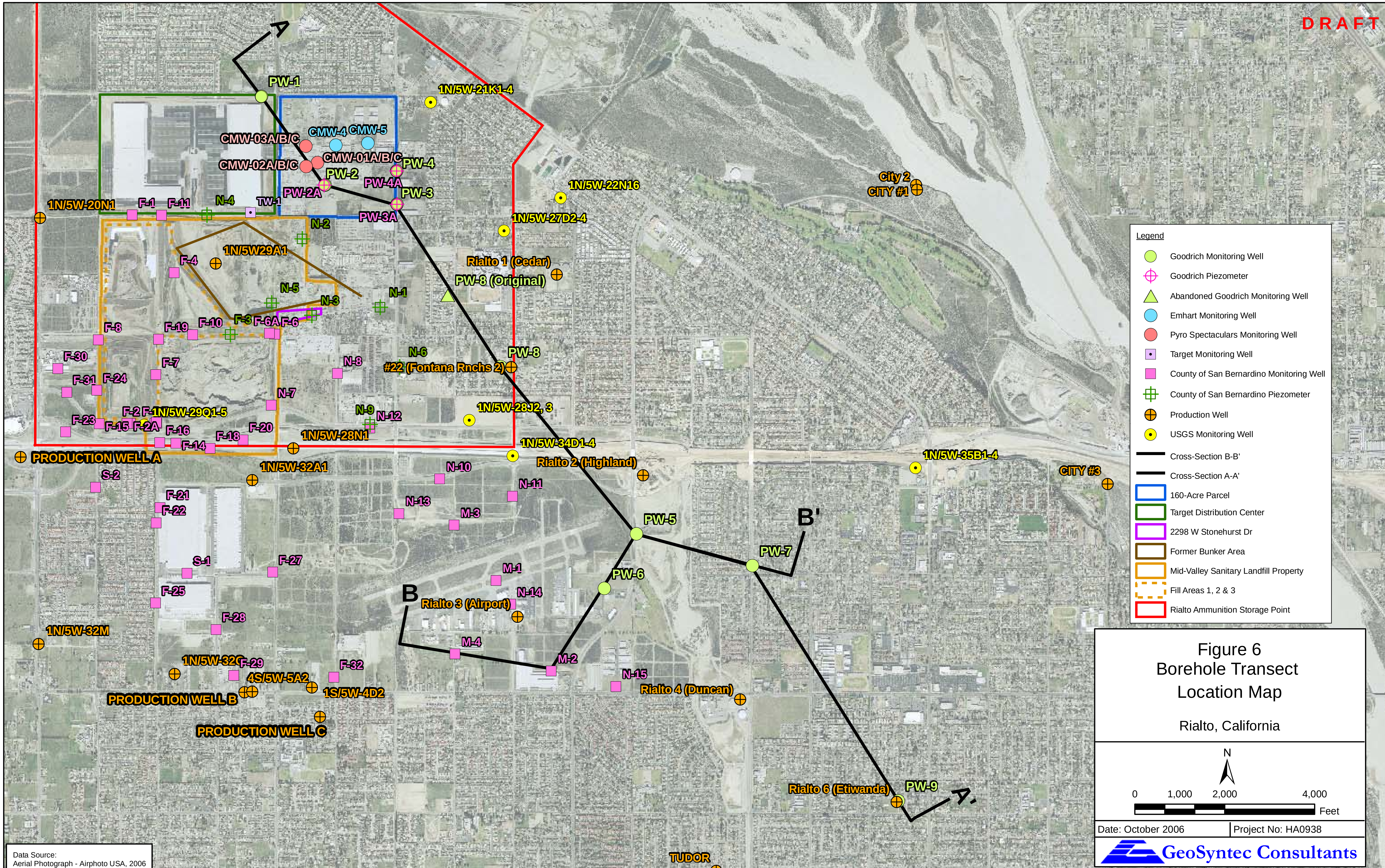

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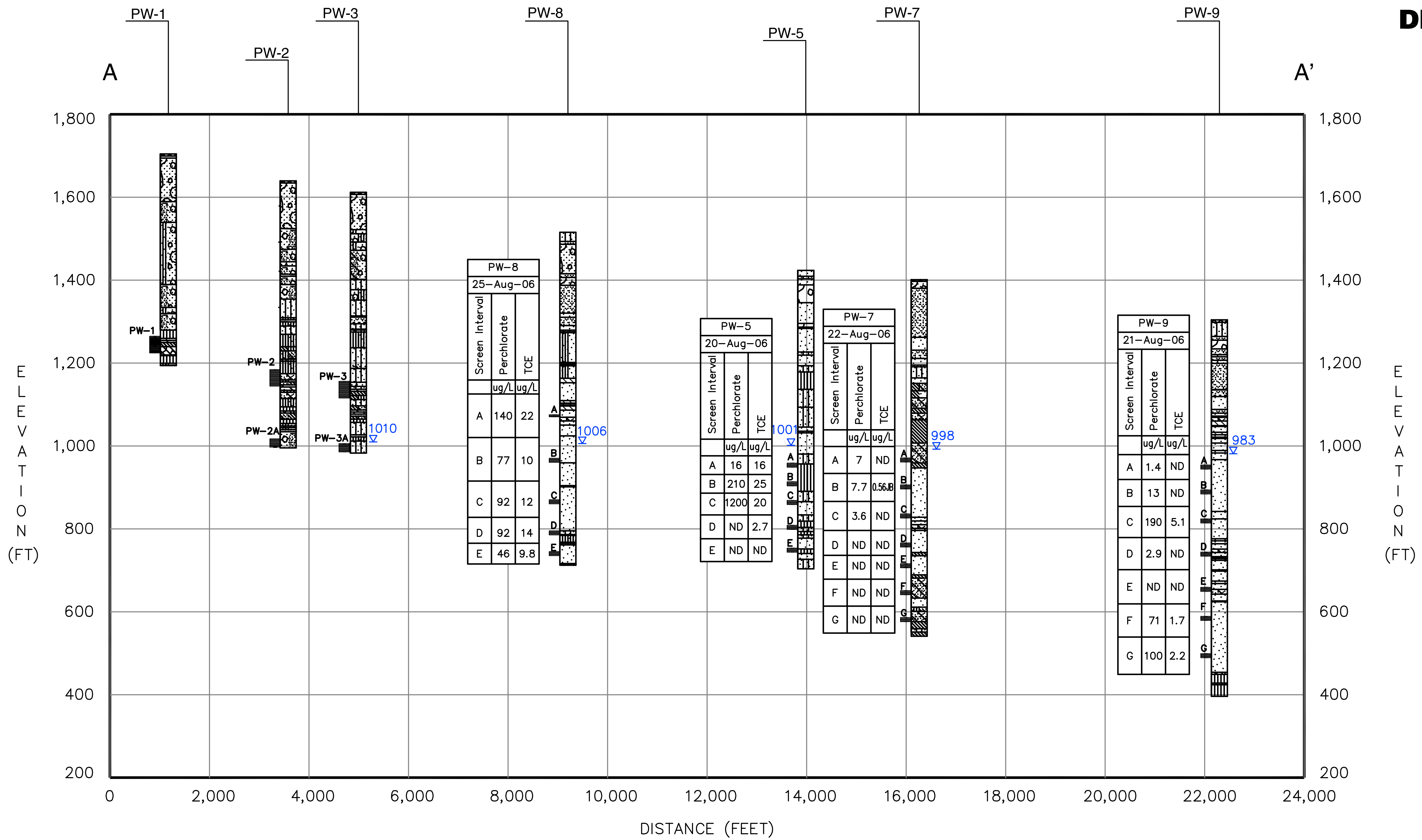

PW–8		
25–Aug–06		
Screen Interval	Perchlorate	TCE
	ug/L	ug/L
A	140	22
B	77	10
C	92	12
D	92	14
E	46	9.8

PW–5		
20–Aug–06		
Screen Interval	Perchlorate	TCE
	ug/L	ug/L
A	16	16
B	210	25
C	1200	20
D	ND	2.7
E	ND	ND

PW–7		
22–Aug–06		
Screen Interval	Perchlorate	TCE
	ug/L	ug/L
A	7	ND
B	7.7	0.56JB
C	3.6	ND
D	ND	ND
E	ND	ND
F	ND	ND
G	ND	ND

PW–9		
21–Aug–06		
Screen Interval	Perchlorate	TCE
	ug/L	ug/L
A	1.4	ND
B	13	ND
C	190	5.1
D	2.9	ND
E	ND	ND
F	71	1.7
G	100	2.2

LEGEND

ug/L	MICROGRAMS PER LITER
ND	NOT DETECTED
TCE	TRICHLOROETHENE

NOTE:

REFER TO KEYSHEET CLASSIFICATIONS AND SYMBOLS IN APPENDIX A FOR EXPLANATION OF USCS GRAPHIC SYMBOLS.

GEOSYNTEC CONSULTANTS

BOREHOLE TRANSECT A–A'

RIALTO, CALIFORNIA

FIGURE NO.	7
PROJECT NO.	HA0938
DOCUMENT NO.	–
DATE:	OCTOBER 2006

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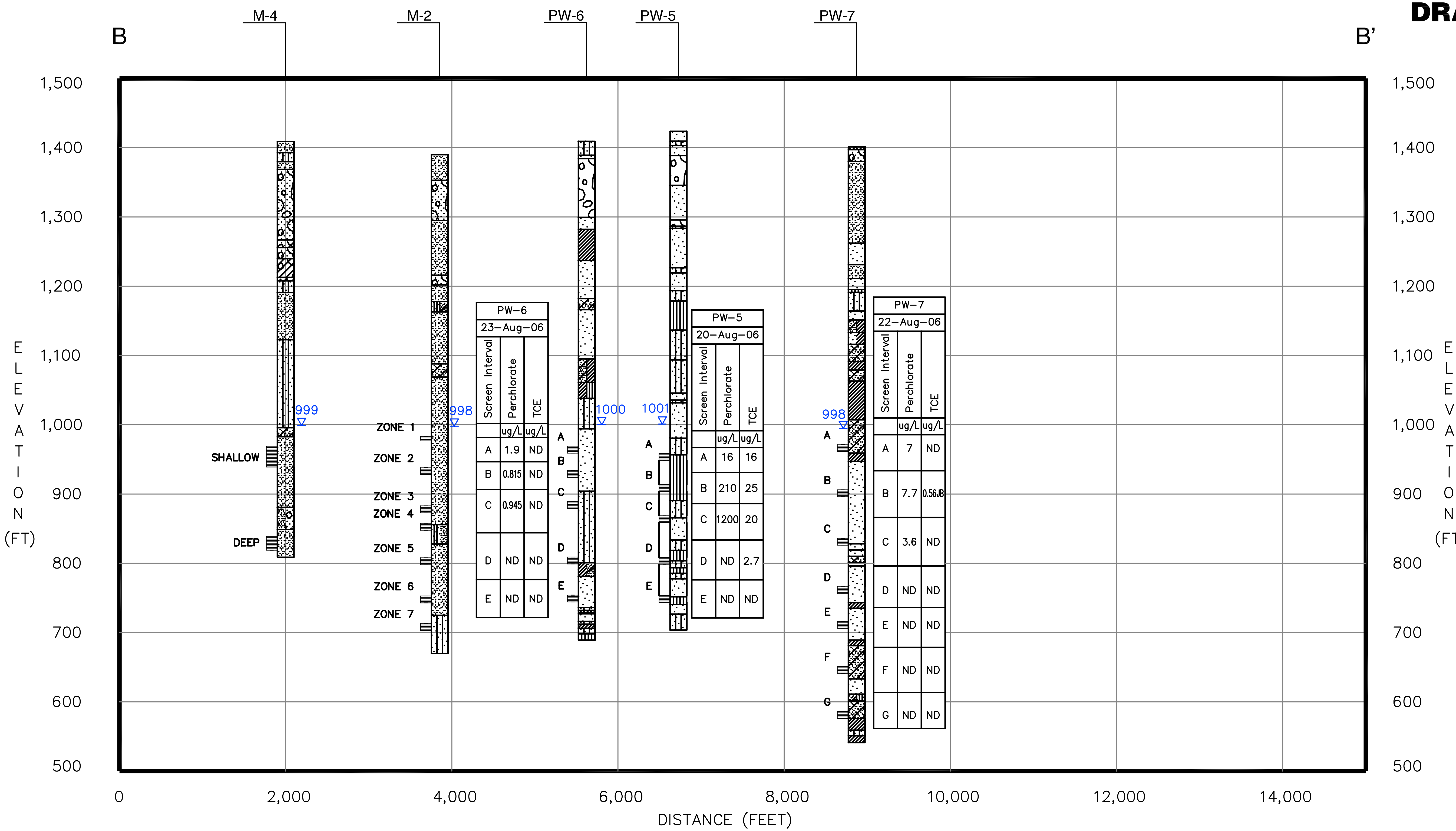

PW-6		
23-Aug-06		
Screen Interval	Perchlorate	TCE
	ug/L	ug/L
A	1.9	ND
B	0.815	ND
C	0.945	ND
D	ND	ND
E	ND	ND

PW-5		
20-Aug-06		
Screen Interval	Perchlorate	TCE
	ug/L	ug/L
A	16	16
B	210	25
C	1200	20
D	ND	2.7
E	ND	ND

PW-7		
22-Aug-06		
Screen Interval	Perchlorate	TCE
	ug/L	ug/L
A	7	ND
B	7.7	0.56JB
C	3.6	ND
D	ND	ND
E	ND	ND
F	ND	ND
G	ND	ND

LEGEND

ug/L	MICROGRAMS PER LITER
ND	NOT DETECTED
TCE	TRICHLOROETHENE

NOTE:

REFER TO KEYSHEET CLASSIFICATIONS AND SYMBOLS IN APPENDIX A FOR EXPLANATION OF USCS GRAPHIC SYMBOLS.

