

**Appendix F:
Hazards and Hazardous Materials
Supporting Information**

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PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

**WAL-MART STORE # 2044-03 (EXPANSION)
2044 FOREST AVENUE
CHICO, CALIFORNIA**

February 26, 2008

GEOPlus, Inc. File Nos. 08R040 / 1236

The following issuance and viability dates are computed in accordance with Section 4.6 of ASTM 1527-05:

Issuance Date: February 26, 2008

Viability Date: June 7, 2008

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February 26, 2008

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February 26, 2008

File No. 1236

PACLAND

606 Columbia Street NW, Suite 211
Olympia, WA 98501

ATTN: Mr. Mike Neer

**SUBJECT: PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT
PROPOSED RETAIL DEVELOPMENT
WAL-MART STORE # 2044-03 (EXPANSION)
2044 FOREST AVENUE
CHICO, CALIFORNIA**

Dear Mr. Neer:

We are pleased to present this report of our Phase I Environmental Site Assessment for the 27-acre property in Chico, California, upon which Wal-Mart plans to expand their existing store. GEOPlus Inc. has prepared this report in accordance with GEOPlus' Proposal 07P365 (dated November 6, 2007). We trust the information presented in this report will meet PACLAND's and Wal-Mart's needs at this time.

We appreciate this opportunity to provide our environmental services on this project. Should you require additional information or have any questions regarding this report, please contact the undersigned at (530) 365-8088.

Sincerely,

GEOPLUS, INC.

William R. Bergmann, RG, CHG
Principal Hydrogeologist

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Principal Geotechnical Engineer

WRB:TEM:wb

Cc: Ladd Cahoon, Edgcomb Law Group

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February 26, 2008

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1 EXECUTIVE SUMMARY

GEOPlus conducted a Phase I Environmental Site Assessment (ESA) of an approximately 27-acre property located at 2044 Forest Avenue in Chico, California (site). We have prepared the Phase I ESA portion of this report in accordance with the ASTM E-1527-05 standard and Wal-Mart's Environmental Due Diligence Policy (EDDP) dated October 22, 2007. A previous Phase I ESA of the site was prepared by the signatories of this report when employed by Kleinfelder (2003).

This report is viable until June 7, 2008 pursuant to Section 4.6 of ASTM 1527-05 based on the date of site reconnaissance. Pursuant to the EDDP, a table of critical dates is presented below.

Table 1. CRITICAL DATES

Criterion	Date
Report Issuance Date	February 26, 2008
Date of Interview of Past and Present Owners and Occupants Identified in Section 10 of ASTM 1527-05	December 11, 2007
Date of Recorded Environmental Cleanup Lien Search	January 1, 2008
Date of Government Record Review	December 11, 2007
Date of Visual Inspection of Subject and Adjoining Properties	December 11, 2007
Earliest Date of Interviews, Lien Search, Record Reviews, and Inspections	December 11, 2007
Report Viability Date	June 7, 2008

The subject property is composed of three parcels, Butte County Assessor's Parcel Numbers 002-170-004, 002-370-055, and -057. The site is accessed from the east via Forest Avenue and from the north via Baney Lane. This report documents the findings of GEOPlus' assessment.

The site is located in a retail-commercial area in southeastern Chico. The site occupies an area of approximately 27 acres and is bounded by Baney Lane and retail-commercial development to the north, State Route 99E to the west, Forest Avenue to the east, and Wittmeier Drive and developed property (Wittmeier Auto Center) to the south. The northern 16.7 acres is developed with an approximately 125,889-square foot Wal-Mart store surrounded by paved parking and

drive areas and landscaping. The southern portion of the site encompasses approximately 10-1/2 acres and is historically undeveloped. A storm drain easement borders the southern portion of the site from Wittmeier Drive.

Business Environmental Risk Considerations:

A high-voltage power line crosses the north edge of the undeveloped portion of the property in an east-west direction. This power line will be relocated as part of the expansion and may constitute a business environmental risk.

A wetlands study has been performed, which delineates a small area of “potential” wetland. The study was submitted to the Sacramento office of the US Army Corps of Engineers (USACE) for verification. The USACE has not responded at the time of this report. Therefore, wetlands may constitute a business environmental risk.

An Asbestos Building Material and Lead-Based Paint Survey of the portion of the existing Wal-Mart store to be expanded was performed by Kleinfelder in 2003. Asbestos was not reported in any of the 21 building material samples. Lead-based paint was not reported in any of the 20 locations tested.

California Water Service Co. (CWS) supplies the drinking water for the site and other properties in Chico. CWS routinely tests the water it supplies to the area for lead and other potential contaminants. CWS’s Water Quality Report for the most recent year when lead was tested, 2004 indicates that none of the 35 samples tested for lead in 2004 contained lead.

The store manager listed the equipment having the refrigeration systems in the store containing chlorofluorocarbons (CFC’s). These include the air conditioning units on the roof, 20 or more soft drink machines, one milk cooler, one ice cream freezer, McDonald’s restaurant walk-in freezer, and one ice machine. The store manager did not know the types of refrigerants used and indicated the machines are regularly maintained in-house by Wal-Mart (roof-mounted equipment) and by outside vendors (remaining equipment). Chlorofluorocarbons do not appear to present a business environmental risk for the site.

GEOPlus observed the condition of the underground oil/water interceptor tank west of the lube pit at the Tire and Lube Express (TLE) shop. The concrete vault measured approximately 2-feet wide, 5-feet long, and 2-feet deep. The vault contained approximately 8 inches of water covered with an approximately 1-inch thick oil film. According to the TLE shop support manager, the interceptor receives fluids from the floor drains in the lube pit, roll-up door drop inlet, and storage room. The interceptor is pumped out by a licensed contractor on a regular basis.

GEOPlus reviewed the waste manifest record of the most recent removal, which indicated that January Environmental Services, Inc. removed 100 gallons of “non hazmat water and oil” on November 11, 2007.

Geotechnical Studies of Site: As part of the past and concurrent geotechnical investigations, subsurface borings were drilled at the site to a maximum depth of 15-1/2 feet for geotechnical investigations by Twining (1992), Kleinfelder (2003), and GEOPlus (2008). Odors or obvious visual evidence of contamination of the soil encountered in the borings were not observed in any of the previous geotechnical investigations.

The current geotechnical report (GEOPlus, February 15, 2008) indicates the presence of undocumented fill on the site. It is likely that this fill is related to the construction of the Wal-Mart store.

Five 6-inch deep soil samples were collected from the undeveloped southern area of the site as part of the geotechnical investigation performed by GEOPlus in 2007. These samples were composited and tested for top soil analysis and organochlorine pesticides. The laboratory reported that the composite sample did not contain organochlorine pesticides (GEOPlus 2008).

Conclusions: GEOPlus performed this ESA of the site in general conformance with the scope and limitations of ASTM Practice E1527-05. Any exceptions to, or deletions from this practice are described in Section 2.4 of this report. This assessment reveals no evidence of recognized environmental conditions in connection with the property at this time.

Potential business environmental risks identified in this report include wetlands and high-voltage power lines.

This summary is intended for introductory and reference use only. Our conclusions and findings are discussed in detail in Section 7.0 of this report. This report is subject to the limitations presented in Section 2.2.

2 INTRODUCTION

This report documents the methodology and findings of a Phase I Environmental Site Assessment (ESA) for an approximately 27-acre property in Chico, California (Plate 1), upon which Wal-Mart intends to expand existing store No. 2044-03. The assessment area ("site") comprises Butte County Assessor's Parcel Numbers 002-170-004, 002-370-055, and 002-370-057 that are located at 2044 Forest Avenue in Chico, California (site). The site boundaries are shown in Plate 2. Copies of a schematic project plan and the Butte County Assessors parcel maps are presented in Appendix A-1 and A-2, respectively. Adjacent parcels include commercial properties to the north, east, and south, and State Highway 99E to the west. PACLAND retained GEOPlus to perform the work in general accordance with GEOPlus' Proposal 07P365 (dated November 6, 2007), the *Phase I ESA Site Due Diligence Policy (October 22, 2007)* furnished by PACLAND, and the American Society of Testing and Materials (ASTM) Standard E-1527-05 for conducting environmental site assessments.

The Phase I ESA included a review of available regulatory agency databases and records, aerial photographs, interviews with knowledgeable individuals of the site history and a site visit. The Findings and Conclusions are presented in detail in Section 7.0. The basis for the conclusions is the result of GEOPlus' research and investigation, which follows in Sections 3.0 through 6.0.

2.1 PURPOSE

The purpose of the work described in this report was to identify, to the extent feasible, *recognized environmental conditions* existing at the subject property in general accordance with ASTM E-1527-05. *Recognized environmental conditions* "means the presence, or likely presence, of hazardous substances or petroleum products on the property under conditions that indicate an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes *hazardous substances* or *petroleum products* even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

2.2 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

Phase I Environmental Site Assessments are non-comprehensive by nature and are unlikely to identify all environmental problems or eliminate all risk. The attached report is a qualitative

assessment. GEOPlus offers a range of investigative and engineering services to suit the needs of our clients, including more quantitative investigations. Although risk can never be eliminated, more detailed and extensive investigations yield more information, which may help to better understand and manage site risks. Since such detailed services involve greater expense, we ask our clients to participate in identifying the level of service that will provide them with an acceptable level of risk. Please contact the signatories of this report if you would like to discuss the issue of risk further.

The Phase I ESA scope of work for this project was based upon ASTM Standard E 1527-05, and Wal-Mart's EDDP (October 22, 2007). The scope of work for topsoil sampling was based on Wal-Mart's Geotechnical Investigation Specifications and Report Requirements (September 28, 2007). GEOPlus Inc. has prepared this report in accordance with GEOPlus' Proposal 07P365 (dated November 6, 2007). Please be aware that our scope of work was limited to those items specifically identified in the November 6, 2007 proposal (Phase I ESA). Environmental issues not specifically addressed in the proposal or this report is beyond the scope of our work and not included in our assessment.

Land use, site conditions (both on-site and off-site) and other factors will change over time. Since site activities and regulations beyond our control could change at any time after the completion of this report, our observations, findings, and opinions can be considered valid only as of the date of the site visit. This report should not be relied upon after 180 days from the date of its issuance (Section 4.6 of ASTM Standard E 1527-05).

The property owner is solely responsible for notifying all governmental agencies and the public at large of the existence, release, treatment or disposal of any hazardous materials observed at the project site. GEOPlus assumes no responsibility or liability whatsoever for any claim, loss of property value, damage, or injury that results from pre-existing hazardous materials being encountered or present on the project site, or from the discovery of such hazardous materials.

GEOPlus should be notified for additional consultation if the client wishes to reduce the uncertainties beyond the level associated with this report.

GEOPlus has performed the services in a manner consistent with that level of care and skill ordinarily exercised by other members of our profession currently practicing in the same locality and under similar conditions, within the limitations of the ASTM E 1527-05 standard, the All Appropriate Inquiries Rule established by the U.S. Environmental Agency (40 C.F.R. Part 312), and Wal-Mart's EDDP dated October 22, 2007.

2.3 LIMITING CONDITIONS AND METHODOLOGY USED

The Phase I ESA followed the methodology set forth in ASTM Standard E-1527-05. The scope of work for the Phase I ESA included the following:

- Review of federal, state, and local regulatory agency lists and databases of facilities that use, store, and/or generate hazardous chemicals, which would help reveal recognized environmental conditions;
- Site visit to assess visually obvious features or materials that may present the potential for recognized environmental conditions;
- Interviews with persons knowledgeable of the site's history; and
- Site historical sources review: aerial photographs, city directories, and Sanborn Fire Insurance Maps, if available.

Our scope of services also included assessing Business Environmental Risks (BER's) including:

Radon, indoor air quality, lead in drinking water, environmental regulatory compliance, high-voltage power lines, archeological, cultural and historic resources, wetland and surface waters, endangered species, wildlife sanctuaries, biological agents, mold, polychlorinated biphenyls (PCB), mercury, chlorinated fluorocarbons (CFC), above ground (AGT) and underground (UST) storage tanks, asbestos containing materials (ACM), lead-based paint, floor drains, water and waster water, and regulated and hazardous materials use and storage.

2.4 STATEMENT OF CERTIFICATION AND RELIANCE

The attached report is certified to, can be relied upon by, and has been prepared for the exclusive use of the following entities: PACLAND; Edgcomb Law Group; and Wal-Mart Stores, Inc., a Delaware corporation, and their respective successors, assigns, affiliates, and subsidiaries. Any of the named entities above can convey this report to an affiliate, related entity, subsidiary, lender, title insurer, regulatory/city agency or current property owner(s) and their agents, but further dissemination requires prior written approval from GEOPlus, Inc. The term "certification" is limited to that as defined by Section 8770.6 of the California Business and Professions Code.

2.5 ENVIRONMENTAL PROFESSIONAL STATEMENT

We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in ASTM 1527-05 and have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and

setting of the subject property. We have developed and performed the All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

2.6 STATEMENT OF COMPLIANCE WITH WAL-MART REQUIREMENTS

Other than as expressly stated in section 2.7 herein, this report has been prepared in full compliance with Wal-Mart's EDDP.

2.7 DEVIATIONS

The material content of this report is intended to be consistent with a standard of practice as defined by ASTM practice E 1527-05. However, the Phase I aspects of this report differ in style, arrangement, and presentation of material from the format described by ASTM.

3 SITE DESCRIPTION

This section describes the location, legal and physical description of the site. Additional site descriptive information is discussed in Section 4.0 - Historical Use and Section 6.0 - Information from Site Reconnaissance.

3.1 SITE LOCATION AND LEGAL DESCRIPTION

The assessment area ("site") location and legal description are summarized below:

<i>Site Name:</i>	Proposed Retail Store #2044-03 (EXPANSION) – 27-Acres
<i>Site Address:</i>	2044 Forest Avenue
<i>City:</i>	Chico, California
<i>County:</i>	Butte
<i>Tax Lots:</i>	002-170-004, 002-370-055, and -057
<i>Legal Description:</i>	<i>Township: 22 N; Range: 2E; Section: 31;</i> Mount Diablo Baseline and Meridian; Latitude: 39.722020; Longitude: –121.802320
<i>Map:</i>	USGS: Chico, CA – Butte County, 7.5' Quadrangle, 1948, Photorevised 1978.

3.2 SITE CLIMATE

Chico is located within the northern portion of the Sacramento Valley in California, and the climate is characterized by a dry, hot summer and a mild winter with moderate rainfall. The average annual precipitation in the Chico area is approximately 26 inches, most of which falls as rain between November and April. The average daily minimum temperature is 36 degrees Fahrenheit (January) and the average daily maximum temperature 97 degrees Fahrenheit (July).

3.3 REGIONAL GEOLOGY

Chico is located within the northern portion of the Great Valley Geologic Province of California, which includes the Sacramento and San Joaquin Valleys. The Province is characterized by thousands of feet of marine and non-marine (continental) sedimentary rocks and some volcanic rocks that have accumulated within a large down-warped basin, known as the Great Valley, over the last about 100 million years. Much of Chico is located on a broad alluvial apron deposited

by the numerous river and stream systems exiting the Sierra Nevada Mountains to the east. The alluvial apron thins to the east, where bedrock of the Tuscan formation is commonly at or very near the surface. Within the Chico area, the geologic formations exposed are generally Pliocene age (about 2- to 5-million years old) and younger volcanic rocks and unconsolidated to semi-consolidated continental sediments. Much older marine sedimentary rocks are exposed within some of the deep canyons east of Chico.

A review of published geologic maps and publications covering the northern Sacramento Valley area (Helley and Harwood, 1985; Harwood and Helley, 1987; and Saucedo and Wagner, 1992; and DWR, 2001) indicates that beneath the Chico area, a thick sequence of Pliocene age (about 5- to 1.6-million years old) continental volcanic rocks and conglomerate known as the Tuscan formation is present. The Tuscan formation consists of up to about 1000 feet of pyroclastic rocks (volcanic ash-flows and mud-flows) with a few interbedded layers/lenses of conglomerate and sandstone (stream system deposits). Within the hills east of Chico the Tuscan formation rocks have been uplifted and folded into a broad west dipping monocline. Uplift has occurred as a result of reverse faulting at depth along the Chico Monocline fault, the northernmost extension of the Foothills fault system. Deep incision of the upwarped Tuscan formation by Quaternary streams has created the topography for which Butte County is named.

Overlying the Tuscan formation in many areas of eastern Chico and vicinity is the mid-Pleistocene age Red Bluff formation (about ½-million years old), which consists of a thin layer of coarse alluvial sediments that were deposited over a broad erosional surface atop the Tuscan formation. The Red Bluff formation consist predominantly of sand, gravel and cobble deposits that have been weathered to exhibit a strong red-orange color and presence of significant clay content. The formation is generally very dense and locally exhibits weak cementation. The Red Bluff formation is typically less than about 50 feet thick and has been eroded away in many areas.

Late Pleistocene river terrace deposits associated with the Sacramento River and its tributaries are common within the lowland areas and adjacent to rivers and streams. These terrace deposits are typically unconsolidated alluvium and range in age from about 40,000 to 12,000 years. The older terrace deposits (older than about 50,000 years) are known as the Riverbank formation, while the younger terrace deposits are known as the Modesto formation. Within the Chico area much of the valley floor exposes the Modesto formation at the ground surface. The formation typically consists of fine-grained sand, silt and clay floodplain deposits, but also contains coarser grained sand and gravel units. Due to its young age these sediments are typically slightly weathered, unconsolidated and uncemented.

Holocene age (less than about 11,000 years) alluvial fan, flood plain (basin), stream channel and natural levee sediments overlie the older sediments in many areas as well. Like the Modesto formation the Holocene age sediments are unconsolidated and uncemented, but also generally unweathered. The Holocene deposits, particularly flood plain and basin deposits, are commonly very thin (less than 10-feet thick) and relatively soft.

3.4 SITE GEOLOGY

Geologic units underlying the site and immediately adjacent areas have been mapped by Helley and Harwood (1985) as the Red Bluff formation with Holocene basin deposits. Much of the surrounding area is mapped as underlain by the Modesto formation. Borings drilled for our concurrent geotechnical investigation at the site encountered predominantly dark brown sandy clay basin deposits underlain at shallow depths by very dense and cemented granular materials (Tuscan formation).

The major soil units encountered in the undeveloped and developed portion of the site consist of sandy lean clay, sandy lean to fat clay, clayey sand with gravel, poorly graded gravel with sand and clay, and gravelly clay; these soils extended to depths of about 2-1/2 to 9 feet beneath existing grade. Cobble to 6 inches is present within the surficial soil units. Beneath these soils variably cemented Tuscan formation materials consisting of poorly graded gravel with sand and clay was encountered to the full depth of exploration at 15-1/2 feet beneath existing grade. Fill encountered in developed areas of the site included asphalt concrete, baserock, and reworked native soils. Additionally, visual observations indicate that about 1 to possibly 2 feet of fill is present in the existing landscaped area located south of the existing building and parking area.

3.5 SURFACE CONDITIONS

The elevation of the site is approximately 220 to 230 feet above mean sea level. The ground surface immediately adjacent to the existing store is covered with either concrete sidewalk, asphalt concrete pavement, or small landscape areas. The site occupies an area of approximately 27 acres and is bounded by Baney Lane and retail-commercial development to the north, State Route 99E to the west, forest Avenue to the east, and Wittmeier Drive and developed property (Wittmeier Auto Center) to the south. The northern 8-1/2 acres is developed with an approximately 125,889 square foot Wal-Mart store surrounded by paved parking and drive areas. The southern portion of the site encompasses approximately 10-1/2 acres and is historically undeveloped. A storm drain easement borders the southern portion of the site from Wittmeier Drive.

3.6 SUBSURFACE CONDITIONS

Five geotechnical soil borings were drilled by GEOPlus as part of the concurrent geotechnical investigation. GEOPlus did not observe odors or obvious visual evidence of contamination of the soil in the borings, which extended to a total depth of 15-1/2 feet beneath existing surface grade.

Groundwater was not encountered in the test borings for the concurrent geotechnical investigation. Slow seepage was noted in three of the borings left open for 18 hours.

It should be noted that groundwater and soil moisture conditions within the area will vary depending on rainfall, irrigation practices, and/or runoff conditions not apparent at the time of our field investigation.

3.6.1 Top Soil Analysis

As part of the concurrent geotechnical investigation (GEOPlus, 2007), laboratory tests to evaluate the potential to use the top soil for landscape soil purposes at the site were performed by Fruit Growers Laboratory (FGL) of Chico, California. Soil samples from five locations in the undeveloped area were obtained from a depth of 0 to 1/2 foot, and composited for testing. Tests for presence of herbicides were performed as requested. The following additional agronomic tests were also performed: percentage of organic matter; percentages of sand, silt and clay content; percentage of deleterious material; pH; mineral content; and micro and macro nutrient content. Results of the herbicide tests are presented in Table 2 below. The full laboratory reports and chain of custody record are presented in Appendix G.

Table 2. SUMMARY OF TOP SOIL ANALYSES

Parameter	Result	Units
2,4,5-T	< 100	ug/kg
2,4-D	< 100	ug/kg
2,4,5-TP Silvex	< 100	ug/kg
2,4-DB	< 400	ug/kg
Dalapon	< 200	ug/kg
Dicamba	< 50	ug/kg
Dichlorprop	< 400	ug/kg
Dinoseb	< 100	ug/kg

Notes:

- <: compound was not detected at or above the reportable detection level. See Appendix G for laboratory report and chain of custody record.
- ug/kg: Micrograms per kilogram (parts per billion, ppb).

3.7 INFORMATION REPORTED BY USER

PACLAND provided GEOPlus with the following information:

- User Questionnaire dated December 5, 2007 signed by the Wal-Mart Design Manager (electronic PDF file).
- 50-year Chain of Title Report (electronic PDF file).
- Previous Phase I ESA report by Kleinfelder.
- Schematic Site Plan, revised November 2, 2007 (electronic PDF file).
- Biological Resources Section of Draft EIR prepared by Pacific Municipal Consultants (electronic PDF file).
- Final EIR website.

3.8 SPECIALIZED KNOWLEDGE OR EXPERIENCE

The signatories of the current report performed a Phase I ESA and subsurface geotechnical explorations at this site in 2002 when employed by Kleinfelder, Inc. In addition, GEOPlus is conducting a concurrent geotechnical investigation of the site. With these exceptions, GEOPlus had no previous knowledge of this site prior to performing this Phase I ESA.

4 HISTORICAL USE INFORMATION

The following information regarding past and current uses of the site and adjoining properties was obtained from various public and private sources. Information available through these sources is usually incomplete but may provide a general outline of the site's historical uses.

4.1 SANBORN FIRE INSURANCE MAPS

Sanborn Maps were drawn by the Sanborn Fire Insurance Company to assist in underwriting properties from the late 1800s to the mid 1900s. For certain time intervals the maps show much detail of buildings, improvements, and land uses. The site has not been mapped by Sanborn and therefore Sanborn Maps were not reviewed during this assessment. Documentation that the property is unmapped by Sanborn is presented in Appendix B-1.

4.2 HISTORICAL TOPOGRAPHIC MAPS AND AERIAL PHOTOGRAPHY REVIEW

A review of historical topographic maps and aerial photography may indicate past activities at a property not documented by other means, or observed during a property visit. The effectiveness of this technique depends on the scale and quality of the maps and photographs and the available coverage. Available aerial photographs providing coverage of the site were obtained from sources including EDR and Google Earth. Copies of the historical topographic maps and aerial photographs are presented in Appendix C-1 and C-2, respectively.

GEOPlus reviewed historical topographic maps for the years 1895, 1912, 1949, 1950, 1969, and 1978.

The information observed in the aerial photographs corroborate the findings of the topographic maps review. Aerial Photographs were reviewed for the years 1952, 1962, 1970, 1984, 1998, and 2006.

4.2.1 On-Site Area

The results of our aerial photography and topographic map review for the site are presented below:

1895 - 1984 Site is undeveloped range land.

- 1990 A drainage channel crosses the south edge of the currently (2008) developed portion of the parcel from east to west. Forest Avenue is constructed. (According to PACLAND, this channel was lined with two 42-inch diameter culverts in 1994 as part of the Wal-Mart store construction).
- 1998 Wal-Mart Store (constructed 1993) appears with parking lot area.
- 2006 The site appears as present (2008).

4.2.2 Adjacent Properties

A comprehensive description of the past and present adjacent property use based on our aerial photography and topographic map review for the site are presented below:

- 1895-1962 Adjacent properties are undeveloped range land.
- 1969 State Route 99E appears west of site. Some residential development appears approximately 1 mile east of site.
- 1984 The Target retail store is constructed approximately 1000-feet north of the site.
- 1998 Chico Shell Station and Oxford Suites hotel appear to the north. Wittmeier Auto Center appears to south. Development of offices on east side of Forest Avenue begins.
- 2006 Development appears as it does at present (2008).

The present adjacent property uses include restaurants and SR 99E to the west, Oxford Suites hotel and Chico Shell gas station to the north, Forest Avenue and office buildings to the east, and Wittmeier Auto Center to the south.

The results of our review of the available aerial photographs are presented in Table 3.

Table 3. AERIAL PHOTOGRAPH REVIEW SUMMARY

Feature	'52	'62'	'70	'84	'90	'98	'06	Comments
Crop Patterns	N	N	N	N	N	N	N	Non-agricultural site. Rangeland only.
Roads	N	N	N	Y	Y	Y	Y	SR99E and Forest Avenue appear in 1984 photo. Access roads to Wal-Mart store appear in 1998.
Buildings	N	Y	Y	Y	Y	Y	Y	None on or adjacent to site prior to 1998. Wal-Mart is present in 1998 photography.
Paved Parking/ Drive Areas	N	N	N	N	N	Y	Y	Wal-Mart Parking lot.
Drainage	Y	Y	Y	Y	Y	Y	N	Irrigation ditch or dirt road appears along west property line in 1952 through 1984 photos. East-west ditch appears along the location of the present southern edge of the Wal-Mart parking area in 1990 photo.
Circular Objects (aboveground tanks or water tanks)	N	N	N	N	N	N	N	None discernable.
Ground Scars	N	N	N	N	N	N	N	None discernable
Lagoon, Impoundment	N	N	N	N	N	N	N	None discernable
Standing Liquid	N	N	N	N	N	N	N	None discernable
Stacked Materials/Objects	N	N	N	N	N	N	N	None discernable
Scattered Materials/Objects	N	N	N	N	N	N	N	None discernable
Piles	N	N	N	N	N	N	N	None discernable.

GEOPlus did not observe evidence of recognized environmental conditions in the historical aerial photographs or topographic maps.

4.3 CITY DIRECTORIES

Polk City Directory, Haines Criss-Cross Directory, and Hill-Donnelly Cross-Reference Directory provide information regarding property occupants and business names by street address. In an attempt to identify the use history of the site, EDR researched available directories for the years 1971 through 2006 for the 2000 block of Forest Avenue. EDR's findings are summarized in Table 4 below. The streets were not listed in the directories published before 1971.

Table 4. SUMMARY OF CITY DIRECTORIES

Years	2044 Forest Ave.
1971 - 1991	Address Not Listed
1996	Wal-Mart (Haines Criss-Cross Directory)
2001	Wal-Mart
2006	Wal-Mart

1991 was the earliest date listed for adjoining properties on Forest Avenue. These adjoining properties in 1991 were office buildings at 2051, 2053, and 2055 Forest Avenue. The Chico Shell gas station at 2036 Forest Avenue is first listed in 2001. EDR's City Directory Abstract is presented in Appendix B-3.

4.4 ENVIRONMENTAL CLEANUP LIENS AND CURRENT USE AND OWNERSHIP OF THE PROPERTY

GEOPlus verified current ownership through review of documents provided by PACLAND including a User Questionnaire and 50-year Chain of Title Report. Copies of the User Questionnaire and chain of title report are presented in Appendix D and E, respectively. A summary of the reported transactions dating from 1940 presented in the 50-year Chain of Title is presented below.

APNs 002-370-055 & -057:

The ownership histories of the two northern parcels are summarized below:

Year	Acquiring Parties
1940	Lester K. Thomasson, Effie M. Bruce, B. Vern Thomasson, Zelma L. Stevens, and Nathan H. Thomasson
1958	Edna E. Barris, Carolyn C. Jessee and Evelyn B. Post
1958	Nathan H. and Harold V. Thomasson
1963	State of California
1976	Diane and Daniel Gliedt, and Tobert and Darlene Thomasson
1979	Harry A. Kassebaum and Delores Kassebaum
1981	STC Pacific, a co-partnership of Sierra Technology Corporation and William G. Beehler Enterprises Incorporated
1983	Exchange Intermediary, Inc., a California Corporation as to an undivided 80.1% interest.
1983	R.C. Duncan, and Kenneth E. Duncan
1984	R.C. Duncan and Kathleen C. Duncan, and Kenneth E. Duncan and Marjorie L. Duncan
1989	Chico Property Associates, a general partnership
1993	Sacramento Savings Bank, a California Corporation
1993	Wal-Mart Stores, Inc., a Delaware corporation
1995	William J. Wade (building and improvements)
2002	Wal-Mart Real Estate Business Trust, a Delaware business trust (land only)

APN 002-170-004:

The ownership history of the southern parcel is summarized below:

Year	Acquiring Parties
Pre 1933	Evelyn M. Pratt, Guardian of the Estate of Leland C. Hess, a minor
1933	George McLain
1944	Louis H. McLain and Jennie E. McLain
1952	Grover W. Pearce and Sherrel N. Pearce
1970	North Valley Investment Associates, a General Partnership
1977	Grover W. Pearce and Florence E. Pearce, and Sherrel N. Pearce and Joahanne W. Pearce
1981	Skyway Ranch Properties, a General Partnership
1983	W.M. West
1983	Grover W. Pearce
1983	S. Nile Pearce
1986	Ed Wittmeier and Mary Wittmeier
1990	E.M. West 35%; Grover W. Pearce 32.25%; S. Nile Pearce 32.25%
1993	S. Nile Pearce, Trustee of the Pearce Revocable Inter Vivos Trust
1994	Foothill Income Properties Limited Partnership
1999	Grover W. Pearce
1999	Grover W. Pearce 50%; S. Nile Pearce, Trustee of the Pearce Revocable Inter Vivos Trust 50%
2000	Wal-Mart Stores, Inc.

The 50-Year Chain of Title and User Questionnaire indicated that there are no environmental cleanup liens recorded for the property. All three parcels of land are currently owned by Wal-Mart Real Estate Business Trust. The Wal-Mart store building and improvements are owned by William J. Wade. The site is an operating Wal-Mart Store.

4.5 INTERVIEWS

Interviews with the site owners and local government agency officials are summarized below.

4.5.1 Site Operators

On December 11, 2007 William R. Bergmann of GEOPlus interviewed Store Manager, Ms. Kim Turner and Tire & Lube Express (TLE) Support Manager, Mr. Scott Niepoth. Ms. Turner accompanied GEOPlus on the site reconnaissance of the store and receiving area. Mr. Niepoth and his staff assisted with our observations of the TLE shop.

The store opened April 1, 1993. Ms. Turner was the assistant manager at that time. She has been store manager since 2002. All new fluorescent lighting fixtures, including ballasts were

installed throughout the entire store early in 2007. Additional information obtained from the operators is described in Section 6 Site Reconnaissance and in the User Questionnaire presented in Appendix D.

4.5.2 Local Agency Officials

Butte County Environmental Health Division:

William R. Bergmann of GEOPlus telephoned Mr. John O'Neill at the Butte County Environmental Health Division (BCEHD) on January 22, 2008. Mr. O'Neill indicated that Wal-Mart has filed a Business Plan with BCEHD. A description of the plan reviewed at the Wal-Mart facility is described in Section 7.9.4 of this report. Mr. O'Neill indicated that there were no violations or hazardous materials incidents on file.

Chico Fire Department:

William R. Bergmann of GEOPlus telephoned Mr. Mort Myers, City of Chico Fire Marshall, on January 3, 2008. Mr. Myers indicated that the site is inspected annually, and that the fire department had no records for the site of fires or hazardous materials incidents.

City of Chico Planning and Building Division:

GEOPlus researched the Planning and Building Division website ([http://www.chico.ca.us/_mod_resource/content/GIS/Static_Maps_\(PDFs\)/Zoning.pdf](http://www.chico.ca.us/_mod_resource/content/GIS/Static_Maps_(PDFs)/Zoning.pdf)) for the zoning designation of the site. Zoning for the site is CC Community Commercial. A copy of the zoning map is presented in Appendix A-3.

California Water Services Co. – Chico District:

GEOPlus visited the California Water Services Co. – Chico District website (<http://www.calwater.com/WaterQualityReports.html>) to obtain the most recent test results of drinking water for lead. Details of this information are described in Section 7.9.3 of this report.

Chico Wastewater Utility:

On January 3, 2008 William R. Bergmann of GEOPlus telephoned Mr. Marc Sulik, City of Chico Water Pollution Control Plant Manager. Details of this conversation are described in Sections 6.3 and 7.10.8 of this report.

Chico Electric Utility:

On January 3, 2007 William R. Bergmann of GEOPlus telephoned Mr. David Barrios, Commercial Representative with the Engineering & Service Planning Department of Pacific Gas & Electric (PG&E). Mr. Barrios verified that PG&E owns and maintains the electrical transformers on the site, and that the overhead power lines are used both for transmission (115 kV) and distribution (12 kV).

5 RECORDS REVIEW

5.1 STANDARD ENVIRONMENTAL RECORD SOURCE

The purpose of the records review is to obtain and review records that would help evaluate recognized environmental conditions in connection with the site and bordering properties. GEOPlus reviewed databases from federal, state, and local regulatory lists. Data base information was compiled by Environmental Data Resources, Inc. (EDR) of Milford, Connecticut; Inquiry Number 2097385.2s, dated December 11, 2007. The full EDR report is included in Appendix B-2 while a summary of the EDR report findings is summarized below in Table 4. The acronyms used in Table 5 are defined in EDR's Site Assessment Report (Appendix B-2) in Executive Summary (pages 1 and 2).

EDR utilizes a geographical information system to plot the locations of reported incidents. This information is reviewed by GEOPlus to help establish if the site or nearby properties have been included on the noted database and lists. The EDR report includes a summary of pertinent information for these properties including the responsible party, the property address, the distance and direction from the site, and the databases and lists on which the property appears (see Executive Summary). The EDR report also includes maps, which show the locations of the regulated properties with respect to the site, immediately following the Executive Summary.

Due to lack of sufficient address information, EDR was unable to map several facilities with reported releases (see Orphan Summary, page 37 of EDR's report). Upon review of these facilities, GEOPlus was able to establish that none of these facilities are located within the specified search radii.

TABLE 5. RECORDS REVIEW-SEARCH DISTANCE FINDINGS

<u>FEDERAL</u>		Total Number of Facilities Listed	Number of Up-gradient or Adjacent Facilities Listed	Site Listed
NPL (National Priority List)	Site & 1 Mile	0	0	NO
CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Act Information System)	Site & 0.5 Mile	0	0	NO
CERCLIS NFRAP (No Further Remedial Action Planned)	Site & Bordering	0	0	NO
RCRA (Resource Conservation and Recovery Act) CORRACTS (Corrective Action Site)	Site & 1 Mile	0	0	NO
RCRA non-CORRACTS TSD (Transfer Storage Disposal)	Site & 0.5 Mile	0	0	NO
RCRA GENERATORS	Site & Bordering	7	0	NO
ERNS (Emergency Response Notification System)	Site	0	0	NO
<u>STATE</u>				
ENVIROSTOR	Site & 1 Mile	2	0	NO
BEP (Bond Expenditure Plan)	Site & 0.5 Mile	0	0	NO
Cal-Sites	Site & 0.5 Mile	1	0	NO
CORTESE	Site & 0.5 Mile	3	0	NO
CHMIRS (California Hazardous Material Incident Report System)	Site & Bordering	0	0	NO
SLIC	Site & 0.5 Mile	0	0	NO
Notify 65	Site & 1 Mile	0	0	NO
Toxic Pits	Site & 1 Mile	0	0	NO
SWIS (Solid Waste Information System)	Site & 0.5 Mile	0	0	NO
LUST (Leaking Underground Storage Tank)	Site & 0.5 Mile	5	0	YES
UST (Underground Storage Tank), AST (Aboveground Storage Tank) & FID (Facility Inventory Database)	Site & Bordering	1	0	NO

Site

The project site appears on the Leaking Underground Storage Tank (LUST) list, referring to a single 1,000-gallon waste-oil underground storage tank (UST) removed from the Tire and Lube Center in 1999. Very low concentrations of oil and grease and total petroleum hydrocarbons as diesel (TPH-D) were detected in samples of soil and groundwater near the former UST. Contaminants were not detected in the tank closure excavation sample. Based on soil and groundwater testing demonstrating that the contamination was minor and localized, the RWQCB closed the case in 2001 (see closure letter dated March 6, 2001, Appendix A-5). The former UST does not constitute a recognized environmental condition.