GEOSYNTEC CONSULTANTS

BOREHOLE TRANSECT B–B'

RIALTO, CALIFORNIA

FIGURE NO.	8
PROJECT NO.	HA0938
DOCUMENT NO.	–
DATE:	OCTOBER 2006

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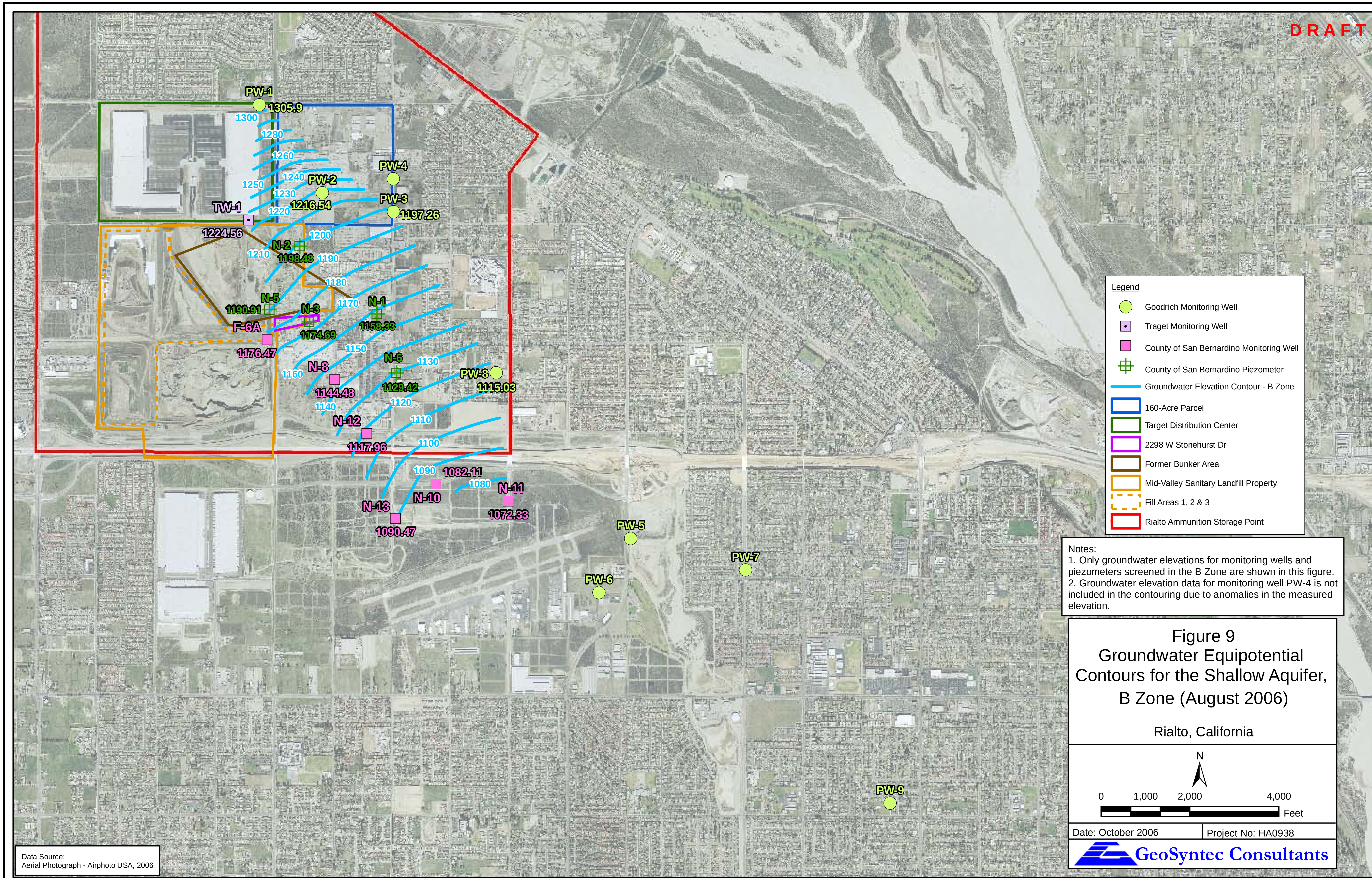

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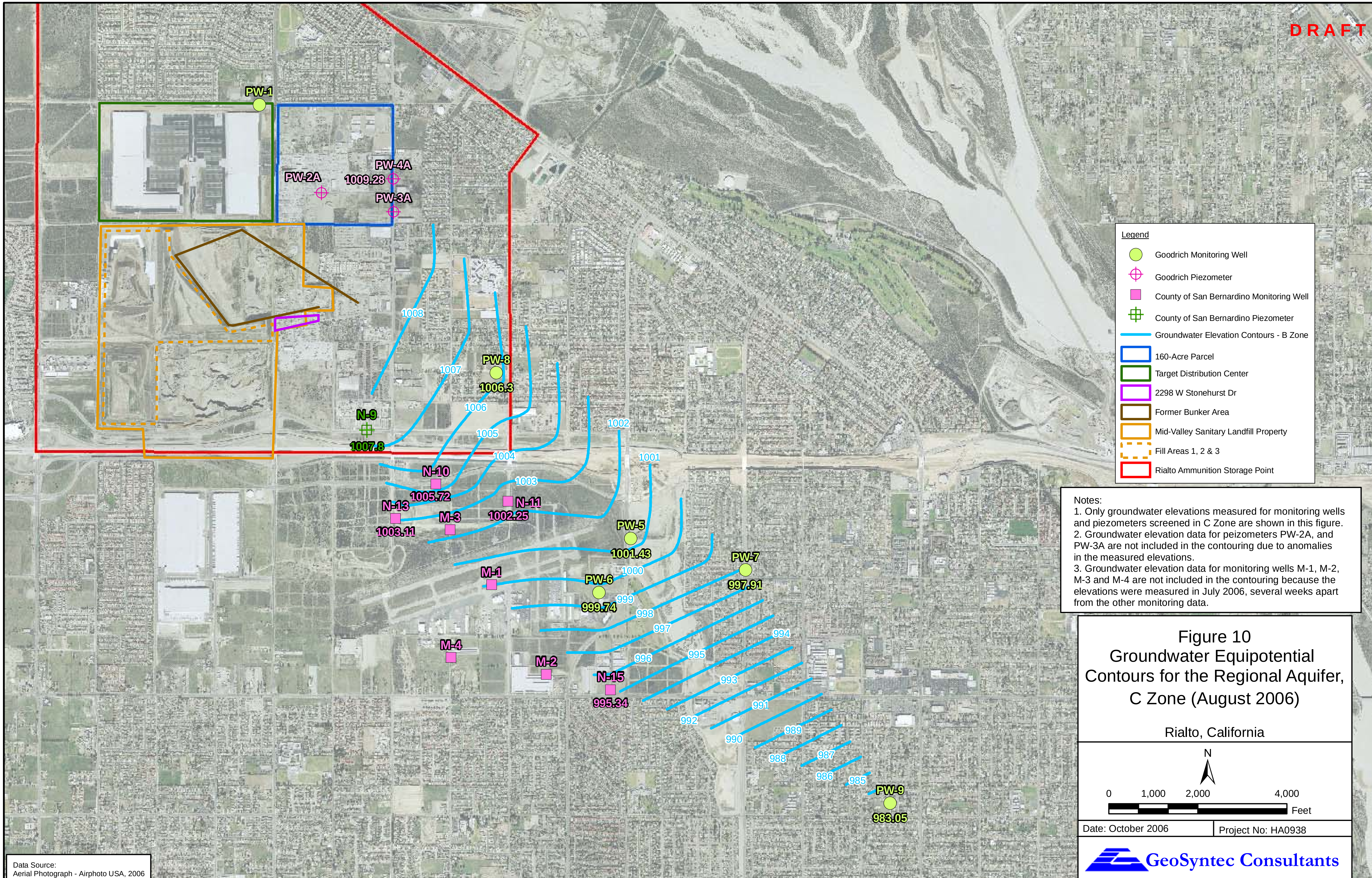

Figure 10
Groundwater Equipotential Contours for the Regional Aquifer, C Zone (August 2006)

Rialto, California

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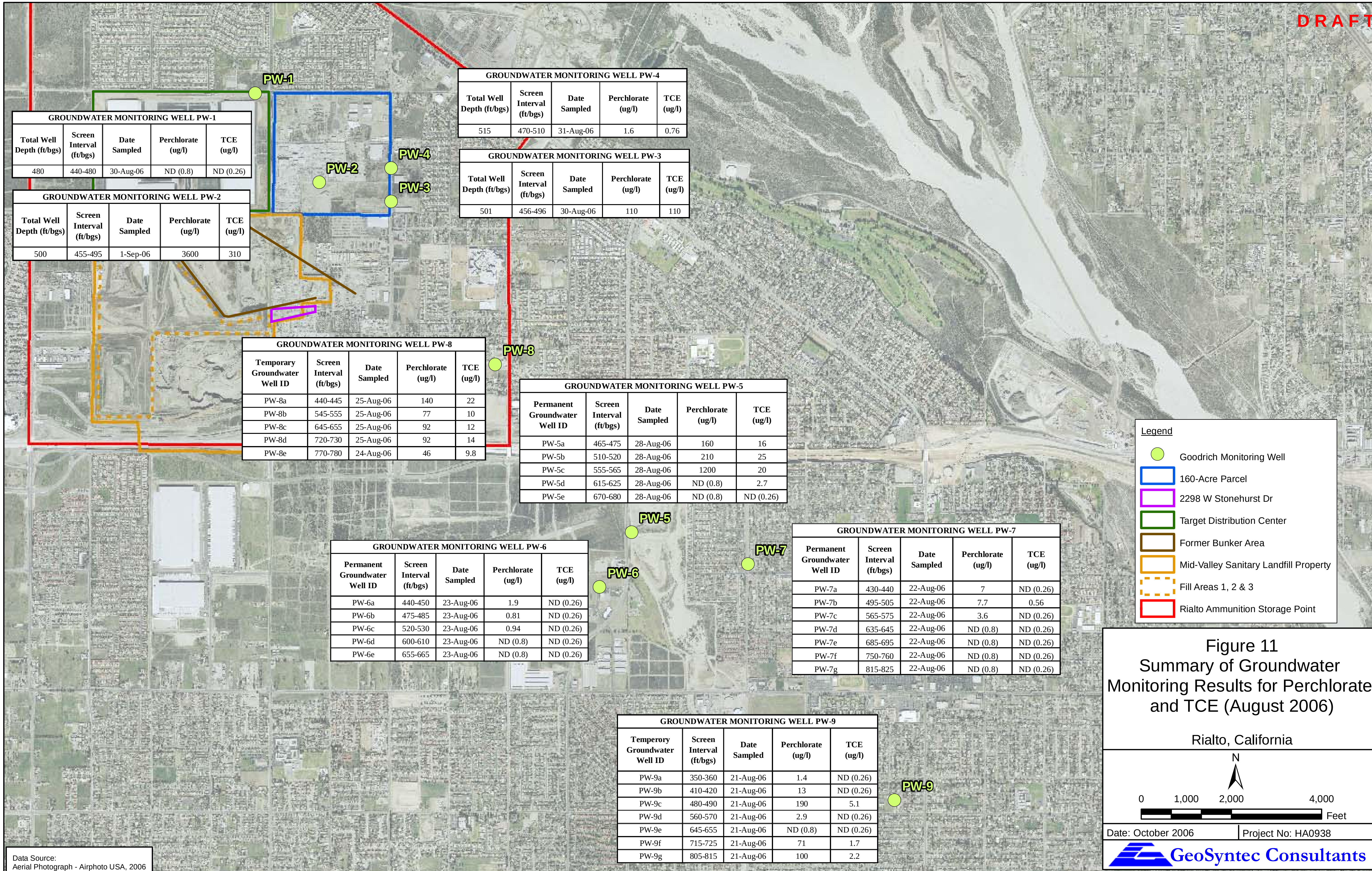

GROUNDWATER MONITORING WELL PW-1

Total Well Depth (ft/bgs)	Screen Interval (ft/bgs)	Date Sampled	Perchlorate (ug/l)	TCE (ug/l)
480	440-480	30-Aug-06	ND (0.8)	ND (0.26)

GROUNDWATER MONITORING WELL PW-2

Total Well Depth (ft/bgs)	Screen Interval (ft/bgs)	Date Sampled	Perchlorate (ug/l)	TCE (ug/l)
500	455-495	1-Sep-06	3600	310

GROUNDWATER MONITORING WELL PW-4

Total Well Depth (ft/bgs)	Screen Interval (ft/bgs)	Date Sampled	Perchlorate (ug/l)	TCE (ug/l)
515	470-510	31-Aug-06	1.6	0.76

GROUNDWATER MONITORING WELL PW-3

Total Well Depth (ft/bgs)	Screen Interval (ft/bgs)	Date Sampled	Perchlorate (ug/l)	TCE (ug/l)
501	456-496	30-Aug-06	110	110

GROUNDWATER MONITORING WELL PW-8

Temporary Groundwater Well ID	Screen Interval (ft/bgs)	Date Sampled	Perchlorate (ug/l)	TCE (ug/l)
PW-8a	440-445	25-Aug-06	140	22
PW-8b	545-555	25-Aug-06	77	10
PW-8c	645-655	25-Aug-06	92	12
PW-8d	720-730	25-Aug-06	92	14
PW-8e	770-780	24-Aug-06	46	9.8

GROUNDWATER MONITORING WELL PW-5

Permanent Groundwater Well ID	Screen Interval (ft/bgs)	Date Sampled	Perchlorate (ug/l)	TCE (ug/l)
PW-5a	465-475	28-Aug-06	160	16
PW-5b	510-520	28-Aug-06	210	25
PW-5c	555-565	28-Aug-06	1200	20
PW-5d	615-625	28-Aug-06	ND (0.8)	2.7
PW-5e	670-680	28-Aug-06	ND (0.8)	ND (0.26)

GROUNDWATER MONITORING WELL PW-6

Permanent Groundwater Well ID	Screen Interval (ft/bgs)	Date Sampled	Perchlorate (ug/l)	TCE (ug/l)
PW-6a	440-450	23-Aug-06	1.9	ND (0.26)
PW-6b	475-485	23-Aug-06	0.81	ND (0.26)
PW-6c	520-530	23-Aug-06	0.94	ND (0.26)
PW-6d	600-610	23-Aug-06	ND (0.8)	ND (0.26)
PW-6e	655-665	23-Aug-06	ND (0.8)	ND (0.26)

GROUNDWATER MONITORING WELL PW-7

Permanent Groundwater Well ID	Screen Interval (ft/bgs)	Date Sampled	Perchlorate (ug/l)	TCE (ug/l)
PW-7a	430-440	22-Aug-06	7	ND (0.26)
PW-7b	495-505	22-Aug-06	7.7	0.56
PW-7c	565-575	22-Aug-06	3.6	ND (0.26)
PW-7d	635-645	22-Aug-06	ND (0.8)	ND (0.26)
PW-7e	685-695	22-Aug-06	ND (0.8)	ND (0.26)
PW-7f	750-760	22-Aug-06	ND (0.8)	ND (0.26)
PW-7g	815-825	22-Aug-06	ND (0.8)	ND (0.26)

GROUNDWATER MONITORING WELL PW-9

Temperory Groundwater Well ID	Screen Interval (ft/bgs)	Date Sampled	Perchlorate (ug/l)	TCE (ug/l)
PW-9a	350-360	21-Aug-06	1.4	ND (0.26)
PW-9b	410-420	21-Aug-06	13	ND (0.26)
PW-9c	480-490	21-Aug-06	190	5.1
PW-9d	560-570	21-Aug-06	2.9	ND (0.26)
PW-9e	645-655	21-Aug-06	ND (0.8)	ND (0.26)
PW-9f	715-725	21-Aug-06	71	1.7
PW-9g	805-815	21-Aug-06	100	2.2

Figure 11
Summary of Groundwater Monitoring Results for Perchlorate and TCE (August 2006)

Rialto, California

Date: October 2006 | Project No: HA0938

GeoSyntec Consultants

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TABLES

TABLE 1
ANALYTICAL RESULTS OF HYDRANT WATER SAMPLES
Remedial Investigation
160-Acre Parcel, Rialto, California

Sample ID	HYDRANT-PW08-01	HYDRANT-PW06-01	HYDRANT-PW07-01	HYDRANT-PW09-01	HYDRANT-PW09-02	HYDRANT-PW08-02
Date Sampled	1/12/06	1/12/06	1/12/06	1/12/06	4/13/06	6/27/04
	Concentration (ug/L)					
Volatile Organic Compounds						
Acetone	ND (4.5)	**5.6 J**	**5.5 J**	**5.6 J**	ND (4.5)	ND (4.5)
Benzene	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
Bromobenzene	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
Bromochloromethane	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
Bromodichloromethane	**6.0**	**3.7**	**0.51 J**	**0.41 J**	ND (0.30)	**0.75 J**
Bromoform	**6.6**	**1.5**	**0.35 J**	**0.43 J**	ND (0.32)	ND (0.32)
Bromomethane	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
2-Butanone (MEK)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.8)
n-Butylbenzene	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)
sec-Butylbenzene	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
tert-Butylbenzene	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
Carbon tetrachloride	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
Chlorobenzene	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)
Chloroethane	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.33)
Chloroform	**3.2**	**2.6**	**0.58 J**	ND (0.33)	ND (0.33)	**1.2**
Chloromethane	ND (0.30)	**0.39 J**	**0.31 J**	**0.42 J**	ND (0.30)	ND (0.30)
2-Chlorotoluene	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
4-Chlorotoluene	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)
Dibromochloromethane	**8.2**	**3.9**	**0.66 J**	**0.62 J**	**3.7**	**0.39 J**
1,2-Dibromo- 3-chloropropane	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)
1,2-Dibromoethane	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
Dibromomethane	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)
1,2-Dichlorobenzene	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
1,3-Dichlorobenzene	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)
1,4-Dichlorobenzene	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)
Dichlorodifluoromethane	ND (0.79)	ND (0.79)	ND (0.79)	**0.81 J**	ND (0.79)	ND (0.79)
1,1-Dichloroethane	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
1,2-Dichloroethane	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
1,1-Dichloroethene	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
cis-1,2-Dichloroethene	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)

ANALYTICAL RESULTS OF HYDRANT WATER SAMPLES

Remedial Investigation

160-Acre Parcel, Rialto, California

Sample ID	HYDRANT-PW08-01	HYDRANT-PW06-01	HYDRANT-PW07-01	HYDRANT-PW09-01	HYDRANT-PW09-02	HYDRANT-PW08-02
Date Sampled	1/12/06	1/12/06	1/12/06	1/12/06	4/13/06	6/27/04
	Concentration (ug/L)					
trans-1,2-Dichloroethene	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
1,2-Dichloropropane	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)
1,3-Dichloropropane	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)
2,2-Dichloropropane	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)
1,1-Dichloropropene	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
cis-1,3-Dichloropropene	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
trans-1,3-Dichloropropene	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
Ethylbenzene	ND (0.25)	ND (0.25)	**0.37 J**	ND (0.25)	ND (0.25)	ND (0.25)
Hexachlorobutadiene	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)
2-Hexanone	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.6)
Isopropylbenzene	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
p-Isopropyltoluene	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
Methylene chloride	ND (0.70)	**1.9 J**	**2.0 J**	**1.6 J**	**2.2 J**	ND (0.70)
4-Methyl-2-pentanone (MBK)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Naphthalene	ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)
n-Propylbenzene	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
Styrene	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)
1,1,1,2-Tetrachloroethane	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
1,1,2,2-Tetrachloroethane	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
Tetrachloroethene	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
Toluene	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)
1,2,3-Trichlorobenzene	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)
1,2,4-Trichlorobenzene	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)
1,1,1-Trichloroethane	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)
1,1,2-Trichloroethane	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)
Trichloroethene	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)
Trichlorofluoromethane	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
1,2,3-Trichloropropane	ND (0.85)	ND (0.85)	ND (0.85)	ND (0.85)	ND (0.85)	ND (0.85)
1,2,4-Trimethylbenzene	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)
1,3,5-Trimethylbenzene	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)
Vinyl chloride	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)

TABLE 1
ANALYTICAL RESULTS OF HYDRANT WATER SAMPLES
Remedial Investigation
160-Acre Parcel, Rialto, California

Sample ID	HYDRANT-PW08-01	HYDRANT-PW06-01	HYDRANT-PW07-01	HYDRANT-PW09-01	HYDRANT-PW09-02	HYDRANT-PW08-02
Date Sampled	1/12/06	1/12/06	1/12/06	1/12/06	4/13/06	6/27/04
	Concentration (ug/L)					
o-Xylene	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
m,p-Xylenes	ND (0.52)	ND (0.52)	ND (0.52)	ND (0.52)	ND (0.52)	ND (0.52)
Xylenes, Total	ND (0.52)	ND (0.52)	ND (0.52)	ND (0.52)	ND (0.52)	ND (0.52)
Methyl-tert-butyl Ether (MTBE)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
Tentatively Identified Compounds (TICs)	ND	ND	ND	ND	NA	NA
Other Constituents						
Perchlorate	ND (0.8)	**0.88 J**	ND (0.8)	ND (0.8)	ND (0.8)	ND (0.8)
N-Nitrosodimethylamine	NA	NA	NA	NA	NA	**0.0044 B**

NOTES:
ND = Not detected above the Method Detection Limit (MDL) indicated in parentheses
NA = Not analyzed
ug/L = micrograms per liter
"J" indicates estimated concentration below the Project Reporting Limit and above the MDL
"B" indicates that analyte was detected in the associated Method Blank

METHODS:
USEPA Method 5030B/8260B for volatile organic compounds (VOCs)
USEPA Method 314.0 for perchlorate
USEPA Method 1625C Modified for N-nitrosodimethylamine (NDMA)

TEMPORARY GROUNDWATER WELL CONSTRUCTION DATA
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Wellbore	Total Wellbore Depth (ft bgs)	First Encountered Groundwater (ft bgs)	Temporary Well ID	Temporary Well Installation Date	Total Depth of Temporary Well (ft bgs)	Screen Interval (ft bgs)	Approximate Water-Producing Interval [1] (ft bgs)	Approximate Static Water Level (ft bgs)	Approximate Static Water Level (ft MSL)
PW-5	720	432	PW-05-01-658	3/15/2006	662	648 - 658	645 - 662	424	1001
PW-6	720	446	PW-06-T01-640	3/10/2006	650	635 - 645	632 - 650	410	999
PW-8 (original)	735	454	PW08-TW02-702	2/20/2006	702	692 - 702	687 - 704	559	1011

NOTES:

[1] Exposed native materials between the bottom of the boring and the bottom of the bentonite seal (i.e., the interval defined by the top and bottom of the sand filter pack)

ft bgs = feet below ground surface

ft MSL = feet above Mean Sea Level

TABLE 3
PERMANENT GROUNDWATER MONITORING WELL CONSTRUCTION DETAILS
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Well ID	Installation Date	Total Depth of Well (ft bgs)	Screen Interval (ft bgs)	Diameter (inches)	Top of Casing (TOC) Elevation* (ft MSL)
160-ACRE PARCEL - GROUNDWATER MONITORING WELLS					
PW-1	6/8/04	480	440 - 480	4	1,704.48
PW-2	7/9/04	500	455 - 495	4	1,639.36
PW-3	8/2/04	501	456 - 496	4	1,611.81
PW-4	9/18/04	515	470 - 510	4	1,626.56
TARGET PARCEL - GROUNDWATER MONITORING WELL					
TW-1	8/3/04	476	444 - 474	4	1,644.13
OFFSITE - WESTBAY® GROUNDWATER MONITORING WELLS					
PW-5a	5/3/06	720	465 - 475	1.5	1423.64
PW-5b			510 - 520		
PW-5c			555 - 565		
PW-5d			615 - 625		
PW-5e			670 - 680		
PW-6a	4/28/06	720	440 - 450	1.5	1409.16
PW-6b			475 - 485		
PW-6c			520 - 530		
PW-6d			600 - 610		
PW-6e			655 - 665		
PW-7a	5/26/06	850	430 - 440	1.5	1401.14
PW-7b			495 - 505		
PW-7c			565 -575		
PW-7d			635 - 645		
PW-7e			685 - 695		
PW-7f			750 - 760		
PW-7g			815 - 825		
PW-8a	7/24/06	808	440 - 445	1.5	1515.42
PW-8b			545 - 555		
PW-8c			645 - 655		
PW-8d			720 - 730		
PW-8e			770 - 780		
PW-9a	7/20/06	908	350 - 360	1.5	1304.16
PW-9b			410 - 420		
PW-9c			480 - 490		
PW-9d			560 - 570		
PW-9e			645 - 655		
PW-9f			715 - 725		
PW-9g			805 - 815		
160-ACRE PARCEL - PIEZOMETERS					
PW-2A	10/16/04	642	622 - 642	4	1,639.58
PW-3A	8/2/04	626	606 - 626	2	1,611.81
PW-4A	9/18/04	648	638 - 648	2	1,626.56

NOTES:
*Well elevations surveyed from punch mark placed at the top of casing at the north point
ft bgs = feet below ground surface
ft MSL = feet above Mean Sea Level

TABLE 4
GROUNDWATER ELEVATION DATA
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Well ID	Date Measured	Top of Casing (TOC) Elevation[1] (ft MSL)	Static Depth to Water (ft TOC)	Groundwater Elevation (ft MSL)	Change in Groundwater Elevation (ft)
160-ACRE PARCEL - GROUNDWATER MONITORING WELLS					
PW-1	10/28/04	1,704.48	431.61	1,272.87	0.00
	11/29/04		432.06	1,272.42	-0.45
	12/27/04		431.71	1,272.77	0.35
	1/24/05		431.88	1,272.60	-0.17
	2/17/05		431.72	1,272.76	0.16
	3/25/05		431.87	1,272.61	-0.15
	4/18/05		431.50	1,272.98	0.37
	5/25/05		418.55	1,285.93	12.95
	6/29/05		395.37	1,309.11	23.18
	7/27/05		388.00	1,316.48	7.37
	8/31/05		386.00	1,318.48	2.00
	9/30/05		387.00	1,317.48	-1.00
	10/29/05		389.15	1,315.33	-2.15
	11/28/05		391.42	1,313.06	-2.27
	12/20/05		393.15	1,311.33	-1.73
	1/4/06		385.32	1,319.16	7.83
	2/9/06		396.75	1,307.73	-11.43
	3/8/06		398.91	1,305.57	-2.16
	4/3/06		401.11	1,303.37	-2.20
	5/4/06		402.67	1,301.81	-1.56
	6/5/06		404.99	1,299.49	-2.32
	7/5/06		406.09	1,298.39	-1.10
	8/30/06		398.58	1,305.90	7.51
PW-2	10/27/04	1,639.36	463.95	1,175.41	0.00
	11/29/04		464.47	1,174.89	-0.52
	12/27/04		464.67	1,174.69	-0.20
	1/24/05		465.10	1,174.26	-0.43
	2/17/05		465.28	1,174.08	-0.18
	3/25/05		465.92	1,173.44	-0.64
	4/18/05		466.10	1,173.26	-0.18
	5/25/05		466.45	1,172.91	-0.35
	6/29/05		466.33	1,173.03	0.12
	7/27/05		464.90	1,174.46	1.43
	8/31/05		458.75	1,180.61	6.15
	9/30/05		450.86	1,188.50	7.89
	10/29/05		443.98	1,195.38	6.88
	11/28/05		437.62	1,201.74	6.36
	12/20/05		434.27	1,205.09	3.35
	1/4/06		433.38	1,205.98	0.89
	2/9/06		428.58	1,210.78	4.80
	3/8/06		426.89	1,212.47	1.69
	4/5/06		425.61	1,213.75	1.28
	5/4/06		424.11	1,215.25	1.50
	6/5/06		423.53	1,215.83	0.58
	7/8/06		423.89	1,215.47	-0.36
	9/1/06		422.82	1,216.54	1.07

TABLE 4
GROUNDWATER ELEVATION DATA
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Well ID	Date Measured	Top of Casing (TOC) Elevation[(1)] (ft MSL)	Static Depth to Water (ft TOC)	Groundwater Elevation (ft MSL)	Change in Groundwater Elevation (ft)
160-ACRE PARCEL - GROUNDWATER MONITORING WELLS					
PW-3	10/28/04	1,611.81	452.00	1,159.81	0.00
	11/29/04		452.64	1,159.17	-0.64
	12/27/04		452.58	1,159.23	0.06
	1/24/05		453.10	1,158.71	-0.52
	2/17/05		453.18	1,158.63	-0.08
	3/25/05		453.86	1,157.95	-0.68
	4/18/05		453.96	1,157.85	-0.10
	5/25/05		454.44	1,157.37	-0.48
	6/29/05		453.79	1,158.02	0.65
	7/27/05		451.92	1,159.89	1.87
	8/31/05		447.65	1,164.16	4.27
	9/30/05		441.87	1,169.94	5.78
	10/29/05		435.65	1,176.16	6.22
	11/28/05		429.92	1,181.89	5.73
	12/20/05		426.69	1,185.12	3.23
	1/4/06		426.22	1,185.59	0.47
	2/9/06		421.02	1,190.79	5.20
	3/8/06		419.30	1,192.51	1.72
	4/4/06		417.90	1,193.91	1.40
	5/4/06		416.26	1,195.55	1.64
	6/5/06		415.35	1,196.46	0.91
	7/6/06		416.51	1,195.30	-1.16
	8/30/06		414.55	1,197.26	1.96
PW-4	10/29/04	1,626.56	464.58	1,161.98	0.00
	11/29/04		464.99	1,161.57	-0.41
	12/27/04		464.78	1,161.78	0.21
	1/24/05		465.35	1,161.21	-0.57
	2/17/05		465.45	1,161.11	-0.10
	3/25/05		466.00	1,160.56	-0.55
	4/18/05		466.18	1,160.38	-0.18
	5/25/05		465.92	1,160.64	0.26
	6/29/05		460.92	1,165.64	5.00
	7/27/05		454.07	1,172.49	6.85
	8/31/05		446.57	1,179.99	7.50
	9/30/05		440.05	1,186.51	6.52
	10/29/05		435.94	1,190.62	4.11
	11/28/05		432.45	1,194.11	3.49
	12/20/05		430.59	1,195.97	1.86
	1/4/06		431.02	1,195.54	-0.43
	2/9/06		427.64	1,198.92	3.38
	3/8/06		426.88	1,199.68	0.76
	4/4/06		426.10	1,200.46	0.78
	5/4/06		420.50	1,206.06	5.60
	6/5/06		412.29	1,214.27	8.21
	7/6/06		383.41	1,243.15	28.88
	8/31/06		369.35	1,257.21	14.06