Surrounding Area

There were no surrounding facilities located within the ASTM search parameters included on federal agency databases as having documented releases of hazardous substances, storing or using hazardous materials during day-to-day operations, and maintaining environmental permits and/or registration for business purposes.

There were seven offsite facilities identified within the ASTM search parameters on the federal databases. One additional facility listed by EDR is a CERCLIS-NFRAP facility – Comstock Road-Chico Chemicals at 7 Comstock Road. However, this facility is not within the “site or bordering” ASTM search distance, and is therefore not included in Table 5 above. This facility is an archived status site for which the US EPA has determined no further action will be required. The case involved removal of 500 chemical containers from a residence in which no assessment work was needed. Due to its case status and distance from the site, this facility does not constitute a recognized environmental condition.

Seven facilities are RCRA small-quantity waste generators:

- Expressly Portraits, Inc., 233 Chico Mall
- Econo Lube N Tune No 219, 1957 E. 20th Street
- Kits Camera 1 Hour No. 101, 1950 E. 20th Street
- Gruber Enterprises, 2170 Huntington Drive
- Wittmeier Auto Center, 2288 Forest Avenue
- Costco No 136, 2100 Whitman Avenue
- Arco Facility No 05639, 2000 Business Lane

These seven facilities are upgradient of the site and the EDR report does not indicate that they are out of compliance with federal regulations. On this basis, RCRA waste generators do not present a recognized environmental condition.

There were eight offsite facilities identified within the ASTM search parameters on the state of California databases, including one Cal-Site, one UST facility, and four LUST facilities. Three of the LUST facilities also appear on the Cortese list.

The Cal-Site is the Victor Industries facility located at 365 E. 20th Street, a former metal tube and can manufacturing facility (1958 to 1985) where trichloroethylene (TCE) was used to clean their product-line machinery. The resulting solvent waste was allegedly dumped on the ground outside their manufacturing facility. The facility has been stabilized under state oversight by excavating the top six inches of contaminated soil. The facility has been identified as a source of groundwater contamination in the Southwest Chico plume involving several municipal wells. The former Victor Industries facility is located ¾-mile downgradient from the subject Wal-Mart site and the groundwater plume is being cleaned up under state Department of Health Services oversight. This facility does not constitute a recognized environmental condition.

The only UST facility adjacent to the site, Golden Gate Petroleum (Shell Station), is located at 2036 Forest Avenue north of the site (see Plate 2). The EDR report does not list any enforcement actions for this facility.

There are four off-site LUST sites identified, all of whose regulatory case files are closed:

- Fred Meyer, 2350 Forest Avenue;
- Arco Facility #5639, 2000 Business Lane (this facility also appears on the Cortese list);
- Gas Mart, 480 Park Avenue East (this facility also appears on the Cortese list); and,
- Wonder Bread Thrift Store, 385 Park Avenue East (this facility also appears on the Cortese list).

On the basis of their closed regulatory status and non-upgradient position relative to the subject site, none of these sites constitute a recognized environmental condition.

5.2 ADDITIONAL AGENCY ENVIRONMENTAL RECORDS

Local regulatory agencies were contacted for reasonably ascertainable and practically reviewable documentation regarding recognized environmental conditions present at the site and adjacent facilities. Interviews with local regulatory representatives from these agencies are included in Section 4.5.2 of this report. The following agencies were contacted for documentation:

- Butte County Environmental Health Division
- City of Chico Building and Planning Department
- California Water Service Co. – Chico Division

- Chico Wastewater Utility

5.3 RADON GAS EVALUATION

Radon is a colorless, tasteless radioactive gas that is linked to increased risks of lung cancer. EPA has recommended a maximum residential indoor concentration of 4.0 picocuries/liter (pCi/L) for protection of human health.

Review of the USGS National Radon Database developed by the United States Environmental Protection Agency (EPA) covering the years 1986 through 1992 indicates that postal zip code 95928 (Butte County) is located within EPA Radon Zone 3. Properties within Zone 3 have average concentrations of radon in indoor air less than 2 picocuries per liter (pCi/L). The EPA action level is 4 picocuries per liter of indoor air. Therefore, it is unlikely that structures built on the site would experience average concentrations of radon in indoor air greater than the EPA action level of 4 pCi/L. See page A-21 of the appended EDR Report No.TC2097385.2s (see Appendix B-2).

6 INFORMATION FROM SITE RECONNAISSANCE

A property visit was conducted on December 11, 2007 by William R. Bergmann of GEOPlus. The weather was cool and clear and no access limitations were placed upon Mr. Bergmann during the visit. Mr. Bergmann was accompanied by the store manager, Ms. Kim Turner during the interior portion of the reconnaissance, as well as Mr. Scott Niepoth, TLE support manager, during the TLE visit. The purpose of the reconnaissance visit was to look for obvious visual indications of historical or current operations that may have resulted in possible soil and/or groundwater contamination. The site visit included a visual evaluation of the grounds for indications of hazardous-waste storage, use, and disposal areas, storm drainage, and underground and aboveground storage tank locations. The site visit also included a general visual assessment of the potential presence of building materials suspected to contain asbestos, and a visual assessment of electrical equipment with the potential to contain PCBs. Refer to Plate 2, Site Map, for locations of on-site features and surrounding properties referenced in this section.

6.1 DESCRIPTIONS OF STRUCTURES, ROADS AND OTHER ON-SITE IMPROVEMENTS

The site is an existing Wal-Mart store. The environmental aspects of the store are described elsewhere in the report.

6.2 UNIDENTIFIED OR UNLABELED SUBSTANCE CONTAINERS

GEOPlus personnel did not observe the presence of unidentified or unlabeled substance containers at the site or adjacent properties. GEOPlus did not observe the presence of soil staining, noxious odors, or dead/dying vegetation.

6.3 STORAGE TANKS

Underground Tanks

Underground storage tanks are not currently present at the site. However, it appears that the TLE shop formerly used an underground tank to hold waste oil. According to the RWQCB's Geotracker website, an underground 1,000-gallon waste-oil tank and associated plumbing were removed from the TLE shop in 1999. Trace concentrations of oil & grease (198 mg/kg oil & grease) were detected in one soil sample from 3 monitoring wells installed after the tank removal. The soil samples were non-detect for all other analyses. The groundwater samples detected minor concentrations of TPH-D and oil and grease (0.56 mg/L TPH-D, and 18.9 mg/L oil & grease). The RWQCB closed the case file for this UST in 2001. A copy of the RWQCB's

case closure letter dated March 6, 2001 is presented in Appendix A-5. On January 22, 2008 GEOPlus telephoned Mr. Randy Judge of the RWQCB tanks unit, who confirmed that the tank had been removed and that the case was closed.

Above Ground Tanks

Drummed quantities of lubrication oil, antifreeze, and wiper fluid solution are stored in the TLE shop portion of the Wal-Mart facility. Waste oil and lube oil are stored in three above ground tanks in the storage tank room adjacent to the TLE shop. Used automobile batteries, used tires are stored on pallets in a locked cage on the east exterior wall of the storage tank room. Used oil filters are stored in locked bins east of the used tire/battery cage. Waste chemicals are regularly disposed from the site by Asbury Environmental, a licensed waste handling and recycling contractor. A floor drain was observed in the storage room used to store the drummed chemicals. According to the Wal-Mart store manager, this drain is routed through an oil/water interceptor to the sanitary sewer system.

Underground Oil/Water Interceptor

On December 11, 2007 GEOPlus observed the condition of the underground oil/water interceptor tank west of the lube pit at the TLE shop (see Plate 3A photographs 2 and 3). Wal-Mart personnel lifted the hinged cover allowing observation of the interior of the tank. The concrete vault measured approximately 2-feet wide, 5-feet long, and 2-feet deep. The vault contained approximately 8 inches of water covered with an approximately 1-inch thick oil film. According to Mr. Niepoth, TLE shop support manager, the interceptor receives fluids from the floor drains in the lube pit, roll-up door drop inlet, and storage room. The interceptor is pumped out by a licensed contractor on a regular basis. GEOPlus reviewed the waste manifest record of the most recent removal, which indicated that January Environmental Services, Inc. removed 100 gallons of “non hazmat water and oil” on November 11, 2007 (see waste manifest, Appendix A-6).

Cooking Grease Holding Tank

On December 11, 2007 GEOPlus observed a holding tank used to store used cooking grease from the in-store McDonald’s restaurant (see Plate 3B, photograph 9). This tank has no piping connections. It is filled from a portable tank mounted on a cart wheeled from the restaurant (see Plate 3B, photograph 8). A rendering contractor hauls off the grease every 2 weeks.

Other Containers

With exception of the TLE shop and some relatively small, factory-prepared containers, suitable for the retail sale of antifreeze, Coleman Fuel, motor oil, solvent-based paint, and propane at the Wal-Mart store, GEOPlus did not observe the presence of chemical storage containers at the site. We did not observe the presence of soil staining, noxious odors, or dead/dying vegetation. Based upon the non-regulated container sizes, chemical storage does not appear to represent a recognized environmental condition at the site.

6.4 INDICATIONS OF PCBS

Some older electrical equipment, such as transformers and capacitors, occasionally contain cooling oil with polychlorinated biphenyls (PCBs). We did not observe the presence of electrical equipment suspected to contain PCBs at the site. On-site pad-mounted transformers were noted at two locations adjacent to Forest Avenue and two locations adjacent to the west side of the existing store. Additional transformers are located in an electrical room inside the western portion of the store building. The pad-mounted transformers are owned and maintained by Chico Electrical Utility. These transformers appeared to be of relatively young age and in good condition with no evidence of spills or leakage.

6.5 INDICATIONS OF SOLID WASTE DISPOSAL

GEOPlus did not observe evidence of on-site solid waste disposal observed during our site reconnaissance.

6.6 SOIL/DEBRIS PILES

GEOPlus observed two piles of earth and construction debris in the southern portion of the site (see Plate 3C photograph 14). It is likely that the material is related to the construction of the Wal-Mart store improvements. GEOPlus did not observe obvious visible signs of oil or hazardous material in the piles.

6.7 POTENTIAL PRESENCE OF ASBESTOS CONTAINING BUILDING MATERIALS

An Asbestos Building Material and Lead-Based Paint Survey of the portion of the existing Wal-Mart store to be expanded was performed by Kleinfelder in 2003. Asbestos was not reported in any of the 16 building material samples. Lead-based paint was not reported in any of the 35 locations tested. A copy of the complete Asbestos Building Material and Lead-Based Paint Survey Report is presented in Appendix F.

6.8 PREVIOUS ENVIRONMENTAL REPORT DATA REVIEW

GEOPlus reviewed a Phase I Environmental Site Assessment (ESA) of the site prepared by Kleinfelder, Inc. dated January 29, 2003. No recognized environmental conditions were revealed by Kleinfelder's report. The findings of these reports are referenced in Section 7 of the current report.

7 FINDINGS AND CONCLUSIONS

GEOPlus' assessment revealed no evidence of recognized environmental conditions in connection with the property. The following conclusions are based on GEOPlus' knowledge of the subject property from our site observations and information gathered during our reviews. These conclusions are subject to the limitations presented in Sections 2.2 and 2.3, and may change if additional information becomes available.

7.1 SITE HISTORY

Historical data and personal interviews indicate the existing Wal-Mart property was historically undeveloped range land prior to the store's construction. The site was purchased for commercial use circa 1990 by Wal-Mart. The store opened in 1993.

7.2 FEDERAL AND STATE AGENCY RECORDS

There were no facilities located within the ASTM search parameters included on federal agency databases as having document releases of hazardous substances, storing or using hazardous materials during day-to-day operations, and maintaining environmental permits and/or registration for business purposes.

The site appears on the Aboveground Storage Tank (AST) list. There are no violations on record for these ASTs. The ASTs do not constitute a recognized environmental condition.

There were two offsite facilities identified within the ASTM search parameters on the state databases. These facilities are discussed in Section 5.1 of the current report. Neither of these facilities constitutes a recognized environmental condition.

7.3 ON-SITE CHEMICAL STORAGE

Drummed quantities of lubrication oil, antifreeze, and wiper fluid solution are stored in the TLE shop portion of the Wal-Mart facility. Used automobile batteries and used tires are stored on pallets in a locked cage on the east exterior wall of the storage tank room. Used oil filters are stored in locked bins east of the used tire/battery cage. Waste chemicals are regularly disposed from the site by a licensed waste handling and recycling contractor.

Relatively small, factory-prepared containers, suitable for the retail sale of antifreeze, Coleman Fuel, motor oil, solvent-based paint, and propane are retailed at the Wal-Mart store. We did not observe the presence of soil staining, noxious odors, or dead/dying vegetation. Based upon the

non-regulated container sizes, chemical storage does not appear to represent a recognized environmental condition at the site.

7.4 CURRENT SITE CONDITIONS

The project site is located at the southwest corner of Forest Avenue and Baney Lane in Chico, California (Figure 1). The site is accessed directly from Baney Lane on the north and Forest Avenue on the east. Asphalt concrete driveway and parking lot covers most of the 5-acre area surrounding the store site.

Vegetation on the site varies from short grasses to tall grasses, shrubs, and small trees. Rainfall and runoff from the south portion of the site flows westerly to a swale and stormwater system at the western property boundary.

7.5 ON SITE WELL WATER QUALITY

Local government agency records indicate the former presence of domestic wells on site. A discussion of possible former wells at the site is presented in Section 7.1. However no water wells were observed on site at the time of our site reconnaissance. Therefore, on site well water quality does not constitute a business environmental risk.

7.6 PCBS

We did not observe the presence of electrical equipment suspected to contain PCBs at the site. On-site pad-mounted transformers were noted at two locations adjacent to Forest Avenue and two locations adjacent to the west side of the existing store. An additional on-site pole mounted transformer is located south of the existing store. These on-site transformers are owned and operated by Pacific Gas & Electric (PG&E) according to PGE Engineering & Service Planning Department's Commercial Representative David Barrios (telephone log 12/11/07). These on-site transformers appeared to be of relatively young age and in good condition with no evidence of spills or leakage. Therefore, PCBs do not appear to be a recognized environmental condition at the site.

7.7 ABANDONED PROPERTIES

The subject property is not an "abandoned property" as defined in ASTM 1527-05.

7.8 TSUNAMI, SEICHE OR FLOODING

The risk of tsunami, seiche, or flooding inundation is extremely low based on the inland hilltop location of the site. The site is mapped by FEMA as Zone X indicating that it is located outside

of the 100- and 500-year flood event inundation zones (FIRM Panel #06007C0510 D) (see Appendix A-4).

7.9 OTHER BUSINESS ENVIRONMENTAL RISK CONSIDERATIONS

Pursuant to ASTM 1527-05 and Wal-Mart's EDDP dated October 22, 2007, PACLAND requires its consultants to "identify and include a discussion and an evaluation of additional relevant items and factors that could pose a "Business Environmental Risk." We have reviewed available reports furnished by the client (as listed in Section 3.7 of this report) and performed a qualitative *visual* determination of whether the issues are *likely to be present* based on the age, historical use, and current conditions of the property as witnessed during the site visit. In presenting the findings below, GEOPlus does not represent that the presence or lack thereof of any contaminant has been conclusively identified. Based on its visual and records review assessment of the subject property, GEOPlus offers the following qualitative findings.

7.9.1 Radon

Based upon available radon data discussed in Section 5.3 of this report, radon gas does not appear to represent a risk to human health in Butte County, California and should not represent a business environmental risk for the site. However, because only limited tests were conducted, this information may not be representative of specific on-site conditions at the subject property.

7.9.2 Indoor Air Quality

To our knowledge, an indoor air survey of the building has not been performed. However, the petroleum products used and stored at the on-site TLE shop are non-volatile, and air exchange for the entire Wal-Mart facility is provided by the heating and air conditioning system. In addition, GEOPlus did not smell obvious noxious odors during our reconnaissance. Based on our olfactory observations and the lack of volatile products within the building, indoor air quality should not present a business environmental risk for the site. See Section 7.10 of this report for discussions of additional building-specific business environmental risks.

7.9.3 Lead in Drinking Water

California Water Service Co. (CWS) supplies the drinking water for the site and other properties in Chico. In accordance with the municipal water supply permit issued by the State of California Department of Health Services, the CWS routinely tests the water it supplies to the area for lead and other potential contaminants. CWS complies with the legal requirements to test for lead and

copper in the water it purveys. GEOPlus consulted CWS's website for the Water Quality Reports which summarize the water testing data. A Water Quality Report for the most recent year when lead was tested (2004) is presented in Appendix H. None of the 35 samples tested for lead in 2004 contained lead. Lead in drinking water does not appear to represent a business environmental risk for the site.

7.9.4 Environmental Regulatory Compliance

The existing Wal-Mart store maintains a business plan on file at the Butte County Environmental Division of Environmental Health. GEOPlus reviewed the TLE Environmental Compliance Manual (3-ring binder) maintained at the site which contained the following documents:

- MSDS sheets;
- Environmental Compliance Manual
- Training Manual
- Hazardous Waste Tank Inspection Logs starting 2006
- Procedure Checklist
- Used Oil and Batteries Shipping Log

Our review of records for the site on file at the City of Chico Building Department revealed a business plan transmitted by Wal-Mart on February 8, 1993 to Butte County Environmental Health Division. The business plan included an inventory of materials stored on site at the TLE including:

1. Used automotive batteries – 100 maximum on-site, stored in an outdoor cage.
2. Waste automotive engine oil – 800-gallon capacity.
3. Waste antifreeze – ethylene glycol/water mixture. Stored in 55-gallon capacity drum. (This item has been removed from the inventory in recent years. Mr. Niepoth clarified that the facility no longer handles or stores waste antifreeze.)

GEOPlus' ESA did not reveal environmental regulatory compliance violations at the subject site. Environmental regulatory compliance does not appear to represent a business environmental risk for the site.

7.9.5 High-Voltage Power Lines

High-voltage (115 kV) power lines cross the site in an east-west direction along the southern edge of the existing paved portion of the site (See Plate 2 and Plate 3D, photograph 18). The

southwest corner of the proposed building expansion encroaches into the power lines. Due to the required relocation of the lines, high-voltage power lines could represent a business environmental risk for the site.

7.9.6 Archaeological, Cultural, and Historic Resources

Our review of the Draft EIR prepared by Pacific Municipal Consultants (PMC) dated December 2006 revealed the following information regarding archaeological, cultural, and historic resources at the subject site. PMC's archaeological investigations for the proposed project included: conducting a records search, contacting the Native American Heritage Commission (NAHC) and Native American representatives, and a pedestrian survey of the project site. PMC states that:

“The sacred lands search did not identify any Native American cultural resources in the project area.”

Additionally,

“Archaeological investigations did not identify any cultural resources (e.e., prehistoric sites, historic sites, or isolated artifacts) within the boundaries.”

Therefore, it does not appear that an additional cultural resources study is warranted, nor should cultural resources represent a business environmental risk at this site.

7.9.7 Wetlands and Surface Waters

PACLAND furnished GEOPlus with a wetlands delineation study prepared by Hanover, Inc. (2002). The Hanover study is incorporated in Section 4.4 of the Draft EIR prepared by PMC (2006), which states:

“Hanover determined that 0.269 acres of potentially jurisdictional seasonal wetlands could be impacted from the proposed project (Hanover 2002). Additionally, they believe it likely that some of the wetlands are the product of overspray from the adjacent Wal-Mart landscape irrigation. Hanover's findings were submitted to the Sacramento office of the US Army Corps of Engineers (USACE) for verification.”

The USACE has not responded at the time of this report. Therefore, wetlands may constitute a business environmental risk. A copy of Draft EIR Section 4.4 is presented in Appendix A-7.

On the basis of our review of the Hanover study, it does not appear that an additional wetlands study is warranted, nor should wetlands represent a business environmental risk at this site.

7.9.8 Endangered Species

A Biological Resources Study has been performed by Hanover, Inc. (2003). Our review of the Draft EIR prepared by Pacific Municipal Consultants (PMC, December 2006) states the following regarding endangered species.

“The project location is isolated and highly disturbed. No special-status plants were observed during field reconnaissance or any evidence of current or recent past presence of any special status plants was indicated, and the botanical survey concluded that no special status plants are present on the site. Therefore, alteration of the project site is considered a less than significant impact to special status plant species.”

The Biological study prepared by Hanover, Inc. (2003) indicates that although no special status species or nesting raptors were identified during their surveys, the site grasslands provide suitable foraging habitat for several raptor species including Swainson’s hawks and other possible raptors. The Draft EIR includes mitigations for raptor foraging habitat.

On the basis of the Draft EIR, it does not appear that additional endangered species study is warranted, nor should endangered species represent a business environmental risk at this site.

7.9.9 Wildlife Sanctuaries

A biological study has been performed as part of the Draft EIR for the site expansion (see section 7.9.9 above). The existing biological study did not indicate that there were any wildlife sanctuaries within a one-mile radius of the site. On the basis of the Draft EIR, wildlife sanctuaries should not represent a business environmental risk at the site

7.9.10 Biological Agents

Biological agents are defined in the U.S. Department of Labor Occupational Safety and Health Administration (OSHA) website as follows:

“Biological agents include bacteria, viruses, fungi, other microorganisms and their associated toxins. They have the ability to adversely affect human health in a variety of

ways, ranging from relatively mild, allergic reactions to serious medical conditions, even death,” (<http://www.osha.gov/SLTC/biologicalagents/index.html>).

Some of the specific biological agents recognized by OSHA are: anthrax; avian influenza; human immunodeficiency virus (HIV); hepatitis B and C virus; botulism; hantavirus; legionnaires disease; molds and fungi; plague; smallpox; and tularemia.

GEOPlus’s ESA did not encounter historical records or visual evidence of site uses that would suggest the potential presence of biological agents on or near the site. As such, it is our opinion that biological agents do not represent a business environmental risk for the site.

7.9.11 Mold

GEOPlus did not observe obvious signs of mold in the building during our site reconnaissance. Accumulations of moisture that could cause mold were not observed. Therefore, mold does not appear to represent a business environmental risk for the site. See Section 7.10 of this report for discussions of additional building-specific business environmental risks.

7.10 BUILDING-SPECIFIC BUSINESS ENVIRONMENTAL RISK CONSIDERATIONS

Because the site has an existing building, GEOPlus reviewed additional business environmental risk issues in accordance with Wal-Mart’s Supplement to Phase I Guidelines – When Buildings are Present, dated May 22, 2000. The following is provided as requested at the top of page 2 of the Supplement.

- The existing Wal-Mart store and TLE were constructed in 1993 and cover approximately 125,889 square feet. The proposed expansion will add approximately 82,595 square feet.
- The City of Chico provides storm sewer, and sanitary sewer services.
- Water supply services are provided by California Water Services Company (CWS).
- Our ESA revealed no evidence of past residential use or other development of the site.
- There are no basements or crawl spaces beneath the existing structure.
- There are floor drains at the TLE that drain to an oil/water interceptor vault which discharges to the City of Chico Municipal waste water system.

The following sections summarize our visual observations and review of potential building-specific business environmental risks at the site listed in the Supplement.

7.10.1 Polychlorinated Biphenyls (PCBs)

According to the store manager, Wal-Mart replaced all the overhead fluorescent lamps in 2006. Fluorescent lighting system ballasts commonly contain PCBs. The lamp fixtures appeared new and in good condition during our site visit. GEOPlus did not observe leaking fluid from the lamps in the store at the time of our visit. This equipment is maintained in-house by Wal-Mart.

7.10.2 Mercury

Exterior lighting for the store appears to use mercury-vapor lamps. Mercury vapor and fluorescent lamps are handled according to the store's written hazmat procedure, which entails removal from the site by a licensed disposal contractor. The accumulated spent lamps are stored in a sealed box for no more than one year before disposal. It is also possible that other electrical equipment containing mercury may exist on site. This equipment is maintained in-house by Wal-Mart, and is typical of commercial developments throughout the United States. Mercury should not represent a business environmental risk for the site.

7.10.3 Chlorofluorocarbons (CFC)

The following information regarding refrigeration equipment at the store was obtained from the store manager, Ms. Kim Turner. The store manager did not know whether the store expansion would disturb the existing refrigerant systems. The refrigeration equipment at the store is listed below:

- Roof-mounted air conditioning units (from recent Google Earth Aerial imagery GEOPlus estimates 36 units are on the roof);
- 20 or more coin-operated and self-serve soft drink vending machines (located inside and outside the store, and in the employee break room);
- 1 milk cooler;
- 1 ice cream freezer;
- McDonald's restaurant walk-in freezer; and,
- 1 ice machine.

Ms. Turner did not know the types of refrigerants used and indicated the machines are regularly maintained in-house by Wal-Mart (roof-mounted equipment) and by outside vendors (remaining equipment). Chlorofluorocarbons do not appear to present a business environmental risk for the site.

7.10.4 Aboveground and Underground Storage Tanks (AST and UST)

Above ground motor oil and waste oil storage tanks used by the TLE shop are present in the storage tank room located in the southeast corner of the existing building. Underground storage tanks are not present at the existing Wal-Mart. An underground waste-oil tank was removed at the TLE in 1999. The RWQCB closed the case file for this UST in 2001. These tanks are discussed in Section 6.3 of this report.

7.10.5 Asbestos Containing Materials

An Asbestos Building Material Survey of the portion of the existing Wal-Mart store to be expanded was performed by Kleinfelder in 2003. Asbestos was not detected in any of the 21 building material samples taken. Based on the information available at this time, asbestos containing building materials do not appear to represent a business environmental risk.

7.10.6 Lead-Based Paint

The existing Wal-Mart store was constructed in 1993, long after lead-based paint was banned. In 2003 Kleinfelder performed a Lead-Based Paint Survey of the portion of the existing Wal-Mart store to be expanded. Lead-based paint was not detected in any of the samples from 20 locations tested. Lead-based paint does not appear to represent a business environmental risk.

7.10.7 Floor Drains

Floor drains were observed in three locations within with the TLE shop area including: in the storage room used to store the drummed chemicals; the long drain at the base of the shop bay doors; and lube pit (see Plates 3A and 3B). According to the Wal-Mart store manager, these drains, are routed through an oil/water interceptor to the sanitary sewer system. The floor drains do not represent a business environmental risk.

7.10.8 Water and Wastewater

The water supply for the site is regularly tested for contaminants by the City of Chico in accordance with State of California regulations. The water quality is within drinking water standards. The site's floor drain system is connected to an oil/water interceptor. The interceptor is regularly inspected by City of Chico officials. The level of fluid in the interceptor was low during our site visit. Water and wastewater do not represent a business environmental risk.

7.10.9 Regulated and Hazardous Materials Use and Storage

Wal-Mart maintains the petroleum products used at the TLE shop in accordance with its Business Plan filed at the Butte County Environmental Health Division (BCEHD). According to Mr. John O'Neill of BCEHD, in addition to waste liquids generated at the TLE, products in small containers that customers return to the store such as detergents, oil, are over-packed, labeled, documented and disposed properly per internal Wal-Mart guidelines. These materials do not represent a business environmental risk.

7.11 ENVIRONMENTAL ISSUES FOR SITE DEVELOPMENT AND CONSTRUCTION

Our Phase I ESA found no environmental issues that could potentially impact site development.

7.12 POTENTIAL DATA GAPS OR DATA FAILURES

GEOPlus has not identified potential data gaps or failures that would affect our ability to identify recognized environmental conditions in connection with the site.

7.13 CONCLUSIONS

GEOPlus performed this ESA of the site in general conformance with the scope and limitations of ASTM Practice E1527-05. Any exceptions to, or deletions from this practice are described in Section 2.4 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property. *De minimis* environmental conditions encountered included:

1. Aboveground storage tanks containing petroleum lubrication oils and waste oil.
2. Used automobile batteries.

It is unlikely that these conditions caused a significant release of hazardous materials/waste that would require cleanup or action.

Business Environmental Risks encountered included.

1. High-voltage power line crossing the landscaped area along the south edge of the developed portion of the site may constitute a business environmental risk.
2. A wetlands study has been performed, which delineates a small area of "potential" wetland. The study was submitted to the Sacramento office of the US Army Corps of Engineers (USACE) for verification. The USACE has not responded at the time of this report. Therefore, wetlands may constitute a business environmental risk.

8 REFERENCES

California Geological Survey, (September 1997) DMG Note 36, California Geomorphic Provinces.

Environmental Data Resources (EDR), Radius Map Inquiry No. 2097385.2s, December 11, 2007.

GEOPlus, Inc., Geotechnical Investigation Report, Wal-Mart #2044-03 Expansion, 2044 Forest Avenue, Chico, California, February 15, 2008.

Hanover, Inc., Proposed Duncan Shopping Center Expansion, Forest Avenue, Chico, California (Biological Resources Survey letter report), April 17, 2007.

Hanover, Inc., Wetlands Delineation, Duncan Shopping Center Expansion, Forest Avenue, Chico, California, PAC101B, for PACLAND, October 28, 2002.

Helley, E.J. and Harwood, D.S, Geologic Map of the Late Cenozoic Deposits of the Sacramento Valley and Northern Sierran Foothills Region, California. U.S. Geological Survey, Miscellaneous Field Studies Map MF-574. Scale 1:62,500, 1985.

Kleinfelder, Inc., Geotechnical Investigation Report, Wal-Mart #2044 Expansion, 2044 Forest Avenue, Chico, California, March 20, 2003.

Kleinfelder, Inc., Phase I ESA Report, Wal-Mart Store #2044 Expansion, November 5, 2002.

Kleinfelder, Inc., Limited Asbestos Building Material and Lead-based Paint Survey Report, Proposes Wal-Mart Store No. 2044 Expansion Area, May 12, 2003.

Pacific Municipal Consultants, Draft EIR, Wal-Mart Expansion, Biological Resources Section 4.4, prepared for the City of Chico, December 2006.

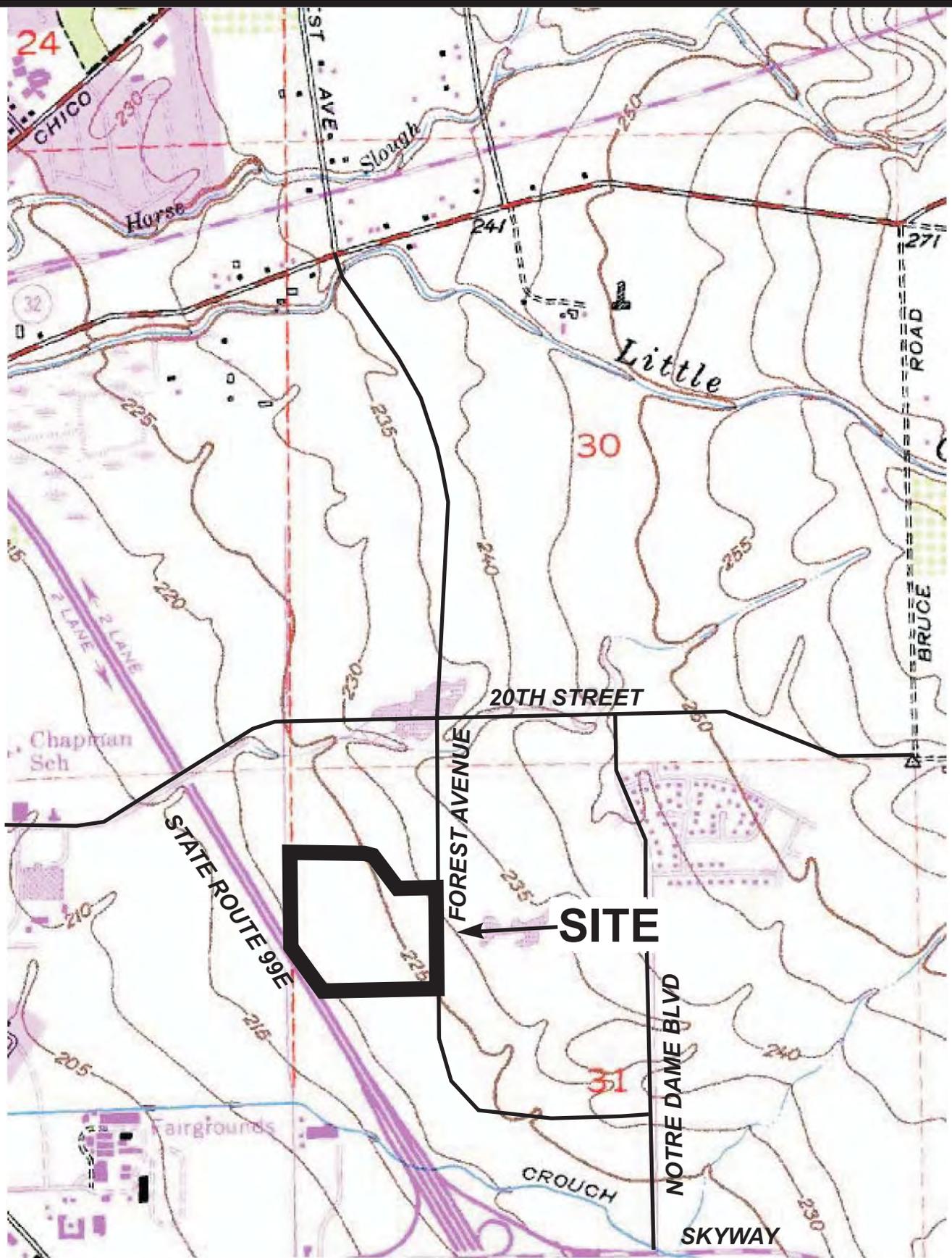
Pacific Municipal Consultants, Final EIR, Wal-Mart Expansion, prepared for the City of Chico, January 2008.

Pacific Municipal Consultants, Draft EIR, Wal-Mart Expansion, Cultural and Paleontological Resources Section 4.5, prepared for the City of Chico, December 2006.

Twining Laboratories, Inc., Geotechnical Engineering Investigation, December 15, 1992.

Twining Laboratories, Inc., Phase I ESA, October 23, 1992.

Refer to Appendix B-2 for a copy of the EDR report, which is the basis for the regulatory review conducted for this assessment. The EDR report includes an annotated description with dates for the databases reviewed. It should be noted that the EDR report occasionally lists facilities that are not within the search radius of the site due to poor location information in the source databases. These regulatory agency files for these facilities are not reviewed as their impact to the site soil and groundwater is unlikely.



Reference: Chico Quadrangle, California - Butte County, 7.5 Minute Series (Topographic), 1948, Photorevised 1978.