Well ID	Date Measured	Top of Casing (TOC) Elevation[(1)] (ft MSL)	Static Depth to Water (ft TOC)	Groundwater Elevation (ft MSL)	Change in Groundwater Elevation (ft)
OFFSITE - WESTBAY® GROUNDWATER MONITORING WELLS					
PW-5a	7/26/06	1423.64	423.20	1,000.44	0.00
	8/28/06		422.21	1,001.43	0.99
PW-5b	7/26/06		423.17	1,000.47	0.00
	8/28/06		422.85	1,000.79	0.32
PW-5c	7/26/06		423.33	1,000.31	0.00
	8/28/06		422.82	1,000.82	0.51
PW-5d	7/26/06		423.19	1,000.45	0.00
	8/28/06		422.98	1,000.66	0.21
PW-5e	7/26/06		423.36	1,000.28	0.00
	8/28/06		423.10	1,000.54	0.25
PW-6a	7/26/06	1409.16	409.88	999.28	0.00
	8/23/06		409.42	999.74	0.46
PW-6b	7/26/06		410.79	998.37	0.00
	8/23/06		409.75	999.41	1.04
PW-6c	7/26/06		409.90	999.26	0.00
	8/23/06		409.47	999.69	0.44
PW-6d	7/26/06		409.95	999.21	0.00
	8/23/06		409.47	999.69	0.48
PW-6e	7/26/06		410.07	999.09	0.00
	8/23/06		409.33	999.83	0.74
PW-7a	7/27/06	1401.14	404.75	996.39	0.00
	8/22/06		403.23	997.91	1.52
PW-7b	7/27/06		404.80	996.34	0.00
	8/22/06		404.11	997.03	0.69
PW-7c	7/27/06		404.92	996.22	0.00
	8/22/06		404.62	996.52	0.30
PW-7d	7/27/06		404.86	996.28	0.00
	8/22/06		404.72	996.42	0.14
PW-7e	7/27/06		405.12	996.02	0.00
	8/22/06		405.03	996.11	0.09
PW-7f	7/27/06		405.28	995.86	0.00
	8/22/06		405.37	995.77	-0.09
PW-7g	7/27/06		405.71	995.43	0.00
	8/22/06		405.37	995.77	0.35
PW-8a	8/24/06	1515.42	400.39	1,115.03	0.00
PW-8b	8/24/06		509.12	1,006.30	0.00
PW-8c	8/24/06		509.12	1,006.30	0.00
PW-8d	8/24/06		509.10	1,006.32	0.00
PW-8e	8/24/06		508.89	1,006.53	0.00
PW-9a	8/21/06	1304.16	321.11	983.05	0.00
PW-9b	8/21/06		321.25	982.91	0.00
PW-9c	8/21/06		321.61	982.55	0.00
PW-9d	8/21/06		321.82	982.34	0.00
PW-9e	8/21/06		322.32	981.84	0.00
PW-9f	8/21/06		323.14	981.02	0.00
PW-9g	8/21/06		324.05	980.11	0.00

TABLE 4
GROUNDWATER ELEVATION DATA
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Well ID	Date Measured	Top of Casing (TOC) Elevation[1] (ft MSL)	Static Depth to Water (ft TOC)	Groundwater Elevation (ft MSL)	Change in Groundwater Elevation (ft)
TARGET PARCEL - GROUNDWATER MONITORING WELL					
TW-1	4/19/05	1,644.13	460.80	1,183.33	0.00
	5/25/05		461.20	1,182.93	-0.40
	6/29/05		461.21	1,182.92	-0.01
	7/27/05		460.05	1,184.08	1.16
	8/31/05		455.30	1,188.83	4.75
	9/30/05		-[3]	-[3]	-[3]
	10/29/05	1641.725[4]	437.50	1,204.23	15.39
	11/28/05		429.90	1,211.83	7.60
	12/20/05		425.68	1,216.05	4.22
	1/4/06		-[3]	-[3]	-[3]
	2/9/06		419.45	1,222.28	6.23
	3/8/06		417.85	1,223.88	1.60
	4/3/06		416.23	1,225.50	1.62
	5/4/06		415.16	1,226.57	1.07
	6/5/06		414.65	1,227.08	0.51
	7/5/06		416.46	1,225.27	-1.81
	9/1/06		417.17	1,224.56	-0.71
160-ACRE PARCEL - PIEZOMETERS					
PW-2A	10/28/04	1,639.58	623.85	1,015.73	0.00
	11/29/04		625.21	1,014.37	-1.36
	12/27/04		625.62	1,013.96	-0.41
	1/24/05		626.11	1,013.47	-0.49
	2/17/05		626.33	1,013.25	-0.22
	3/25/05		627.38	1,012.20	-1.05
	4/18/05		628.00	1,011.58	-0.62
	5/25/05		629.04	1,010.54	-1.04
	6/29/05		630.25	1,009.33	-1.21
	7/27/05		630.36	1,009.22	-0.11
	8/31/05		630.12	1,009.46	0.24
	9/30/05		630.28	1,009.30	-0.16
	10/29/05		630.95	1,008.63	-0.67
	11/28/05		631.12	1,008.46	-0.17
	12/20/05		631.62	1,007.96	-0.50
	1/4/06		630.85	1,008.73	0.77
	2/9/06		630.63	1,008.95	0.22
	3/8/06		630.85	1,008.73	-0.22
	4/5/06		630.89	1,008.69	-0.04
	5/4/06		629.74	1,009.84	1.15
	6/5/06		629.90	1,009.68	-0.16
	7/8/06		534.81	1,104.77	95.09
	9/1/06		533.35	1,106.23	96.39

TABLE 4
GROUNDWATER ELEVATION DATA
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Well ID	Date Measured	Top of Casing (TOC) Elevation[1] (ft MSL)	Static Depth to Water (ft TOC)	Groundwater Elevation (ft MSL)	Change in Groundwater Elevation (ft)
160-ACRE PARCEL - PIEZOMETERS					
PW-3A	10/28/04	1,611.81	597.55	1,014.26	0.00
	11/29/04		598.36	1,013.45	-0.81
	12/27/04		599.00	1,012.81	-0.64
	1/24/05		599.30	1,012.51	-0.30
	2/17/05		252.44[2]	1,359.37[2]	346.86[2]
	3/25/05		397.76[2]	1,214.05[2]	-145.32[2]
	4/18/05		458.51[2]	1,153.30[2]	-206.07[2]
	5/25/05		518.50[2]	1,093.31[2]	-59.99[2]
	6/29/05		553.22[2]	1,058.59[2]	-34.72[2]
	7/27/05		571.45[2]	1,040.36[2]	-18.23[2]
	8/31/05		585.95[2]	1,025.86[2]	-14.50[2]
	9/30/05		593.67[2]	1,018.14[2]	-7.72[2]
	10/29/05		598.19[2]	1,013.62[2]	-4.52[2]
	11/28/05		600.76[2]	1,011.05[2]	-2.57[2]
	12/20/05		601.81[2]	1,010.00[2]	-1.05[2]
	1/4/06		602.20[2]	1,009.61[2]	-0.39[2]
	2/9/06		602.39[2]	1,009.42[2]	-0.19[2]
	3/8/06		602.59[2]	1,009.22[2]	-0.20[2]
	4/4/06		601.61[2]	1,010.20[2]	-0.98[2]
	5/4/06		581.08[2]	1,030.73[2]	20.53[2]
	6/5/06		593.70[2]	1,018.11[2]	-12.62[2]
	7/8/06		599.59[2]	1,012.22[2]	-5.89[2]
	8/30/06		601.20[2]	1,010.61[2]	-1.61[2]
PW-4A	10/29/04	1,626.56	615.16	1,011.40	0.00
	11/29/04		615.17	1,011.39	-0.01
	12/27/04		615.17	1,011.39	0.00
	1/24/05		616.25	1,010.31	-1.08
	2/17/05		615.35	1,011.21	0.90
	3/25/05		616.37	1,010.19	-1.02
	4/18/05		617.17	1,009.39	-0.80
	5/25/05		620.66	1,005.90	-3.49
	6/29/05		622.65	1,003.91	-1.99
	7/27/05		620.11	1,006.45	2.54
	8/31/05		619.42	1,007.14	0.69
	9/30/05		622.04	1,004.52	-2.62
	10/29/05		620.12	1,006.44	1.92
	11/28/05		619.73	1,006.83	0.39
	12/20/05		619.42	1,007.14	0.31
	1/4/06		619.21	1,007.35	0.21
	2/9/06		618.85	1,007.71	0.36

Well ID	Date Measured	Top of Casing (TOC) Elevation[1] (ft MSL)	Static Depth to Water (ft TOC)	Groundwater Elevation (ft MSL)	Change in Groundwater Elevation (ft)
160-ACRE PARCEL - PIEZOMETERS					
PW-4A	3/8/06	1,626.56	618.99	1,007.57	-0.14
	4/4/06		618.82	1,007.74	0.17
	5/4/06		617.80	1,008.76	1.02
	6/5/06		617.51	1,009.05	0.29
	7/8/06		618.51	1008.05	-1.00
	8/31/06		617.28	1009.28	1.23

NOTES:

(1)Well elevations of monitoring wells PW-1 through PW-4 and piezometers PW-2A through PW-4A were surveyed from a punch mark placed at the top of casing at the north point

(2)Groundwater elevation may be influenced by piezometer repair activities conducted on 27 and 28 January 2005

(3)Well not gauaged

(4)Well casing height was reduced by 2.405 ft in October 2005 in order to allow for better access

ft bgs = feet below ground surface

ft MSL = feet above Mean Sea Level

GROUNDWATER ANALYTICAL RESULTS OF TEMPORARY WELL SAMPLING

Additional Remedial Investigation

160-Acre Parcel, Rialto, California

Wellbore	PW-5	PW-6	PW-8 (original)
Temporary Well ID	PW-05-01-658	PW-06-T01-640	PW08-TW02-702
Screen Interval (ft bgs)	648-658	635-645	692-702
Date Sampled	3/17/06	3/14/06	2/24/06
	Concentration (ug/L)		
Volatile Organic Compounds			
Acetone	ND (4.5)	**7.4 J**	**5.9 J**
Benzene	ND (0.28)	ND (0.28)	ND (0.28)
Bromobenzene	ND (0.27)	ND (0.27)	ND (0.27)
Bromochloromethane	ND (0.32)	ND (0.32)	ND (0.32)
Bromodichloromethane	ND (0.30)	**2.0**	ND (0.30)
Bromoform	ND (0.32)	ND (0.32)	ND (0.32)
Bromomethane	ND (0.34)	ND (0.34)	ND (0.34)
2-Butanone (MEK)	ND (3.8)	ND (3.8)	ND (3.8)
n-Butylbenzene	ND (0.37)	ND (0.37)	ND (0.37)
sec-Butylbenzene	ND (0.25)	ND (0.25)	ND (0.25)
tert-Butylbenzene	ND (0.22)	ND (0.22)	ND (0.22)
Carbon tetrachloride	ND (0.28)	ND (0.28)	ND (0.28)
Chlorobenzene	ND (0.36)	ND (0.36)	ND (0.36)
Chloroethane	ND (0.33)	ND (0.33)	ND (0.33)
Chloroform	ND (0.33)	**2.3**	ND (0.33)
Chloromethane	ND (0.30)	ND (0.30)	ND (0.30)
2-Chlorotoluene	ND (0.28)	ND (0.28)	ND (0.28)
4-Chlorotoluene	ND (0.29)	ND (0.29)	ND (0.29)
Dibromochloromethane	ND (0.28)	**1.7**	ND (0.28)
1,2-Dibromo-3-chloropropane	ND (0.92)	ND (0.92)	ND (0.92)
1,2-Dibromomethane (EDB)	ND (0.32)	ND (0.32)	ND (0.32)
Dibromomethane	ND (0.36)	ND (0.36)	ND (0.36)
1,2-Dichlorobenzene	ND (0.32)	ND (0.32)	ND (0.32)
1,3-Dichlorobenzene	ND (0.35)	ND (0.35)	ND (0.35)
1,4-Dichlorobenzene	ND (0.37)	ND (0.37)	ND (0.37)
Dichlorodifluoromethane	ND (0.79)	ND (0.79)	ND (0.79)
1,1-Dichloroethane	ND (0.27)	ND (0.27)	ND (0.27)
1,2-Dichloroethane	ND (0.28)	ND (0.28)	ND (0.28)
1,1-Dichloroethene	ND (0.32)	ND (0.32)	ND (0.32)
cis-1,2-Dichloroethene	ND (0.32)	ND (0.32)	ND (0.32)
trans-1,2-Dichloroethene	ND (0.27)	ND (0.27)	ND (0.27)
1,2-Dichloropropane	ND (0.35)	ND (0.35)	ND (0.35)
1,3-Dichloropropane	ND (0.30)	ND (0.30)	ND (0.30)
2,2-Dichloropropane	ND (0.29)	ND (0.29)	ND (0.29)
1,1-Dichloropropene	ND (0.28)	ND (0.28)	ND (0.28)
cis-1,3-Dichloropropene	ND (0.22)	ND (0.22)	ND (0.22)
trans-1,3-Dichloropropene	ND (0.24)	ND (0.24)	ND (0.24)
Ethylbenzene	ND (0.25)	ND (0.25)	ND (0.25)
Hexachlorobutadiene	ND (0.38)	ND (0.38)	ND (0.38)
2-Hexanone	ND (2.6)	ND (2.6)	ND (2.6)
Isopropylbenzene	ND (0.25)	ND (0.25)	ND (0.25)
p-Isopropyltoluene	ND (0.28)	ND (0.28)	ND (0.28)

TABLE 5
GROUNDWATER ANALYTICAL RESULTS OF TEMPORARY WELL SAMPLING
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Wellbore	PW-5	PW-6	PW-8 (original)
Temporary Well ID	PW-05-01-658	PW-06-T01-640	PW08-TW02-702
Screen Interval (ft bgs)	648-658	635-645	692-702
Date Sampled	3/17/06	3/14/06	2/24/06
	Concentration (ug/L)		
Methylene chloride	ND (0.70)	ND (0.70)	ND (0.70)
4-Methyl-2-pentanone (MBK)	ND (2.5)	ND (2.5)	ND (2.5)
Naphthalene	ND (0.41)	ND (0.41)	ND (0.41)
n-Propylbenzene	ND (0.27)	ND (0.27)	ND (0.27)
Styrene	ND (0.16)	ND (0.16)	ND (0.16)
1,1,1,2-Tetrachloroethane	ND (0.27)	ND (0.27)	ND (0.27)
1,1,2,2-Tetrachloroethane	ND (0.24)	ND (0.24)	ND (0.24)
Tetrachloroethene	ND (0.32)	ND (0.32)	ND (0.32)
Toluene	ND (0.36)	**55**	ND (0.36)
1,2,3-Trichlorobenzene	ND (0.45)	ND (0.45)	ND (0.45)
1,2,4-Trichlorobenzene	ND (0.48)	ND (0.48)	ND (0.48)
1,1,1-Trichloroethane	ND (0.30)	ND (0.30)	ND (0.30)
1,1,2-Trichloroethane	ND (0.30)	ND (0.30)	ND (0.30)
Trichloroethene	ND (0.26)	ND (0.26)	ND (0.26)
Trichlorofluoromethane	ND (0.34)	ND (0.34)	ND (0.34)
1,2,3-Trichloropropane	ND (0.85)	ND (0.85)	ND (0.85)
1,2,4-Trimethylbenzene	ND (0.23)	ND (0.23)	ND (0.23)
1,3,5-Trimethylbenzene	ND (0.26)	ND (0.26)	ND (0.26)
Vinyl chloride	ND (0.26)	ND (0.26)	ND (0.26)
o-Xylene	ND (0.24)	ND (0.24)	ND (0.24)
m,p-Xylenes	ND (0.52)	ND (0.52)	ND (0.52)
Xylenes, Total	ND (0.52)	ND (0.52)	ND (0.52)
Methyl-tert-butyl Ether (MTBE)	ND (0.32)	ND (0.32)	ND (0.32)
Tentatively Identified Compounds (TICs)	ND	ND	ND
Other Constituents			
Perchlorate	ND (0.8)	ND (0.8)	ND (0.8)

NOTES:
ND = Not detected above the Method Detection Limit (MDL) indicated in parentheses
ug/L = micrograms per liter
"J" indicates estimated concentration below the Project Reporting Limit and above the MDL

METHODS:
USEPA Method 5030B/8260B for volatile organic compounds (VOCs)
USEPA Method 314.0 for perchlorate