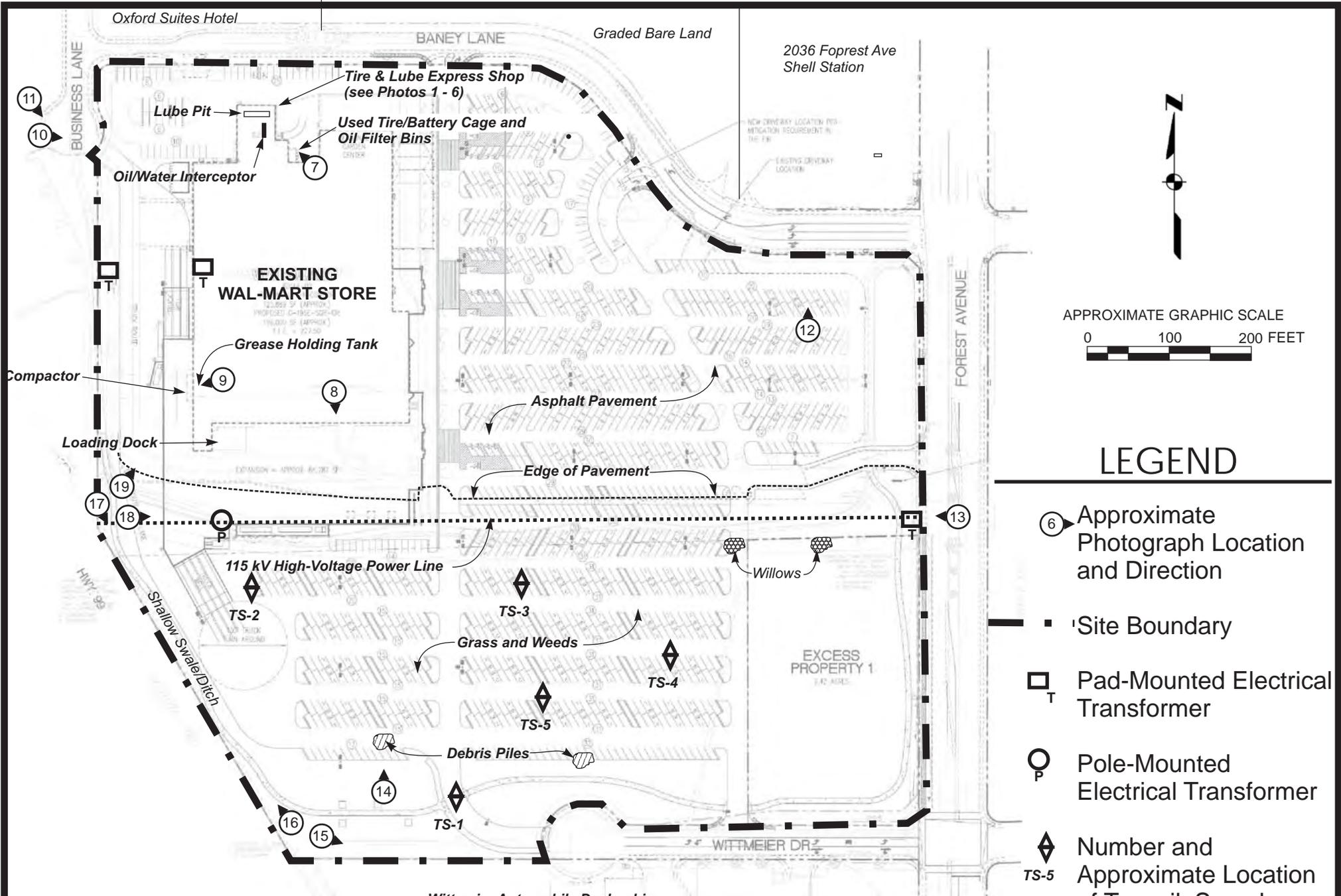


Drawn by: WRB
Project No. 1236

Date: 01/07/08
Filename: 1236 - 08D107

SITE LOCATION MAP
WAL-MART #2044-03 (EXPANSION)
2044 FOREST AVENUE
CHICO, CALIFORNIA

Plate
1



Drafted by: WRB Project No.: 1236
Date: 02/01/08 Document No.: 08D108



SITE MAP
WAL-MART #2044-03 (EXPANSION)
2044 FOREST AVENUE
CHICO, CALIFORNIA

Plate
2



Photo 1: Spill pallet and used battery holding area. Used batteries are moved from this location to the battery cage daily..



Photo 2: Oil/water interceptor in Tire Lube Express (TLE) shop. Dimensions are approximately 2'x5'x2'.



Photo 3: Closeup view of oil/water interceptor in TLE shop. Fluid level is low, with less than 1-inch of oil film. Note double-containment construction.



Photo 4: West-facing view of double-walled steel above-ground storage tanks in TLE lube pit: 2 x 400-gallon waste oil tanks, and 2 x 400-gallon new lube oil tanks.



Photo 5: Sump with pump with pipes discharging to oil/water interceptor in floor of TLE lube pit.



Photo 6: Northwest-facing view of lube-pi floor drain and small waste oil holding tank leading to oil/water interceptor.



Photo 7: Northwest-facing view of used tire (right) and used battery/public collection waste oil tank cages on east exterior of Tire Lube Express.



Photo 8: South-facing view of portable tank used by McDonald's restaurant to transport cooking grease to holding tank (see photo #9).

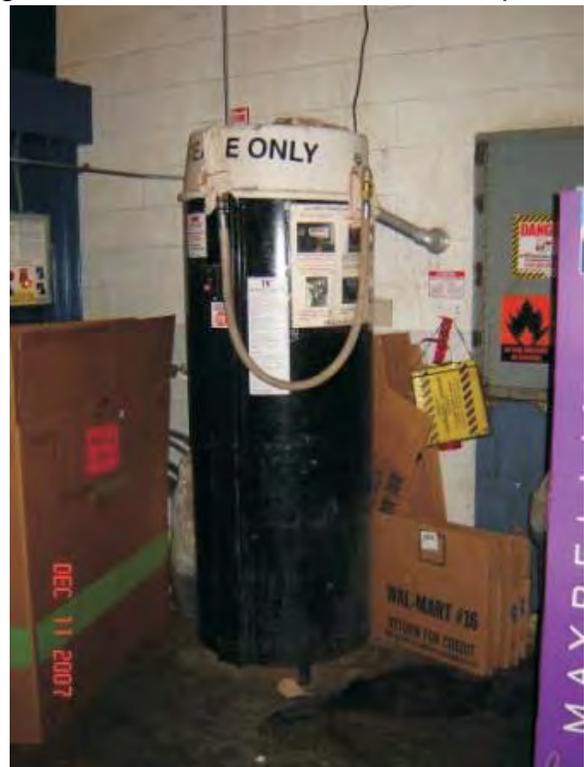


Photo 9: West-facing view of grease holding tank in stockroom in southwest portion of building.



Photo 10: East-facing view of northwest corner of property. Containers are used for extra storage of dry goods.



Photo 11: Southeast-facing view of west property line. Wal-Mart store at left. In-N-Out Burger restaurant parking lot at right. Vacant former donut shop building at right rear.



Photo 12: North-facing view of northeast parking lot. Adjacent Shell gas station in background across Baney Lane.



Photo 13: West-facing view of central portion of property. Note pad-mounted transformer owned and operated by PGE and overhead 115kV lines.



Photo 14: North-facing view of debris pile located in southwest portion of site. Contains concrete drain pipe, rubble and earth.



Photo 15: Southeast-facing view of southwest site corner. Wittmeier automobile dealership in background. Swale/ditch at west property line at photo right.



Photo 16: Northwest-facing view along west property line.



Drawn by: WRB
Project No. 1236

Date: 01/22/08
Filename: 1236 - 07D109

SITE PHOTOGRAPHS
WAL-MART #2044-03 (EXPANSION)
2044 FOREST AVENUE
CHICO, CALIFORNIA

Figure
3C



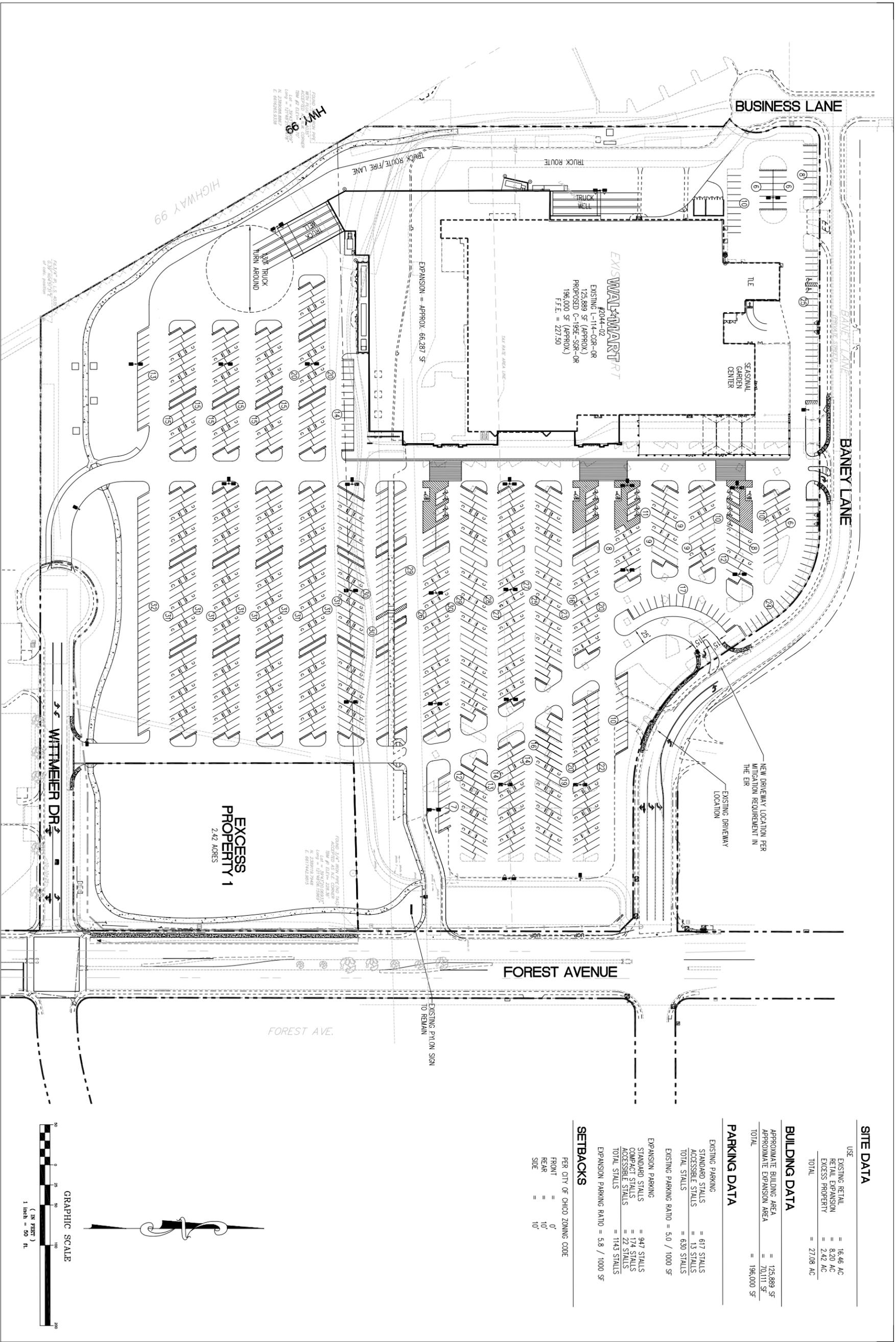
Photo 17: Southeast-facing view of west property line.



Photo 18: East-facing view along 115kV overhead power line at north edge of undeveloped portion of site. Pole-mounted transformer at photo center.



Photo 19: North-facing view of Wal-Mart store. Box compactor at photo center.



SITE DATA

USE	
EXISTING RETAIL	= 16.46 AC
RETAIL EXPANSION	= 8.20 AC
EXCESS PROPERTY	= 2.42 AC
TOTAL	= 27.08 AC

BUILDING DATA

APPROXIMATE BUILDING AREA	= 125,889 SF
APPROXIMATE EXPANSION AREA	= 196,000 SF
TOTAL	= 321,889 SF

PARKING DATA

EXISTING PARKING	
STANDARD STALLS	= 617 STALLS
ACCESSIBLE STALLS	= 13 STALLS
TOTAL STALLS	= 630 STALLS
EXPANSION PARKING	
STANDARD STALLS	= 947 STALLS
ACCESSIBLE STALLS	= 22 STALLS
TOTAL STALLS	= 1143 STALLS
EXPANSION PARKING RATIO = 5.8 / 1000 SF	

SETBACKS

PER CITY OF CHICO ZONING CODE	
FRONT	= 0'
REAR	= 10'
SIDE	= 10'



No.	Date	By	Revision Description

Designed By:	Issue Date:
MSN	11/2/07
Drawn By:	
RSB	
Checked By:	Project No.:
MSN/MB	202001017.00

PACILAND
 2901 Douglas Blvd.
 Roseville, CA 95661
 T (916) 771-9503
 F (916) 771-5945
 www.paciland.com

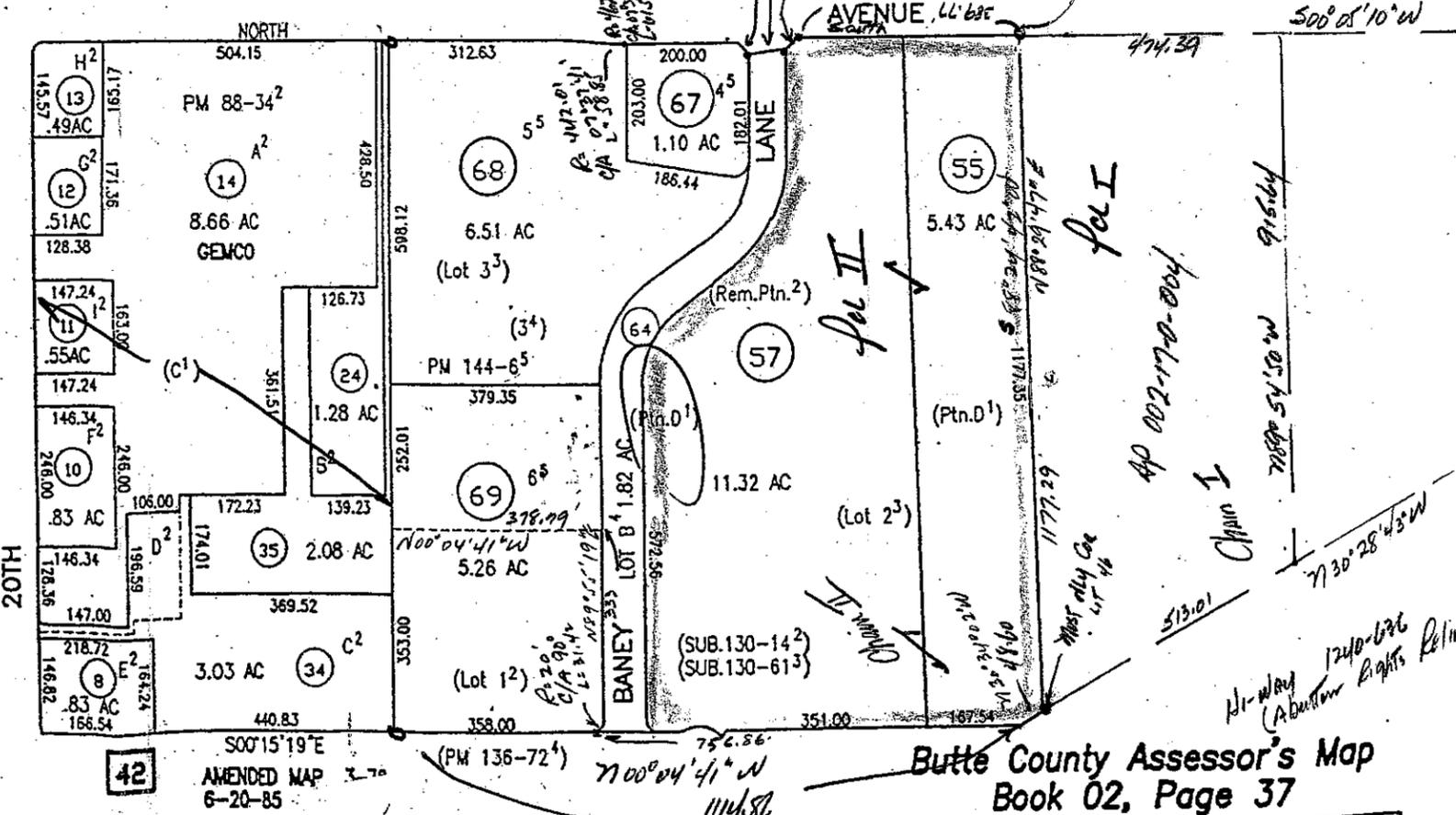
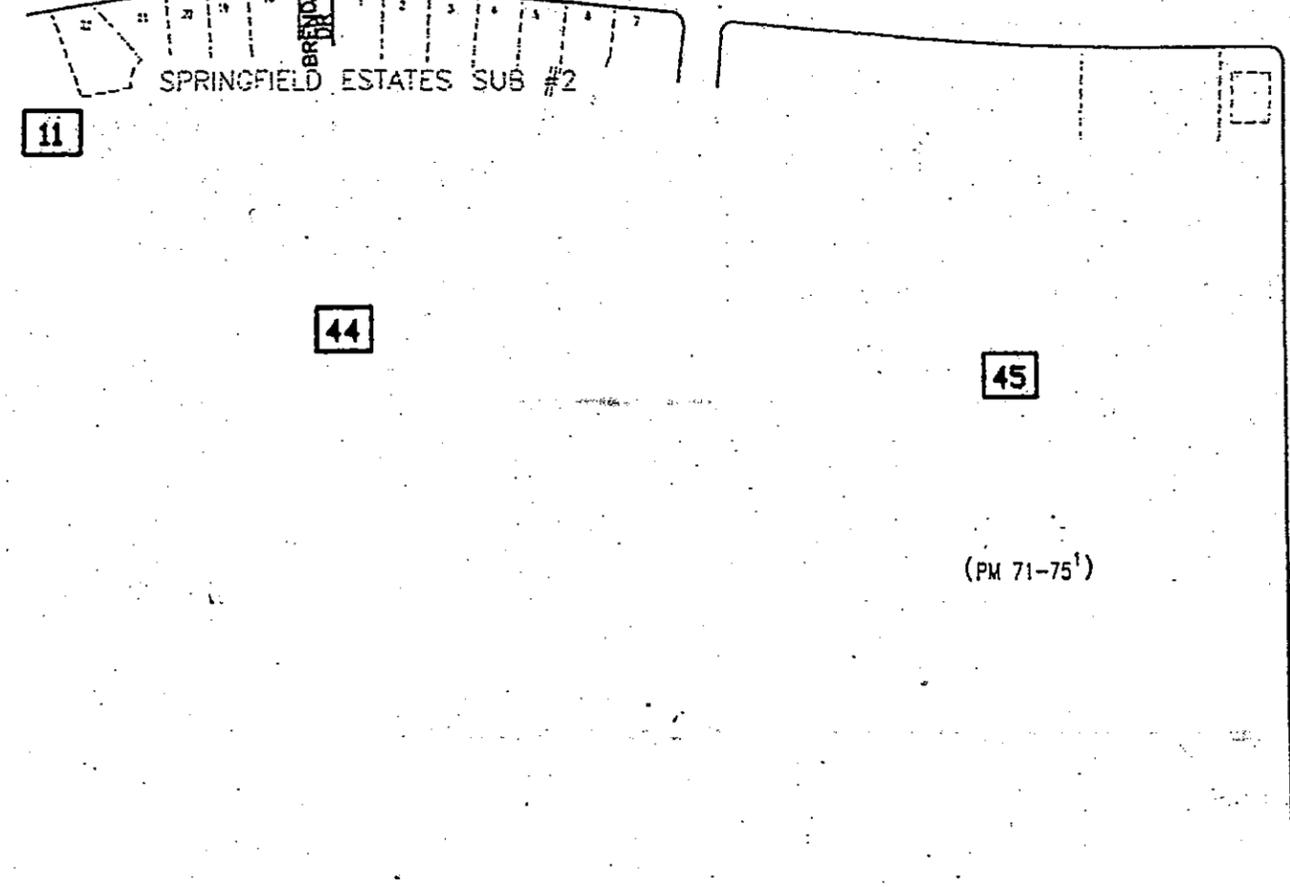
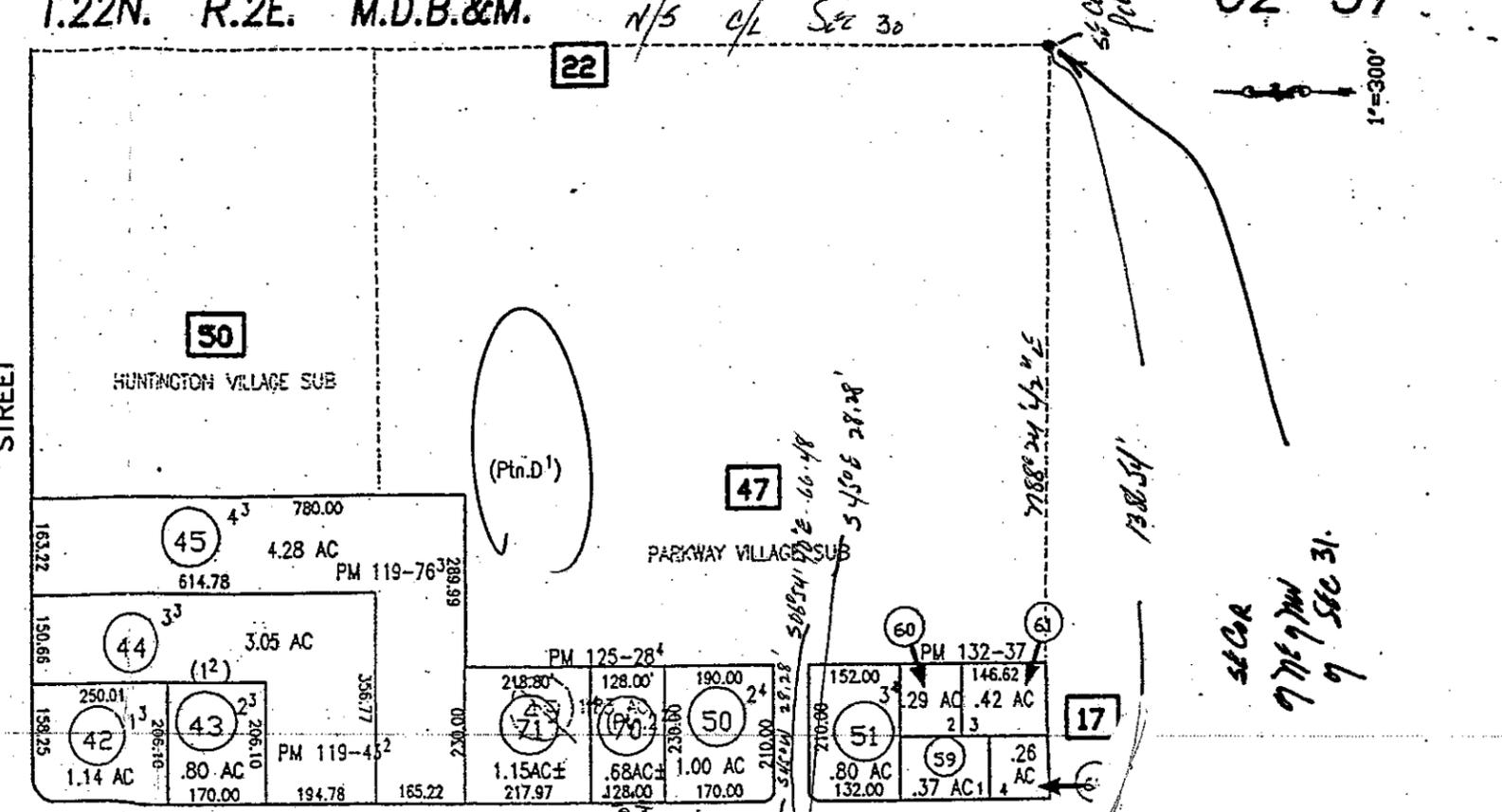
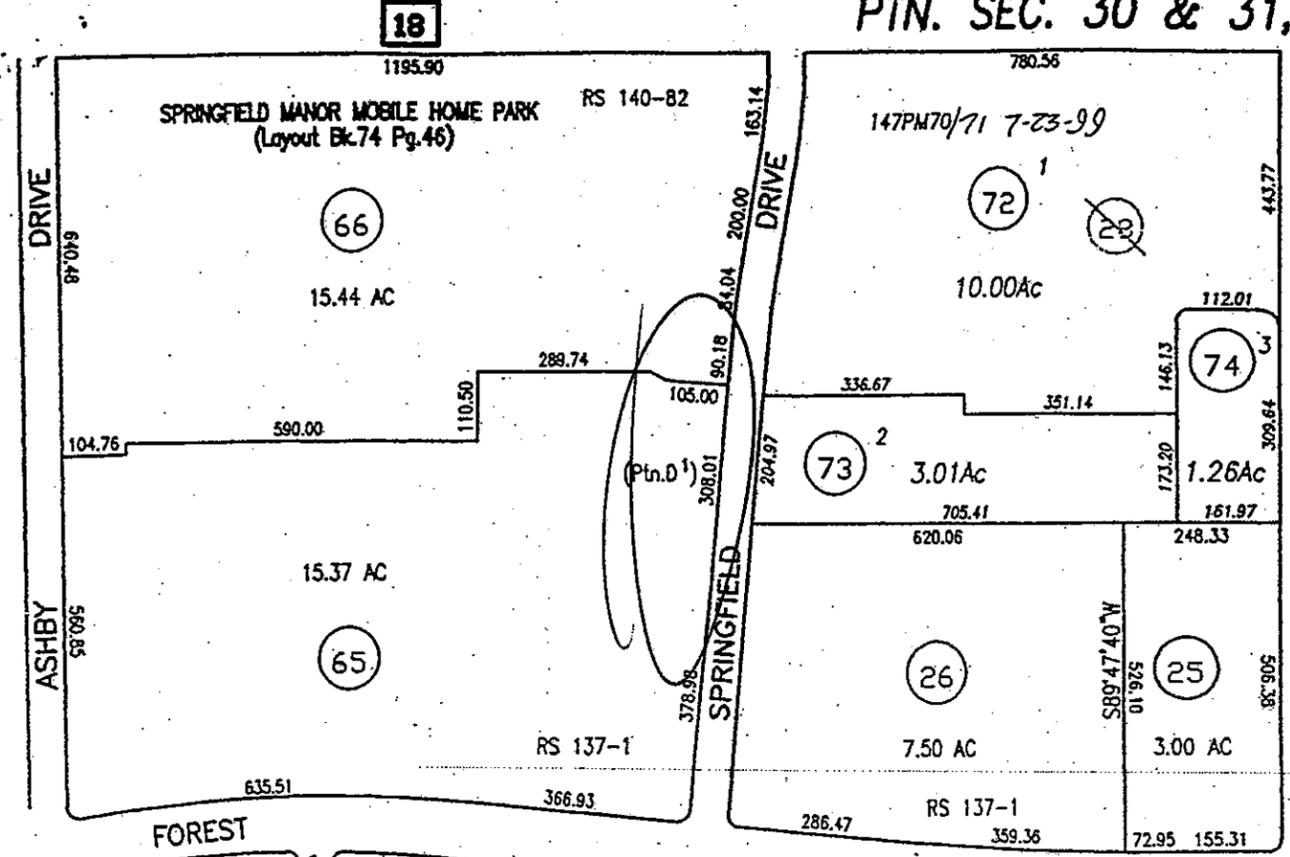
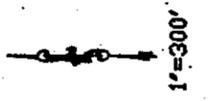
DUNCAN SHOPPING CENTER EXPANSION
 (WAL-MART STORE #2044)
 2044 FOREST AVENUE
 CHICO, CALIFORNIA

SCHEMATIC SITE PLAN
 SC-1

PTN. SEC. 30 & 31, T.22N. R.2E. M.D.B.&M.

n/s of Sec 30

02-37



FOREST AVENUE SUB. 130 M.O.R. 14 6-9-93
 FOREST AVENUE PHASE II 130 M.O.R. 61/62 11-10-93

NOTE: These parcels are for assessment purposes only and may not constitute legal parcels.

Butte County Assessor's Map
 Book 02, Page 37

CREATED BY	DB	CREATED ON	12-3-1999
REVISED BY	DB	REVISED ON	12-3-1999
		EFFECTIVE	00-01 ROLL

SE CAR
 9776 PM
 97 SEC 31

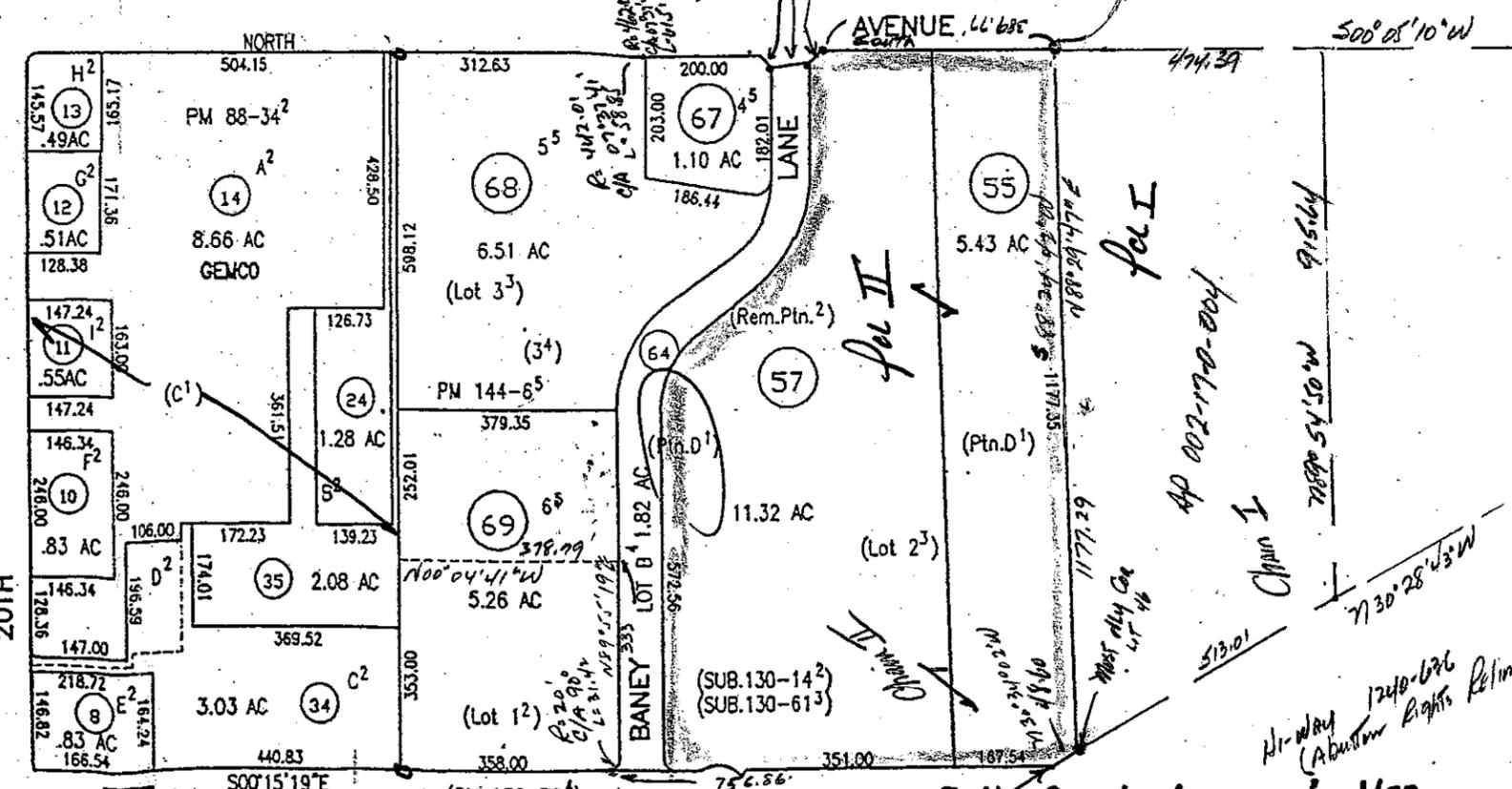
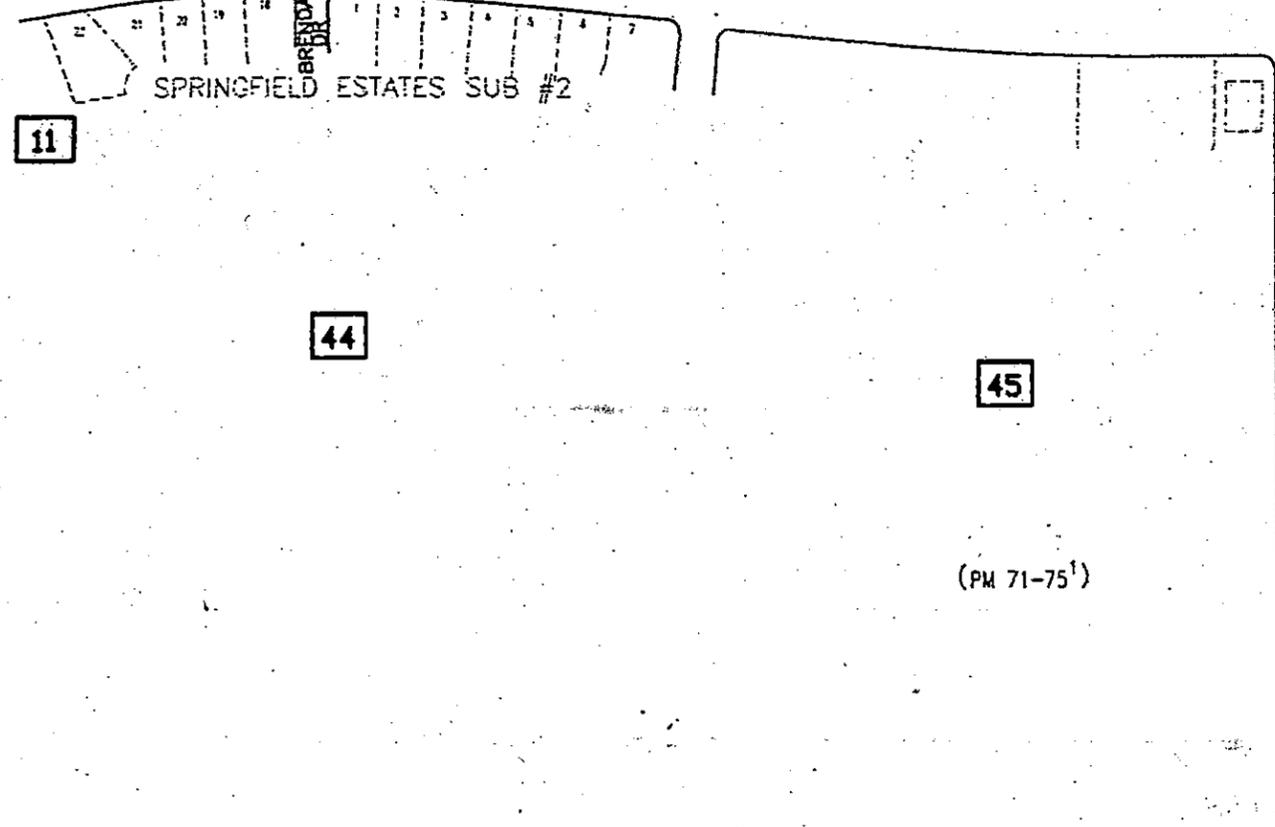
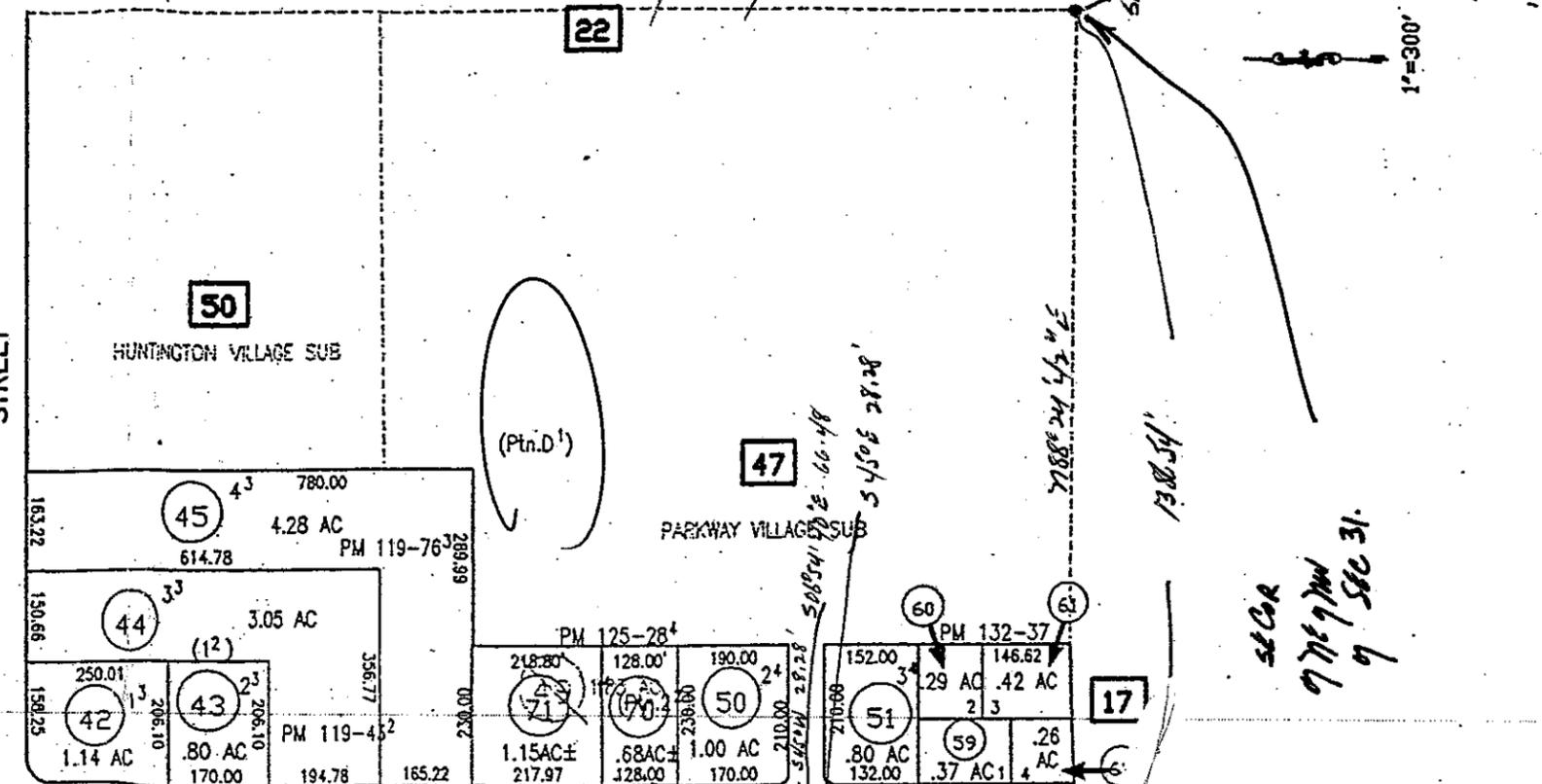
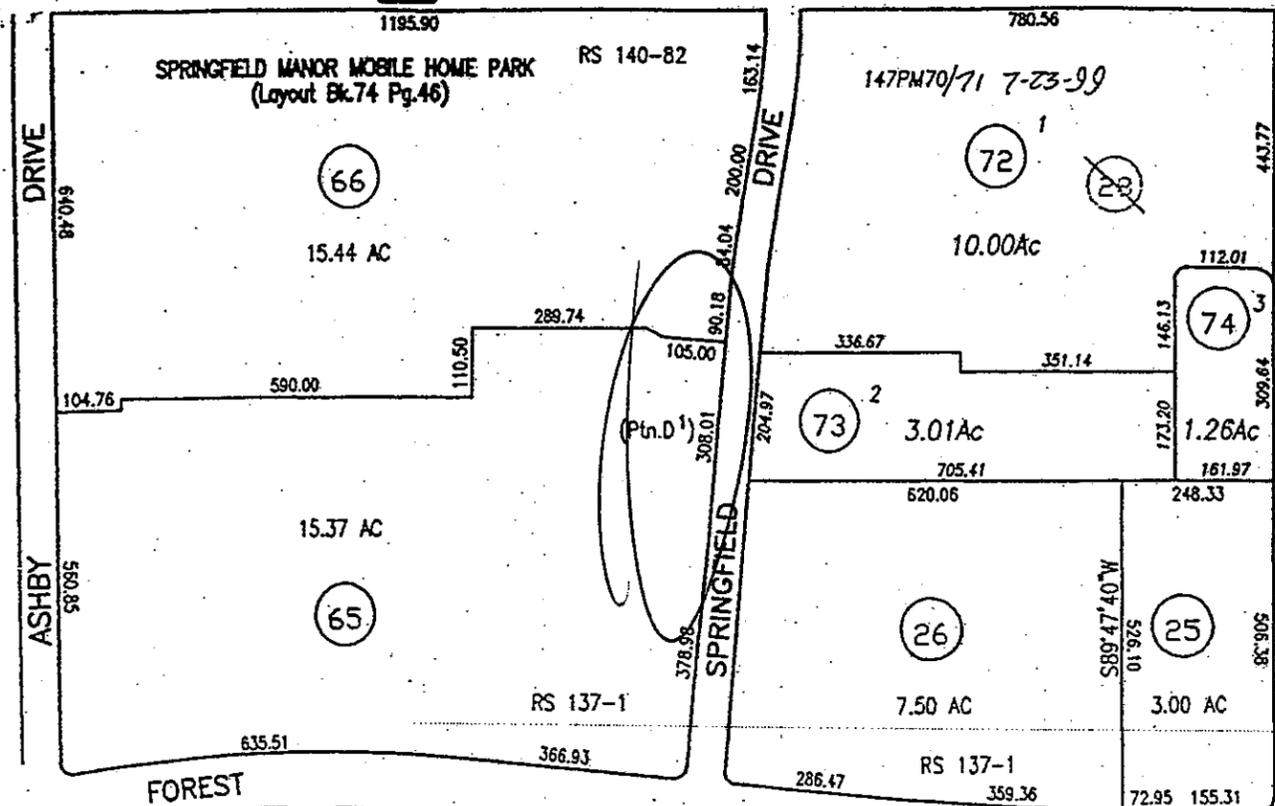
fol I