TABLE 6
ANALYTICAL RESULTS OF QUALITY CONTROL WATER SAMPLES
ASSOCIATED WITH TEMPORARY WELL INSTALLATIONS
Remedial Investigation
160-Acre Parcel, Rialto, California

Sample ID	PW-30-03-14-01	PW08-TW02-02-24	PW08-TW02-02-24-01
Sample Type	trip blank	equipment blank	trip blank
Date Sampled	3/7/06	2/24/06	2/24/06
	Concentration (ug/L)		
Volatile Organic Compounds			
Acetone	ND (4.5)	ND (4.5)	ND (4.5)
Benzene	ND (0.28)	ND (0.28)	ND (0.28)
Bromobenzene	ND (0.27)	ND (0.27)	ND (0.27)
Bromochloromethane	ND (0.32)	ND (0.32)	ND (0.32)
Bromodichloromethane	ND (0.30)	ND (0.30)	ND (0.30)
Bromoform	ND (0.32)	ND (0.32)	ND (0.32)
Bromomethane	ND (0.34)	ND (0.34)	ND (0.34)
2-Butanone (MEK)	ND (3.8)	ND (3.8)	ND (3.8)
n-Butylbenzene	ND (0.37)	ND (0.37)	ND (0.37)
sec-Butylbenzene	ND (0.25)	ND (0.25)	ND (0.25)
tert-Butylbenzene	ND (0.22)	ND (0.22)	ND (0.22)
Carbon tetrachloride	ND (0.28)	ND (0.28)	ND (0.28)
Chlorobenzene	ND (0.36)	ND (0.36)	ND (0.36)
Chloroethane	ND (0.33)	ND (0.33)	ND (0.33)
Chloroform	ND (0.33)	ND (0.33)	ND (0.33)
Chloromethane	ND (0.30)	ND (0.30)	ND (0.30)
2-Chlorotoluene	ND (0.28)	ND (0.28)	ND (0.28)
4-Chlorotoluene	ND (0.29)	ND (0.29)	ND (0.29)
Dibromochloromethane	ND (0.28)	ND (0.28)	ND (0.28)
1,2-Dibromo- 3-chloropropane	ND (0.92)	ND (0.92)	ND (0.92)
1,2-Dibromoethane	ND (0.32)	ND (0.32)	ND (0.32)
Dibromomethane	ND (0.36)	ND (0.36)	ND (0.36)
1,2-Dichlorobenzene	ND (0.32)	ND (0.32)	ND (0.32)
1,3-Dichlorobenzene	ND (0.35)	ND (0.35)	ND (0.35)
1,4-Dichlorobenzene	ND (0.37)	ND (0.37)	ND (0.37)
Dichlorodifluoromethane	ND (0.79)	ND (0.79)	ND (0.79)
1,1-Dichloroethane	ND (0.27)	ND (0.27)	ND (0.27)
1,2-Dichloroethane	ND (0.28)	ND (0.28)	ND (0.28)
1,1-Dichloroethene	ND (0.32)	ND (0.32)	ND (0.32)
cis-1,2-Dichloroethene	ND (0.32)	ND (0.32)	ND (0.32)
trans-1,2-Dichloroethene	ND (0.27)	ND (0.27)	ND (0.27)
1,2-Dichloropropane	ND (0.35)	ND (0.35)	ND (0.35)
1,3-Dichloropropane	ND (0.30)	ND (0.30)	ND (0.30)
2,2-Dichloropropane	ND (0.29)	ND (0.29)	ND (0.29)
1,1-Dichloropropene	ND (0.28)	ND (0.28)	ND (0.28)
cis-1,3-Dichloropropene	ND (0.22)	ND (0.22)	ND (0.22)
trans-1,3-Dichloropropene	ND (0.24)	ND (0.24)	ND (0.24)
Ethylbenzene	ND (0.25)	ND (0.25)	ND (0.25)
Hexachlorobutadiene	ND (0.38)	ND (0.38)	ND (0.38)
2-Hexanone	ND (2.6)	ND (2.6)	ND (2.6)
Isopropylbenzene	ND (0.25)	ND (0.25)	ND (0.25)

TABLE 6
ANALYTICAL RESULTS OF QUALITY CONTROL WATER SAMPLES
ASSOCIATED WITH TEMPORARY WELL INSTALLATIONS
Remedial Investigation
160-Acre Parcel, Rialto, California

Sample ID	PW-30-03-14-01	PW08-TW02-02-24	PW08-TW02-02-24-01
p-Isopropyltoluene	ND (0.28)	ND (0.28)	ND (0.28)
Methylene chloride	ND (0.70)	ND (0.48)	ND (0.48)
4-Methyl-2-pentanone (MBK)	ND (2.5)	ND (2.5)	ND (2.5)
Naphthalene	ND (0.41)	ND (0.41)	ND (0.41)
n-Propylbenzene	ND (0.27)	ND (0.27)	ND (0.27)
Styrene	ND (0.16)	ND (0.16)	ND (0.16)
1,1,1,2-Tetrachloroethane	ND (0.27)	ND (0.27)	ND (0.27)
1,1,2,2-Tetrachloroethane	ND (0.24)	ND (0.24)	ND (0.24)
Tetrachloroethene	ND (0.32)	ND (0.32)	ND (0.32)
Toluene	ND (0.36)	ND (0.36)	ND (0.36)
1,2,3-Trichlorobenzene	ND (0.45)	ND (0.45)	ND (0.45)
1,2,4-Trichlorobenzene	ND (0.48)	ND (0.48)	ND (0.48)
1,1,1-Trichloroethane	ND (0.30)	ND (0.30)	ND (0.30)
1,1,2-Trichloroethane	ND (0.30)	ND (0.30)	ND (0.30)
Trichloroethene	ND (0.26)	ND (0.26)	ND (0.26)
Trichlorofluoromethane	ND (0.34)	ND (0.34)	ND (0.34)
1,2,3-Trichloropropane	ND (0.85)	ND (0.85)	ND (0.85)
1,2,4-Trimethylbenzene	ND (0.23)	ND (0.23)	ND (0.23)
1,3,5-Trimethylbenzene	ND (0.26)	ND (0.26)	ND (0.26)
Vinyl chloride	ND (0.26)	ND (0.26)	ND (0.26)
o-Xylene	ND (0.24)	ND (0.24)	ND (0.24)
m,p-Xylenes	ND (0.52)	ND (0.52)	ND (0.52)
Xylenes, Total	ND (0.52)	ND (0.52)	ND (0.52)
Methyl-tert-butyl Ether (MTBE)	ND (0.32)	ND (0.32)	ND (0.32)
Tentatively Identified Compounds (TICs)	NA	NA	NA

NOTES:
ND = Not detected above the Method Detection Limit (MDL) indicated in parentheses
NA = Not analyzed
ug/L = micrograms per liter
"J" indicates estimated concentration below the Project Reporting Limit and above the MDL

METHODS:
USEPA Method 5030B/8260B for volatile organic compounds (VOCs)
USEPA Method 314.0 for perchlorate
USEPA Method 1625C Modified for N-nitrosodimethylamine (NDMA)

TABLE 7
ANALYTICAL RESULTS OF PRELIMINARY SAMPLING EVENT
VOCs AND PERCHLORATE
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Well ID	Sampling Date	Perchlorate	Acetone	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-05a	4/21/06	**440**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-05b	4/21/06	**510**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-05c	4/21/06	**490**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
dup	4/21/06	**510**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-05d	4/20/06	**480**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-05e	4/20/06	**450**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-06a	4/17/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-06b	4/17/06	**2.1**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
dup	4/17/06	**2.1**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-06c	4/17/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-6d	4/14/06	**1.1**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-6e	4/14/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-7a	5/10/06	**5**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-7b	5/10/06	**5.2**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-7c	5/9/06	**5.5**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-7d	5/9/06	**3.8**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-7e	5/9/06	**6.0**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
dup	5/9/06	**4.7**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-7f	5/9/06	**5.9**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-7g	5/9/06	**5.2**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-8a	6/28/06	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
PW-8b	6/28/06	**180**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-8c	6/28/06	**180**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-8d	6/28/06	**180**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-8e	6/27/06	**180**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-9-A	6/21/06	**60**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-9-B	6/21/06	**62**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-9-C	6/20/06	**55**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-9-D	6/20/06	**43**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-9-E	6/20/06	**40**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-9-F	6/20/06	**40**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-9-G	6/20/06	**39**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)

TABLE 7
ANALYTICAL RESULTS OF PRELIMINARY SAMPLING EVENT
VOCs AND PERCHLORATE
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Well ID	Sampling Date	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	Dibromochloromethane	1,2-Dibromoethane	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-05a	4/21/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-05b	4/21/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-05c	4/21/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
dup	4/21/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-05d	4/20/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-05e	4/20/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-06a	4/17/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-06b	4/17/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
dup	4/17/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-06c	4/17/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-6d	4/14/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-6e	4/14/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-7a	5/10/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-7b	5/10/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-7c	5/9/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-7d	5/9/06	ND (0.36)	ND (0.33)	**1.1**	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-7e	5/9/06	ND (0.36)	ND (0.33)	**4.7**	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
dup	5/9/06	ND (0.36)	ND (0.33)	**2.2**	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-7f	5/9/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-7g	5/9/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-8a	6/28/06	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
PW-8b	6/28/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-8c	6/28/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-8d	6/28/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-8e	6/27/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-9-A	6/21/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-9-B	6/21/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-9-C	6/20/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-9-D	6/20/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-9-E	6/20/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-9-F	6/20/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-9-G	6/20/06	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)

TABLE 7
ANALYTICAL RESULTS OF PRELIMINARY SAMPLING EVENT
VOCs AND PERCHLORATE
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Well ID	Sampling Date	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Ethylbenzene
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-05a	4/21/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-05b	4/21/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-05c	4/21/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
dup	4/21/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-05d	4/20/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-05e	4/20/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-06a	4/17/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-06b	4/17/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
dup	4/17/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-06c	4/17/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-6d	4/14/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-6e	4/14/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-7a	5/10/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-7b	5/10/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-7c	5/9/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-7d	5/9/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-7e	5/9/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
dup	5/9/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-7f	5/9/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-7g	5/9/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-8a	6/28/06	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
PW-8b	6/28/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-8c	6/28/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-8d	6/28/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-8e	6/27/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-9-A	6/21/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-9-B	6/21/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-9-C	6/20/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-9-D	6/20/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-9-E	6/20/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-9-F	6/20/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)
PW-9-G	6/20/06	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)

TABLE 7
ANALYTICAL RESULTS OF PRELIMINARY SAMPLING EVENT
VOCs AND PERCHLORATE
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Well ID	Sampling Date	Hexachlorobutadiene	2-Hexanone	Isopropylbenzene	p-Isopropyltoluene	Methyl tert-butyl ether (MTBE)	4-Methyl-2-pentanone (MIBK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-05a	4/21/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**7.4**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-05b	4/21/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**7.6**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-05c	4/21/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**7.5**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
dup	4/21/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**7.5**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-05d	4/20/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-05e	4/20/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**9.2 B**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-06a	4/17/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**0.77 B,J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-06b	4/17/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
dup	4/17/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-06c	4/17/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-6d	4/14/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**0.85 J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-6e	4/14/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**0.72 J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-7a	5/10/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**1.6 B,J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-7b	5/10/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-7c	5/9/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**1.2 B,J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-7d	5/9/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**0.98 B,J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-7e	5/9/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**1.6 B,J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
dup	5/9/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**1.1 B,J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-7f	5/9/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**1.1 B,J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-7g	5/9/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**1.5 J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-8a	6/28/06	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
PW-8b	6/28/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**1.0 B, J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-8c	6/28/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**0.97 J,B**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-8d	6/28/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**0.82 J,B**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-8e	6/27/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-9-A	6/21/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**1.2 J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-9-B	6/21/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-9-C	6/20/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-9-D	6/20/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**1.2 J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-9-E	6/20/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-9-F	6/20/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	**0.59 J**	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)
PW-9-G	6/20/06	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)

TABLE 7
ANALYTICAL RESULTS OF PRELIMINARY SAMPLING EVENT
VOCs AND PERCHLORATE
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Well ID	Sampling Date	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-05a	4/21/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**17**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-05b	4/21/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**16**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-05c	4/21/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**18**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
dup	4/21/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**18**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-05d	4/20/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**0.41**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-05e	4/20/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-06a	4/17/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-06b	4/17/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
dup	4/17/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-06c	4/17/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-6d	4/14/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-6e	4/14/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-7a	5/10/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**0.35 J**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-7b	5/10/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**0.31 J**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-7c	5/9/06	**0.53 J**	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**0.33 J**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-7d	5/9/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-7e	5/9/06	**0.53 J**	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**0.42 J**	**0.44 J**	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
dup	5/9/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-7f	5/9/06	**0.43 J**	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-7g	5/9/06	**0.39 J**	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-8a	6/28/06	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
PW-8b	6/28/06	**0.56 J**	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**25**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-8c	6/28/06	**0.75 J**	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**22**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-8d	6/28/06	**0.73 J**	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**22**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-8e	6/27/06	**0.94 J**	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**19**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-9-A	6/21/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**1**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-9-B	6/21/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**1.2**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-9-C	6/20/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**1.2**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-9-D	6/20/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**0.62 J**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-9-E	6/20/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**0.70 J**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-9-F	6/20/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**0.67 J**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)
PW-9-G	6/20/06	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**0.72 J**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)

TABLE 7
ANALYTICAL RESULTS OF PRELIMINARY SAMPLING EVENT
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

NOTES:
ND = Not detected above the Method Detection Limit (MDL) indicated in parentheses
NA = Not analyzed
ug/L = micrograms per liter
"J" indicates estimated concentration below the Project Reporting Limit and above the MDL

METHODS:
USEPA Method 5030B/8260B for volatile organic compounds (VOCs)
USEPA Method 314.0 for perchlorate

TABLE 8
ANALYTICAL RESULTS OF INITIAL WESTBAY SAMPLING EVENT
VOCs AND PERCHLORATE
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Well ID	Sampling Date	Perchlorate	Acetone	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-5a	7/27/06	**170**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
dup	7/27/06	**170**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-5b	7/27/06	**210**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-5c	7/27/06	**1200**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-5d	7/26/06	**10**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-5e	7/26/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-6a	7/26/06	**0.88 J**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-6b	7/26/06	**1.3**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-6c	7/26/06	**0.86 J**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-6d	7/26/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-6e	7/26/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-7a	7/27/06	**7.4**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-7b	7/27/06	**7.5**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-7c	7/27/06	**4**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-7d	7/27/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-7e	7/27/06	**0.81J**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-7f	7/27/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)
PW-7g	7/27/06	**0.99 J**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)

NOTES:

ND = Not detected above the Method Detection Limit (MDL) indicated in parentheses

ug/L = micrograms per liter

"J" indicates estimated concentration below the Project Reporting Limit and above the MDL

METHODS:

USEPA Method 5030B/8260B for volatile organic compounds (VOCs)