fol II

AP 002-177-0-000

Chap 3

Hi-way
 (Abandon Rights Relinquished)

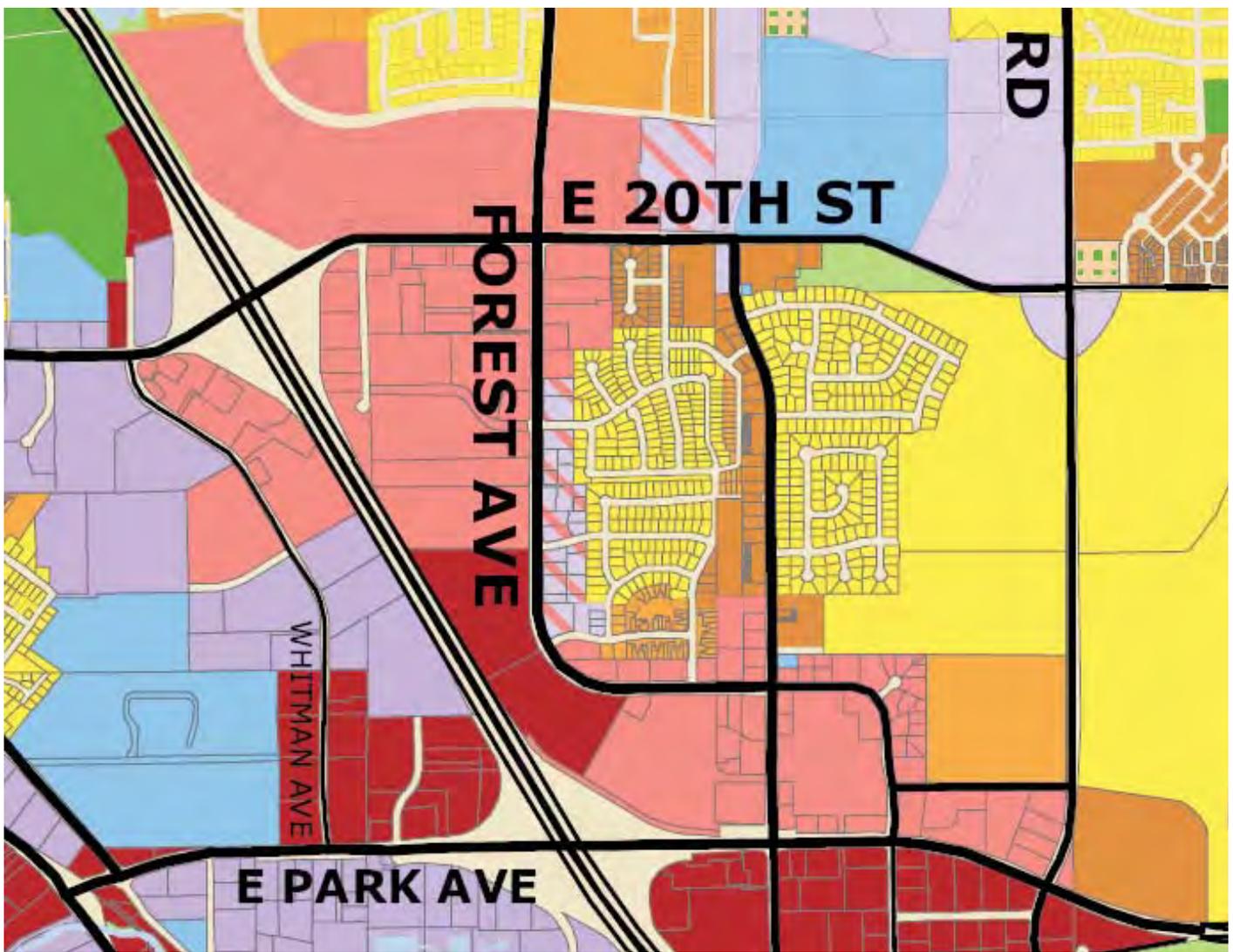


FOREST AVENUE SUB. 130 M.O.R. 14 6-9-93
 FOREST AVENUE PHASE II 130 M.O.R. 61/62 11-10-93

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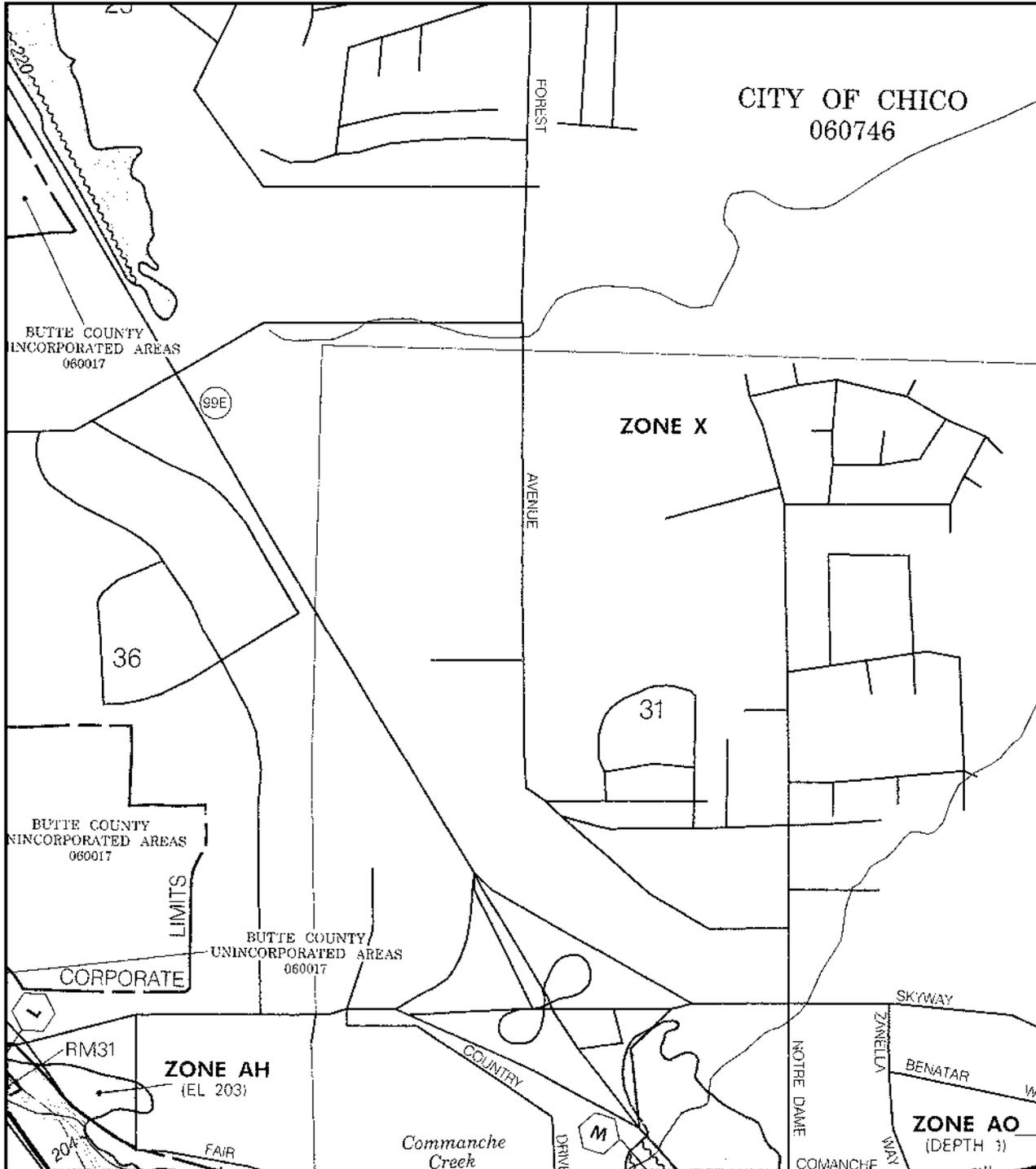
Butte County Assessor's Map
 Book 02, Page 37

CREATED BY	DB	CREATED ON	12-3-1999
REVISED BY	DB	REVISED ON	12-3-1999
		EFFECTIVE	00-01 ROLL



Zoning Districts*

	RR Rural Residential		RD Downtown Residential
	RS-3 Suburban Residential 3 acre min.		OR Office Residential
	RS-2 Suburban Residential 2 acre min.		OC Office Commercial
	RS-1 Suburban Residential 1 acre min.		CN Neighborhood Commercial
	RS-20 Suburban Residential 20,000 sq ft min.		CC Community Commercial
	R1-15 Low Density Residential 15,000 sq ft min.		CD Downtown Commercial
	R1-10 Low Density Residential 10,000 sq ft min.		CS Services Commercial
	R1 Low Density Residential		C-1 Restricted Commercial
	R2 Medium Density Residential		C-2 General Commercial
	R3 Medium-High Density Residential		ML Light Manufacturing
	R4 High Density Residential		MP Manufacturing/Industrial Park



APPROXIMATE SCALE IN FEET
 1000 0 1000

NATIONAL FLOOD INSURANCE PROGRAM

**FIRM
 FLOOD INSURANCE RATE MAP**

**BUTTE COUNTY,
 CALIFORNIA AND
 INCORPORATED AREAS**

PANEL 510 OF 1200
 (SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS COMMUNITY	NUMBER	PANEL	SUFFIX
CHICO, CITY OF	060746	510	D
BUTTE COUNTY, UNINCORPORATED AREAS	060017	0514	D

**MAP NUMBER
 06007C0510 D**

**MAP REVISED:
 APRIL 20, 2000**



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



California Regional Water Quality Control Board

Central Valley Region

Robert Schneider, Chair



Winston H. Hickox
Secretary for
Environmental
Protection

Gray Davis
Governor

Redding Branch Office

Internet Address: <http://www.swrcb.ca.gov/~rwqcb5>
415 Knollcrest Drive, Suite 100, Redding, California 96002
Phone (530) 224-4845 • FAX (530) 224-4857

6 March 2001

Mr. Bill Payne
Wal-Mart Stores, Inc.
701 South Walton Boulevard
Bentonville, AR 72716

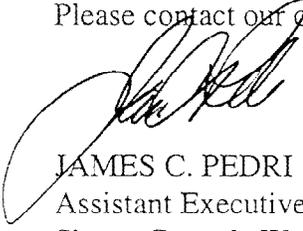
CASE CLOSURE, UNDERGROUND STORAGE TANK CASE #040229, WAL-MART STORE 2044, 2044 FOREST AVENUE, CHICO, BUTTE COUNTY

This letter confirms the completion of a site investigation and corrective action for the underground storage tank(s) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of Subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code, and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to Subdivision (h) of Section 25299.37 of the Health and Safety Code.

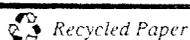
Please contact our office if you have any questions regarding this matter.


JAMES C. PEDRI
Assistant Executive Officer
Shasta Cascade Watershed

JCP:ba

cc: Mr. Greg Lyon, Butte County Environmental Health Department, Chico, CA
Mr. Andrew Phipps, Kleenco Petroleum Construction, Inc., Anderson, IN

California Environmental Protection Agency





California Regional Water Quality Control Board

Central Valley Region

Robert Schneider, Chair



Gray Davis
Governor

Winston H. Hickox
Secretary for
Environmental
Protection

Redding Branch Office

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TO: Philip V. Woodward, C.E.G.
Senior Engineering Geologist
Tanks, SLIC, Waste Containment
Unit

FROM: Randolph D. Judge
Associate Engineering Geologist
Tanks, SLIC, Waste Containment
Unit
Shasta Cascade Watershed

DATE: 6 March 2001

SIGNATURE: 

SUBJECT: CASE CLOSURE SUMMARY FOR UNDERGROUND STORAGE TANK CASE #040229, WAL-MART STORE 2044, 2044 FOREST AVENUE, CHICO, BUTTE COUNTY

UST Removal – A 1,000 gallon waste-oil UST and associated plumbing was removed on 8 August 1999. Contaminants were not detected in the tank closure excavation sample.

Soil Contamination- Three monitoring wells were installed. One of the soil samples from one of the borings contained 198 mg/kg oil & grease. The soil samples were non-detect for all other analyses.

Groundwater Contamination – Groundwater collected from the tank excavation contained minor amounts of petroleum hydrocarbons. Groundwater collected from the three monitor wells were non-detect for BTEX and MTBE. A sample from monitor well MW-1 contained 0.56 mg/l TPH-d and a sample from monitor well MW-3 contained 18.9 mg/l oil & grease.

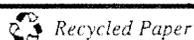
Sensitive Receptors – No private wells or other sensitive receptors were discovered within 2,000 feet of the site.

Present Site Conditions – The UST was removed and the excavation backfilled. The three monitor wells have been properly abandoned.

Closure Documents – The consultant for the site, Kleenco Petroleum Construction (Anderson, IN), has recommended closure for the site. The site owner has requested closure of the site.

Closure Assessment – The tank and plumbing has been removed. Minor oil & grease contamination appears to have been localized in the pit. No BTEX or MTBE was detected in the groundwater.

California Environmental Protection Agency



The consultant concludes that remaining contamination does not pose a risk to sensitive receptors.

Recommendation- The site should be closed.

RDJ:ba

Waste Manifest

January Environmental Services, Inc.

62862



2701 South Prospect
Oklahoma City, OK 73129
(405) 670-2030
FAX: (405) 670-6747

oil-water sep. fluid
disposal Manifest
11/11/07.
per Stacey Adamson
899-8760x102
12/12/07
-WRB

Invoice No.

GENERATOR INFORMATION

Business Name: WEL. NORTH 2047
Address: 2244 E. 1st St. Tulsa OK 74103
Telephone: 530-899-3700
Waste Description: Oil-water separator waste
Waste Volume: 100 gal Cost \$ 750.00
Date Removed: 11/11/07
Generator: Stacy Adamson (PRINT) [Signature] (SIGN)

TRANSPORTATION INFORMATION

Business Name: January Transport, Inc.
Address: 2701 South Prospect Oklahoma City, OK
Telephone: (405) 670-2030
Waste Description: Oil-water separator waste
Waste Volume: 100 gal
Driver's Name: [Signature] (PRINT) [Signature] (SIGN)

DISPOSAL INFORMATION

Business Name: _____
Address: _____
Telephone: _____
Date: _____
Operator Name: _____ (PRINT) (SIGN)

This section evaluates the potential for individual and cumulative impacts to biological resources resulting from the proposed Wal-Mart Expansion project. The analysis of biological resources presented in this section is based on a review of the current project description as well as data collected from the site survey presented in the wetland delineation, botanical survey, and biological resource reports prepared by Hanover (Hanover 2002, Hanover 2003a, Hanover 2003b), which are contained in their entirety in **Appendix D**.

4.4.1 EXISTING SETTING

The following section describes conditions at the proposed project site with emphasis on biological resources.

REGIONAL SETTING

The proposed Wal-Mart Expansion project site is located within Butte County, California on the Chico United States Geological Survey (USGS) 7.5-minute topographic quadrangle map (T22N, R2E, Section 31). As defined by the California Department of Fish and Game (DFG) Wildlife and Habitat Data Analysis Branch, wildlife habitat within Butte County consists of (but is not limited to) 36 different classifications, including annual grassland, fresh emergent wetland, montane riparian, urban, and valley foothill riparian (DFG 2004). **Table 4.4-1** in **Appendix E** identifies species commonly occurring within Butte County.

LOCAL SETTING

The project site consists of a flat vacant area and an existing Wal-Mart store and parking lot. The vacant portion of the site appears to be disked on a regular basis for weed abatement. Habitat consists of valley grassland with scattered riparian areas and associated seasonal wetlands (Hanover 2003a). The surrounding areas are commercial and urban. A footpath oriented in a northeast to southwest direction bisects the site.

BIOLOGICAL COMMUNITIES

Habitat occurring on the project site is discussed below. Special-status wildlife species, sensitive plants, and critical habitat expected or known to occur within the general project area are also addressed in this section. The project site consists of developed urban areas and valley grassland and scattered riparian habitat with associated seasonal wetlands (Hanover 2003a).

Valley Grassland

As described in the botanist report, valley grassland habitats are comprised of predominately annual species that typically germinate during the fall and winter rainy season. The onset of summer usually completes the life cycle for annual species. A few perennials may emerge and flower in late summer and early fall. Valley grassland also supports vernal pool areas, which contain their own unique flora. Onsite survey for special status plants conducted on April 14 and 15, 2003, found no well-developed vernal pools or associated flora (Hanover 2003a). Various ruderal alien species were identified in areas of disturbance throughout the project location.

Riparian and Wetland Community

Riparian vegetation at the project location is associated with seasonal wetlands scattered throughout the vacant site. Some of the wetlands are thought to be the product of over spray

4.4 BIOLOGICAL RESOURCES

from the adjacent Wal-Mart landscape irrigation (Hanover 2002). Onsite botanical investigations reported that riparian elements are not well developed and are primarily located along the north and west margins of the site. Species associated with riparian vegetation identified by Hanover (2003a) during the botanical survey included, arroyo willow (*Salix lasiolepis*), cocklebur (*Xanthium strumarium*), coyote thistle (*Eryngium castrense*), curly dock (*Rumex crispus*), Fremont's cottonwood (*Populus fremontii*), Fremont's zigadene (*Zigadenus fremontii*), mule fat (*Baccharis salicifolia*), pickleseed buttercup (*Ranunculus muricatus*); spike rush (*Eleocharis sp.*), stipitate popcorn flower (*Plagiobothrys stipitatus*), and tall cyperus (*Cyperus eragrostis*).

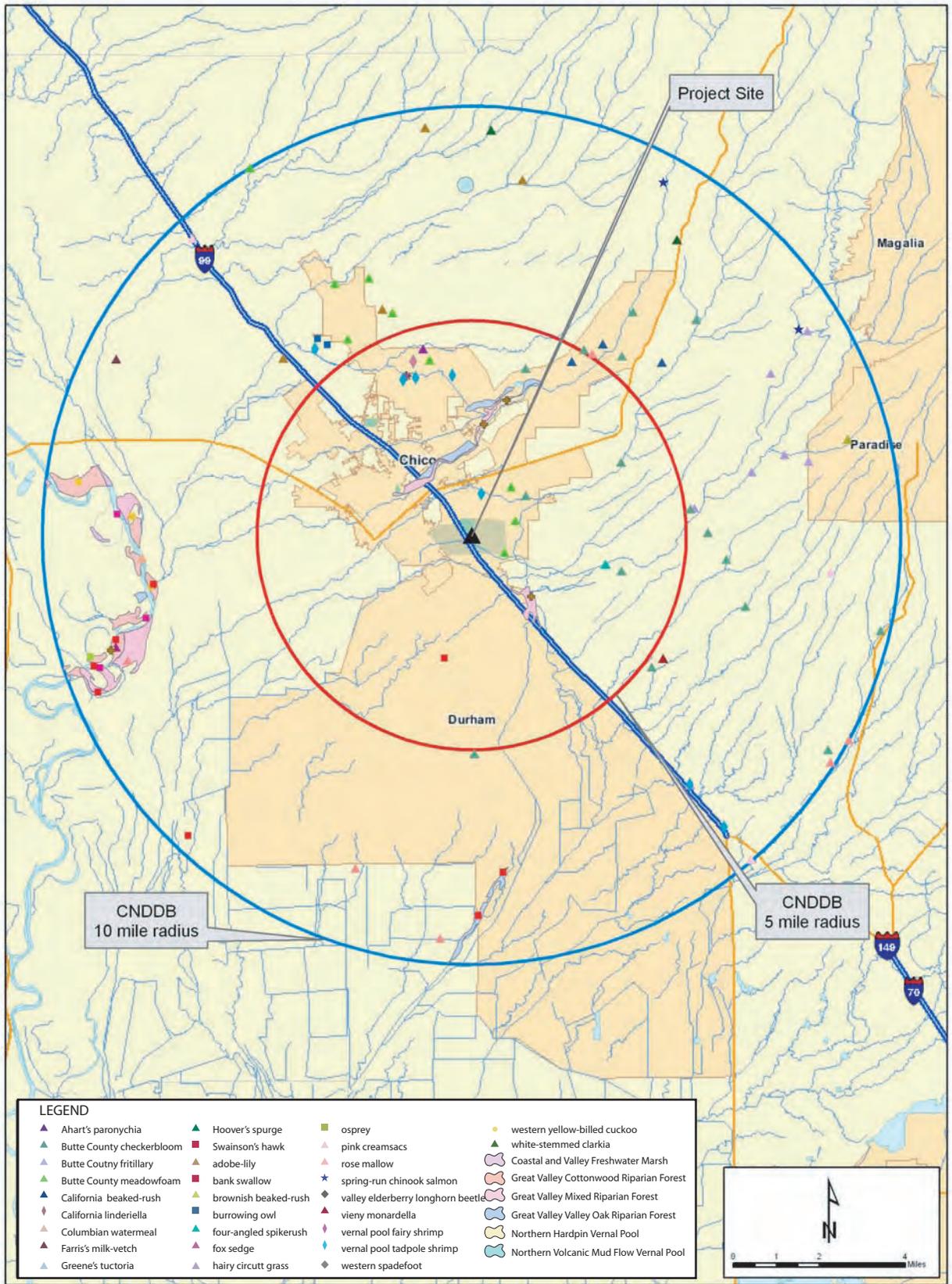
Special-Status Species

In general, special-status species include plants and wildlife that are:

- Listed and protected under the Federal and/or California Endangered Species Acts;
- Listed and protected under other federal and/or state regulations;
- Sufficiently rare to qualify for listing or protection under federal and/or state regulations; or
- Considered unique or in decline by the scientific community.

Table 4.4-2 of Appendix E lists special status species identified by the United States Fish and Wildlife Service (USFWS) that may be affected by projects in Butte County as well as species listed in the California Natural Diversity Database (CNDDDB) and California Native Plant Society (CNPS) inventory within a nine USGS topographical quadrangle search range (USFWS 2004; DFG 2006; CNPS 2004). Quadrangles included in the data search were Chico, Hamlin Canyon, Llano Seco, Nelson, Nord, Ord Ferry, Paradise West, Richardson Springs, and Shippee. Species listed as being unlikely to occur within the project area are considered to be beyond their known range or to have low habitat suitability for reproduction, cover, and/or foraging. **Figure 4.4-1** shows occurrences of special-status species listed in the CNDDDB within a ten-mile radius of the project area. Species that possibly or will likely occur within the project area and therefore potentially need further study are listed in **Table 4.4-3 of Appendix E**.

T:\Chico\Chico Wait\Map\Graphic Development\AI Files\Figure 4.4-1.ai, April 2006



Source: CNDDB, 2003; Tiger 2000



FIGURE 4.4-1
CNDDB 5 AND 10 MILE RADIUS MAP

LISTED AND SPECIAL-STATUS PLANTS

As shown on **Figure 4.4-1**, several special-status plant species occur within ten miles of the project area. Many of these species are associated with critical habitat and wetland areas located within the region. Based on literature review (e.g., CNPS Inventory of Rare and Endangered Plants), soil survey analysis, the botanical survey report (Hanover 2003a), and species range information; none of these special-status plant species has the potential for occurrence within the project area.

Listed and Special-Status Animals

Based on USFWS and CNDDDB information, several special-status animals have a potential for occurrence within habitat (valley grassland with scattered riparian areas) found at the project site (see **Table 4.4-2 of Appendix E**). As described by Hanover (2003b), the project location provides low suitability for many of these species such as the western burrowing owl or giant garter snake; therefore, they are not expected to be adversely affected by the development of the Wal-Mart Expansion project.¹ However a variety of transient, nesting, or foraging raptor and migratory bird species do have a potential for occurrence within the project area. These special-status species are discussed below.

Raptors and Migratory Birds

Raptor nests are protected under the Migratory Bird Treaty Act (MBTA) and Section 3503.5 of the California Fish and Game Code. Scattered trees associated with riparian areas within the project vicinity provide potential nest sites for raptors, which could also forage at the project site.

Migratory birds, such as those described below, forage and nest in a variety of habitats including valley grassland and riparian. Active migratory bird nests are also protected under the MBTA, which outlaws their destruction. Therefore, pre-construction nest surveys should be completed.

Aleutian Canada Goose

The Central Valley is one of the main wintering areas for the Aleutian Canada goose (*Branta canadensis leucopareia*), which is a federal delisted species that continues to be monitored by the USFWS as required for the delisting process in the Endangered Species Act of 1973. This goose forages on the ground and in water (or moist fields) for submergent vegetation, grasses, winter wheat, clovers, and waste grain, especially corn and grit (Stokes 1996). This species typically roosts on open water in lakes or ponds. Nesting occurs from March to June in northeastern California and February to June on coastal slopes. Predation of nest sites, hunting, and overgrazing of foraging areas contribute to the decline of this species (DFG 2002).

American Peregrine Falcon

American peregrine falcon (*Falco peregrinus anatum*) is a federal delisted, California listed endangered, California fully protected, California protected, and California Department of Forestry (CDF) sensitive species. This falcon typically catches prey in mid flight (not from a perch)

¹ Inquiries about proposed development and its impact on the giant garter snake and western burrowing owl have become important issues within the City of Chico recently and as such are specifically identified herein. According to the Biological Survey Report completed by Hanover, Inc., the site is not likely to support either the giant garter snake or the western burrowing owl and therefore they are not identified as a potentially impacted species for the proposed project (Hanover, 2003b).

4.4 BIOLOGICAL RESOURCES

and eats a variety of birds, mammals, insects, and fish. This species requires protected cliffs and ledges for cover. Peregrine falcon breed from early March through August. Competition for nest sites and predation contribute to this species decline (DFG 2002).

Bank Swallow

Bank swallow (*Riparia riparia*) is a California listed threatened species. This bird forages primarily over open riparian areas for a variety of insects including, flies, bees, and beetles. Bank swallow use holes in cliffs and river banks as well as shoreline vegetation for cover. Reproduction occurs from early May through July, with peak activity from May to June. Alteration of rivers and streams have disturbed historic nesting areas and contributed to the decline of this species (DFG 2002).

California Thrasher

California thrasher (*Toxostoma redivivum*) is a federal species of concern. This bird forages primarily on the ground for insects, spiders, terrestrial invertebrates, fruits, acorns, and seeds. California thrasher require dense chaparral or riparian vegetation for cover. Reproduction occurs from early December into August, with peak periods from mid-May to mid-June. Predation by hawks, feral cats, and domestic cats contribute to this species' decline (DFG 2002).

Ferruginous Hawk

Ferruginous hawk (*Buteo regalis*) is a federal and California species of concern. This hawk glides low over open areas to intercept prey on the ground or hunts from high mound perches. Prey mainly consists of lagomorphs, ground squirrel, and mice, but also includes birds, reptiles, and amphibians. Lagomorph population cycles may have a direct relation to ferruginous hawk population trends. This species roosts in open areas, such as a single trees or utility poles, and breeds from Oregon to Canada with egg-laying beginning in April. Competition for prey as well as urban development and loss of suitable wintering habitat in California contributes to the decline of this species (DFG 2002).

Great Blue Heron

The great blue heron (*Ardea herodias*) nest sites are considered special by the DFG and protected under the MBTA. This bird is fairly common yearlong throughout most of California, including Butte County. This species typically hunts by standing motionless, or walking slowly, in shallow water (less than 12 inches) or less commonly in open fields. Fish makes up nearly 75 percent of this species diet, which also includes small rodents, amphibians, snakes, lizards, insects, crustaceans, and occasionally small birds. Great blue heron will perch and roost in secluded tall trees as well as perch on offshore kelp beds. In early February this heron begins courtship and nest building followed by egg laying in late February or March. Great blue heron are sensitive to human disturbance near nest sites and are probably also sensitive to pesticides and herbicides in nesting and foraging areas (DFG 2002).

Great Egret

Great egret (*Ardea alba*) nest sites are considered special by the DFG and protected under the MBTA. This bird is fairly common yearlong throughout most of California, including Butte County. This species forages in shallow water, along shores of estuaries, lakes, ditches, slow-moving streams, salt ponds, mudflats, irrigated cropland, and pasture by standing motionless or stalking prey slowly, then striking rapidly with its bill. Prey consists mainly of fish, but also includes

amphibians, snakes, snails, crustaceans, insects, and small mammals. Great egret roost communally in trees and typically rest during the day in or near the same habitat where it forages. This species usually nests from March through July. Great egret are sensitive to human intrusion into nesting colonies; high wind destroying eggs and nests; eggshell thinning from pesticides; and reduction of habitat from wetland drainage (DFG 2002).

Greater Sandhill Crane

Greater sandhill crane (*Grus Canadensis tabida*) is a California threatened, California fully protected, and United States Forest Service (USFS) sensitive species. This crane winters in the Butte County region, where it frequents annual and perennial grassland habitats, moist croplands with rice or corn stubble, and open emergent wetlands. Greater sandhill crane prefers to feed on open shortgrass plains, grain fields, and open wetlands, but also uses dry plains far from water. This crane has a varying diet, which includes grasses, forbs, cereal crops, roots, tubers, seeds, grains, earthworms, insects, mice, small birds, snakes, frogs, and crayfish. The sandhill crane uses its bill to probe the soil and rip prey to small pieces before being consumed. This species roosts in flocks at night in moist fields, shallow water, expansive dry grassland, island sites, and wide sandbars. Courtship begins in April, breeding peaks between May and June, and nesting is completed by late August. This species is particularly sensitive to human disturbance up to a mile away from nest sites and has lost foraging area to grazing (DFG 2002).

Lawrence's Goldfinch

Lawrence's goldfinch (*Carduelis lawrencei*) is a federal species of concern. This bird feeds mostly on seeds and an occasional insect. Trees, especially oaks, and shrubs are used for nesting, escape, and cover. Reproduction typically occurs in March and April. Competition with other avian species for nest sites contributes to the decline of this species (DFG 2002).

Lewis' Woodpecker

Lewis' woodpecker (*Melanerpes lewis*) is a federal species of concern. This bird feeds primarily on insects during the spring and summer, and fruits and berries in the fall and winter. Lewis' woodpecker uses cavities and foliage of trees and shrubs for cover. Reproduction occurs from early May through July, with a peak in late May and early June. Competition and loss of habitat contributes to the decline of this species (DFG 2002).

Loggerhead Shrike

Loggerhead shrike (*Lanius ludovicianus*) is a federal and California species of concern. This bird preys mostly on large insects, which it frequently skewers on thorns, sharp twigs, or barbwire to feed or cache for a later feeding. Loggerhead shrike use shrubs and small trees for cover. Reproduction occurs from March through May, but young remain in nests until July or August. Nest predation and possible eggshell thinning due to contamination contributes to the decline of this species (DFG 2002).

Long-billed Curlew

Long-billed curlew (*Numenius americanus*) is a federal and California species of concern. This species uses its long bill to probe into the substrate or to grab prey from mud surfaces. Inland prey includes insects, worms, spiders, berries, crayfish, snails, and small crustaceans. This bird typically roosts in coastal estuaries, but uses high salt marsh, pastures, and salt ponds during high tide periods. Breeding season for long-billed curlew occurs from mid-April to September.