USEPA Method 314.0 for perchlorate

TABLE 8
ANALYTICAL RESULTS OF INITIAL WESTBAY SAMPLING EVENT
VOCs AND PERCHLORATE
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Well ID	**Sampling Date**	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	Dibromochloromethane	1,2-Dibromoethane	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-5a	7/27/06	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
dup	7/27/06	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-5b	7/27/06	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-5c	7/27/06	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-5d	7/26/06	ND (0.36)	ND(0.40)	ND (0.33)	**0.40J**	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-5e	7/26/06	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-6a	7/26/06	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-6b	7/26/06	ND (0.36)	ND(0.40)	ND (0.33)	**0.39J**	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-6c	7/26/06	ND (0.36)	ND(0.40)	ND (0.33)	**0.52J**	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-6d	7/26/06	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-6e	7/26/06	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-7a	7/27/06	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-7b	7/27/06	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	**2.4J**	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-7c	7/27/06	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-7d	7/27/06	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-7e	7/27/06	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-7f	7/27/06	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)
PW-7g	7/27/06	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)

TABLE 8
ANALYTICAL RESULTS OF INITIAL WESTBAY SAMPLING EVENT
VOCs AND PERCHLORATE
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Well ID	Sampling Date	Dichlorodifluoromethan	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-Dichloroprope	Ethylbenzene	Hexachlorobutadiene
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-5a	7/27/06	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)
dup	7/27/06	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)
PW-5b	7/27/06	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)
PW-5c	7/27/06	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)
PW-5d	7/26/06	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)
PW-5e	7/26/06	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)
PW-6a	7/26/06	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)
PW-6b	7/26/06	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)
PW-6c	7/26/06	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)
PW-6d	7/26/06	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)
PW-6e	7/26/06	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)
PW-7a	7/27/06	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)
PW-7b	7/27/06	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)
PW-7c	7/27/06	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)
PW-7d	7/27/06	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)
PW-7e	7/27/06	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)
PW-7f	7/27/06	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)
PW-7g	7/27/06	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)

TABLE 8
ANALYTICAL RESULTS OF INITIAL WESTBAY SAMPLING EVENT
VOCs AND PERCHLORATE
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Well ID	Sampling Date	2-Hexanone	Isopropylbenzene	p-Isopropyltoluene	Methyl tert-butyl ether (MTBE)	4-Methyl-2-pentanone (MIBK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethar	1,1,2,2-Tetrachloroethar	Tetrachloroethene	Toluene
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-5a	7/27/06	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**3.9 J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)	ND (0.36)
dup	7/27/06	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**5.4**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)	ND (0.36)
PW-5b	7/27/06	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**14**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)	ND (0.36)
PW-5c	7/27/06	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**1.0J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)	ND (0.36)
PW-5d	7/26/06	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**2.0J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)	ND (0.36)
PW-5e	7/26/06	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)	ND (0.36)
PW-6a	7/26/06	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)	ND (0.36)
PW-6b	7/26/06	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)	ND (0.36)
PW-6c	7/26/06	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)	ND (0.36)
PW-6d	7/26/06	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)	ND (0.36)
PW-6e	7/26/06	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)	ND (0.36)
PW-7a	7/27/06	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)	ND (0.36)
PW-7b	7/27/06	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	**1.1**	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)	ND (0.36)
PW-7c	7/27/06	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)	ND (0.36)
PW-7d	7/27/06	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**0.89 J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)	ND (0.36)
PW-7e	7/27/06	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**0.99 J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)	ND (0.36)
PW-7f	7/27/06	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**0.88 J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)	ND (0.36)
PW-7g	7/27/06	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**1.3 J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)	ND (0.32)	ND (0.36)

TABLE 8
ANALYTICAL RESULTS OF INITIAL WESTBAY SAMPLING EVENT
VOCs AND PERCHLORATE
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Well ID	**Sampling Date**	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-5a	7/27/06	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**16**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)
dup	7/27/06	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**17**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)
PW-5b	7/27/06	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**34**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)
PW-5c	7/27/06	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**21**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)
PW-5d	7/26/06	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**5.8**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)
PW-5e	7/26/06	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**0.29J**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)
PW-6a	7/26/06	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)
PW-6b	7/26/06	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)
PW-6c	7/26/06	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)
PW-6d	7/26/06	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)
PW-6e	7/26/06	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)
PW-7a	7/27/06	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)
PW-7b	7/27/06	**0.84J**	**0.54J**	ND (0.30)	ND (0.30)	**0.60J**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)
PW-7c	7/27/06	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)
PW-7d	7/27/06	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)
PW-7e	7/27/06	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)
PW-7f	7/27/06	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)
PW-7g	7/27/06	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)

TABLE 9
ANALYTICAL RESULTS OF GROUNDWATER MONITORING PROGRAM
VOCs AND PERCHLORATE
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Monitoring Well ID	Sampling Date	Perchlorate	Acetone	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-1	10/28/04	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	**0.43 J**
	11/30/04	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	12/28/04	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
dup	12/28/04	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	1/26/05	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	4/19/05	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	7/28/05	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	10/29/05	**6.3**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	1/4/06	**1.6**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	4/3/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
	7/5/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
	8/30/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	**4.7**	ND (0.30)
PW-2	10/27/04	**40**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	**0.83 J**
	11/29/04	**57**	ND (4.5)	**1.5**	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
dup	11/29/04	**54**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	12/27/04	**73**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	1/25/05	**47**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	4/18/05	**53**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	7/27/05	**40**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
dup	7/27/05	**43**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	10/29/05	**730**	**6.7 J**	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	1/6/06	**3,500**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	4/5/06	**10,000**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
dup	4/5/06	**10,000**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	6/5/06	**5,000**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
	7/7/06	**3,600**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
	9/1/06	**3,600**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)

TABLE 9
ANALYTICAL RESULTS OF GROUNDWATER MONITORING PROGRAM
VOCs AND PERCHLORATE
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Monitoring Well ID	Sampling Date	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	Dibromochloromethane	1,2-Dibromoethane	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-1	10/28/04	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)
	11/30/04	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)
	12/28/04	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)
dup	12/28/04	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)
	1/26/05	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)
	4/19/05	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.32)
	7/28/05	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.32)
	10/29/05	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.32)
	1/4/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (0.32)	ND (0.32)	ND (0.35)	ND (0.32)
	4/3/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
	7/5/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
	8/30/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-2	10/27/04	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)
	11/29/04	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)
dup	11/29/04	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)
	12/27/04	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)
	1/25/05	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)
	4/18/05	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.32)
	7/27/05	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.32)
dup	7/27/05	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.32)
	10/29/05	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.32)
	1/6/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	**4.7**	ND (0.27)	ND (0.35)	ND (0.32)
	4/5/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (3.2)	ND (0.27)	ND (0.35)	ND (0.32)
dup	4/5/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (3.2)	ND (0.27)	ND (0.35)	ND (0.32)
	6/5/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.32)
	7/7/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.32)
	9/1/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.32)

TABLE 9
ANALYTICAL RESULTS OF GROUNDWATER MONITORING PROGRAM
VOCs AND PERCHLORATE
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Monitoring Well ID	Sampling Date	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Ethylbenzene	Hexachlorobutadiene	2-Hexanone	Isopropylbenzene	p-Isopropyltoluene	Methyl tert-butyl ether (MTBE)	4-Methyl-2-pentanone (MIBK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane
		μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
PW-1	10/28/04	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	11/30/04	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**0.48 J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	12/28/04	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
dup	12/28/04	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	1/26/05	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	4/19/05	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.51)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	7/28/05	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.51)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	10/29/05	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.51)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	1/4/06	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.51)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	4/3/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	**0.34 J**	ND(3.5)	ND(0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	7/5/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	**0.37 J**	ND(3.5)	**0.89 J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	8/30/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**2.5 J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-2	10/27/04	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**12**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	11/29/04	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**8.8**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
dup	11/29/04	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**8.9**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	12/27/04	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**8.8**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	1/25/05	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**7.4**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	4/18/05	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**10**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	7/27/05	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**5.2**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
dup	7/27/05	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**5.3**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	10/29/05	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**3.0 J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	1/6/06	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.51)	**1.7**	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	4/5/06	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (7.0)	ND (4.1)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
dup	4/5/06	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**8.3 J**	ND (4.1)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	6/5/06	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	7/7/06	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**15**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	9/1/06	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND(0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)

TABLE 9
ANALYTICAL RESULTS OF GROUNDWATER MONITORING PROGRAM
VOCs AND PERCHLORATE
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Monitoring Well ID	Sampling Date	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	Tentatively Identified Compounds (TICs)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-1	10/28/04	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	11/30/04	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	12/28/04	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
dup	12/28/04	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	1/26/05	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	4/19/05	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	7/28/05	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	10/29/05	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	1/4/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	4/3/06	ND (0.32)	**1.8**	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
	7/5/06	ND (0.32)	**0.44 J**	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
	8/30/06	ND (0.32)	**0.70 J**	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-2	10/27/04	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**49**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	11/29/04	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**60**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
dup	11/29/04	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**60**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	12/27/04	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**62**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	1/25/05	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**45**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	4/18/05	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**49**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	7/27/05	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**40**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
dup	7/27/05	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**42**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	10/29/05	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**36**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	1/6/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**110**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	4/5/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**380**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	NA
dup	4/5/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**390**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	NA
	6/5/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**420**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
	7/7/06	ND (0.32)	**19**	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**250**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
	9/1/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**310**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA

TABLE 9
ANALYTICAL RESULTS OF GROUNDWATER MONITORING PROGRAM
VOCs AND PERCHLORATE
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Monitoring Well ID	Sampling Date	Perchlorate	Acetone	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-3	10/28/04	**46**	**7.5 J**	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	11/30/04	**67**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	12/28/04	**63**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	1/25/05	**28**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	4/19/05	**27**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	7/28/05	**44**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	10/29/05	**88**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	1/5/06	**60**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
dup	1/5/06	**59**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	**0.62 J**	**0.31 J**
	4/7/06	**80**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	**0.36 J**	ND (0.30)
	7/6/06	**77**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	**0.41 J**	ND (0.30)
	8/30/06	**110**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	**0.79 J**	ND (0.30)
PW-4	10/29/04	**1.1**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	**0.94 J**	**0.33 J**
	12/1/04	**1.5**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	12/29/04	**0.95 J**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	1/24/05	**2.7**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.34)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	4/20/05	**2.5**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	7/29/05	**4**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	10/29/05	**5.1**	**7.3 J**	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
dup	10/29/05	**4.6**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	1/5/06	**5.5**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND (0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND (0.33)	ND (0.33)	ND (0.30)
	4/6/06	**4.6**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
	7/6/06	**1.7**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
dup	7/6/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
	8/31/06	**1.6 J**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-5a	8/28/06	**160**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-5b	8/28/06	**210**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-5c	8/28/06	**1200**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-5d	8/28/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-5e	8/28/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)

TABLE 9
ANALYTICAL RESULTS OF GROUNDWATER MONITORING PROGRAM
VOCs AND PERCHLORATE
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Monitoring Well ID	Sampling Date	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	Dibromochloromethane	1,2-Dibromoethane	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-3	10/28/04	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)
	11/30/04	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)
	12/28/04	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)
	1/25/05	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)
	4/19/05	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.32)
	7/28/05	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.32)
	10/29/05	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.32)
	1/5/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.32)
dup	1/5/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.32)
	4/7/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
	7/6/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
	8/30/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-4	10/29/04	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)
	12/1/04	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)
	12/29/04	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)
	1/24/05	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.32)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.30)
	4/20/05	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.32)
	7/29/05	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.32)
	10/29/05	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.32)
dup	10/29/05	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.32)
	1/5/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND (0.42)	ND (0.32)	ND (0.27)	ND (0.35)	ND (0.32)
	4/6/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
	7/6/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
dup	7/6/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
	8/31/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-5a	8/28/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-5b	8/28/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-5c	8/28/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-5d	8/28/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-5e	8/28/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)

TABLE 9
ANALYTICAL RESULTS OF GROUNDWATER MONITORING PROGRAM
VOCs AND PERCHLORATE
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Monitoring Well ID	Sampling Date	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Ethylbenzene	Hexachlorobutadiene	2-Hexanone	Isopropylbenzene	p-Isopropyltoluene	Methyl tert-butyl ether (MTBE)	4-Methyl-2-pentanone (MIBK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-3	10/28/04	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	11/30/04	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	12/28/04	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	1/25/05	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	**0.60 J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	4/19/05	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.51)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	7/28/05	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.51)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	10/29/05	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.51)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	1/5/06	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.51)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
dup	1/5/06	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.51)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	4/7/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**1.3 J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	7/6/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**3.8 J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	8/30/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**2.1 J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-4	10/29/04	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	12/1/04	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	12/29/04	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	1/24/05	ND (0.29)	ND (0.28)	ND (0.22)	ND (0.24)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.48)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	4/20/05	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.51)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	7/29/05	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.51)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	10/29/05	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.51)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
dup	10/29/05	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.51)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	1/5/06	ND (0.34)	ND (0.28)	ND (0.22)	ND (0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND (2.5)	ND (0.51)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	4/6/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**1.1 J,B**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	7/6/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
dup	7/6/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
	8/31/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-5a	8/28/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**3.4 J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-5b	8/28/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**10 B**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-5c	8/28/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**3.5 B,J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-5d	8/28/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-5e	8/28/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)

TABLE 9
ANALYTICAL RESULTS OF GROUNDWATER MONITORING PROGRAM
VOCs AND PERCHLORATE
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Monitoring Well ID	Sampling Date	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	Tentatively Identified Compounds (TICs)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-3	10/28/04	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**8.9**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	11/30/04	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**12**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	12/28/04	ND (0.32)	**3.4**	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**15**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	1/25/05	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**7.4**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	4/19/05	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**10**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	7/28/05	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**14**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	10/29/05	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**52**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	1/5/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**36**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
dup	1/5/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**35**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	4/7/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**48**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
	7/6/06	ND (0.32)	**4.8**	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**52**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
	8/30/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**110**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-4	10/29/04	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**1.4**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	12/1/04	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**2**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	12/29/04	ND (0.32)	**0.66 J**	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**1.4**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	1/24/05	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**4.3**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	4/20/05	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**2.4**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	7/29/05	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**4.4**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	10/29/05	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**3.4**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
dup	10/29/05	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**3.2**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	1/5/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**2.7**	ND (0.34)	ND (0.85)	ND (0.23)	ND (0.26)	ND (0.26)	ND (0.52)	ND (0.24)	ND
	4/6/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**3.8**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
	7/6/06	ND (0.32)	**0.95 J**	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**0.55 J**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
dup	7/6/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**0.44 J**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
	8/31/06	ND (0.32)	**0.70 J**	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**0.76 J**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-5a	8/28/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**16**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-5b	8/28/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**25**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-5c	8/28/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**20**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-5d	8/28/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**2.7**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-5e	8/28/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA

Monitoring Well ID	Sampling Date	Perchlorate	Acetone	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-6a	8/23/06	**1.9**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-6b	8/23/06	**0.81 J**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-6c	8/23/06	**0.94 J**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	**0.68 J**
PW-6d	8/23/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-6e	8/23/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-7a	8/22/06	**7**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-7b	8/22/06	**7.7**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
duplicate	8/22/06	**7.6**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-7c	8/22/06	**3.6**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	**0.42 J**
PW-7d	8/22/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	**0.40 J**	ND (0.30)
PW-7e	8/22/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-7f	8/22/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-7g	8/22/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-8a	8/25/06	**140**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-8b	8/25/06	**77**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW -8c	8/25/06	**92**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
duplicate	8/25/06	**92**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-8d	8/25/06	**92**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW- 8e	8/24/06	**46**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-9a	8/21/06	**1.4**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-9b	8/21/06	**13**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-9c	8/21/06	**190**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-9d	8/21/06	**2.9**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-9e	8/21/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
duplicate	8/21/06	ND (0.8)	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-9f	8/21/06	**71**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)
PW-9g	8/21/06	**100**	ND (4.5)	ND (0.28)	ND (0.27)	ND (0.32)	ND (0.30)	ND (0.32)	ND(0.42)	ND (3.8)	ND (0.37)	ND (0.25)	ND (0.22)	ND (0.28)	ND (0.36)	ND(0.40)	ND (0.33)	ND (0.30)