4.4 BIOLOGICAL RESOURCES

Reduction in breeding range and increased agriculture contributes to the decline of this species (DFG 2002).

Nuttall's Woodpecker

Nuttall's woodpecker (*Picoides nuttalli*) is a species of local concern to the Sacramento Fish and Wildlife Office. This bird feeds mainly on beetles, but also eats fruits, poison oak seeds, nuts, and sap. Nuttall's woodpecker uses tree cavities and foliage of oak and riparian habitats for cover. Reproduction occurs from late March to early July, with peak activity from April to June. Loss of habitat and predation contribute to the decline of this species (DFG 2002).

Oak (Plain) Titmouse

Oak titmouse (*Baeolophus inornatus*) is a species of local concern. This bird eats insects, spiders, berries, acorns, and seeds that it gleans from twigs and branches of trees. Oak titmouse finds cover primarily in oak and pine-oak woodlands, but also in riparian habitats. Reproduction occurs from March to July, with peak activity in April and May. Predation by small mammals and hawks as well as nest predation contributes to the decline of this species (DFG 2002).

Red-breasted Sapsucker

Red-breasted sapsucker (*Sphyrapicus ruber*) is a federal species of concern. This bird feeds on insects, primarily ants, as well as sap and soft tissues from trees. Red-breasted sapsucker nest and roost in aspen, willow, birch, and orchard trees near streams. Reproduction for this species peaks from early June to early July. Loss of habitat contributes to the decline of this species (DFG 2002).

Rufous Hummingbird

Rufous hummingbird (*Selasphorus rufus*) is a federal species of concern. This bird takes nectar from a variety of flowering plants, but also eats insects, spiders, and tree sap. Trees and shrubs in several different habitats, including riparian, provide cover for this hummingbird. Reproduction occurs from late April through July. Predation and unseasonable cold weather that kills food sources contribute to the decline of this species (DFG 2002).

Swainson's Hawk

Swainson's hawk (*Buteo swainsoni*) is a California listed threatened species. This raptor catches prey in flight (not from a perch), including mice, gophers, ground squirrels, rabbits, amphibians, reptiles, other birds, and bats. Swainson's hawk roost in large trees and occasionally on the ground. Reproduction occurs from late March to late August, with peak activity from late May through July. Loss and/or disturbance of roost sites contribute to the decline of this species (DFG 2002).

Tricolored Blackbird

Tricolored blackbird (*Agelaius tricolor*) is a federal and California species of concern. This bird eats mainly insects and spiders in the spring and summer and seeds, grains, rice, and oats during the fall and winter. Tricolored blackbird roost in large flocks within emergent wetlands, trees, or shrubs. Typical breeding season occurs from mid April through late July, however breeding in the Sacramento Valley has been reported in October and November. Nest destruction as well as predation by mammals and other birds contribute to the decline of this species (DFG 2002).

Western Yellow-billed Cuckoo

Western yellow-billed cuckoo (*Coccyzus americanus occidentalis*) is a federal candidate for listing and a California listed endangered species. This bird preys mostly on insects, but also eats frogs, lizards, and fruit. Roosting sites consist of densely vegetated areas, typically with willows. Reproduction occurs from mid June to mid July. Loss of riparian habitat contributes to the decline of this species (DFG 2002).

White-tailed (Black-shouldered) Kite

White-tailed kite (*Elanus leucurus*) is a federal species of concern. This raptor preys primarily on voles and small mammals, but also eats other birds, insects, reptiles, and amphibians. Broad-leaved deciduous trees with dense canopies are typically used by this species for cover. Reproduction occurs from February to October, with peak activity from May to August. Nest predation and loss of habitat contribute to the decline of this species (DFG 2002).

Willow Flycatcher

Willow flycatcher (*Empidonax traillii*) is a California listed endangered species. This bird hunts from exposed perches for flying insects and occasionally eats berries and seeds. Willow flycatcher nest, roost, and hunt from dense willow thickets. Reproduction peaks in June, when egg laying most frequently occurs. Loss of habitat, grazing of willow by livestock, and cowbird parasitism contribute to the decline of this species (DFG 2002).

Sensitive Habitats

Sensitive habitats include a) areas of special concern to resource agencies, b) areas protected under the California Environmental Quality Act (CEQA), c) areas designated as sensitive natural communities by DFG, d) areas outlined in Section 1600 of the California Fish and Game Code, e) areas regulated under Section 404 of the federal Clean Water Act (CWA), and f) areas protected under local regulations and policies. Sensitive habitat at the project location includes potential jurisdictional waters of the United States requiring consultation with the US Army Corps of Engineers (USACE).

JURISDICTIONAL WATERS

In October 2002, Hanover performed a wetland delineation of the project site following guidelines outlined in the USACE wetland delineation manual (USACE 1987). **Figure 4.4-2** identifies wetlands on the project site. Hanover determined that 0.269 acres of potentially jurisdictional seasonal wetlands could be impacted from the proposed project (Hanover 2002). Additionally, they believe it likely that some of the wetlands are the product of over spray from the adjacent Wal-Mart landscape irrigation (Hanover 2002). Hanover's findings were submitted to the Sacramento office of the USACE for verification. The application was assigned identification number 200300094 for USACE processing. To date, no verification has been made. Should the onsite seasonal wetlands be determined (by USACE) to be jurisdictional Waters of the United States as defined in Title 33 of the Code of Federal Regulations (Clean Water Act), authorization (through the appropriate permit application) would be required from USACE for the proposed project to proceed.

4.4 BIOLOGICAL RESOURCES

WILDLIFE CORRIDORS

Wildlife corridors refer to established migration routes commonly used by resident and migratory species for passage from one geographic location to another. Corridors are present in a variety of habitats and link otherwise fragmented acres of undisturbed area. Maintaining the continuity of established wildlife corridors is important to a) sustain species with specific foraging requirements, b) preserve a species' distribution potential, and c) retain diversity among many wildlife populations. Therefore, resource agencies consider wildlife corridors to be a sensitive resource. Hanover identified the project site as being small in size within an urban location; as a result, no established wildlife corridors are expected to occur in the project area (Hanover 2003b). Consequently, wildlife corridors are not expected to be adversely affected by the proposed project.

4.4.2 Regulatory Framework

This section lists specific environmental review and consultation requirements and identifies permits and approvals that must be obtained from local, state, and federal agencies before construction of the proposed project.

FEDERAL

Federal Endangered Species Act

The federal Endangered Species Act (FESA) was enacted in 1973 to protect species that are endangered or threatened with extinction. FESA prohibits the "take" of a listed (endangered or threatened) species and defines "take" as harassing, harming, pursuing, hunting, shooting, wounding, killing, trapping, capturing, or collecting wildlife species or any attempt to engage in such conduct (16 USC 1531 et seq.; 50 CFR 17.1 et seq.). Section 7 of FESA directs all Federal agencies to conserve endangered and threatened species and, in consultation with the USFWS, to ensure that their actions (or actions under their jurisdiction) do not jeopardize listed species or adversely modify critical habitat. Section 10 of FESA directs private landowners, corporations, state and local governments, or other non-Federal landowners to develop a Habitat Conservation Plan (HCP) and obtain an incidental take permit from USFWS before conducting any activity on their land that potentially may harm (or "take") a listed species.

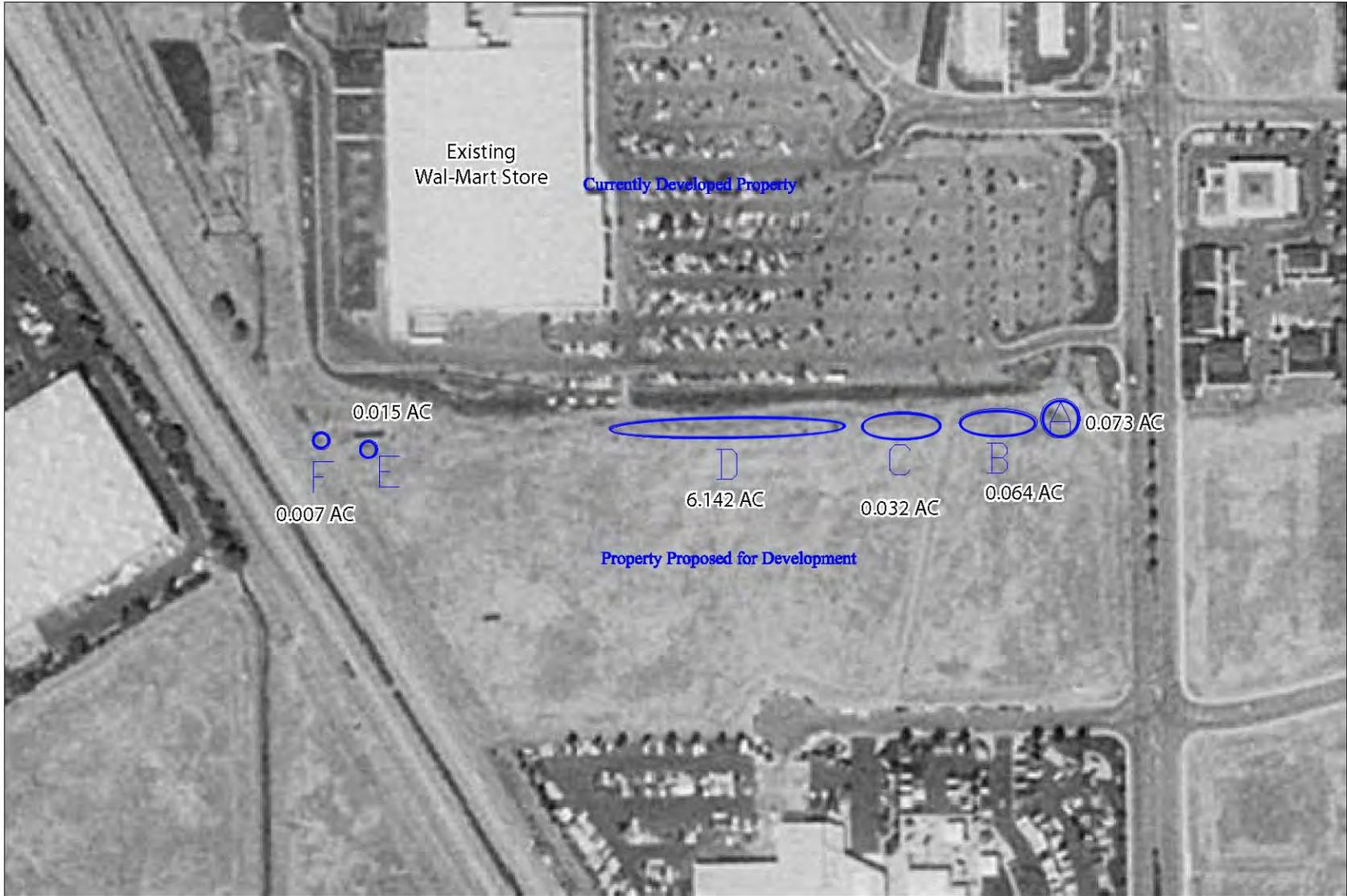
Migratory Bird Treaty Act

The Migratory Bird Treaty Act (MBTA) prohibits the taking, killing, possessing, or trading of migratory birds or their nests except in accordance with regulations prescribed by the USFWS and DFG (16 USC 703-711).

Clean Water Act

The Clean Water Act, as amended in 1977, established the basic structure for regulating discharges of pollutants into waters of the United States. Section 404 of the Clean Water Act requires U.S. Army Corps of Engineers authorization for the discharge of dredged or fill material into all waters of the United States, including adjacent and isolated wetlands. Discharge of fill material includes, but is not limited to: placement of fill that is necessary for the construction of any other structure, or impoundment requiring rock, sand, dirt, or other material for its construction; site-development fills for recreational, industrial, commercial, residential, and other uses; causeways or road fills; dams and dikes; artificial islands; property protection or

T:\Chico\Chico Wal-Mart\Graphic Development\All Files\Section 3.0\Revised Sept2006\Figure 4.4-2.dwg, September 2006



Source: Hanover Inc.



FIGURE 4.4-2
POTENTIAL WETLAND AREAS

reclamation devices such as riprap, groins, seawalls, breakwaters, and revetments; beach nourishment; levees; fill for intake and outfall pipes and subaqueous utility lines; fill associated with creation of ponds; dewatering of dredged material prior to final disposal; fills for access roadways, cofferdams, storage and work areas; and any other work involving the discharge of fill or dredged material (33 CFR 26). A Section 404 permit is required for both permanent and temporary discharges. Section 401 of the Clean Water Act requires any activity that may result in a discharge of a pollutant into waters of the United States comply with applicable regulatory water quality standards. The State Regional Water Quality Control Board administers Section 401 permits for these activities.

STATE

California Endangered Species Act

The California Endangered Species Act (CESA) was enacted in 1984 to ensure that actions under state agency jurisdiction do not jeopardize the existence of state-listed endangered or threatened species. Similar to the FESA, the CESA prohibits taking of state-listed endangered or threatened plants and wildlife. CESA requires state agencies to consult with the DFG when preparing CEQA documents for projects or actions potentially impacting listed species or special habitats. The DFG determines whether jeopardy of a state-listed species may occur and offers reasonable project alternatives or guidance for mitigation planning.

California Code of Regulations

In addition to formally listed species, many other species in California have regulatory protection under various sections of the California Code of Regulations enforced by the DFG. Species that may be considered for listing, due to declining numbers or threatened habitat, are protected as "rare" or "species of special concern." Certain species are also designated as "fully protected," which prevents take of an individual or their habitat unless for scientific purposes. In addition, the California Code of Regulations protects avian species by making it unlawful to take or possess migratory non-game birds, raptors, or the nest or eggs of any bird species.

Natural areas to be protected are also designated in the California Code of Regulations, including significant wildlife habitat, refuges, natural sloughs, riparian areas, and vernal pools. Waterways in particular are protected, such that, any project that may divert or obstruct the natural flow or substantially alter the bed, channel, or bank of any waterway is subject to regulatory review by the DFG.

California Native Plant Society

The CNPS maintains and publishes an Inventory of Rare and Endangered Vascular Plants of California. The Inventory presents information regarding native California plant species that show a declining population, limited distribution, or are considered by the scientific community to be threatened with extinction. Projects under CEQA review are required to address potential impact to CNPS-listed plants. CNPS definitions for listed plants are as follows:

List 1A: Plants believed extinct.

List 1B: Plants rare, endangered, or threatened in California and elsewhere.

List 2: Plants rare, endangered, or threatened in California, but more numerous elsewhere.

4.4 BIOLOGICAL RESOURCES

List 3: Plants about which we need more information.

List 4: Plants of limited distribution.

LOCAL

City of Chico General Plan

The City of Chico General Plan identifies open space and environmental conservation guidelines (City of Chico 1999). **Table 4.4-4** analyzes the proposed project with respect to City of Chico General Plan policies.

**TABLE 4.4-4
PROJECT CONSISTENCY WITH GENERAL PLAN BIOLOGICAL RESOURCES**

City of Chico General Plan Guiding Policy	Consistency with General Plan	Analysis
Policy OS-G-5: Protect habitats that are sensitive, rare, declining, unique or represent valuable biological resources in the Planning Area. These include Resource Conservation and Resource Management areas.	Consistent	The project area consists of valley grassland and riparian habitat within an urban setting. The area is subject to on-going disturbance and does not qualify as sensitive, rare, or unique. In addition, the project site is not identified as a Resource Conservation or Resource Management area in the City's General Plan.
Policy OS-G-6: Preserve and protect populations and supporting habitat of special status species within the Planning Area, including species that are state or federally-listed as Rare, Threatened, or Endangered, all federal "candidate" species for listing and other species on officially adopted federal and/or state listings, and all California Species of Special Concern.	Consistent, with mitigation	Conditions (i.e., location and disturbance) within the project area result in a limited suitability for potential wildlife species to occur. Special status species listed by the USFWS, DFG, and CNPS have been analyzed as part of this evaluation. No special status plant species were found to be impacted by the project. Impacts to raptors and migratory birds and wetlands were identified in Section 4.4. Implementation of the mitigation measures MM 4.4.4 and MM 4.4.5 will reduce project impact to a less than significant level.
Policy OS-G-7: Minimize impacts to sensitive natural habitats throughout the Planning Area.	Consistent, with mitigation	Refer to analysis for Policy OS-G-6.
OS-G-8: Preserve and protect areas determined to function as regional wildlife corridors, particularly those areas that provide natural connections permitting wildlife movement between designated sensitive habitats and all areas being considered for future conservation because of their high value.	Consistent	Established wildlife corridors have not been identified within the vicinity of the project area.
Policy OS-G-9: Provide for no net loss of overall wetland acreage; where such losses may be unavoidable at the project level, require mitigation that meets the no net loss goal.	Consistent, with mitigation	Refer to analysis for Policy OS-G-6.

Notes: CNPS = California Native Plant Society, USACE = US Army Corps of Engineers, DFG = California Department of Fish and Game, and USFWS = US Fish and Wildlife Service

4.4.3 IMPACTS AND MITIGATION MEASURES

A discussion of potential impacts and an evaluation of their significance to biological resources related to the proposed Wal-Mart expansion project are included in the following sections.

METHODOLOGY

Available information pertaining to biological resources potentially affected directly or indirectly by the proposed action within the vicinity of the project area, was reviewed during this analysis. References used are contained in the list of references at the conclusion of this section.

Hanover staff including, Ms. Lyna Black, a biologist/environmental scientist, Mr. Will Bishop, environmental regulatory specialist/wildlife biologist, and Dr. Kingsley Stern, botanist, surveyed the project area in October 2002 and April 2003. Field investigations included a general inspection of the project site to determine the presence or absence of special status species (Hanover 2003b). General observation survey techniques were used to note habitat and species within the area as well as survey for the presence of nests either in trees, shrubs, or burrows (Hanover 2003b).

STANDARDS OF SIGNIFICANCE

Impact to a biological resource is considered potentially significant if implementation of the project would result in any of the following:

- 1) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, endangered, threatened, or other special-status in local or regional plans, policies and regulations, or by the DFG or USFWS.
- 2) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies and regulations, or by the DFG or USFWS.
- 3) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, coastal, riverine, stream, marsh, vernal pool, etc.) through direct removal, filling, hydrological interruption, or other means.
- 4) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites.
- 5) Conflict with any local polices or ordinances protecting biological resources.
- 6) Result in fragmentation of an existing wildlife habitat, such as blue oak woodland or riparian, and an increase in the amount of edge with adjacent habitats.

An evaluation of the significance of potential impacts to biological resources must consider both direct effects to the resource as well as indirect effects in a local or regional context. Potentially significant impacts would generally result in the loss of a biological resource or obviously conflict with local, state, or federal agency conservation plans, goals, policies, or regulations. Actions that would potentially result in a significant impact locally may not be considered significant

4.4 BIOLOGICAL RESOURCES

under CEQA if the action would not substantially affect the resource on a population-wide or region-wide basis.

PROJECT IMPACTS AND MITIGATION MEASURES

Upon review of the proposed project in relation to the Standards of Significance, development of the site would not likely interfere with the movement of any fish or wildlife species or impede the use of native nursery sites or corridors. Also, this investigation revealed no adopted HCP for Butte County or conservation plans related to the project location. Therefore, no project-related impact to the movement of migratory wildlife would occur and the potential project would not conflict with any conservation plans.

Further consideration of the Standards of Significance results in potential impact from implementation of the proposed project and is discussed below.

Removal/Modification of Existing Habitat

Impact 4.4.1 Implementation of the proposed project would result in the removal of valley grassland habitat with scattered riparian vegetation. This would be considered a **less than significant** impact.

Development of the proposed Wal-Mart expansion project would result in the removal of approximately 11 acres of valley grassland habitat with isolated riparian vegetation and wetland community. Losses of vegetation would occur from direct removal and loss impacts associated with the construction and operation of the expanded Wal-Mart on Parcel 1 (including the Wal-Mart store, parking lot, landscaping and infrastructure) and eventually development of Parcel 2.

Valley grassland habitat is common throughout central California. Because the habitat is widely distributed, there are currently no federal, state, or local regulatory protections regarding removal of this vegetation community. The riparian vegetation and wetland community found onsite were isolated and affected by ongoing weed abatement activities from the surrounding urban areas, making this habitat a limited resource (Hanover 2003b). Loss of the common plant community with limited isolated riparian vegetation and wetland community at the project site would not constitute a significant impact to central California or Butte County. Therefore, impact to these habitat types is considered **less than significant**. Furthermore, impact to regionally and locally common wildlife species supported by these habitat types is also considered **less than significant** because direct loss and increased human disturbance is not likely to cause substantial adverse decline of their populations.

Mitigation Measures

None required.

Potential Disturbance of Habitat for Special-Status Plant Species

Impact 4.4.2 Implementation of the proposed project would result in temporary and direct alteration of site conditions that could support special-status plant species. This would be considered a **potentially significant** impact.

The project location is isolated and highly disturbed. No special-status plants were observed during field reconnaissance or any evidence of current or recent past presence of any special

status plants was indicated, and the botanical survey concluded that no special status plants are present on the site (Hanover 2003a). Therefore, alteration of the project site is considered a **less than significant** impact to special status plant species.

Mitigation Measures

None required.

Potential Disturbance of Raptors and Migratory Birds

Impact 4.4.3 Development of the proposed project could result in temporary and direct disturbance to nesting raptors and migratory birds (see the discussion in Section 4.4.1 under Listed and Special-status Animals). This would be considered a **potentially significant** impact.

Trees associated with the isolated riparian vegetation located at the project site as well as trees in the vicinity of the project area could provide nesting habitat for raptors and migratory birds. Habitat at the site also provides suitable foraging opportunities for many avian species, including some raptors (especially Swainson's hawk) and migratory birds. Raptors and raptor nests are considered to be a special resource by federal and state agencies and are protected under the MBTA and California Code of Regulations. All migratory birds are also protected under the MBTA. Project implementation would impact an area that potentially provides suitable habitat for these avian species.

Construction activities that require the disturbance of trees and vegetation could cause direct impact to nesting raptor and migratory birds. Removal of habitat at the project site would be considered a direct and significant impact if sensitive bird species were taken or deterred from traditional nesting locations. Construction could also result in noise, dust, increased human activity, and other indirect impacts to nesting raptors or migratory bird species in the project vicinity. Potential nest abandonment, mortality to eggs and chicks, as well as stress from loss of foraging areas would also be considered potentially significant impact.

Mitigation Measure

MM 4.4.3 If proposed grading, site preparation, or construction activities are planned to occur during the nesting seasons for local avian species (typically March 1st through August 31st), a focused survey shall be conducted by a qualified biologist, approved by the City of Chico, for active nests of raptors and migratory birds within and in the vicinity of (no less than 100-feet outside project boundaries, where possible) the construction area no more than 72 hours prior to ground disturbance. If an active nest is located during pre-construction surveys, USFWS and/or DFG (as appropriate) shall be notified regarding the status of the nest. Furthermore, construction activities shall be restricted, as necessary, to avoid disturbance of the nest until it is abandoned and the consulting regulatory agency deems disturbance potential to be minimal. Restrictions may include establishment of exclusion zones (no ingress of personnel or equipment) at a minimum radius of 100-feet around the nest) or alteration of the construction schedule.

If construction will occur during the nonbreeding season (generally September 1st through February 28th), a policy of avoidance and passive relocation (allowing an animal to move out of harms way without any purposeful interference by

4.4 BIOLOGICAL RESOURCES

humans) for any wildlife found onsite shall be implemented for the duration of the project. The appropriate regulatory agency (USFWS or DFG) shall be contacted regarding any species of wildlife that do not passively relocate from the project area.

Timing/Implementation: No more than 72 hours prior to the onset of construction activities.

Enforcement/Monitoring: City of Chico Planning Division and Engineering Division Staff.

Implementation of the above mitigation measure would reduce impacts to nesting raptors (including Swainson's hawk) and migratory birds to a **less than significant** level.

Waters of the United States

Impact 4.4.4 Implementation of the proposed project would potentially fill jurisdictional waters of the United States. This is considered a **potentially significant** impact.

A wetland delineation identified 0.269 acres of potentially jurisdictional wetlands located at the project site (Hanover 2002). Because there are potentially jurisdictional waters that the proposed project would impact by filling, project activities could possibly be regulated by USACE under Section 404 of the Clean Water Act. Therefore, loss of waters of the United States at the project site is considered a potentially significant impact.

Mitigation Measure

MM 4.4.4 The project applicant shall consult with USACE to verify the original wetland delineation processed under identification number 200300094. If the USACE verifies the delineation and determines wetlands at the project location are deemed to be jurisdictional, the appropriate permits (e.g., Section 404) under the Clean Water Act shall be obtained prior to issuance of grading permits.

The project applicant shall comply with all permit conditions (established by USACE) to compensate for potential impact to any jurisdictional waters.

Additionally, the project applicant shall comply with the City of Chico 'no net loss of wetlands' policy (05-G-9). This can be achieved by paying in-lieu mitigation fees to the City, which will be used to purchase credits at an approved mitigation bank.

Timing/Implementation: Prior to approval of the grading permit.

Enforcement/Monitoring: City of Chico Planning Division and Engineering Division Staff.

Implementation of the above mitigation measure would reduce impacts to jurisdictional waters of the United States to a **less than significant** level.

CUMULATIVE SETTING, IMPACTS, AND MITIGATION MEASURES

This section addresses cumulative impacts from the proposed project and other related projects within the project vicinity.

CUMULATIVE SETTING

When considering the cumulative biological effects of a proposed project, the setting is based on a regional area and not necessarily on a project specific site, as biological resources are not limited to one specific area and changes in other areas may affect resources on the project site. The cumulative setting for the proposed Wal-Mart Expansion project is much the same as the existing setting in the sense that it takes into account the regional area, as well as the project site. This cumulative analysis considered other related projects within the general vicinity of the project site. Issues on the project site which may be affected by cumulative development are the potential for damage to and removal of possible nesting sites and wetlands. Refer to Region Setting at the beginning of this section for a description of the cumulative setting.

CUMULATIVE IMPACT AND MITIGATION MEASURES

Disturbance to Special-Status Species, Critical Habitats, and Interference with Wildlife Movement

Impact 4.4.5 Development of the project in addition to anticipated cumulative development conditions in the project vicinity would result in disturbance to critical riparian habitat and wetlands throughout the region. These impacts are considered **potentially cumulative significant**.

As presented in the impact discussions above (see Impacts 4.4.1 through MM 4.4.5), implementation of the proposed project would result in a loss of habitat and contribute to biological resource impacts, including potential disturbance of raptors and migratory bird species and potential disturbance to jurisdictional waters of the United States. Anticipated development and urban expansion of the area is expected to further contribute to these impacts and is considered potentially cumulative significant for impact to biological resources.

Mitigation Measures

MM 4.4.5 Implement mitigation measures **MM 4.4.3** and **MM 4.4.4**.

Implementation of these mitigation measures would reduce the overall contribution to cumulative biological resource impacts resulting from construction of the project. Therefore, proposed project contributions to the potential loss and/or restriction of biological resources in the region are considered **less than significant**.

4.4 BIOLOGICAL RESOURCES

REFERENCES

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WETLANDS DELINEATION
Duncan Shopping Center Expansion
Forest Avenue
Chico, Butte County, California
PAC101B

For
PACLAND
Mr. Bill Dunning, P.E.
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28 October 2002

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1.0 Introduction

This report describes a wetland delineation performed on an 11.05 acre lot located along the west side of Forest Avenue, north of Talbert Dr. within the City of Chico, Butte County, CA (Section 31, T22N, R2E), hereafter referred to as the "subject property" or "site", (see Figure 1, Site Location Map). The elevation of the subject property is approximately 220-225 feet above mean sea level (msl). The proposed project includes a 97,675 square foot expansion of the existing Wal-Mart Shopping Center structure and 8.51 acre expansion of the lot. Figure 2, Wetlands Delineation, shows the extent of the delineations and acreage of impacted wetlands.

The study involved an examination of soils, vegetation, and hydrological features of the site and a determination of their wetland characteristics according to the Corps of Engineers Wetlands Delineation Manual (1987). This work was performed in October 2002 by Ms. Lyna Black, biologist and Ms. Mary Bailey, consulting botanist at the request of Mr. Bill Dunning at PACLAND, 606 Columbia Street NW, Suite 106, Olympia, WA 98501.

This report addresses the nature and landscape position of the wetlands on the site; it does not provide information suitable for structural analyses of soils for construction purposes, flood plain delineation, or other purposes not expressly stated.

2.0 Site Conditions

Lithology at the site is classified as the upper member of the Modesto Formation (Pleistocene) (Helley and Harwood, 1985). The upper member of the Modesto Formation is classified as unconsolidated, unweathered gravel, sand, silt, and clay. It forms alluvial fans along the east side of the Sacramento Valley from Red Bluff to Oroville. Soils at the top of the upper member have A/C horizon profiles. Deposits belonging to the upper member of the Modesto are only a few meters thick and generally form a thin veneer deposited on older alluvial deposits. (Helley and Harwood).

The subject property is currently a vacant lot located between the existing Wal-Mart shopping center to the north and Wittmeier Auto Center to the south. Forest Avenue bounds the property to the east and Highway 99 to the west. A majority of the property is relatively flat with areas that appear to have been disked on a regular basis. The site is characterized by native and nonnative grasses with small willows and cottonwoods located along the northern property border. The nearest surface water is Crouch Ditch located approximately 1000 feet south of the subject property.

The study was focused on seven potential wetland areas. The majority of the areas on the property that supported green vegetation this late in the year were located closest to the existing Wal-Mart site and were likely the product of over spray from the adjacent landscape irrigation. Three potential wet areas were identified on the site that did not appear to be influenced by the landscape irrigation. Areas A, B, C1, C2, D, E, and F were investigated for the presence of wetland indicators.

2.1 Hydrology

The topography of the site slopes toward the southeast at a rate of approximately 0.01 vertical feet per linear foot, therefore movement of any surface water across the site would likely occur toward the drainages for Highway 99 and ultimately outfall to the City of Chico stormwater retention ponds located on Fair Street west of Highway 99. Teichert Ponds are located approximately 4000 feet northeast of the subject property at an elevation of 220-225 feet msl and likely influence groundwater levels in the vicinity of the subject property. Teichert Ponds consists of 35 acres of swampland, located on the east side of Highway 99 north of E. 20th St. that was inadvertently formed during excavation activities for the construction of Highway 99.

A site inspection was conducted approximately three weeks prior to performing the wetland delineation. At that time, standing water was observed in several locations along the northern property boundary (closest to the existing landscape for Wal-Mart). Interviews with PACLAND representatives revealed that an irrigation pipe had likely been compromised during recent disking, resulting in saturated and/or ponded conditions. The irrigation pipes for that vicinity of the property were decommissioned approximately two weeks prior to the wetland delineation and saturation/ponding was not observed during delineation activities.

2.2 Soils

Preliminary soils information was provided by the USDA Natural Resources Conservation Service, Butte County Soil Survey office. The data identified soils in the vicinity of the subject property as Tentative Map Unit Number 300 and 336, Redsluff gravelly loam and Galt clay. Soil taxonomy (subgroup) was identified by the Butte County Soil Survey representative as Mollic haploxeralf and Aquic durixererts, respectively. Galt clay is considered a hydric soil as it is classified as a "somewhat poorly drained" soil with an aquic subgroup and is frequently ponded for a long duration during the growing season (verbal communication, Burkett, 10/17/02). Ponding on Galt clay occurs frequently for long periods from December through March at depths as much as 12 inches above the surface. The growing season for the Chico area is defined as February through October. See Appendix B for soils descriptions as provided by the Butte County Soil Survey office.

2.3 Vegetation

Vegetation on the majority of the subject property was typical of disturbed upland grasslands and supported upland grasslands, perennial, and seasonal wetland communities. The communities coincided with areas of previously observed ponding and hydric soil indicators identified during the delineation procedures. Terminology and taxonomy follow the Jepson Manual (Hickman, 1993).

Wetland Plant Communities:

Cottonwood (*Populus fremontii*), Sandbar Willow (*Salix exigua*), Marshpepper Smartweed (*Polygonum hydropiper*), Purple Lovegrass (*Eragrostis pectinacea*), Tall Flatsedge (*Cyperus eragrostis*), Barnyard Grass (*Echinochloa crusgalli*), Red Willow (*Salix laevigata*), Rough Cockle-bur (*Xanthium strumarium*), Spikerush (*Eleocharis* sp.), Shining Willow (*Salix lucida*), Curly Dock (*Rumex crispus*)

Upland Plant Communities:

Johnson Grass (*Sorghum halepense*), Oats (*Avena* sp.), Annual Ryegrass (*Lolium multiflorum*), Barley (*Hordeum leporinum*), Willow-leaved Lettuce (*Lactuca saligna*), Soft Chess (*Bromus hordeaceus*)

3.0 Delineation

3.1 Procedures

Aerial photographs of the site taken in August 1998 and February 2002 were examined for wetland signature. The site was traversed on foot to identify potential wetland areas. The wetland-upland boundary was determined based on the presence or inference of positive indicators of all mandatory criteria. Standard data sheets (Appendix A) were used to describe plants, soils, and hydrological characteristics.

The site was delineated on a 1: 120 aerial photograph (see Figure 2). Sampling sites are marked and numbered according to wetland area, as indicated on the attached delineation map.

3.2 Findings

Total impacted potential jurisdictional wetland acreage of the completed project will be 0.269 acres. While lower chroma soils were observed in Area B (sample identification B-W), vegetation and hydrology criterion for wetlands were absent. See Table 1 for the acreage of each area.

Area ID	Type of Community	Acreage
Area A	Seasonal wetland*	0.073
Area B	Upland	0.064
Area C	Seasonal wetland*	0.032
Area D	Seasonal wetland*	0.142
Area E	Seasonal wetland*	0.015
Area F	Seasonal wetland*	0.007
Total wetland area		0.269

* Potential Jurisdictional Season Wetlands

4.0 Wetland Mitigation for Impacts

The completion of the proposed project will result in filling approximately 0.269 acres of potential jurisdictional seasonal wetlands. Mitigation may be fulfilled by payment for the impacted acreage to an existing Butte County mitigation bank, located in Durham, CA.

References

Corps of Engineers Wetlands Delineation Manual. 1987. U.S. Army Corps of Engineers Waterways Experiment Station, Vicksburg, MS. Tech. Rpt. Y87-1.

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Figure 1: Site Location Map

Site Location Map

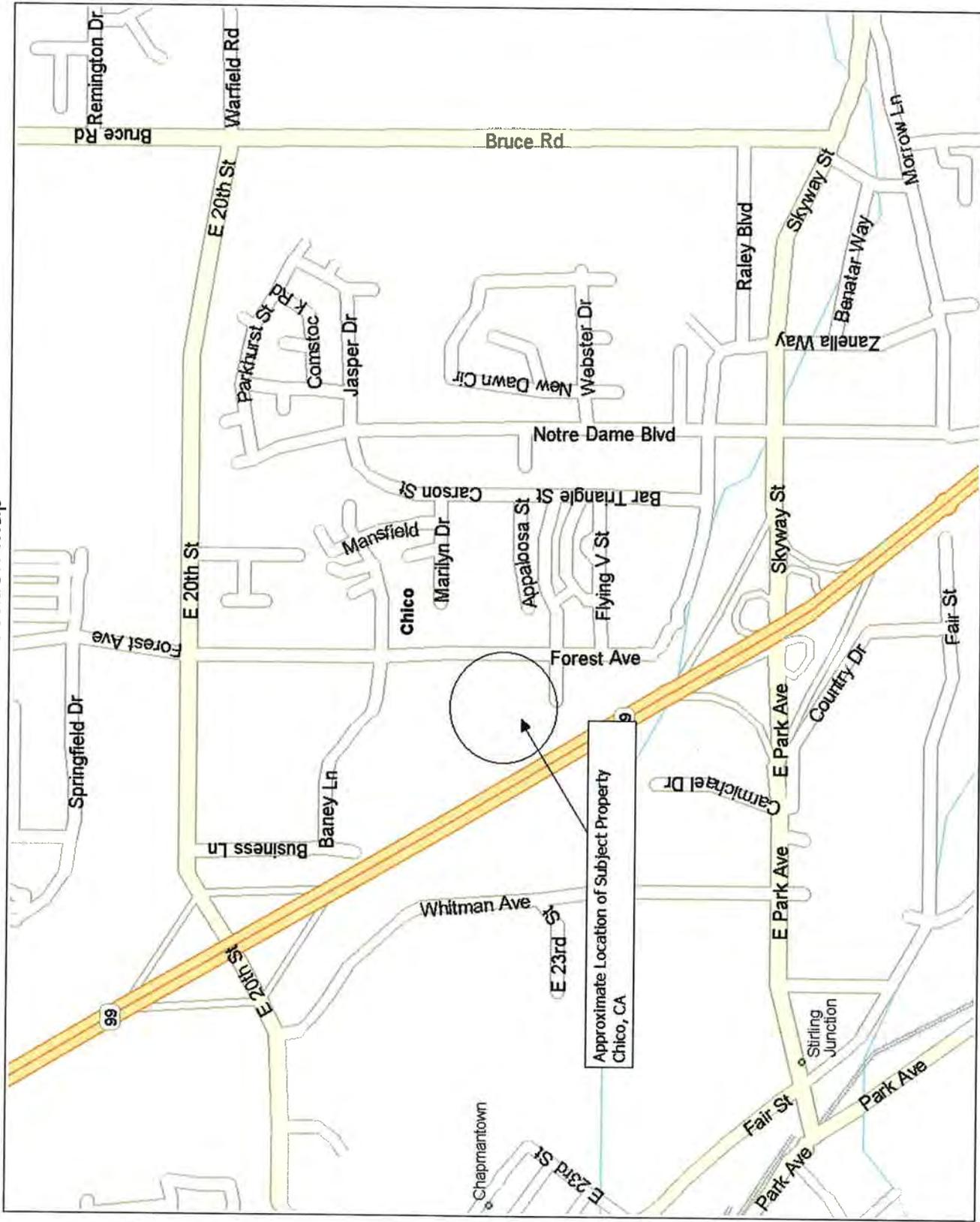


Figure 2: Wetlands Delineations



0.007 acres

ew

0.015 acres

eu

0.142 acres

d1 w

0.022 acres

bw

au

0.013 acres

fw

d2 w

0.010 acres

cw

0.064 acres

aw


 boundary of site
 soil survey point

50 0 50 100 150 Feet

boundaries and points taken by GPS on 10-10-02

Appendix A: Wetlands Delineations Data Sheets

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

A-U

Project/Site: <u>PAC 101 / w2s1 - Mart</u>	Date: <u>10/9/02</u>
Applicant/Owner: <u>PACLAND</u>	County: <u>Butte Co.</u>
Investigator(s): <u>M. Wiley / L. Black</u>	State: <u>CA</u>
Do normal circumstances exist on site? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Community ID: <u>A</u>
Is the site significantly disturbed (atypical situation)? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Transect ID: _____
Is the area a potential problem area? (If needed, explain on reverse.) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Plot ID: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Sorghum halepense</u>	<u>herb</u>	<u>FACU</u>	9. _____	_____	_____
2. <u>Avena sp</u>	<u>herb</u>	<u>U</u>	10. _____	_____	_____
3. _____	_____	_____	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

* Dominant Species

Percent of dominant species that are OBL, FACW or FAC (excluding FAC-): _____

Remarks:

HYDROLOGY

<p>___ Recorded Data (Describe in Remarks):</p> <p style="margin-left: 20px;">___ Stream, Lake, or Tide Gauge</p> <p style="margin-left: 20px;">___ Aerial Photographs</p> <p style="margin-left: 20px;">___ Other</p> <p>___ No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: <u>None</u> (in.)</p> <p>Depth to Free Water in Pit: <u>None</u> (in.)</p> <p>Depth to Saturated Soil: <u>None</u> (in.)</p>	<p>Wetland Hydrology Indicators</p> <p>Primary Indicators:</p> <p>___ Inundated</p> <p>___ Saturated in Upper 12 Inches</p> <p>___ Water Marks</p> <p>___ Drift Lines</p> <p>___ Sediment Deposits</p> <p>___ Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p>___ Oxidized Root Channels in Upper 12 Inches</p> <p>___ Water-Stained Leaves</p> <p>___ Local Soil Survey Data</p> <p>___ FAC-Neutral Test</p> <p>___ Other (Explain in Remarks)</p>
Remarks:	

SOILS

Map Unit Name
(Series and Phase): Redgluff gravelly loam/ salt clay

Drainage Class: m. well dr / g. poorly dr
Field Observations
Confirm Mapped Type? Yes No

Taxonomy (Subgroup): Mollis horoloxeralf / Aquic durixerents

Profile Descriptions:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
2"	A	7.5 YR 3/3	NA	NA	Gravelly clay, loam

Hydric Soil Indicators:

- | | |
|------------------------------------------------------|-------------------------------------------------------------------------------|
| <input type="checkbox"/> Histosol | <input type="checkbox"/> Concretions |
| <input type="checkbox"/> Histic Epipedon | <input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils |
| <input type="checkbox"/> Sulfidic Odor | <input type="checkbox"/> Organic Streaking in Sandy Soils |
| <input type="checkbox"/> Aquic Moisture Regime | <input type="checkbox"/> Listed on Local Hydric Soils List |
| <input type="checkbox"/> Reducing Conditions | <input type="checkbox"/> Listed on National Hydric Soils List |
| <input type="checkbox"/> Gleyed or Low-Chroma Colors | <input type="checkbox"/> Other (Explain in Remarks) |

Remarks: soils extremely dry, baked

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes	<input checked="" type="radio"/> No (Circle)	Is this sampling point within a wetland?	Yes	<input checked="" type="radio"/> No (Circle)	
Wetland Hydrology Present?	Yes	<input checked="" type="radio"/> No (Circle)		Remarks:		
Hydric Soils Present?	Yes	<input checked="" type="radio"/> No (Circle)				

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

A-W

Project/Site: <u>PAC 101 / Wal-Mart</u>	Date: <u>10/9/02</u>
Applicant/Owner: <u>WALMART</u>	County: <u>Butte Co.</u>
Investigator(s): <u>M. Bailey / L. Black</u>	State: <u>CA</u>
Do normal circumstances exist on site? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Community ID: <u>A</u>
Is the site significantly disturbed (atypical situation)? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Transect ID: _____
Is the area a potential problem area? (If needed, explain on reverse.) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Plot ID: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Paspalum dilatatum</u>	<u>herb</u>	<u>FAC</u>	9. _____	_____	_____
2. <u>Eragrostis pectinacea</u>	<u>herb</u>	<u>FAC</u>	10. _____	_____	_____
3. <u>Polygonum hydroper</u>	<u>herb</u>	<u>DBL</u>	11. _____	_____	_____
4. <u>Populus fremontii</u>	<u>tree</u>	<u>FACW</u>	12. _____	_____	_____
5. <u>Salix exigua</u>	<u>shrub</u>	<u>OBL</u>	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

* Dominant Species

Percent of dominant species that are OBL, FACW or FAC (excluding FAC-). 100%

Remarks:

HYDROLOGY

<p><input type="checkbox"/> Recorded Data (Describe in Remarks):</p> <p style="margin-left: 20px;"><input type="checkbox"/> Stream, Lake, or Tide Gauge</p> <p style="margin-left: 20px;"><input type="checkbox"/> Aerial Photographs</p> <p style="margin-left: 20px;"><input type="checkbox"/> Other</p> <p><input type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: <u>None</u> (in.)</p> <p>Depth to Free Water in Pit: <u>None</u> (in.)</p> <p>Depth to Saturated Soil: <u>None</u> (in.)</p>	<p>Wetland Hydrology Indicators</p> <p>Primary Indicators:</p> <p><input type="checkbox"/> Inundated</p> <p><input type="checkbox"/> Saturated in Upper 12 Inches</p> <p><input type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> Drift Lines</p> <p><input type="checkbox"/> Sediment Deposits</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input checked="" type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
<p>Remarks: <u>Soil moist to surface</u></p>	

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

B-W

Project/Site: <u>PAC 101 / Wal-Mart</u>	Date: <u>10/9/02</u>
Applicant/Owner: <u>PACLAND</u>	County: <u>Butte</u>
Investigator(s): <u>M. Bailey / L. Black</u>	State: <u>CA</u>
Do normal circumstances exist on site? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Community ID: <u>B</u>
Is the site significantly disturbed (atypical situation)? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Transect ID: _____
Is the area a potential problem area? (If needed, explain on reverse.) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Plot ID: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Cyperus eragrostis</u>	<u>herb</u>	<u>FACW</u>	9. _____	_____	_____
2. <u>Avena sp</u>	<u>herb</u>	<u>U</u>	10. _____	_____	_____
3. <u>Lolium multiflorum</u>	<u>herb</u>	<u>U</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

* Dominant Species

Percent of dominant species that are OBL, FACW or FAC (excluding FAC-): 33%

Remarks: Vegetation not carried

HYDROLOGY

<p>___ Recorded Data (Describe in Remarks):</p> <p style="margin-left: 20px;">___ Stream, Lake, or Tide Gauge</p> <p style="margin-left: 20px;">___ Aerial Photographs</p> <p style="margin-left: 20px;">___ Other</p> <p>___ No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: <u>None</u> (in.)</p> <p>Depth to Free Water in Pit: <u>None</u> (in.)</p> <p>Depth to Saturated Soil: <u>None</u> (in.)</p>	<p>Wetland Hydrology Indicators</p> <p>Primary Indicators:</p> <p style="margin-left: 20px;">___ Inundated</p> <p style="margin-left: 20px;">___ Saturated in Upper 12 Inches</p> <p style="margin-left: 20px;">___ Water Marks</p> <p style="margin-left: 20px;">___ Drift Lines</p> <p style="margin-left: 20px;">___ Sediment Deposits</p> <p style="margin-left: 20px;">___ Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p style="margin-left: 20px;">___ Oxidized Root Channels in Upper 12 Inches</p> <p style="margin-left: 20px;">___ Water-Stained Leaves</p> <p style="margin-left: 20px;">___ Local Soil Survey Data</p> <p style="margin-left: 20px;">___ FAC-Neutral Test</p> <p style="margin-left: 20px;">___ Other (Explain in Remarks)</p>
Remarks:	

SOILS

Map Unit Name
 (Series and Phase): Redstuff gravelly loam/Gait Clay

Taxonomy (Subgroup): Mollic haploxeralf/Aquic durixerents

mud well developed

Drainage Class: Somewhat poorly
 Field Observations
 Confirm Mapped Type? Yes No

Profile Descriptions:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
3-4"	A	7.5 YR 3/2	NA	NA	Clay loam

Hydric Soil Indicators:

- | | |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------|
| <input type="checkbox"/> Histosol | <input type="checkbox"/> Concretions |
| <input type="checkbox"/> Histic Epipedon | <input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils |
| <input type="checkbox"/> Sulfidic Odor | <input type="checkbox"/> Organic Streaking in Sandy Soils |
| <input type="checkbox"/> Aquic Moisture Regime | <input type="checkbox"/> Listed on Local Hydric Soils List |
| <input type="checkbox"/> Reducing Conditions | <input type="checkbox"/> Listed on National Hydric Soils List |
| <input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors | <input type="checkbox"/> Other (Explain in Remarks) |

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	<input checked="" type="radio"/> Yes	No (Circle)	Is this sampling point within a wetland?	<input checked="" type="radio"/> Yes	No
Wetland Hydrology Present?	<input checked="" type="radio"/> Yes	No			
Hydric Soils Present?	<input checked="" type="radio"/> Yes	No			

Remarks:

Seasonal wetland
 Soils: lower chroma, moist to surface

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

C-102

Project/Site: <u>PAC 101 / Wal-Mart</u>	Date: <u>10/9/02</u>
Applicant/Owner: <u>PACLAND</u>	County: <u>BuHe</u>
Investigator(s): <u>M. Bailey / L. Black</u>	State: <u>CA</u>
Do normal circumstances exist on site? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Community ID: <u>C</u>
Is the site significantly disturbed (atypical situation)? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Transect ID: _____
Is the area a potential problem area? (If needed, explain on reverse.) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Plot ID: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Sorghum halepense</u>	<u>herb</u>	<u>FACV</u>	9. _____	_____	_____
2. <u>Xanthium strumarium</u>	<u>herb</u>	<u>FACW</u>	10. _____	_____	_____
3. <u>Echinochloa crusgalli</u>	<u>herb</u>	<u>FACW</u>	11. _____	_____	_____
4. <u>Salix laevis</u>	<u>shrub</u>	<u>FACW</u>	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

* Dominant Species

Percent of dominant species that are OBL, FACW or FAC (excluding FAC-). 75%

Remarks:

HYDROLOGY

<p><input type="checkbox"/> Recorded Data (Describe in Remarks):</p> <p style="margin-left: 20px;"><input type="checkbox"/> Stream, Lake, or Tide Gauge</p> <p style="margin-left: 20px;"><input type="checkbox"/> Aerial Photographs</p> <p style="margin-left: 20px;"><input type="checkbox"/> Other</p> <p><input type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: <u>None</u> (in.)</p> <p>Depth to Free Water in Pit: <u>None</u> (in.)</p> <p>Depth to Saturated Soil: <u>None</u> (in.)</p>	<p>Wetland Hydrology Indicators</p> <p>Primary Indicators:</p> <p><input type="checkbox"/> Inundated</p> <p><input type="checkbox"/> Saturated in Upper 12 Inches</p> <p><input type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> Drift Lines</p> <p><input type="checkbox"/> Sediment Deposits</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input checked="" type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
<p>Remarks: <u>soil moist to surface</u></p>	

SOILS

Map Unit Name
 (Series and Phase): Redstuff gravelly loam/galt Clay

Taxonomy (Subgroup): Mollic haploxeralf/Aquic durixeralfs

mod. well drained

Drainage Class: some what poorly dr
 Field Observations
 Confirm Mapped Type? Yes No

Profile Descriptions:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
2-3'	A	7.5 YR 3/2	NA	NA	Gravelly loam

Hydric Soil Indicators:

- | | |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------|
| <input type="checkbox"/> Histosol | <input type="checkbox"/> Concretions |
| <input type="checkbox"/> Histic Epipedon | <input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils |
| <input type="checkbox"/> Sulfidic Odor | <input type="checkbox"/> Organic Streaking in Sandy Soils |
| <input type="checkbox"/> Aquic Moisture Regime | <input type="checkbox"/> Listed on Local Hydric Soils List |
| <input type="checkbox"/> Reducing Conditions | <input type="checkbox"/> Listed on National Hydric Soils List |
| <input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors | <input type="checkbox"/> Other (Explain in Remarks) |

Remarks: soil dry, baked

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes	<input checked="" type="radio"/> No (Circle)	Is this sampling point within a wetland?	Yes	<input checked="" type="radio"/> No (Circle)
Wetland Hydrology Present?	Yes	<input checked="" type="radio"/> No		Yes	<input checked="" type="radio"/> No
Hydric Soils Present?	Yes	<input checked="" type="radio"/> No			

Remarks: Not a wetland

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

D1-w

Project/Site: <u>PAC 101 / Wal-Mart</u>	Date: <u>12/19/02</u>
Applicant/Owner: <u>PACLAND</u>	County: <u>Butte</u>
Investigator(s): <u>M. Bailey / L. Black</u>	State: <u>CA</u>
Do normal circumstances exist on site? Yes <input checked="" type="radio"/> No	Community ID: <u>D</u>
Is the site significantly disturbed (atypical situation)? <input checked="" type="radio"/> Yes No	Transect ID: _____
Is the area a potential problem area? (If needed, explain on reverse.) <input checked="" type="radio"/> Yes No	Plot ID: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Eleocharis sp.</u>	<u>herb</u>	<u>OBL</u>	9. _____	_____	_____
2. <u>Sorghum halepense</u>	<u>herb</u>	<u>FACU</u>	10. _____	_____	_____
3. <u>Salix lucida ssp</u>	_____	_____	11. _____	_____	_____
4. <u>la siandra</u>	<u>shrub</u>	<u>OBL</u>	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

* Dominant Species

Percent of dominant species that are OBL, FACW or FAC (excluding FAC-). 66-67%

Remarks:

HYDROLOGY

<p><input type="checkbox"/> Recorded Data (Describe in Remarks):</p> <p style="margin-left: 20px;"><input type="checkbox"/> Stream, Lake, or Tide Gauge</p> <p style="margin-left: 20px;"><input type="checkbox"/> Aerial Photographs</p> <p style="margin-left: 20px;"><input type="checkbox"/> Other</p> <p><input type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: <u>None</u> (in.)</p> <p>Depth to Free Water in Pit: <u>None</u> (in.)</p> <p>Depth to Saturated Soil: <u>None</u> (in.)</p>	<p>Wetland Hydrology Indicators</p> <p>Primary Indicators:</p> <p><input type="checkbox"/> Inundated</p> <p><input type="checkbox"/> Saturated in Upper 12 Inches</p> <p><input type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> Drift Lines</p> <p><input type="checkbox"/> Sediment Deposits</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input checked="" type="checkbox"/> FAC-Neutral Test</p> <p><input checked="" type="checkbox"/> Other (Explain in Remarks)</p>
<p>Remarks: <u>soil moist to surface</u></p>	

SOILS

Map Unit Name
 (Series and Phase): Redzuff gravelly loam / Galt Clay mat. well drained
 Drainage Class: Somewhat poorly dr.
 Taxonomy (Subgroup): Mollic haploxerealf / Aquic durixerents
 Field Observations
 Confirm Mapped Type? Yes No

Profile Descriptions:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
3-4"	A	7.5 YR 3/2	NA	NA	Gravelly clay loam

Hydric Soil Indicators:

- | | |
|------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| <input type="checkbox"/> Histosol | <input type="checkbox"/> Concretions |
| <input type="checkbox"/> Histic Epipedon | <input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils |
| <input type="checkbox"/> Sulfidic Odor | <input type="checkbox"/> Organic Streaking in Sandy Soils |
| <input type="checkbox"/> Aquic Moisture Regime | <input type="checkbox"/> Listed on Local Hydric Soils List |
| <input type="checkbox"/> Reducing Conditions | <input type="checkbox"/> Listed on National Hydric Soils List |
| <input checked="" type="checkbox"/> Gleyed or <u>Low-Chroma</u> Colors | <input checked="" type="checkbox"/> Other (Explain in Remarks) |

Remarks: Soil moist to surface

WETLAND DETERMINATION

Hydrophytic Vegetation Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Circle)	Is this sampling point within a wetland? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Circle)
Wetland Hydrology Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Hydric Soils Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Remarks: Seasonal wetland

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

D2-w

Project/Site: <u>PAC 101 / Wal-Mart</u>	Date: <u>10/19/02</u>
Applicant/Owner: <u>PACLAND</u>	County: <u>Butte</u>
Investigator(s): <u>M. Baileu / L. Black</u>	State: <u>CA</u>
Do normal circumstances exist on site? Yes <input type="radio"/> No <input checked="" type="radio"/>	Community ID: <u>D</u>
Is the site significantly disturbed (atypical situation)? Yes <input checked="" type="radio"/> No <input type="radio"/>	Transect ID: _____
Is the area a potential problem area? (If needed, explain on reverse.) Yes <input checked="" type="radio"/> No <input type="radio"/>	Plot ID: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Cyperus eragrostis</u>	<u>herb</u>	<u>FACW</u>	9. _____	_____	_____
2. <u>Rumex crispus</u>	<u>herb</u>	<u>FACW</u>	10. _____	_____	_____
3. _____	_____	_____	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

* Dominant Species

Percent of dominant species that are OBL, FACW or FAC (excluding FAC-): 100%

Remarks:

HYDROLOGY

<p>___ Recorded Data (Describe in Remarks):</p> <p style="margin-left: 20px;">___ Stream, Lake, or Tide Gauge</p> <p style="margin-left: 20px;">___ Aerial Photographs</p> <p style="margin-left: 20px;">___ Other</p> <p>___ No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: <u>None</u> (in.)</p> <p>Depth to Free Water in Pit: <u>None</u> (in.)</p> <p>Depth to Saturated Soil: <u>None</u> (in.)</p>	<p>Wetland Hydrology Indicators</p> <p>Primary Indicators:</p> <p>___ Inundated</p> <p>___ Saturated in Upper 12 Inches</p> <p>___ Water Marks</p> <p>___ Drift Lines</p> <p>___ Sediment Deposits</p> <p>___ Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input checked="" type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p>___ Water-Stained Leaves</p> <p>___ Local Soil Survey Data</p> <p><input checked="" type="checkbox"/> FAC-Neutral Test</p> <p>___ Other (Explain in Remarks)</p>
Remarks:	

SOILS

Map Unit Name
(Series and Phase): Red bluff gravelly loam Galt clay

mod. well drained

Drainage Class: mod. well drained
Field Observations
Confirm Mapped Type? Yes No

Taxonomy (Subgroup): Mollis haplicera-f/ Aquic duricrusts

Profile Descriptions:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
3-4	A	7.5 YR 3/2	NA	NA	Gravelly clay loam

Hydric Soil Indicators:

- | | |
|------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| <input type="checkbox"/> Histosol | <input type="checkbox"/> Concretions |
| <input type="checkbox"/> Histic Epipedon | <input type="checkbox"/> High Organic Content In Surface Layer in Sandy Soils |
| <input type="checkbox"/> Sulfidic Odor | <input type="checkbox"/> Organic Streaking in Sandy Soils |
| <input type="checkbox"/> Aquic Moisture Regime | <input type="checkbox"/> Listed on Local Hydric Soils List |
| <input type="checkbox"/> Reducing Conditions | <input type="checkbox"/> Listed on National Hydric Soils List |
| <input checked="" type="checkbox"/> Gleyed or <u>Low-Chroma</u> Colors | <input type="checkbox"/> Other (Explain In Remarks) |

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present?
Wetland Hydrology Present?
Hydric Soils Present?

Yes No (Circle)
 Yes No
 Yes No

Is this sampling point within a wetland? Yes No

Remarks:

Seasonal wetland

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

E-W

Project/Site: <u>PAC 101 / Wal-Mart</u>	Date: <u>10/9/02</u>
Applicant/Owner: <u>PACLAND</u>	County: <u>Butte</u>
Investigator(s): <u>M. Bailey / L. Black</u>	State: <u>CA</u>
Do normal circumstances exist on site? Yes <input type="radio"/> No <input checked="" type="radio"/>	Community ID: <u>E</u>
Is the site significantly disturbed (atypical situation)? Yes <input checked="" type="radio"/> No <input type="radio"/>	Transect ID: _____
Is the area a potential problem area? (If needed, explain on reverse.) Yes <input checked="" type="radio"/> No <input type="radio"/>	Plot ID: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Cyperus eragrostis</u>	<u>herb</u>	<u>FACW</u>	9. _____	_____	_____
2. <u>Echinochloa crusgalli</u>	<u>herb</u>	<u>FACW</u>	10. _____	_____	_____
3. <u>Sorghum halepense</u>	<u>herb</u>	<u>FACW</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

* Dominant Species

Percent of dominant species that are OBL, FACW or FAC (excluding FAC-). 60-67%

Remarks:

HYDROLOGY

<p>___ Recorded Data (Describe in Remarks):</p> <p style="margin-left: 20px;">___ Stream, Lake, or Tide Gauge</p> <p style="margin-left: 20px;">___ Aerial Photographs</p> <p style="margin-left: 20px;">___ Other</p> <p>___ No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: <u>None</u> (in.)</p> <p>Depth to Free Water in Pit: <u>None</u> (in.)</p> <p>Depth to Saturated Soil: <u>None</u> (in.)</p>	<p>Wetland Hydrology Indicators</p> <p>Primary Indicators:</p> <p style="margin-left: 20px;">___ Inundated</p> <p style="margin-left: 20px;">___ Saturated in Upper 12 Inches</p> <p style="margin-left: 20px;">___ Water Marks</p> <p style="margin-left: 20px;">___ Drift Lines</p> <p style="margin-left: 20px;">___ Sediment Deposits</p> <p style="margin-left: 20px;">___ Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p style="margin-left: 20px;">___ Oxidized Root Channels in Upper 12 Inches</p> <p style="margin-left: 20px;">___ Water-Stained Leaves</p> <p style="margin-left: 20px;">___ Local Soil Survey Data</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> FAC-Neutral Test</p> <p style="margin-left: 20px;">___ Other (Explain in Remarks)</p>
<p>Remarks:</p>	

SOILS

Map Unit Name
(Series and Phase): Redshuff gravelly loam / Redough - Semiswale / Salt Clay

most well drained

Drainage Class: Some wet or poorly dr
Field Observations

Taxonomy (Subgroup): Mollic haploxeralf / Aquic durisols

Confirm Mapped Type? Yes No

Profile Descriptions:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
3-4"	A	7.5 YR 3/2	7.5 YR 3/1	Common / faint	Gravelly clay loam

Hydric Soil Indicators:

- Histosol
- Histic Epipedon
- Sulfidic Odor
- Aquic Moisture Regime
- Reducing Conditions
- Gleyed or Low-Chroma Colors
- Concretions
- High Organic Content in Surface Layer in Sandy Soils
- Organic Streaking in Sandy Soils
- Listed on Local Hydric Soils List
- Listed on National Hydric Soils List
- Other (Explain in Remarks)

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	<input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)	Is this sampling point within a wetland?	<input checked="" type="radio"/> Yes <input type="radio"/> No (Circle)
Wetland Hydrology Present?	<input checked="" type="radio"/> Yes <input type="radio"/> No		
Hydric Soils Present?	<input checked="" type="radio"/> Yes <input type="radio"/> No		
Remarks: <p style="text-align: center;">Seasonal wetlands</p>			

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

F-w

Project/Site: <u>PAC 101/ Wal-Mart</u>	Date: <u>10/9/02</u>
Applicant/Owner: <u>PACLAND</u>	County: <u>Butte</u>
Investigator(s): <u>M. Baileu / L. Black</u>	State: <u>CA</u>
Do normal circumstances exist on site? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Community ID: <u>E</u>
Is the site significantly disturbed (atypical situation)? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Transect ID: _____
Is the area a potential problem area? (If needed, explain on reverse.) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Plot ID: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Eleocharis sp</u>	<u>herb</u>	<u>OBL</u>	9. _____	_____	_____
2. <u>Salix laevigata</u>	<u>shrub</u>	<u>FACW</u>	10. _____	_____	_____
3. _____	_____	_____	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

* Dominant Species

Percent of dominant species that are OBL, FACW or FAC (excluding FAC-): 100%

Remarks:

HYDROLOGY

<p><input type="checkbox"/> Recorded Data (Describe in Remarks):</p> <p style="margin-left: 20px;"><input type="checkbox"/> Stream, Lake, or Tide Gauge</p> <p style="margin-left: 20px;"><input type="checkbox"/> Aerial Photographs</p> <p style="margin-left: 20px;"><input type="checkbox"/> Other</p> <p><input type="checkbox"/> No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p>Depth of Surface Water: <u>None</u> (in.)</p> <p>Depth to Free Water in Pit: <u>None</u> (in.)</p> <p>Depth to Saturated Soil: <u>None</u> (in.)</p>	<p>Wetland Hydrology Indicators</p> <p>Primary Indicators:</p> <p><input type="checkbox"/> Inundated</p> <p><input type="checkbox"/> Saturated in Upper 12 Inches</p> <p><input type="checkbox"/> Water Marks</p> <p><input type="checkbox"/> Drift Lines</p> <p><input type="checkbox"/> Sediment Deposits</p> <p><input type="checkbox"/> Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p><input checked="" type="checkbox"/> Oxidized Root Channels in Upper 12 Inches</p> <p><input type="checkbox"/> Water-Stained Leaves</p> <p><input type="checkbox"/> Local Soil Survey Data</p> <p><input checked="" type="checkbox"/> FAC-Neutral Test</p> <p><input type="checkbox"/> Other (Explain in Remarks)</p>
<p>Remarks: <u>soil moist w/in 1/2" of surface</u></p>	

SOILS

mod. well drained

Map Unit Name
(Series and Phase): Red bluff gravelly loam/Salt Clay

Taxonomy (Subgroup): Mollic haploxeralf/Aquic durixeralf

Drainage Class: some what porous air

Field Observations

Confirm Mapped Type? Yes No

Profile Descriptions:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
3-4"	A	7.5 YR 3/2	5YR 3/4	Few/faint	silty clay loam

Hydric Soil Indicators:

<input type="checkbox"/> Histosol	<input type="checkbox"/> Concretions
<input type="checkbox"/> Histic Epipedon	<input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils
<input type="checkbox"/> Sulfidic Odor	<input type="checkbox"/> Organic Streaking in Sandy Soils
<input type="checkbox"/> Aquic Moisture Regime	<input type="checkbox"/> Listed on Local Hydric Soils List
<input type="checkbox"/> Reducing Conditions	<input type="checkbox"/> Listed on National Hydric Soils List
<input checked="" type="checkbox"/> Gleyed or Low-Chroma Colors	<input type="checkbox"/> Other (Explain in Remarks)

Remarks: Soil moist w/in 1" of surface

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	<input checked="" type="radio"/> Yes	No (Circle)	Is this sampling point within a wetland?	<input checked="" type="radio"/> Yes	No (Circle)	
Wetland Hydrology Present?	<input checked="" type="radio"/> Yes	No				
Hydric Soils Present?	<input checked="" type="radio"/> Yes	No				
Remarks: <u>Seasonal wetland</u>						

Approved by HQUSACE 3/92

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

E-U

Project/Site: <u>PAC 101 / Wal. Mirt</u>	Date: <u>10/19/02</u>
Applicant/Owner: <u>PACLAND</u>	County: <u>Bulle</u>
Investigator(s): <u>M. Bailey / L. Black</u>	State: <u>CA</u>
Do normal circumstances exist on site? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Community ID: <u>E</u>
Is the site significantly disturbed (atypical situation)? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Transect ID: _____
Is the area a potential problem area? (If needed, explain on reverse.) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Plot ID: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Hordeum leporinum</u>	<u>herb</u>	<u>U</u>	9. _____	_____	_____
2. <u>Lactuca saligna</u>	<u>herb</u>	<u>U</u>	10. _____	_____	_____
3. <u>Bromus hordeaceus</u>	<u>herb</u>	<u>U</u>	11. _____	_____	_____
4. _____	_____	_____	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

• Dominant Species

Percent of dominant species that are OBL, FACW or FAC (excluding FAC-): 0

Remarks:

HYDROLOGY

<p>___ Recorded Data (Describe in Remarks):</p> <p style="margin-left: 20px;">___ Stream, Lake, or Tide Gauge</p> <p style="margin-left: 20px;">___ Aerial Photographs</p> <p style="margin-left: 20px;">___ Other</p> <p>___ No Recorded Data Available</p> <hr/> <p>Field Observations:</p> <p style="margin-left: 20px;">Depth of Surface Water: <u>None</u> (in.)</p> <p style="margin-left: 20px;">Depth to Free Water in Pit: <u>None</u> (in.)</p> <p style="margin-left: 20px;">Depth to Saturated Soil: <u>None</u> (in.)</p>	<p>Wetland Hydrology Indicators</p> <p>Primary Indicators:</p> <p style="margin-left: 20px;">___ Inundated</p> <p style="margin-left: 20px;">___ Saturated in Upper 12 Inches</p> <p style="margin-left: 20px;">___ Water Marks</p> <p style="margin-left: 20px;">___ Drift Lines</p> <p style="margin-left: 20px;">___ Sediment Deposits</p> <p style="margin-left: 20px;">___ Drainage Patterns in Wetlands</p> <p>Secondary Indicators (2 or more required):</p> <p style="margin-left: 20px;">___ Oxidized Root Channels in Upper 12 Inches</p> <p style="margin-left: 20px;">___ Water-Stained Leaves</p> <p style="margin-left: 20px;">___ Local Soil Survey Data</p> <p style="margin-left: 20px;">___ FAC-Neutral Test</p> <p style="margin-left: 20px;">___ Other (Explain in Remarks)</p>
Remarks:	

SOILS

Map Unit Name
 (Series and Phase): Red bluff / Salt Clay

Taxonomy (Subgroup): Mollic haploxeralf / Aquic durixererts

mod. well drained /

Drainage Class: some what poorly dr
 Field Observations
 Confirm Mapped Type? Yes No

Profile Descriptions:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
3-4"	A	7.5YR 3/1	7.5YR 4/6	common/distinct	silty clay loam

Hydric Soil Indicators:

- | | |
|------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| <input type="checkbox"/> Histosol | <input type="checkbox"/> Concretions |
| <input type="checkbox"/> Histic Epipedon | <input type="checkbox"/> High Organic Content In Surface Layer In Sandy Soils |
| <input type="checkbox"/> Sulfidic Odor | <input type="checkbox"/> Organic Streaking in Sandy Soils |
| <input type="checkbox"/> Aquic Moisture Regime | <input type="checkbox"/> Listed on Local Hydric Soils List |
| <input type="checkbox"/> Reducing Conditions | <input type="checkbox"/> Listed on National Hydric Soils List |
| <input checked="" type="checkbox"/> Gleyed or <u>Low-Chroma</u> Colors | <input type="checkbox"/> Other (Explain in Remarks) |

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes No (Circle)
 Wetland Hydrology Present? Yes No
 Hydric Soils Present? Yes No

Is this sampling point within a wetland? Yes No

Remarks:

seasonal wetland

SOILS

Map Unit Name
 (Series and Phase): Redstuff / Salt Clay

Taxonomy (Subgroup): Mollic haploxeralf / Aquic durixerents

mod. well drainage
 Drainage Class: *some what poorly dr*
 Field Observations
 Confirm Mapped Type? Yes No

Profile Descriptions:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
4"	A	7.5 YR 3/3	NA	NA	Gravelly clay loam

Hydric Soil Indicators:

- | | |
|------------------------------------------------------|-------------------------------------------------------------------------------|
| <input type="checkbox"/> Histosol | <input type="checkbox"/> Concretions |
| <input type="checkbox"/> Histic Epipedon | <input type="checkbox"/> High Organic Content in Surface Layer in Sandy Soils |
| <input type="checkbox"/> Sulfidic Odor | <input type="checkbox"/> Organic Streaking in Sandy Soils |
| <input type="checkbox"/> Aquic Moisture Regime | <input type="checkbox"/> Listed on Local Hydric Soils List |
| <input type="checkbox"/> Reducing Conditions | <input type="checkbox"/> Listed on National Hydric Soils List |
| <input type="checkbox"/> Gleyed or Low-Chroma Colors | <input type="checkbox"/> Other (Explain in Remarks) |

Remarks: disked to 4"
Dry

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes	<input checked="" type="radio"/> No (Circle)	Is this sampling point within a wetland?	Yes	<input checked="" type="radio"/> No (Circle)
Wetland Hydrology Present?	Yes	<input checked="" type="radio"/> No			
Hydric Soils Present?	Yes	<input checked="" type="radio"/> No			
Remarks:					

Approved by HQUSACE 3/92

Appendix B: Soils Data

Pedon Restrictive Features:

Kind	Top Depth (in)	Bottom Depth (in)	Top Depth (cm)	Bottom Depth (cm)
Duripan	32	39	81	99

Field Measured Properties:**Pedon Notes:**

A1--0 to 3 inches, (0 to 8 cm); very dark grayish brown (10YR 3/2) clay, very dark grayish brown (10YR 3/2) moist; strong very fine angular blocky structure; extremely hard, friable, , very sticky, very plastic; common fine roots and many very fine roots; many very fine tubular pores; 2 percent 2 to 75 millimeter mixed rock fragments; slightly alkaline, pH 7.5 by Hellige-Truog; ; clear smooth boundary.

A2--3 to 13 inches, (8 to 33 cm); very dark grayish brown (10YR 3/2) clay, very dark grayish brown (10YR 3/2) moist; strong fine angular blocky and strong medium and coarse angular blocky structure; extremely hard, firm, , very sticky, very plastic; few fine roots and many very fine roots; many very fine tubular pores; 10 percent pressure faces; 2 percent 2 to 75 millimeter mixed rock fragments; slightly alkaline, pH 7.5 by Hellige-Truog; ; gradual smooth boundary.