TABLE 9
ANALYTICAL RESULTS OF GROUNDWATER MONITORING PROGRAM
VOCs AND PERCHLORATE
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Monitoring Well ID	Sampling Date	2-Chlorotoluene	4-Chlorotoluene	1,2-Dibromo-3-chloropropane	Dibromochloromethane	1,2-Dibromoethane	Dibromomethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane
		μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
PW-6a	8/23/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-6b	8/23/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-6c	8/23/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-6d	8/23/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-6e	8/23/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-7a	8/22/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-7b	8/22/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
duplicate	8/22/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-7c	8/22/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-7d	8/22/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-7e	8/22/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-7f	8/22/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-7g	8/22/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-8a	8/25/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-8b	8/25/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW -8c	8/25/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
duplicate	8/25/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-8d	8/25/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW- 8e	8/24/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-9a	8/21/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-9b	8/21/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-9c	8/21/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-9d	8/21/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-9e	8/21/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
duplicate	8/21/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-9f	8/21/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)
PW-9g	8/21/06	ND (0.28)	ND (0.29)	ND (0.92)	ND (0.28)	ND (0.32)	ND (0.36)	ND (0.32)	ND (0.35)	ND (0.37)	ND (0.79)	ND (0.27)	ND (0.28)	ND(0.42)	ND (0.32)	ND(0.27)	ND (0.35)	ND(0.32)

TABLE 9
ANALYTICAL RESULTS OF GROUNDWATER MONITORING PROGRAM
VOCs AND PERCHLORATE
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Monitoring Well ID	Sampling Date	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Ethylbenzene	Hexachlorobutadiene	2-Hexanone	Isopropylbenzene	p-Isopropyltoluene	Methyl tert-butyl ether (MTBE)	4-Methyl-2-pentanone (MIBK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-6a	8/23/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**0.80 J, B**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-6b	8/23/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**1.4 J, B**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-6c	8/23/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**1.1 J, B**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-6d	8/23/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**1.5 J, B**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-6e	8/23/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**1.4 J, B**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-7a	8/22/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**2.4 B, J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-7b	8/22/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**1.5 B, J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
duplicate	8/22/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**1.3 B, J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-7c	8/22/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**1.8 B, J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-7d	8/22/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**1.7 B, J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-7e	8/22/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**1.8 B, J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-7f	8/22/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**1.9 B, J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-7g	8/22/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	**2.5 B, J**	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-8a	8/25/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-8b	8/25/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW -8c	8/25/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
duplicate	8/25/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-8d	8/25/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW- 8e	8/24/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-9a	8/21/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-9b	8/21/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-9c	8/21/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-9d	8/21/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-9e	8/21/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
duplicate	8/21/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-9f	8/21/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	**0.48 J**	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)
PW-9g	8/21/06	ND(0.34)	ND (0.28)	ND (0.22)	ND(0.32)	ND (0.25)	ND (0.38)	ND (2.6)	ND (0.25)	ND (0.28)	ND (0.32)	ND(3.5)	ND (0.70)	ND (0.41)	ND (0.27)	ND (0.16)	ND (0.27)	ND (0.24)

TABLE 9
ANALYTICAL RESULTS OF GROUNDWATER MONITORING PROGRAM
VOCs AND PERCHLORATE
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Monitoring Well ID	Sampling Date	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m,p-Xylene	o-Xylene	Tentatively Identified Compounds (TICs)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-6a	8/23/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-6b	8/23/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-6c	8/23/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-6d	8/23/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-6e	8/23/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-7a	8/22/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-7b	8/22/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**0.56 J**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
duplicate	8/22/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**0.54 J**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-7c	8/22/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-7d	8/22/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-7e	8/22/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-7f	8/22/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-7g	8/22/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-8a	8/25/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**22**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-8b	8/25/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**10**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW -8c	8/25/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**12**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
duplicate	8/25/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**12**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-8d	8/25/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**14**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW- 8e	8/24/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**9.8**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-9a	8/21/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-9b	8/21/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-9c	8/21/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**5.1**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-9d	8/21/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-9e	8/21/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
duplicate	8/21/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	ND (0.26)	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-9f	8/21/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**1.7**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA
PW-9g	8/21/06	ND (0.32)	ND (0.36)	ND (0.45)	ND (0.48)	ND (0.30)	ND (0.30)	**2.2**	ND (0.34)	ND(0.40)	ND (0.23)	ND (0.26)	ND (0.26)	ND(0.60)	ND(0.30)	NA

NOTES:
ND = Not detected above the Method Detection Limit (MDL) indicated in parentheses
NA = Not analyzed
ug/L = micrograms per liter
"J" indicates estimated concentration below the Project Reporting Limit and above the MDL
"B" indicates that analyte was detected in the associated Method Blank.

DUPLICATES:
The duplicate for PW-1 is labeled PW-25 in laboratory reports
The duplicate for PW-2 is labeled PW-26 in laboratory reports
The duplicate for PW-3 is labeled PW-27 in laboratory reports
The duplicate for PW-4 is labeled PW-28 in laboratory reports

METHODS:
USEPA Method 5030B/8260B for volatile organic compounds (VOCs)
USEPA Method 314.0 for perchlorate
USEPA Method 1625C Modified for N-nitrosodimethylamine (NDMA)

TABLE 10
ANALYTICAL RESULTS OF GROUNDWATER MONITORING PROGRAM - METALS
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Monitoring Well ID	Sampling Date	Aluminum	Arsenic	Barium	Boron	Calcium	Cerium	Chromium VI	Chromium, Total	Cobalt	Copper
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-1	10/28/04	2,500	4.4	31	30 J	56,000	3.2	0.28 J	64	1.9	26
	11/30/04	ND (47)	2.5	22	ND (7.4)	56,000	ND (0.037)	ND (0.041)	0.42 J	0.12 J	ND (0.49)
	1/25/05	ND (47)	2.4	21	ND (7.4)	57,000	ND (0.037)	0.39 J	ND (0.26)	0.12 J	1.0 J
	8/30/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-2	10/27/04	37,000	40	210 B	ND (7.4)	69,000	34	0.57 B, H, J	140	19	40
	11/29/04	ND (47)	1.6	13	25 B, J	54,000	ND (0.037)	0.10 J	1.2	0.26 J	0.71 J
	1/25/05	ND (47)	1.9	18	ND (7.4)	54,000	ND (0.037)	0.54 B, J	ND (0.26)	0.22 J	ND (0.49)
	7/7/05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
dup	11/29/04	ND (47)	1.3	14	24 B, J	53,000	ND (0.037)	0.35 J	1.3	0.12 J	0.60 J
	7/6/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/1/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-3	10/28/04	40,000	6.1	200	38 J	60,000	35	0.23 J	69	11	21
	11/30/04	ND (47)	1.8	18	18 B, J	49,000	ND (0.037)	0.37 J	ND (0.26)	0.17 J	0.55 J
	1/25/05	ND (47)	3.3	18	9.1 J	50,000	ND (0.037)	0.40 B, J	ND (0.26)	0.10 J	0.49 J
	8/30/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-4	10/29/04	5,600	22	41	28 J	33,000	22	1.3	29	1.7	19
	12/1/04	450	16	5.9	25 J	6,100	2.4	1.7 B, J	2.5	0.11 J	1.0 J
	1/24/05	340.00	18	14	30 J	8,300	5.3	1.2	3.3	0.22 J	2.0
	8/30/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-5a	8/28/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-5b	8/28/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-5c	8/28/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-5d	8/28/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-5e	8/28/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 10
ANALYTICAL RESULTS OF GROUNDWATER MONITORING PROGRAM - METALS
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Monitoring Well ID	Sampling Date	Aluminum	Arsenic	Barium	Boron	Calcium	Cerium	Chromium VI	Chromium, Total	Cobalt	Copper
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-6a	8/24/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-6b	8/23/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-6c	8/23/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-6d	8/23/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-6e	8/23/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-7a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-7b	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-7c	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-7d	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-7e	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-7f	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-7g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-8a	8/25/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-8b	8/25/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-8c	8/25/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
dup	8/25/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-8d	8/25/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-8e	8/24/06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-9a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-9b	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-9c	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-9d	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-9e	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-9f	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-9g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 10
ANALYTICAL RESULTS OF GROUNDWATER MONITORING PROGRAM - METALS
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Monitoring Well ID	Sampling Date	Iron	Lead	Lithium	Magnesium	Manganese	Nickel	Potassium	Sodium	Vanadium	Zinc	Zirconium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-1	10/28/04	7,000	21	ND (45)	9,100	89	30	5,200	10,000	6.9	1,100	ND (29)
	11/30/04	ND (8.8)	ND (0.13)	ND (45)	9,100	3.7	1.4	4,000	11,000	1.5	120	ND (29)
	1/25/05	9.6 J	ND (0.13)	ND (45)	8,700	3.7	1.5	2,700	11,000	1.3	51	NA
	8/30/06	NA	NA	NA	NA	NA	NA	9,800	NA	NA	NA	NA
PW-2	10/27/04	73,000	29	ND (45)	20,000	880	64	9,600	11,000	83	780	ND (29)
	11/29/04	ND (8.8)	0.18 B, J	ND (45)	8,300	4.6	1.4	2,700	11,000	1.1	22	ND (29)
	1/25/05	11 J	ND (0.13)	ND (45)	8,300	52	1.5	3,700	12,000	1.3	8.3 J	NA
	7/7/05	NA	NA	NA	NA	NA	NA	12,000	NA	NA	NA	NA
dup	11/29/04	ND (8.8)	ND (0.13)	ND (45)	8,100	4.1	1.3	2,800	12,000	1.4	6.6 B,J	ND (29)
	7/6/06	NA	NA	NA	NA	NA	NA	12,000	NA	NA	NA	NA
	9/1/06	NA	NA	NA	NA	NA	NA	44,000	NA	NA	NA	NA
PW-3	10/28/04	150,000	14	48 J	18,000	820	11	8,900	12,000	34	340	ND (29)
	11/30/04	ND (8.8)	ND (0.13)	ND (45)	7,400	12	2.4	2,900	11,000	2.1	56	ND (29)
	1/25/05	14 J	ND (0.13)	ND (45)	7,500	5.3	1.2	2,600	11,000	1.7	25	NA
	8/30/06	NA	NA	NA	NA	NA	NA	2,800	NA	NA	NA	NA
PW-4	10/29/04	11,000	21	ND (45)	3,300	330	42	4,700	66,000	18	560	ND (29)
	12/1/04	180	0.80 J	ND (45)	480	5.3	0.57 J	5,000	75,000	12	6.7 J	ND (29)
	1/24/05	210	1.6	ND (45)	430	11	1.2	4,700	79,000	11	9.0	NA
	8/30/06	NA	NA	NA	NA	NA	NA	3,800	NA	NA	NA	NA
PW-5a	8/28/06	NA	NA	NA	NA	NA	NA	3,700 B	NA	NA	NA	NA
PW-5b	8/28/06	NA	NA	NA	NA	NA	NA	3,600 B	NA	NA	NA	NA
PW-5c	8/28/06	NA	NA	NA	NA	NA	NA	3,200 B	NA	NA	NA	NA
PW-5d	8/28/06	NA	NA	NA	NA	NA	NA	3,200 B	NA	NA	NA	NA
PW-5e	8/28/06	NA	NA	NA	NA	NA	NA	5,000 B-1	NA	NA	NA	NA

TABLE 10
ANALYTICAL RESULTS OF GROUNDWATER MONITORING PROGRAM - METALS
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Monitoring Well ID	Sampling Date	Iron	Lead	Lithium	Magnesium	Manganese	Nickel	Potassium	Sodium	Vanadium	Zinc	Zirconium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
PW-6a	8/24/06	NA	NA	NA	NA	NA	NA	3,800 B	NA	NA	NA	NA
PW-6b	8/23/06	NA	NA	NA	NA	NA	NA	3,500	NA	NA	NA	NA
PW-6c	8/23/06	NA	NA	NA	NA	NA	NA	4,100	NA	NA	NA	NA
PW-6d	8/23/06	NA	NA	NA	NA	NA	NA	3,700	NA	NA	NA	NA
PW-6e	8/23/06	NA	NA	NA	NA	NA	NA	2,100	NA	NA	NA	NA
PW-7a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-7b	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-7c	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-7d	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-7e	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-7f	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-7g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-8a	8/25/06	NA	NA	NA	NA	NA	NA	3,300 B	NA	NA	NA	NA
PW-8b	8/25/06	NA	NA	NA	NA	NA	NA	3,300 B	NA	NA	NA	NA
PW-8c	8/25/06	NA	NA	NA	NA	NA	NA	3,400 B	NA	NA	NA	NA
dup	8/25/06	NA	NA	NA	NA	NA	NA	3,300 B	NA	NA	NA	NA
PW-8d	8/25/06	NA	NA	NA	NA	NA	NA	3,500 B	NA	NA	NA	NA
PW-8e	8/24/06	NA	NA	NA	NA	NA	NA	3,300 B	NA	NA	NA	NA
PW-9a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-9b	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-9c	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-9d	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-9e	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-9f	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-9g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:

ND = Not detected above the Method Detection Limit (MDL) indicated in parentheses
NA = Not analyzed
ug/L = micrograms per liter
"J" indicates estimated concentration below the Project Reporting Limit and above the MDL
"B" indicates that analyte was detected in the associated Method Blank
"H" indicates sample analysis performed past method-specified holding time
Analytical results in October 2004 reflect total metal concentrations. Subsequent groundwater samples were filtered and the data reflect dissolved metal concentrations

DUPLICATES:

The duplicate for PW-1 is labeled PW-25 in laboratory reports
The duplicate for PW-2 is labeled PW-26 in laboratory reports
The duplicate for PW-3 is labeled PW-27 in laboratory reports
The duplicate for PW-4 is labeled PW-28 in laboratory reports

METHODS:

USEPA Method 6010B/6020 for metals, except as stated below
USEPA Method 7199 for chromium VI