A3--13 to 29 inches, (33 to 74 cm); very dark grayish brown (10YR 3/2) clay, very dark grayish brown (10YR 3/2) moist; strong medium and coarse angular blocky structure; extremely hard, firm, , very sticky, very plastic; common very fine roots; many very fine tubular pores; slickensides (pedogenic) and continuous pressure faces; 2 percent 2 to 75 millimeter mixed rock fragments; slightly alkaline, pH 7.5 by Hellige-Truog; ; gradual smooth boundary. HORIZON NOTE: cracks to 32 inches, 1 1/4 inches wide at 20 inches

A4--29 to 32 inches, (74 to 81 cm); dark brown (7.5YR 3/2) clay, dark brown (7.5YR 3/2) moist; moderate medium subangular blocky structure; extremely hard, firm, , very sticky, very plastic; few very fine roots; many very fine tubular pores; slickensides (pedogenic); 2 percent 2 to 75 millimeter mixed rock fragments; moderately alkaline, pH 8.0 by Hellige-Truog; ; clear smooth boundary.

2Bkqm--32 to 39 inches, (81 to 99 cm); brown (10YR 4/3); ; , ; strong effervescence;

LOCATION REDSLUFF

CA

Tentative Series

IRD: AEC/DWB/DWH/SBS

02/2000

REDSLUFF SERIES

The Redsluff series consists of very deep, moderately well drained soils that formed in alluvium from mixed sources. Redsluff soils are on low terraces. Slopes range from 0 to 2 percent. The mean annual precipitation is about 24 inches and the mean annual temperature is about 61 degrees F.

TAXONOMIC CLASS: Fine-loamy, mixed, superactive, thermic Mollic Haploxeralfs

TYPICAL PEDON: Redsluff gravelly loam on a less than 1 percent slope under a cover of annual grasses at an elevation of 184 feet. (Colors are for dry soil unless otherwise noted) When described on 5/14/97 the soil was dry throughout.

Ap--0 to 2 inches; light brown (7.5YR 6/3) gravelly loam, dark reddish brown (5YR 3/3) moist; weak medium subangular blocky structure parting to strong fine granular; slightly hard, friable, slightly sticky and slightly plastic; many very fine and few fine roots; many fine to coarse vesicular and tubular pores; 20.0 percent clay; 25 percent gravel; noneffervescent; slightly acid(pH 6.5); clear smooth boundary. (0 to 12 inches thick)

Bt1--2 to 5 inches; light brown (7.5YR 6/3) gravelly loam, dark reddish brown (5YR 3/3) moist; moderate fine and medium subangular blocky structure; slightly hard, friable, slightly sticky and slightly plastic; many very fine and few fine roots; common fine and medium tubular pores; 24.0 percent clay; common distinct continuous clay films on faces of peds; 25 percent gravel; noneffervescent; slightly acid(pH 6.5); clear wavy boundary.

Bt2--5 to 12 inches; brown (7.5YR 5/3) gravelly clay loam, dark reddish brown (5YR 3/3) moist; moderate medium subangular blocky structure; hard, very firm, moderately sticky and moderately plastic; common very fine and fine roots; many fine and medium tubular pores; 28.0 percent clay; many distinct continuous clay films on faces of peds; 15 percent gravel; noneffervescent; neutral(pH 6.7); gradual smooth boundary.

Bt3--12 to 21 inches; brown (7.5YR 5/3) gravelly loam, dark reddish brown (5YR 3/3) moist; moderate medium subangular blocky structure; slightly hard, friable, slightly sticky and slightly plastic; common very fine and fine roots; many very fine to medium tubular pores; 26.0 percent clay; many distinct continuous clay films throughout; 30 percent gravel; noneffervescent; neutral(pH 6.7); gradual smooth boundary.

Bt4--21 to 29 inches; light brown (7.5YR 6/3) gravelly loam, dark reddish brown (5YR 3/3) moist; moderate fine and medium subangular blocky structure; soft, very friable, slightly sticky and slightly plastic; common very fine and fine roots; many very fine and fine tubular pores; 21.0 percent clay; many distinct continuous clay films on faces of peds; 25 percent gravel; noneffervescent; neutral(pH 6.8); clear wavy boundary.

Bt5--29 to 37 inches; light brown (7.5YR 6/3) gravelly loam, brown (7.5YR 4/3) moist; weak fine and medium subangular blocky structure; soft, very friable, slightly sticky and slightly plastic; common very fine and fine roots; many very fine and fine tubular pores; 19.0 percent clay; many distinct continuous clay films on faces of peds and in pores; 25 percent gravel; noneffervescent; neutral(pH 7.0); clear smooth boundary.

Bt6--37 to 42 inches; light brown (7.5YR 6/3) extremely gravelly sandy loam, brown (7.5YR 4/3) moist; weak fine and medium subangular blocky structure; loose, nonsticky and nonplastic; common very fine and fine roots; many very fine and fine tubular pores; 15.0 percent clay; common faint continuous clay films on faces of peds; 40 percent gravel and 25 percent cobbles; noneffervescent; neutral(pH 7.0); abrupt smooth boundary. (Combined thickness of the Bt horizon is 30 to 65 inches thick)

Cq--42 to 80 inches; extremely gravelly loamy sand; single grain; loose, nonsticky and nonplastic; few very fine and fine roots; many very fine and fine interstitial pores; 1.0 percent clay; common fine and medium irregular rigid silica concretions under rock fragments; 45 percent gravel and 35 percent cobbles; noneffervescent; neutral(pH 7.0). (0 to 45 inches thick)

TYPE LOCATION: Butte County, California; about 0.38 miles East of the intersection of Keefer Road and Highway 99, approximately 1160 feet North and 2450 feet East of the Southwest corner of Section 30, Township 23N, Range 1E, Mount Diablo Meridian; USGS Nord topographic quadrangle; lat. 39 degrees 48 minutes 51.9 seconds N. and long. 121 degrees 54 minutes 34.7 seconds W.

RANGE IN CHARACTERISTICS: Depth to extremely gravelly or coarser substratum is 35 to 65 inches. The mean annual soil temperature is 63 to 64 degrees F. The soil moisture control section is dry in all parts from about May to about October (about 150-180 days). The particle-size control section averages 25 to 35 percent clay, and 2 to 25 percent rock fragments, mostly gravel. Mineralogy is mixed. A fluctuating water table occurs at depths of 35 to 80 inches from November through May (endosaturation). Rock fragments on the surface range from 0 to 15 percent gravel, and 0 to 5 percent cobbles. Some pedons have weakly cemented Bq horizons below 60 inches.

The Ap horizon dry color is 10YR 5/3, 5/4, 6/3, 6/4; 7.5YR 4/3, 4/4, 5/3, or 6/3. Moist color is 7.5YR 3/2, 3/3; 5YR 3/3; 10YR 3/2, or 3/3. Texture is loam or gravelly loam. Clay content ranges from 16 to 24 percent. Rock fragments range from 0 to 30 percent gravel. Reaction ranges from slightly acid to slightly alkaline.

The upper part of the Bt horizon dry color is 7.5YR 5/3, 5/4, 6/3; or 5YR 5/4. Moist color is 10YR 3/3, 4/3; 7.5YR 3/2, 3/3, 4/2; 5YR 3/3 or 4/3. Texture is loam and clay loam and gravelly, cobbly, very gravelly, and very cobbly equivalents. Clay content ranges from 20 to 35 percent. Rock fragments range from 5 to 30 percent gravel, and 0 to 30 percent cobbles. Reaction ranges from slightly acid to slightly alkaline.

The lower part of the Bt horizon dry color is 7.5YR 5/4, 6/3, 6/4; or 5YR 5/4. Moist color is 7.5YR 4/3, 4/4; 5YR 3/3, 4/3; or 10YR 4/3. Texture is gravelly loam, extremely gravelly sandy loam, extremely gravelly coarse sandy loam, or extremely cobbly sandy loam. Clay content ranges from 10 to 20 percent. Rock fragments range from 25 to 70 percent gravel, 0 to 45 percent cobbles. Reaction ranges from neutral to slightly alkaline.

The Cq horizon dry color is 7.5YR 6/4 or 7/4. Moist color is 7.5YR 3/3, 4/3; or 5YR 3/3. Texture is

extremely gravelly loamy sand, extremely gravelly coarse sandy loam, or extremely cobbly coarse sandy loam. Clay content ranges from 1 to 8 percent. Rock fragments range from 10 to 50 percent gravel, 15 to 45 percent cobbles, and 0 to 5 percent stones. Reaction ranges from neutral to moderately alkaline.

COMPETING SERIES: These are the Perkins and Olashes soils. Perkins soils have greater than 10 percent clay and less than 65 percent coarse fragments in the C horizon. Olashes soils have less than 15 percent rock fragments in the Bt horizon.

GEOGRAPHIC SETTING: Redsluff soils are on low terraces. Slopes are 0 to 2 percent. These soils formed in alluvium weathered from mixed sources. Elevation is 175 to 350 feet. Mean annual precipitation is 24 to 28 inches. The mean annual temperature is 61 to 62 degrees F. Frost free season is 245 to 265 days.

GEOGRAPHICALLY ASSOCIATED SOILS: These are the Redtough(T), Redswale(T) and Charger(T) soils. Redtough(T) soils are on high terraces and are shallow. Redswale(T) soils are on high terraces and are very shallow. Charger(T) soils are on alluvial fans and are coarse-loamy.

DRAINAGE AND PERMEABILITY: Moderately well drained; very low to low runoff, moderate over rapid and very rapid permeability. The soils are rarely flooded for very brief periods in December to March. A fluctuating apparent watertable occurs at depths of 35 to 80 inches from December through April.

USE AND VEGETATION: This soil is used for urban development, range, and orchards. Vegetation is annual grasses and forbs and scattered valley oak.

DISTRIBUTION AND EXTENT: Butte County, California and occurs in the 262Aa (North Valley Alluvium) subsection of the 262A (Great Valley) section. MLRA 17. The soils are not extensive.

MLRA OFFICE RESPONSIBLE: Davis, California

SERIES PROPOSED: Butte County, California 1999. Source of name is coined.

REMARKS:

Diagnostic horizons and features recognized in this pedon are:

Ochric epipedon - zone from 0 to 2 inches (Ap)

Argillic horizon - zone from 2 to 21 inches (Bt1, Bt2, Bt3)

Particle-size control section - zone from 2 to 21 inches (Bt1, Bt2, Bt3)

The soil moisture control section - zone from 7 to 22 inches (Bt2, Bt3, Bt4)

Edit log: 02/2000,AEC- Series submitted for name reservation and placement in SC file. Series used in Butte County, CA.

National Cooperative Soil Survey
U.S.A.

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Inquiry Number 2097385.3

December 11, 2007



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12/11/07

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Chico, CA 95928

Client Name:

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Anderson, CA 96007

EDR Inquiry # 2097385.3

Contact: Bill Bergmann



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**Wal-Mart #2044-03 Expansion
2044 Forest Ave
Chico, CA 95928**

Inquiry Number: 2097385.2s

December 11, 2007

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

2044 FOREST AVE
CHICO, CA 95928

COORDINATES

Latitude (North): 39.722020 - 39° 43' 19.3"
Longitude (West): 121.802620 - 121° 48' 9.4"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 602625.3
UTM Y (Meters): 4397381.0
Elevation: 228 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 39121-F7 CHICO, CA
Most Recent Revision: 1978

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
WALMART STORE #2044 2044 FOREST AVE CHICO, CA 95928	HAZNET LUST Facility Status: Case Closed Cortese	N/A
WAL-MART STORE #2044 2044 FOREST AVE CHICO, CA 95928	HAZNET	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL LIENS	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CORRACTS	Corrective Action Report
RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
DOT OPS	Incident and Accident Data
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
ICIS	Integrated Compliance Information System
LUCIS	Land Use Control Information System
US CDL	Clandestine Drug Labs
RADINFO	Radiation Information Database
LIENS 2	CERCLA Lien Information
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

CA BOND EXP. PLAN	Bond Expenditure Plan
SCH	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF	Solid Waste Information System
CA WDS	Waste Discharge System
WMUDS/SWAT	Waste Management Unit Database
SWRCY	Recycler Database
SLIC	Statewide SLIC Cases
HIST UST	Hazardous Substance Storage Container Database
AST	Aboveground Petroleum Storage Tank Facilities
LIENS	Environmental Liens Listing
CHMIRS	California Hazardous Material Incident Report System
Notify 65	Proposition 65 Records
DEED	Deed Restriction Listing
VCP	Voluntary Cleanup Program Properties
CLEANERS	Cleaner Facilities

EXECUTIVE SUMMARY

WIP..... Well Investigation Program Case List
CDL..... Clandestine Drug Labs
EMI..... Emissions Inventory Data
HAULERS..... Registered Waste Tire Haulers Listing

TRIBAL RECORDS

INDIAN RESERV..... Indian Reservations
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
INDIAN UST..... Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL RECORDS

CERCLIS-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 06/21/2007 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
COMSTOCK ROAD-CHICO CHEMICALS	7 COMSTOCK ROAD	1/4 - 1/2E	16	26

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and

EXECUTIVE SUMMARY

Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 7 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>EXPRESSLY PORTRAITS INC</i>	<i>233 CHICO MALL</i>	<i>1/8 - 1/4 N</i>	<i>10</i>	<i>20</i>
<i>ECONO LUBE N TUNE NO 219</i>	<i>1957 E 20TH ST</i>	<i>1/8 - 1/4 N</i>	<i>11</i>	<i>21</i>
<i>KITS CAMERA 1 HOUR NO 101</i>	<i>1950 E TWENTEITH ST STE</i>	<i>1/8 - 1/4 N</i>	<i>12</i>	<i>21</i>
<i>GRUBER ENTERPRISES</i>	<i>2170 HUNTINGTON DR</i>	<i>1/8 - 1/4 NE</i>	<i>13</i>	<i>22</i>

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>WITMEIER AUTO CENTER</i>	<i>2288 FOREST AVE</i>	<i>1/8 - 1/4 S</i>	<i>4</i>	<i>9</i>
<i>COSTCO NO 136</i>	<i>2100 WHITMAN AVE</i>	<i>1/8 - 1/4 WSW</i>	<i>5</i>	<i>10</i>
<i>ARCO FACILITY NO 05639</i>	<i>2000 BUSINESS LN</i>	<i>1/8 - 1/4 N</i>	<i>B8</i>	<i>14</i>

STATE AND LOCAL RECORDS

HIST CAL-SITES: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>VICTOR INDUSTRIES - 20TH STREE</i>	<i>365 E 20TH ST</i>	<i>1/2 - 1 WSW</i>	<i>18</i>	<i>28</i>

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 Cortese sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>ARCO FACILITY #5639</i>	<i>2000 BUSINESS LN</i>	<i>1/8 - 1/4 N</i>	<i>B6</i>	<i>10</i>
<i>GAS MART</i>	<i>480 PARK AVE E</i>	<i>1/4 - 1/2 S</i>	<i>15</i>	<i>24</i>
<i>WONDER BREAD THRIFT STORE</i>	<i>385 PARK AVE E</i>	<i>1/4 - 1/2 SSW</i>	<i>17</i>	<i>27</i>

EXECUTIVE SUMMARY

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 10/10/2007 has revealed that there are 5 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FRED MEYER Facility Status: Case Closed	2350 FOREST AVE	1/4 - 1/2 SE	14	22
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ARCO FACILITY #5639 Facility Status: Case Closed	2000 BUSINESS LN	1/8 - 1/4 N	B6	10
ARCO FAC #5639 Facility Status: Case Closed Facility Status: Case Closed	2000 BUSINESS LANE	1/8 - 1/4 N	B9	15
GAS MART Facility Status: Case Closed	480 PARK AVE E	1/4 - 1/2 S	15	24
WONDER BREAD THRIFT STORE Facility Status: Case Closed	385 PARK AVE E	1/4 - 1/2 SSW	17	27

CA FID: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ARCO FAC #5639	2000 BUSINESS LANE	1/8 - 1/4 N	B9	15

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 10/10/2007 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GOLDEN GATE PETROLEUM - CHICO	2036 FOREST AVE	0 - 1/8 N	3	9
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ARCO FAC #5639	2000 BUSINESS LN	1/8 - 1/4 N	B7	13

EXECUTIVE SUMMARY

SWEEPS: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ARCO FAC #5639	2000 BUSINESS LANE	1/8 - 1/4N	B9	15

RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the RESPONSE list, as provided by EDR, and dated 08/28/2007 has revealed that there is 1 RESPONSE site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
VICTOR INDUSTRIES - 20TH STREE	365 E 20TH ST	1/2 - 1 WSW 18		28

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 08/28/2007 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

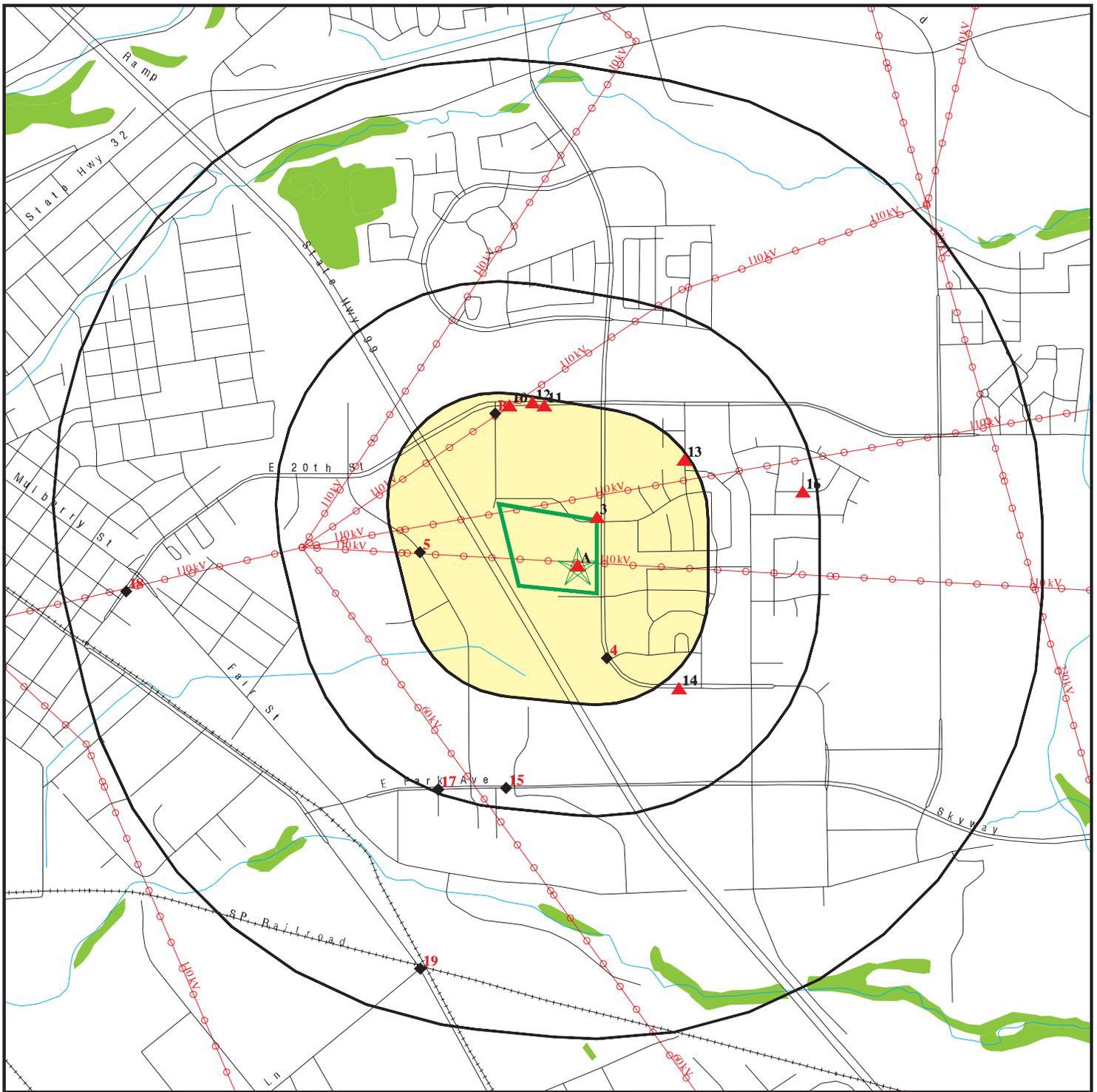
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
VICTOR INDUSTRIES - 20TH STREE Facility Status: Active	365 E 20TH ST	1/2 - 1 WSW 18		28
VALLEY WIDE CHEMICAL INC Facility Status: Refer: Other Agency	MIDWAY STREET / HEGAN	1/2 - 1 SSW 19		35

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
MURPHY COMMONS	LUST
MURPHY COMMONS	LUST
OLD FARM ESTATES BRUCE ROAD	VCP, ENVIROSTOR
PAUL L BRYNE MEMORIAL FARM	RCRA-SQG, FINDS
HWY 70 SPILL, FALLING ROCK MARKET	SLIC
HWY 99 SPILL, CHICO 04	SLIC
ADAMS, ET AL (APN 002-180-086)	SLIC
BARTIG, ET AL (APN 002-180-084)	SLIC
HAUSSELT PROPERTY	SLIC
EDMOND JOHNSON PROPERTY (APN 011-030-016)	SLIC
HUMBOLDT ROAD PRIVATE PROPERTIES OPERATIONAL UNIT	SLIC
FUEL SPILL SH 32 AND HUMBOLDT RD. TURNOFF	SLIC

OVERVIEW MAP - 2097385.2s



 Target Property

 Sites at elevations higher than or equal to the target property

 Sites at elevations lower than the target property

 Manufactured Gas Plants

 National Priority List Sites

 Dept. Defense Sites

 Indian Reservations BIA

 Power transmission lines

 Oil & Gas pipelines

 National Wetland Inventory

 Areas of Concern

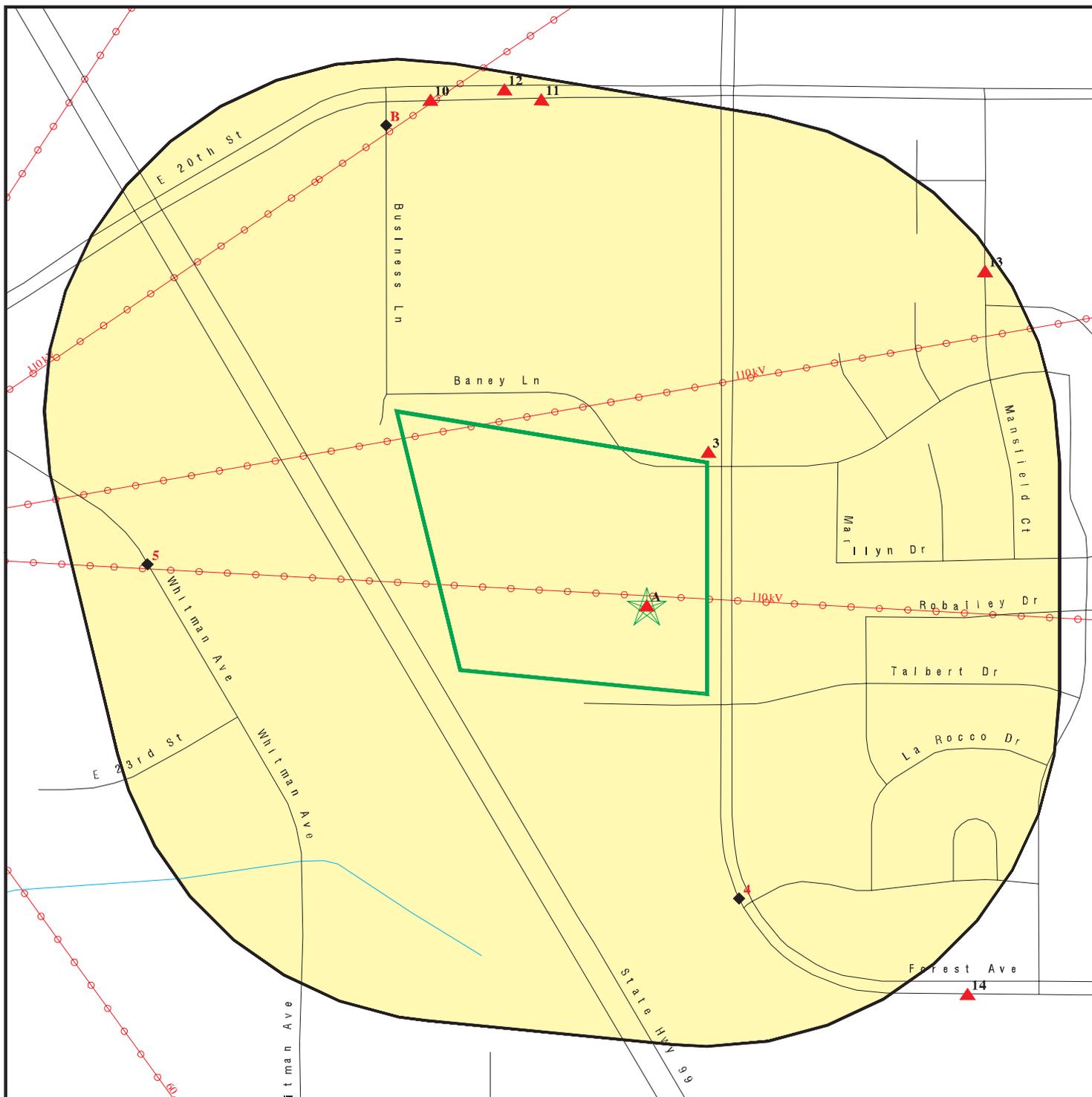


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Wal-Mart #2044-03 Expansion
 ADDRESS: 2044 Forest Ave
 Chico CA 95928
 LAT/LONG: 39.7220 / 121.8026

CLIENT: GEOPlus, Inc.
 CONTACT: Bill Bergmann
 INQUIRY #: 2097385.2s
 DATE: December 11, 2007 1:36 pm

DETAIL MAP - 2097385.2s



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Power transmission lines
-  Oil & Gas pipelines
-  Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Wal-Mart #2044-03 Expansion
 ADDRESS: 2044 Forest Ave
 Chico CA 95928
 LAT/LONG: 39.7220 / 121.8026

CLIENT: GEOPlus, Inc.
 CONTACT: Bill Bergmann
 INQUIRY #: 2097385.2s
 DATE: December 11, 2007 1:36 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	1	NR	NR	1
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	7	NR	NR	NR	7
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
LIENS 2		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
Hist Cal-Sites		1.000	0	0	0	1	NR	1
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Cortese	X	0.500	0	1	2	NR	NR	3
SWRCY		0.500	0	0	0	NR	NR	0
LUST	X	0.500	0	2	3	NR	NR	5
CA FID UST		0.250	0	1	NR	NR	NR	1
SLIC		0.500	0	0	0	NR	NR	0
UST		0.250	1	1	NR	NR	NR	2
HIST UST		0.250	0	0	NR	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
LIENS		TP	NR	NR	NR	NR	NR	0
SWEEPS UST		0.250	0	1	NR	NR	NR	1
CHMIRS		TP	NR	NR	NR	NR	NR	0
Notify 65		1.000	0	0	0	0	NR	0
DEED		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
RESPONSE		1.000	0	0	0	1	NR	1
HAZNET	X	TP	NR	NR	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
HAULERS		TP	NR	NR	NR	NR	NR	0
ENVIROSTOR		1.000	0	0	0	2	NR	2
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A1 **WALMART STORE #2044**
Target **2044 FOREST AVE**
Property **CHICO, CA 95928**

HAZNET **S103994839**
LUST **N/A**
Cortese

Site 1 of 2 in cluster A

Actual:
228 ft.

HAZNET:

Gepaid: CAL000115343
 Contact: WAL-MART STORES INC
 Telephone: 5012731949
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: DEPT 8013
 Mailing City,St,Zip: BENTONVILLE, AR 727168013
 Gen County: 4
 TSD EPA ID: CAT080013352
 TSD County: Los Angeles
 Waste Category: Aqueous solution with 10% or more total organic residues
 Disposal Method: Recycler
 Tons: 1.0842
 Facility County: 4

Gepaid: CAL000115343
 Contact: GREGORY WRIGHT MANAGER
 Telephone: 5308998760
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: DEPT 8013
 Mailing City,St,Zip: BENTONVILLE, AR 727168013
 Gen County: Butte
 TSD EPA ID: Not reported
 TSD County: Los Angeles
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Tons: 0.10
 Facility County: Not reported

Gepaid: CAL000115343
 Contact: WAL-MART STORES INC
 Telephone: 5012731949
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: DEPT 8013
 Mailing City,St,Zip: BENTONVILLE, AR 727168013
 Gen County: 4
 TSD EPA ID: CAD009466392
 TSD County: 7
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Disposal, Other
 Tons: 0.25
 Facility County: 4

Gepaid: CAL000115343
 Contact: WAL-MART STORES INC
 Telephone: 5012731949
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: DEPT 8013
 Mailing City,St,Zip: BENTONVILLE, AR 727168013

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

WALMART STORE #2044 (Continued)

S103994839

Gen County: 4
TSD EPA ID: CAD044003556
TSD County: Yolo
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Transfer Station
Tons: 0.6255
Facility County: 4

Gepaid: CAL000115343
Contact: WAL-MART STORES INC
Telephone: 5012731949
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: DEPT 8013
Mailing City,St,Zip: BENTONVILLE, AR 727168013
Gen County: 4
TSD EPA ID: CAL000161743
TSD County: Santa Clara
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Transfer Station
Tons: 0.5421
Facility County: 4

[Click this hyperlink](#) while viewing on your computer to access
3 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:

Region: STATE
Case Type: Undefined
Cross Street: 20TH ST E
Enf Type: R
Funding: Undefined
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: Overfill
Leak Source: Other Source
Global Id: T0600700224
Stop Date: 1999-08-16 00:00:00
Confirm Leak: 1999-11-15 00:00:00
Workplan: 2000-03-07 00:00:00
Prelim Assess: 2000-08-04 00:00:00
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2001-03-06 00:00:00
Discover Date: 1999-08-16 00:00:00
Enforcement Dt: 1965-01-01 00:00:00
Release Date: 1999-11-15 00:00:00
Review Date: 2001-03-06 00:00:00
Enter Date: 1999-12-02 00:00:00
MTBE Date: 1999-08-30 00:00:00
GW Qualifier: <
Soil Qualifier: <
Max MTBE GW ppb: 5
Max MTBE Soil ppb: 0.005
County: 04

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

WALMART STORE #2044 (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103994839

Org Name: Not reported
Reg Board: 5R
Status: Case Closed
Chemical: Waste Oil
Contact Person: Not reported
Responsible Party: WALMART STORES INC
RP Address: 701 WALTON BLVD S BENTONVILLE AR 72716
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 2
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: RDJ
Staff Initials: LR
Lead Agency: Regional Board
Local Agency: 04000
Hydr Basin #: SACRAMENTO VALLEY (5)
Beneficial: Not reported
Priority: 4
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: Not reported
Case Number: 040229
Qty Leaked: Not reported
Abate Method: No Action Required - incident is minor, requiring no remedial action
Operator: WALMART STORES INC
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: WASTE OIL TANK REMOVAL SOIL SAMPLES ND. 3MWS. 1 SOIL SAMPLE IN 1 BORING 198 PPM OIL & GREASE. GW SAMPLES ND FOR BTEX, TPHG, MTBE. NO SENSITIVE RECEPTORS WITHIN 2000 FT.

LUST:

Region: 5
Case Number: 040229
Staff Initials: RDJ
Substance: WASTE OIL
Case Type: Undefined
Status: Case Closed
Lead Agency: Regional
Program: LUST
MTBE Code: 1

Cortese:

Region: CORTESE
Facility Addr2: 2044 FOREST AVE

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A2
Target
Property

WAL-MART STORE #2044
2044 FOREST AVE
CHICO, CA 95928

HAZNET **S108757617**
N/A

Actual:
228 ft.

Site 2 of 2 in cluster A

HAZNET:
 Gepaid: CAL000115343
 Contact: JAMIE HUENS/SENIOR ENVT'L MGR
 Telephone: 4792048453
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 508 SW 8TH STREET
 Mailing City,St,Zip: Bentonville, AR 727120505
 Gen County: Butte
 TSD EPA ID: NVD980895338
 TSD County: 99
 Waste Category: Alkaline solution without metals (pH > 12.5)
 Disposal Method: Treatment, Tank
 Tons: 0
 Facility County: 4

3
North
< 1/8
41 ft.

GOLDEN GATE PETROLEUM - CHICO
2036 FOREST AVE
CHICO, CA 95928

UST **U003779050**
N/A

Relative:
Higher

UST:
 Local Agency: 04000
 Facility ID: 12612

Actual:
233 ft.

4
South
1/8-1/4
776 ft.

WITTMEIER AUTO CENTER
2288 FOREST AVE
CHICO, CA 95928

RCRA-SQG **1000596788**
FINDS **CAD983607680**

Relative:
Lower

RCRAInfo:
 Owner: ED WITTMEIER
 (916) 895-8181
 EPA ID: CAD983607680
 Contact: WAYNE WITTMEIER
 (916) 895-8181

Actual:
225 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 01/24/2002
 Actual Date Achieved Compliance: 03/22/2002
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 02/24/2002
 Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

Evaluation _____ Area of Violation _____

Date of
Compliance

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

		Database(s)	EDR ID Number EPA ID Number
--	--	-------------	--------------------------------

WITTMEIER AUTO CENTER (Continued)

1000596788

Compliance Evaluation Inspection GENERATOR-GENERAL REQUIREMENTS

20020322

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

5
WSW
1/8-1/4
1043 ft.

COSTCO NO 136
2100 WHITMAN AVE
CHICO, CA 95928

RCRA-SQG **1001023197**
FINDS **CAR000005553**

Relative:
Lower

RCRAInfo:
 Owner: COSTCO WHOLESALE CORP
 (206) 803-8294

Actual:
216 ft.

EPA ID: CAR000005553
 Contact: Not reported

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

B6
North
1/8-1/4
1073 ft.

ARCO FACILITY #5639
2000 BUSINESS LN
CHICO, CA 95928

HAZNET **S103950597**
LUST **N/A**
Cortese

Site 1 of 4 in cluster B

Relative:
Lower

HAZNET:
 Gepaid: CAR000100347
 Contact: JACK OMAN WASTE SPECIALIST
 Telephone: 7146703958
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 80249
 Mailing City,St,Zip: RCHO STA MARG, CA 926880000

Actual:
227 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ARCO FACILITY #5639 (Continued)

S103950597

Gen County: Butte
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.17
Facility County: Not reported

Gepaid: CAL000082800
Contact: CARLOS RODRIGUEZ/ENV COMPL ADM
Telephone: 7146705402
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 6038
Mailing City,St,Zip: ARTESIA, CA 907026038
Gen County: Butte
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Tons: 1.45
Facility County: Not reported

Gepaid: CAR000100347
Contact: JACK OMAN WASTE SPECIALIST
Telephone: 7146703958
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 80249
Mailing City,St,Zip: RCHO STA MARG, CA 926880000
Gen County: Butte
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.1
Facility County: 4

Gepaid: CAL923172962
Contact: CARLOS RODRIGUEZ
Telephone: 7146705402
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 6038
Mailing City,St,Zip: ARTESIA, CA 907026038
Gen County: Butte
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.32
Facility County: Not reported

Gepaid: CAL000082800
Contact: ATLANTIC RICHFIELD COMPANY
Telephone: 2134860494
Facility Addr2: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ARCO FACILITY #5639 (Continued)

S103950597

Mailing Name: Not reported
Mailing Address: PO BOX 6038
Mailing City,St,Zip: ARTESIA, CA 907026038
Gen County: 4
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.175
Facility County: 4

[Click this hyperlink](#) while viewing on your computer to access 10 additional CA_HAZNET: record(s) in the EDR Site Report.