TABLE 11
ANALYTICAL RESULTS OF GROUNDWATER MONITORING PROGRAM - GENERAL CHEMISTRY
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Monitoring Well ID	Date Sampled	Alkalinity (as CaCo3)	Ammonia-N	Chlorate	Chloride	Hardness (as CaCO3)	Nitrate-N	Sulfate	Sulfide	Total Dissolved Solids	pH
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
PW-1	10/28/04	120	ND (0.11)	ND*	4.5	180	3.3	23	0.011 J	230	7.58
	11/30/04	160	ND (0.11)	0.0066 J	4.9	180	4.4	23	0.046 B, J	250	7.55
	1/26/05	160	ND (0.11)	0.008 J	4.9	180	3.9	23	0.85	250	7.64
	8/30/06	NA	0.13 J	0.015 J	NA	NA	6.4	NA	NA	NA	NA
PW-2	10/27/04	170	ND (0.11)	ND*	4.3	260	3.1	22	ND (0.010)	230	7.23
	11/29/04	170	ND (0.11)	0.0069 J	4.3 J	170	3.4	22	ND (0.010)	250	7.85
	1/25/05	160	ND (0.11)	0.0051 J	4.2	170	3.2	22	0.39	260	7.46
duplicate	11/29/04	170	ND (0.11)	0.0041 J	4.4	170	3.4	23	ND (0.010)	250	7.84
	7/7/06	NA	0.097 J	NA	NA	NA	NA	NA	NA	NA	NA
	9/1/06	NA	ND (0.070)	ND (0.005)	NA	NA	16	NA	NA	NA	NA
PW-3	10/28/04	150	ND (0.11)	ND*	4.1	220	3.0	20	0.045 J	210	7.54
	11/30/04	160	ND (0.11)	ND*	4.1	150	3.3	21	ND (0.010)	250	7.40
	1/25/05	150	ND (0.11)	ND*	3.8	160	2.9	20	0.57	240	7.48
	8/30/06	NA	0.085 J	ND (0.005)	NA	NA	6.5	NA	NA	NA	NA
PW-4	10/29/04	170	0.15 J	ND*	4.5	96	4.0	26	0.14	340	9.90
	12/1/04	220	0.27 J	0.0059 J	4.8	17	4.0	33	ND (0.010)	810	8.92
	1/24/05	290	0.14 J	ND*	6.3	280	4.2	26	ND (0.010)	1,100	9.54
	8/30/06	NA	0.076 J	ND (0.005)	NA	NA	5.7	NA	NA	NA	NA
PW-5a	8/28/06	NA	ND (0.070)	ND (0.005)	NA	NA	4.6	NA	NA	NA	NA
PW-5b	8/28/06	NA	0.23J	ND (0.005)	NA	NA	1.7	NA	NA	NA	NA
PW-5c	8/28/06	NA	0.076J	ND (0.005)	NA	NA	4.6	NA	NA	NA	NA
PW-5d	8/28/06	NA	0.17J	ND (0.005)	NA	NA	ND (0.060)	NA	NA	NA	NA
PW-5e	8/28/06	NA	0.089J	ND (0.005)	NA	NA	0.37	NA	NA	NA	NA
PW-6a	8/24/06	NA	ND (0.070)	ND (0.005)	NA	NA	5.4	NA	NA	NA	NA
PW-6b	8/24/06	NA	0.10 J	ND (0.005)	NA	NA	0.38	NA	NA	NA	NA
PW-6c	8/24/06	NA	ND (0.070)	ND (0.005)	NA	NA	0.12	NA	NA	NA	NA
PW-6d	8/24/06	NA	ND (0.070)	ND (0.005)	NA	NA	1.2	NA	NA	NA	NA
PW-6e	8/24/06	NA	ND (0.070)	ND (0.005)	NA	NA	0.41	NA	NA	NA	NA

ANALYTICAL RESULTS OF GROUNDWATER MONITORING PROGRAM - GENERAL CHEMISTRY

Additional Remedial Investigation

160-Acre Parcel, Rialto, California

Monitoring Well ID	Date Sampled	Alkalinity (as CaCo3)	Ammonia-N	Chlorate	Chloride	Hardness (as CaCO3)	Nitrate-N	Sulfate	Sulfide	Total Dissolved Solids	pH
PW-7a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-7b	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-7c	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-7d	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-7e	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-7f	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-7g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-8a	8/25/06	NA	ND (0.070)	ND (0.005)	NA	NA	4.0	NA	NA	NA	NA
PW-8b	8/25/06	NA	ND (0.070)	ND (0.005)	NA	NA	2.8	NA	NA	NA	NA
PW-8c	8/25/06	NA	ND (0.070)	ND (0.005)	NA	NA	2.6	NA	NA	NA	NA
duplicate	8/25/06	NA	ND (0.070)	ND (0.005)	NA	NA	2.6	NA	NA	NA	NA
PW-8d	8/25/06	NA	ND (0.070)	ND (0.005)	NA	NA	2.1	NA	NA	NA	NA
PW-8e	8/24/06	NA	0.072 J	ND (0.005)	NA	NA	1.5	NA	NA	NA	NA
PW-9a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-9b	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-9c	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-9d	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-9e	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-9f	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-9g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:

ND = Not detected above the Method Detection Limit (MDL) indicated in parentheses

NA = Not analyzed

mg/L = milligrams per liter

"J" indicates estimated concentration below the Project Reporting Limit and above the MDL

"B" indicates that analyte was detected in the associated Method Blank.

*Indicates constituent not detected above a Laboratory Reporting Limit of 0.01 mg/L

METHODS:

Alkalinity as CaCO3 analyzed by Method SM2320B

Ammonia-N analyzed by Method SM4500-NH3,F

Chlorate analyzed by USEPA Method 300.1

Chloride analyzed by USEPA Method 300.0

Hardness (as CaCO3) analyzed by Method SM2340B

Nitrate-N analyzed by USEPA Method 300.0

Sulfate analyzed by USEPA Method 300.0

Sulfide analyzed by USEPA Method 376.2

Total Dissolved Solids analyzed by USEPA Method 160.1

pH analyzed by USEPA Method 150.1

TABLE 12
ANALYTICAL RESULTS FOR QUALITY CONTROL SAMPLES - EQUIPMENT BLANKS
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Analyte and Units	PW-29-07-26	PW-29-07-27	PW-29-08-21	PW-29-08-22	PW-29-08-23	PW-29-08-24	PW-29-08-25	PW-29-08-28	PW-29-08-30	PW-29-08-31	PW-29-09-01
	7/26/06	7/27/06	8/21/06	8/22/06	8/23/06	8/24/06	8/25/06	8/28/06	8/30/06	8/31/06	9/1/06
Volatile Ogranic Compounds (VOCs), µg/L											
Acetone	**16**	ND (4.5)	ND (4.5)	ND (4.5)	ND (4.5)	ND (4.5)	ND (4.5)	ND (4.5)	ND (4.5)	ND (4.5)	ND (4.5)
Benzene	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
Bromobenzene	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
Bromochloromethane	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
Bromodichloromethane	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)
Bromoform	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
Bromomethane	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
2-Butanone (MEK)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.8)
n-Butylbenzene	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)
sec-Butylbenzene	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
tert-Butylbenzene	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
Carbon tetrachloride	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
Chlorobenzene	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)
Chloroethane	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)
Chloroform	ND (0.33)	ND (0.33)	ND (0.33)	**0.57 J**	**0.64 J**	**0.34 J**	ND (0.33)	ND (0.33)	ND (0.33)	**0.35 J**	ND (0.33)
Chloromethane	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)
2-Chlorotoluene	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
4-Chlorotoluene	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)
1,2-Dibromo-3-chloropropane	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)
Dibromochloromethane	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
1,2-Dibromoethane	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
Dibromomethane	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)
1,2-Dichlorobenzene	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
1,3-Dichlorobenzene	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)
1,4-Dichlorobenzene	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)
Dichlorodifluoromethane	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)
1,1-Dichloroethane	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)

TABLE 12
ANALYTICAL RESULTS FOR QUALITY CONTROL SAMPLES - EQUIPMENT BLANKS
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Analyte and Units	PW-29-07-26	PW-29-07-27	PW-29-08-21	PW-29-08-22	PW-29-08-23	PW-29-08-24	PW-29-08-25	PW-29-08-28	PW-29-08-30	PW-29-08-31	PW-29-09-01
	7/26/06	7/27/06	8/21/06	8/22/06	8/23/06	8/24/06	8/25/06	8/28/06	8/30/06	8/31/06	9/1/06
1,2-Dichloroethane	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
1,1-Dichloroethene	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
cis-1,2-Dichloroethene	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
trans-1,2-Dichloroethene	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
1,2-Dichloropropane	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)
1,3-Dichloropropane	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
2,2-Dichloropropane	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
1,1-Dichloropropene	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
cis-1,3-Dichloropropene	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
trans-1,3-Dichloropropene	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
Ethylbenzene	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
Hexachlorobutadiene	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)
2-Hexanone	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.6)
Isopropylbenzene	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
p-Isopropyltoluene	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
Methyl tert-butyl ether	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
2-Methyl-2-pentanone (MIBK)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)
Methylene Chloride	ND(0.70)	**1.3J**	ND(0.70)	**1.8 B, J**	**1.4 B, J**	**3.4 J**	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)
Naphthalene	ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)
n-Propylbenzene	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
Styrene	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)
1,1,1,2-Tetrachloroethane	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
1,1,2,2-Tetrachloroethane	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
Tetrachloroethene	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
Toluene	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)
1,2,3-Trichlorobenzene	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)
1,2,4-Trichlorobenzene	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)
1,1,1-Trichloroethane	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)
1,1,2-Trichloroethane	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)

TABLE 12
ANALYTICAL RESULTS FOR QUALITY CONTROL SAMPLES - EQUIPMENT BLANKS
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Analyte and Units	PW-29-07-26	PW-29-07-27	PW-29-08-21	PW-29-08-22	PW-29-08-23	PW-29-08-24	PW-29-08-25	PW-29-08-28	PW-29-08-30	PW-29-08-31	PW-29-09-01
	7/26/06	7/27/06	8/21/06	8/22/06	8/23/06	8/24/06	8/25/06	8/28/06	8/30/06	8/31/06	9/1/06
Trichloroethene	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)
Trichlorofluoromethane	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
1,2,3-Trichloropropane	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)
1,2,4-Trimethylbenzene	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)
1,3,5-Trimethylbenzene	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)
Vinyl chloride	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)
m,p-Xylene	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)
o-Xylene	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)
Additional Constituents of Concern in μg/L											
Perchlorate	ND (0.80)	ND (0.80)	ND (0.80)	ND (0.80)	ND (0.80)	ND (0.80)	ND (0.80)	ND (0.80)	ND (0.80)	ND (0.80)	ND (0.80)

NOTES:
ND = Not detected above the Method Detection Limit (MDL) indicated in parentheses
NA = Not analyzed
ug/L = micrograms per liter
mg/L = milligrams per liter
"J" indicates estimated concentration below the Project Reporting Limit and above the MDL

METHODS:
USEPA Method 5030B/8260B for volatile organic compounds (VOCs)
USEPA Method 314.0 for perchlorate

TABLE 13
ANALYTICAL RESULTS FOR QUALITY CONTROL SAMPLES - TRIP BLANKS
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Volatile Organic Compounds (VOC) (μg/L)	PW-30-07-26	PW-30-07-27	PW-30-08-21	PW-30-08-22	PW-30-08-23	PW-30-08-24	PW-30-08-25	PW-30-08-28	PW-30-08-30	PW-30-08-31	PW-30-09-01
	7/26/06	7/27/06	8/21/06	8/22/06	8/23/06	8/24/06	8/25/06	8/28/06	8/30/06	8/31/06	9/1/06
Acetone	ND (4.5)	ND (4.5)	ND (4.5)	ND (4.5)	ND (4.5)	ND (4.5)	ND (4.5)	ND (4.5)	ND (4.5)	ND (4.5)	ND (4.5)
Benzene	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
Bromobenzene	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
Bromochloromethane	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
Bromodichloromethane	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)
Bromoform	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
Bromomethane	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
2-Butanone (MEK)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.8)	ND (3.8)
n-Butylbenzene	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)
sec-Butylbenzene	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
tert-Butylbenzene	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
Carbon tetrachloride	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
Chlorobenzene	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)
Chloroethane	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)
Chloroform	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.33)	ND (0.33)
Chloromethane	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)
2-Chlorotoluene	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
4-Chlorotoluene	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)	ND (0.29)
1,2-Dibromo-3-chloropropane	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)
Dibromochloromethane	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
1,2-Dibromoethane	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
Dibromomethane	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)
1,2-Dichlorobenzene	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
1,3-Dichlorobenzene	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)
1,4-Dichlorobenzene	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)	ND (0.37)
Dichlorodifluoromethane	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)

TABLE 13
ANALYTICAL RESULTS FOR QUALITY CONTROL SAMPLES - TRIP BLANKS
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Volatile Organic Compounds (VOC) (µg/L)	PW-30-07-26	PW-30-07-27	PW-30-08-21	PW-30-08-22	PW-30-08-23	PW-30-08-24	PW-30-08-25	PW-30-08-28	PW-30-08-30	PW-30-08-31	PW-30-09-01
	7/26/06	7/27/06	8/21/06	8/22/06	8/23/06	8/24/06	8/25/06	8/28/06	8/30/06	8/31/06	9/1/06
1,1-Dichloroethane	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
1,2-Dichloroethane	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
1,1-Dichloroethene	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)	ND (0.42)
cis-1,2-Dichloroethene	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
trans-1,2-Dichloroethene	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
1,2-Dichloropropane	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)
1,3-Dichloropropane	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
2,2-Dichloropropane	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
1,1-Dichloropropene	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
cis-1,3-Dichloropropene	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)	ND (0.22)
trans-1,3-Dichloropropene	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
Ethylbenzene	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
Hexachlorobutadiene	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)	ND (0.38)
2-Hexanone	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.6)	ND (2.6)
Isopropylbenzene	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
p-Isopropyltoluene	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.28)
Methyl tert-butyl ether	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
2-Methyl-2-pentanone	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)	ND (3.5)
Methylene Chloride	ND(0.70)	ND(0.70)	ND(0.70)	**1.5 B, J**	**1.3 B, J**	ND(0.70)	ND(0.70)	ND(0.70)	**1.9 J**	ND(0.70)	ND(0.70)
Naphthalene	ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)	ND (0.41)
n-Propylbenzene	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
Styrene	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)
1,1,1,2-Tetrachloroethane	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
1,1,2,2-Tetrachloroethane	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)	ND (0.24)
Tetrachloroethene	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
Toluene	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)	ND (0.36)

TABLE 13
ANALYTICAL RESULTS FOR QUALITY CONTROL SAMPLES - TRIP BLANKS
Additional Remedial Investigation
160-Acre Parcel, Rialto, California

Volatile Organic Compounds (VOC) (μg/L)	PW-30-07-26	PW-30-07-27	PW-30-08-21	PW-30-08-22	PW-30-08-23	PW-30-08-24	PW-30-08-25	PW-30-08-28	PW-30-08-30	PW-30-08-31	PW-30-09-01
	7/26/06	7/27/06	8/21/06	8/22/06	8/23/06	8/24/06	8/25/06	8/28/06	8/30/06	8/31/06	9/1/06
1,2,3-Trichlorobenzene	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)
1,2,4-Trichlorobenzene	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)	ND (0.48)
1,1,1-Trichloroethane	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)
1,1,2-Trichloroethane	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)
Trichloroethene	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)
Trichlorofluoromethane	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
1,2,3-Trichloropropane	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)	ND (0.40)
1,2,4-Trimethylbenzene	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)	ND (0.23)
1,3,5-Trimethylbenzene	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)
Vinyl chloride	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)
m,p-Xylene	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)	ND (0.60)
o-Xylene	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)	ND (0.30)

NOTES:
ND = Not detected above the Method Detection Limit (MDL) indicated in parentheses
ug/L = micrograms per liter
"J" indicates estimated concentration below the Project Reporting Limit and above the MDL
"B" indicates that analyte was detected in the associated Method Blank

METHODS:
USEPA Method 5030B/8260B for volatile organic compounds (VOCs)