LUST:

Region: STATE
Case Type: Soil only
Cross Street: 20TH ST
Enf Type: R
Funding: Undefined
How Discovered: OM
How Stopped: Not reported
Leak Cause: Other Cause
Leak Source: UNK
Global Id: T0600700147
Stop Date: 1995-05-09 00:00:00
Confirm Leak: 1995-05-09 00:00:00
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: 1996-05-09 00:00:00
Monitoring: Not reported
Close Date: 1997-06-18 00:00:00
Discover Date: 1995-05-09 00:00:00
Enforcement Dt: 1965-01-01 00:00:00
Release Date: 1996-05-13 00:00:00
Review Date: Not reported
Enter Date: 1996-06-10 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 04
Org Name: Not reported
Reg Board: 5R
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: ARCO PRODUCTS COMPANY
RP Address: PO BOX 6038 ARTESIA CA 90702-6038
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 1

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ARCO FACILITY #5639 (Continued)

S103950597

MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
 Staff: KLC
 Staff Initials: LR
 Lead Agency: Regional Board
 Local Agency: 04000
 Hydr Basin #: SACRAMENTO VALLEY (5)
 Beneficial: Not reported
 Priority: 4
 Cleanup Fund Id: Not reported
 Work Suspended: No
 Local Case #: Not reported
 Case Number: 040152
 Qty Leaked: Not reported
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
 Operator: PRESTIGE STATIONS INC (#5048)
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported
 Summary: CUSTOMER OVERFILLED GASOLINE TANK OF PERSONAL AUTOMOBILE. 10 GALS ENTERED STORM DRAIN. FLUSHED BY CITY FIRE DEPT. CLEANED UP WITH ABSORBENTS. NO SAMPLING.

LUST:

Region: 5
 Case Number: 040152
 Staff Initials: KLC
 Substance: GASOLINE
 Case Type: Soil only
 Status: Case Closed
 Lead Agency: Regional
 Program: LUST
 MTBE Code: N/A

Cortese:

Region: CORTESE
 Facility Addr2: 2000 BUSINESS LN

**B7
 North
 1/8-1/4
 1073 ft.**

**ARCO FAC #5639
 2000 BUSINESS LN
 CHICO, CA 95928**

**UST U003937920
 N/A**

**Relative:
 Lower**

Site 2 of 4 in cluster B

UST:
 Local Agency: 04000
 Facility ID: 38383

**Actual:
 227 ft.**

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

B8
North
1/8-1/4
1073 ft.

ARCO FACILITY NO 05639
2000 BUSINESS LN
CHICO, CA 95928

RCRA-SQG
FINDS
HAZNET

1004677682
CAR000100347

Site 3 of 4 in cluster B

Relative:
Lower

RCRAInfo:

Owner: B P W COAST PRODUCTS LLC
 (714) 690-2425

EPA ID: CAR000100347

Contact: JACK OMAN
 (714) 690-2425

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

Actual:
227 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid: CAR000100347
 Contact: Jack Oman
 Telephone: 7146902425
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 6038
 Mailing City,St,Zip: Artesia, CA 907026038
 Gen County: Not reported
 TSD EPA ID: Not reported
 TSD County: Los Angeles
 Waste Category: Other organic solids
 Disposal Method: Transfer Station
 Tons: 0.2
 Facility County: Not reported

Gepaid: CAR000100347
 Contact: Jack Oman
 Telephone: 7146902425
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 6038
 Mailing City,St,Zip: Artesia, CA 907026038
 Gen County: Butte
 TSD EPA ID: Not reported
 TSD County: Los Angeles
 Waste Category: Other organic solids
 Disposal Method: Transfer Station

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

ARCO FACILITY NO 05639 (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Tons: 0.35
 Facility County: Not reported

1004677682

B9
North
1/8-1/4
1073 ft.

ARCO FAC #5639
2000 BUSINESS LANE
CHICO, CA 95928

LUST
CA FID UST
SWEEPS UST

S101580651
N/A

Site 4 of 4 in cluster B

Relative:
Lower

LUST:

Actual:
227 ft.

Region: STATE
 Case Type: Soil only
 Cross Street: Not reported
 Enf Type: LOC
 Funding: Not reported
 How Discovered: OM
 How Stopped: Other Means
 Leak Cause: UNK
 Leak Source: UNK
 Global Id: T0600743455
 Stop Date: Not reported
 Confirm Leak: 2003-08-25 00:00:00
 Workplan: Not reported
 Prelim Assess: Not reported
 Pollution Char: Not reported
 Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 2003-08-26 00:00:00
 Discover Date: 2003-06-19 00:00:00
 Enforcement Dt: Not reported
 Release Date: 2003-08-25 00:00:00
 Review Date: Not reported
 Enter Date: Not reported
 MTBE Date: Not reported
 GW Qualifier: Not reported
 Soil Qualifier: Not reported
 Max MTBE GW ppb: Not reported
 Max MTBE Soil ppb: Not reported
 County: 04
 Org Name: Not reported
 Reg Board: 5R
 Status: Case Closed
 Chemical: MTBE,76
 Contact Person: Not reported
 Responsible Party: BP WEST COAST PRODUCTS
 RP Address: FOUR CENTERPOINTE DRIVE
 Interim: Not reported
 Oversight Prgm: LUST
 MTBE Class: *
 MTBE Conc: 0
 MTBE Fuel: 0
 MTBE Tested: Not Required to be Tested.
 Staff: RDJ
 Staff Initials: LR
 Lead Agency: Local Agency
 Local Agency: 04000
 Hydr Basin #: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ARCO FAC #5639 (Continued)

S101580651

Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 040264
Qty Leaked: Not reported
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

Region: STATE
Case Type: Undefined
Cross Street: Not reported
Enf Type: RB
Funding: Not reported
How Discovered: OM
How Stopped: Other Means
Leak Cause: Other Cause
Leak Source: D
Global Id: T0600775535
Stop Date: Not reported
Confirm Leak: 2004-09-27 00:00:00
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2004-10-07 00:00:00
Discover Date: 2004-09-23 00:00:00
Enforcement Dt: Not reported
Release Date: 2004-09-23 00:00:00
Review Date: Not reported
Enter Date: Not reported
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 04
Org Name: Not reported
Reg Board: 5R
Status: Case Closed
Chemical: Gasoline
Contact Person: Not reported
Responsible Party: BP WEST COAST PRODUCTS
RP Address: FOUR CENTERPOINTE DRIVE
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ARCO FAC #5639 (Continued)

S101580651

MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Staff: RDJ
Staff Initials: LR
Lead Agency: Local Agency
Local Agency: 04000
Hydr Basin #: Not reported
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Local Case #: Not reported
Case Number: 040270
Qty Leaked: 11
Abate Method: Not reported
Operator: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: Not reported

LUST:

Region: 5
Case Number: 040264
Staff Initials: RDJ
Substance: Not reported
Case Type: Soil only
Status: Case Closed
Lead Agency: Local
Program: LUST
MTBE Code: N/A

Region: 5
Case Number: 040270
Staff Initials: RDJ
Substance: GASOLINE
Case Type: Undefined
Status: Case Closed
Lead Agency: Local
Program: LUST
MTBE Code: N/A

CA FID UST:

Facility ID: 04000636
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 9168950406
Mail To: Not reported
Mailing Address: 17315 STUDEBAKER RD
Mailing Address 2: Not reported
Mailing City,St,Zip: CHICO 95928
Contact: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ARCO FAC #5639 (Continued)

S101580651

Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:

Status: A
Comp Number: 38383
Number: 1
Board Of Equalization: 44-000506
Ref Date: 02-01-92
Act Date: 09-22-92
Created Date: 09-22-92
Tank Status: A
Owner Tank Id: 1-UNL-R
Swrcb Tank Id: 04-000-038383-000001
Actv Date: 02-21-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: A
Comp Number: 38383
Number: 1
Board Of Equalization: 44-000506
Ref Date: 02-01-92
Act Date: 09-22-92
Created Date: 09-22-92
Tank Status: A
Owner Tank Id: 2-UNL-R
Swrcb Tank Id: 04-000-038383-000002
Actv Date: 02-21-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 38383
Number: 1
Board Of Equalization: 44-000506
Ref Date: 02-01-92
Act Date: 09-22-92
Created Date: 09-22-92
Tank Status: A
Owner Tank Id: 3-UNL-R
Swrcb Tank Id: 04-000-038383-000003
Actv Date: 02-21-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ARCO FAC #5639 (Continued)

S101580651

Number Of Tanks: Not reported

Status: A
Comp Number: 38383
Number: 1
Board Of Equalization: 44-000506
Ref Date: 02-01-92
Act Date: 09-22-92
Created Date: 09-22-92
Tank Status: A
Owner Tank Id: R-UNL-R
Swrcb Tank Id: 04-000-038383-000004
Actv Date: 02-21-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 38383
Number: 1
Board Of Equalization: 44-000506
Ref Date: 02-01-92
Act Date: 09-22-92
Created Date: 09-22-92
Tank Status: A
Owner Tank Id: 1-UNL-R
Swrcb Tank Id: 04-002-038383-000001
Actv Date: 02-21-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: A
Comp Number: 38383
Number: 1
Board Of Equalization: 44-000506
Ref Date: 02-01-92
Act Date: 09-22-92
Created Date: 09-22-92
Tank Status: A
Owner Tank Id: 2-UNL-R
Swrcb Tank Id: 04-002-038383-000002
Actv Date: 02-21-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 38383
Number: 1
Board Of Equalization: 44-000506

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

ARCO FAC #5639 (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S101580651

Ref Date: 02-01-92
 Act Date: 09-22-92
 Created Date: 09-22-92
 Tank Status: A
 Owner Tank Id: 3-UNL-R
 Swrcb Tank Id: 04-002-038383-000003
 Actv Date: 02-21-92
 Capacity: 10000
 Tank Use: M.V. FUEL
 Stg: P
 Content: REG UNLEADED
 Number Of Tanks: Not reported

Status: A
 Comp Number: 38383
 Number: 1
 Board Of Equalization: 44-000506
 Ref Date: 02-01-92
 Act Date: 09-22-92
 Created Date: 09-22-92
 Tank Status: A
 Owner Tank Id: R-UNL-P
 Swrcb Tank Id: 04-002-038383-000004
 Actv Date: 02-21-92
 Capacity: 10000
 Tank Use: M.V. FUEL
 Stg: P
 Content: PRM UNLEADED
 Number Of Tanks: Not reported

10
North
1/8-1/4
1175 ft.

EXPRESSLY PORTRAITS INC
233 CHICO MALL
CHICO, CA 95928

RCRA-SQG 1000857301
FINDS CAD983667148

Relative:
Higher

RCRAInfo:
 Owner: EXPRESSLY PORTRAITS
 (415) 578-9291
 EPA ID: CAD983667148
 Contact: MEL ORCHARD
 (415) 578-9291

Actual:
229 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site

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MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

11
North
1/8-1/4
1242 ft.

ECONO LUBE N TUNE NO 219
1957 E 20TH ST
CHICO, CA 95928

RCRA-SQG **1001404391**
FINDS **CAR000047480**

Relative:
Higher

RCRAInfo:
 Owner: BUTLER NAM YONG
 (562) 947-7530
 EPA ID: CAR000047480
 Contact: NAM YONG BUTLER
 (530) 899-3380
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

Actual:
233 ft.

FINDS:
 Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

12
North
1/8-1/4
1256 ft.

KITS CAMERA 1 HOUR NO 101
1950 E TWENTEITH ST STE E513
CHICO, CA 95926

RCRA-SQG **1000856950**
FINDS **CA0000009571**

Relative:
Higher

RCRAInfo:
 Owner: RITZ CAMERA CENTERS INC
 (301) 419-0000
 EPA ID: CA0000009571
 Contact: Not reported
 Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

Actual:
232 ft.

FINDS:
 Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

13
NE
1/8-1/4
1264 ft.

GRUBER ENTERPRISES
2170 HUNTINGTON DR
CHICO, CA 95928

RCRA-SQG **1004677358**
FINDS **CAR000096230**

Relative:
Higher

RCRAInfo:
 Owner: DONALD GRUBER
 (530) 892-0326
 EPA ID: CAR000096230
 Contact: SHERRY GRUBER
 (530) 892-0326
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Actual:
244 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

14
SE
1/4-1/2
1488 ft.

FRED MEYER
2350 FOREST AVE
CHICO, CA 95928

HAZNET **S104539373**
LUST **N/A**

Relative:
Higher

HAZNET:
 Gepaid: CAC002226921
 Contact: FRED MEYER
 Telephone: 5302447203
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 42121
 Mailing City,St,Zip: PORTLAND, OR 972420000
 Gen County: 4
 TSD EPA ID: CAD009466392
 TSD County: 7
 Waste Category: Other empty containers 30 gallons or more
 Disposal Method: Recycler
 Tons: 1.0000
 Facility County: 4

Actual:
229 ft.

Gepaid: CAC001471640
 Contact: FRED MEYER
 Telephone: 5302447203
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: PO BOX 42121
 Mailing City,St,Zip: PORTLAND, OR 972020000
 Gen County: 4
 TSD EPA ID: CAD044003556

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FRED MEYER (Continued)

S104539373

TSD County: Yolo
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: 0.1668
Facility County: 4

LUST:

Region: STATE
Case Type: Drinking Water Aquifer affected
Cross Street: SKYWAY
Enf Type: R
Funding: Undefined
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global Id: T0600793576
Stop Date: 1999-05-03 00:00:00
Confirm Leak: 2000-05-12 00:00:00
Workplan: 2000-05-26 00:00:00
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2000-05-31 00:00:00
Discover Date: 2000-03-27 00:00:00
Enforcement Dt: 1965-01-01 00:00:00
Release Date: 2000-03-31 00:00:00
Review Date: 2000-05-31 00:00:00
Enter Date: 2000-04-17 00:00:00
MTBE Date: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Max MTBE GW ppb: Not reported
Max MTBE Soil ppb: Not reported
County: 04
Org Name: Not reported
Reg Board: 5R
Status: Case Closed
Chemical: Diesel
Contact Person: Not reported
Responsible Party: UNKNOWN
RP Address: Not reported
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: *
MTBE Conc: 0
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
Staff: GFC
Staff Initials: LR
Lead Agency: Regional Board
Local Agency: 04000
Hydr Basin #: SACRAMENTO VALLEY (5)
Beneficial: Not reported
Priority: 4

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FRED MEYER (Continued)

S104539373

Cleanup Fund Id: Not reported
 Work Suspended: No
 Local Case #: Not reported
 Case Number: 040243
 Qty Leaked: Not reported
 Abate Method: Other
 Operator: Not reported
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported
 Summary: NO BTEX OR MTBE DETECTED. MINOR DIESEL CONTAMINATION IN TANK PIT.

LUST:

Region: 5
 Case Number: 040243
 Staff Initials: GFC
 Substance: DIESEL
 Case Type: Drinking Water Aquifer affected
 Status: Case Closed
 Lead Agency: Regional
 Program: LUST
 MTBE Code: N/A

**15
 South
 1/4-1/2
 2401 ft.**

**GAS MART
 480 PARK AVE E
 CHICO, CA 95927**

**LUST S104403090
 Cortese N/A**

**Relative:
 Lower**

LUST:

**Actual:
 211 ft.**

Region: STATE
 Case Type: Soil only
 Cross Street: CARMICHAEL
 Enf Type: R
 Funding: Undefined
 How Discovered: OM
 How Stopped: Not reported
 Leak Cause: UNK
 Leak Source: UNK
 Global Id: T0600700144
 Stop Date: 1996-03-29 00:00:00
 Confirm Leak: 1996-03-29 00:00:00
 Workplan: 1997-06-12 00:00:00
 Prelim Assess: 1997-10-23 00:00:00
 Pollution Char: Not reported
 Remed Plan: 1998-12-24 00:00:00
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 2001-06-21 00:00:00
 Discover Date: 1996-03-29 00:00:00
 Enforcement Dt: 1965-01-01 00:00:00
 Release Date: 1996-04-09 00:00:00
 Review Date: 2001-06-21 00:00:00
 Enter Date: 1996-04-25 00:00:00
 MTBE Date: 1998-05-04 00:00:00
 GW Qualifier: <

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GAS MART (Continued)

S104403090

Soil Qualifier: Not reported
Max MTBE GW ppb: 5
Max MTBE Soil ppb: 13
County: 04
Org Name: Not reported
Reg Board: 5R
Status: Case Closed
Chemical: Diesel
Contact Person: Not reported
Responsible Party: KHALID MASOOD/BETTY JANE ROTH
RP Address: 400 CAPITOL MALL SUITE 1100 SACRAMENTO CA 95814
Interim: Not reported
Oversight Prgm: LUST
MTBE Class: Not reported
MTBE Conc: 2
MTBE Fuel: 0
MTBE Tested: MTBE Detected. Site tested for MTBE and MTBE detected
Staff: RDJ
Staff Initials: LR
Lead Agency: Regional Board
Local Agency: 04000
Hydr Basin #: SACRAMENTO VALLEY (5)
Beneficial: Not reported
Priority: 4
Cleanup Fund Id: Not reported
Work Suspended: No
Local Case #: Not reported
Case Number: 040149
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Operator: KHALID MASOOD
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary: DIESEL DISCHARGE TO SW FROM PLANTER AREA. 81 CY SOIL REMOVED FROM PLANTER. USTS COULD NOT BE TESTED, WATER IN TANKS. NO TPH IN GW. APPROX 2500 CUBIC YDS OF SOIL REMOVED. MW ABANDONED.

LUST:

Region: 5
Case Number: 040149
Staff Initials: RDJ
Substance: DIESEL
Case Type: Soil only
Status: Case Closed
Lead Agency: Regional
Program: LUST
MTBE Code: 1

Cortese:

Region: CORTESE
Facility Addr2: 480 PARK AVE E

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

COMSTOCK ROAD-CHICO CHEMICALS (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Date Started: Not reported
 Date Completed: 01/23/1996
 Priority Level: Not reported

1003879683

17
SSW
1/4-1/2
2597 ft.

WONDER BREAD THRIFT STORE
385 PARK AVE E
CHICO, CA 95926

LUST **S104403062**
Cortese **N/A**

Relative:
Lower

LUST:

Actual:
208 ft.

Region: STATE
 Case Type: Soil only
 Cross Street: ENTERPRISE
 Enf Type: R
 Funding: Undefined
 How Discovered: Tank Closure
 How Stopped: Not reported
 Leak Cause: Structure Failure
 Leak Source: Piping
 Global Id: T0600700067
 Stop Date: 1992-06-10 00:00:00
 Confirm Leak: 1992-07-24 00:00:00
 Workplan: 1992-07-06 00:00:00
 Prelim Assess: 1993-10-07 00:00:00
 Pollution Char: Not reported
 Remed Plan: 1994-09-28 00:00:00
 Remed Action: 1995-03-08 00:00:00
 Monitoring: Not reported
 Close Date: 1996-01-31 00:00:00
 Discover Date: 1992-06-10 00:00:00
 Enforcement Dt: 1965-01-01 00:00:00
 Release Date: 1992-07-09 00:00:00
 Review Date: 1996-01-31 00:00:00
 Enter Date: 1992-07-24 00:00:00
 MTBE Date: Not reported
 GW Qualifier: Not reported
 Soil Qualifier: Not reported
 Max MTBE GW ppb: Not reported
 Max MTBE Soil ppb: Not reported
 County: 04
 Org Name: Not reported
 Reg Board: 5R
 Status: Case Closed
 Chemical: Diesel
 Contact Person: Not reported
 Responsible Party: CONTINENTAL BAKING COMPANY
 RP Address: 1324 ARDEN WAY SACRAMENTO CA 95813
 Interim: Not reported
 Oversight Prgm: LUST
 MTBE Class: *
 MTBE Conc: 0
 MTBE Fuel: 0
 MTBE Tested: Not Required to be Tested.
 Staff: KLC
 Staff Initials: LR
 Lead Agency: Local Agency
 Local Agency: 04000
 Hydr Basin #: SACRAMENTO VALLEY (5)

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

WONDER BREAD THRIFT STORE (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S104403062

Beneficial: Not reported
 Priority: 4
 Cleanup Fund Id: Not reported
 Work Suspended: No
 Local Case #: Not reported
 Case Number: 040071
 Qty Leaked: Not reported
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
 Operator: CONTINENTAL BAKING COMPANY
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported
 Summary: 2 USTS REMOVED. APPROXIMATELY 700 CY CONTAMINATED SOIL REMOVED AND TRANSPORTED OFF-SITE FOR TREATMENT. TPHD = 22 MG/KG IN EXCAVATION. NO GW ENCOUNTERED. CONSULTANT INDICATED NO SUPPLY WELLS ON OR ADJACENT TO SITE.

LUST:

Region: 5
 Case Number: 040071
 Staff Initials: KLC
 Substance: DIESEL
 Case Type: Soil only
 Status: Case Closed
 Lead Agency: Local
 Program: LUST
 MTBE Code: N/A

Cortese:

Region: CORTESE
 Facility Addr2: 385 PARK AVE E

18
WSW
1/2-1
4531 ft.

VICTOR INDUSTRIES - 20TH STREET
365 E 20TH ST
CHICO, CA 95928

RESPONSE **S105628338**
ENVIROSTOR **N/A**
HIST Cal-Sites

Relative:
Lower

AWP:

Actual:
205 ft.

AWP Facility ID: 04360003
 Region Code: 1
 Region: SACRAMENTO
 SMBR Branch Code: CC
 SMBR Branch Unit: CENTRAL CALIFORNIA
 Site Name.: Not reported
 Current Status Date: 10011990
 Current Status: ANNUAL WORKPLAN - ACTIVE SITE
 Lead Agency Code: DTSC
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
 Facility Type: State orphan site
 Awp Site Type: STATE FUNDED SITE
 NPL: Not Listed
 Tier Of AWP Site: Not reported
 Source Of Funding: F
 Responsible Staff Member: TPATENAU
 Supervisor Responsible: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

VICTOR INDUSTRIES - 20TH STREET (Continued)

S105628338

SIC Code: 36
 Facility SIC: MANU - ELECTRONIC & OTHER ELECTRIC EQUIP
 RWQCB Code: Not reported
 RWQCB Associated With Site: Not reported
 Site Access Controlled: Not reported
 Site Listed HWS List: Not reported
 Hazard Ranking Score: Not reported
 Date Site Hazard Ranked: Not reported
 Groundwater Contamination: Suspected
 # Of Contamination Sources: 1
 Lat/Long: Not reported
 Lat/Long (dms): 0 0 0 / 0 0 0
 Lat/long Method: Not reported
 Description Of Entity: Not reported
 State Assembly Distt Code: 03
 State Senate District: 04

RESPONSE:

Facility ID: 04360003
 Site Type: State Response
 Site Type Detail: State Response or NPL
 Acres: 10
 National Priorities List: NO
 Cleanup Oversight Agencies: SMBRP, RWQCB 5R - Central Valley
 Lead Agency: SMBRP
 Lead Agency Description: Not reported
 Project Manager: TIM PATENAUDE
 Supervisor: Richard Hume
 Division Branch: Central California
 Site Code: 100178
 Assembly: 03
 Senate: 04
 Special Program Status: Not reported
 Status: Active
 Status Date: 1990-10-01 00:00:00
 Restricted Use: YES
 Funding: Orphan Funds
 Latitude: 39.7211916666667
 Longitude: -121.821683333333
 Alias Name: 04360003
 VIC INC
 100178
 P14011
 VICTOR TRUST
 Alias Type: Envirostor ID Number
 Alternate Name
 Alternate Name
 PCode
 Project Code (Site Code)
 APN: NONE SPECIFIED
 APN Description: Not reported
 Comments: The RI/FS was approvedRA (WELL) -- The well #CWS-15 carbon treatment system has been installed in South Chico. TCE contaminated groundwater will now be treated continuously, and the well will provide water for public consumption.A 3-mile long waterline extension has been completed, and 168 residents have been hooked up. All these residents have had their homes disconnected from their

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

VICTOR INDUSTRIES - 20TH STREET (Continued)

S105628338

TCE-contaminated private wells in Stanley Park, Chico. Approx. total cost = \$800,000 (pFRIFS: Shallow groundwater investigation. Removal Action: Soil excavation - Top 6". Facility Identified: Observed during drive-bys. Unfenced barrel storage behind plant. DTSC and the Victor 20th Street Site Responsible Parties reached agreement on a settlement of claims for all costs incurred or to be incurred for response to environmental release or threatened release associated with the Victor 20th Street Site. Site Screening Done. aid by Victor Trust - RP)

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Removal Action Completion Report
 Completed Date: 1993-06-11 00:00:00
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Screening
 Completed Date: 1987-01-28 00:00:00
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Removal Action Completion Report
 Completed Date: 1985-12-30 00:00:00
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Remedial Investigation / Feasibility Study
 Completed Date: 1994-10-20 00:00:00
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Removal Action Completion Report
 Completed Date: 1994-05-18 00:00:00
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Removal Action Completion Report
 Completed Date: 1994-03-23 00:00:00
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Engineering Evaluation / Cost Analysis - Non-Time Critical
 Completed Date: 1993-10-21 00:00:00
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Engineering Evaluation / Cost Analysis - Non-Time Critical
 Completed Date: 1992-06-30 00:00:00
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Unilateral Order (I/SE, RAO, EPA AO)
 Completed Date: 1992-05-20 00:00:00
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Unilateral Order (I/SE, RAO, EPA AO)
 Completed Date: 1989-07-31 00:00:00
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Final Determination of non-compliance
 Completed Date: 1989-04-24 00:00:00
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Unilateral Order (I/SE, RAO, EPA AO)
 Completed Date: 1989-01-31 00:00:00

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

VICTOR INDUSTRIES - 20TH STREET (Continued)

S105628338

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1983-05-11 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Deed Restriction / Land Use Covenant
Completed Date: 2004-06-14 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Settlements/Decrees
Completed Date: 2004-06-14 00:00:00
Confirmed: 30027
Confirmed Description: Trichloroethylene (TCE)
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Action Plan
Future Due Date: 2008
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2009
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Investigation / Feasibility Study
Future Due Date: 2010
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Workplan
Future Due Date: 2007
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: CEQA - Initial Study/ Neg. Declaration
Future Due Date: 2007
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2010
Media Affected: AQUI, SOIL, WELL
Media Affected Desc: Aquifer used for drinking water supply affected
Media Affected Desc: Soil
Media Affected Desc: Well used for drinking water supply affected
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 30027
Potential Description: Trichloroethylene (TCE)
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: MANUFACTURING - METAL

ENVIROSTOR:

Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 10

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

VICTOR INDUSTRIES - 20TH STREET (Continued)

S105628338

NPL: NO
 Regulatory Agencies: SMBRP, RWQCB 5R - Central Valley
 Lead Agency: SMBRP
 Program Manager: TIM PATENAUDE
 Supervisor: Richard Hume
 Division Branch: Central California
 Facility ID: 04360003
 Site Code: 100178
 Assembly: 03
 Senate: 04
 Special Program: Not reported
 Status: Active
 Status Date: 1990-10-01 00:00:00
 Restricted Use: YES
 Funding: Orphan Funds
 Latitude: 39.7211916666667
 Longitude: -121.8216833333333
 Alias Name: 04360003
 VIC INC
 100178
 P14011
 VICTOR TRUST
 Alias Type: Envirostor ID Number
 Alternate Name
 Alternate Name
 PCode
 Project Code (Site Code)
 APN: NONE SPECIFIED
 APN Description: Not reported
 Comments: The RI/FS was approvedRA (WELL) -- The well #CWS-15 carbon treatment system has been installed in South Chico. TCE contaminated groundwater will now be treated continuously, and the well will provide water for public consumption.A 3-mile long waterline extension has been completed, and 168 residents have been hooked up. All these residents have had their homes disconnected from their TCE-contamin- ated private wells in Stanley Park, Chico. Approx. total cost = \$800,000 (pFRIFS: Shallow groundwater investigation.Removal Action: Soil excavation - Top 6".Facility Identified: Observed during drive-bys. Unfenced barrel storage behind plant.DTSC and the Victor 20th Street Site Responsible Parties reached agreement on a settlement of claims for all costs incurred or to be incurred for response to environmental release or threatened release associated with the Victor 20th Street Site.Site Screening Done.aid by Victor Trust - RP)
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Removal Action Completion Report
 Completed Date: 1993-06-11 00:00:00
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Screening
 Completed Date: 1987-01-28 00:00:00
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Removal Action Completion Report
 Completed Date: 1985-12-30 00:00:00
 Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

VICTOR INDUSTRIES - 20TH STREET (Continued)

S105628338

Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 1994-10-20 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1994-05-18 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 1994-03-23 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Engineering Evaluation / Cost Analysis - Non-Time Critical
Completed Date: 1993-10-21 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Engineering Evaluation / Cost Analysis - Non-Time Critical
Completed Date: 1992-06-30 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, EPA AO)
Completed Date: 1992-05-20 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, EPA AO)
Completed Date: 1989-07-31 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of non-compliance
Completed Date: 1989-04-24 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, EPA AO)
Completed Date: 1989-01-31 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Discovery
Completed Date: 1983-05-11 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Deed Restriction / Land Use Covenant
Completed Date: 2004-06-14 00:00:00
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Settlements/Decrees
Completed Date: 2004-06-14 00:00:00
Confirmed: 30027
Confirmed Description: Trichloroethylene (TCE)
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Action Plan
Future Due Date: 2008
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2009

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

VICTOR INDUSTRIES - 20TH STREET (Continued)

S105628338

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Investigation / Feasibility Study
Future Due Date: 2010
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Workplan
Future Due Date: 2007
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: CEQA - Initial Study/ Neg. Declaration
Future Due Date: 2007
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2010
Media Affected: AQUI, SOIL, WELL
Media Affected Desc: Aquifer used for drinking water supply affected
Media Affected Desc: Soil
Media Affected Desc: Well used for drinking water supply affected
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: 30027
Potential Description: Trichloroethylene (TCE)
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: MANUFACTURING - METAL

HISTORICAL CAL-SITES:

Facility ID: 04360003
Region: 1
Region Name: SACRAMENTO
Branch: CC
Branch Name: CENTRAL CALIFORNIA
File Name: Not reported
State Senate District: 10011990
Status: AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Facility Type: STATE
Type Name: STATE FUNDED SITE
NPL: Not Listed
SIC Code: 36
SIC Name: MANU - ELECTRONIC & OTHER ELECTRIC EQUIP
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Suspected
Staff Member Responsible for Site: TPATENAU
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Region Water Control Board Name: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

VICTOR INDUSTRIES - 20TH STREET (Continued)

S105628338

Lat/Long Direction: Not reported
 Lat/Long (dms): 0 0 0 / 0 0 0
 Lat/long Method: Not reported
 Lat/Long Description: Not reported
 State Assembly District Code: 03
 State Senate District Code: 04

[Click this hyperlink](#) while viewing on your computer to access additional CA_CALSITE: detail in the EDR Site Report.

19
SSW
1/2-1
4684 ft.

VALLEY WIDE CHEMICAL INC
MIDWAY STREET / HEGAN LANE
CHICO, CA 95928

ENVIROSTOR S101479856
N/A

Relative:
Lower

ENVIROSTOR:

Actual:
203 ft.

Site Type: Historical
 Site Type Detailed: * Historical
 Acres: Not reported
 NPL: NO
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Not reported
 Supervisor: Referred - Not Assigned
 Division Branch: Central California
 Facility ID: 04510010
 Site Code: Not reported
 Assembly: 02
 Senate: 04
 Special Program: Not reported
 Status: Refer: Other Agency
 Status Date: 1994-11-16 00:00:00
 Restricted Use: NO
 Funding: Not reported
 Latitude: 39.7083333333333
 Longitude: -121.808888888889
 Alias Name: 04510010
 Alias Type: Envirostor ID Number
 APN: NONE SPECIFIED
 APN Description: Not reported
 Comments: Site Screening Done: No file found.Facility identified from 1982 phone book.
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Screening
 Completed Date: 1987-02-09 00:00:00
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Discovery
 Completed Date: 1982-10-21 00:00:00
 Confirmed: NONE SPECIFIED
 Confirmed Description: Not reported
 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Media Affected: NONE SPECIFIED
 Media Affected Desc: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

VALLEY WIDE CHEMICAL INC (Continued)

S101479856

Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported
PastUse: NONE SPECIFIED

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CHICO	1000274450	PAUL L BRYNE MEMORIAL FARM	ROUTE 3 BOX 55/HEGAN LANE	95928	RCRA-SQG, FINDS
CHICO	S106487256	HWY 70 SPILL, FALLING ROCK MARKET	HWY 70 S/B		SLIC
CHICO	S106487276	HWY 99 SPILL, CHICO 04	HWY 99 / MERIDIAN RF		SLIC
CHICO	S106568458	ADAMS, ET AL (APN 002-180-086)	BRUCE RD AND HWY 32		SLIC
CHICO	S106568463	BARTIG, ET AL (APN 002-180-084)	BRUCE RD AND HWY 32		SLIC
CHICO	S106484161	HAUSSELT PROPERTY	13960 NORTH HIGHWAY 99		SLIC
CHICO	S106568459	EDMOND JOHNSON PROPERTY (APN 011-030-016)	HUMBOLDT RD / HWY 32	95928	SLIC
CHICO	S106568460	HUMBOLDT ROAD PRIVATE PROPERTIES OPERATIONAL UNIT	HUMBOLDT RD AND HWY 32		SLIC
CHICO	S105954419	OLD FARM ESTATES BRUCE ROAD	NW INTERSECTION OF HWY 32 / BRUCE RD	95928	VCP, ENVIROSTOR
CHICO	S108087164	MURPHY COMMONS	1290 NOTRE DAME BLVD.	95928	LUST
CHICO	S108147310	MURPHY COMMONS	1290 NOTRE DAME BLVD.	95928	LUST
CHICO	S108245975	FUEL SPILL SH 32 AND HUMBOLDT RD. TURNOFF	STATE HWY 32		SLIC

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/18/2007	Source: EPA
Date Data Arrived at EDR: 08/03/2007	Telephone: N/A
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 07/31/2007
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/29/2007
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 08/09/2007	Source: EPA
Date Data Arrived at EDR: 09/05/2007	Telephone: N/A
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 08/31/2007
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/29/2007
	Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 08/27/2007	Source: EPA
Date Data Arrived at EDR: 08/29/2007	Telephone: N/A
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 08/29/2007
Number of Days to Update: 43	Next Scheduled EDR Contact: 10/29/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 11/15/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/23/2007	Source: EPA
Date Data Arrived at EDR: 06/20/2007	Telephone: 703-412-9810
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 12/06/2007
Number of Days to Update: 70	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/21/2007	Source: EPA
Date Data Arrived at EDR: 07/23/2007	Telephone: 703-412-9810
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 12/06/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/26/2007	Source: EPA
Date Data Arrived at EDR: 08/08/2007	Telephone: 800-424-9346
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 12/03/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/03/2008
	Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006	Source: EPA
Date Data Arrived at EDR: 06/28/2006	Telephone: (415) 495-8895
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 10/16/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2006	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/24/2007	Telephone: 202-267-2180
Date Made Active in Reports: 03/12/2007	Last EDR Contact: 10/19/2007
Number of Days to Update: 47	Next Scheduled EDR Contact: 01/21/2008
	Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 07/02/2007	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 07/18/2007	Telephone: 202-366-4555
Date Made Active in Reports: 09/18/2007	Last EDR Contact: 10/16/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/16/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/03/2007	Telephone: 703-603-8905
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/16/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/16/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/03/2007	Telephone: 703-603-8905
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/16/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/09/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 02/04/2008
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2006	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/31/2007	Telephone: 202-528-4285
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 10/01/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients--States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 06/20/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/09/2007	Telephone: 202-566-2777
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 09/10/2007
Number of Days to Update: 51	Next Scheduled EDR Contact: 12/10/2007
	Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 04/13/2007	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 07/16/2007	Telephone: Varies
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 09/21/2007
Number of Days to Update: 44	Next Scheduled EDR Contact: 01/21/2008
	Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/08/2007	Source: EPA
Date Data Arrived at EDR: 07/03/2007	Telephone: 703-416-0223
Date Made Active in Reports: 08/29/2007	Last EDR Contact: 11/08/2007
Number of Days to Update: 57	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/08/2006	Telephone: 505-845-0011
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 09/19/2007
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/17/2007
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2005	Source: EPA
Date Data Arrived at EDR: 04/27/2007	Telephone: 202-566-0250
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 09/18/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/17/2007
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 11/14/2007
Number of Days to Update: 46	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/06/2007	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 07/20/2007	Telephone: 202-566-1667
Date Made Active in Reports: 09/18/2007	Last EDR Contact: 09/17/2007
Number of Days to Update: 60	Next Scheduled EDR Contact: 12/17/2007
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 07/06/2007	Source: EPA
Date Data Arrived at EDR: 07/20/2007	Telephone: 202-566-1667
Date Made Active in Reports: 09/18/2007	Last EDR Contact: 09/17/2007
Number of Days to Update: 60	Next Scheduled EDR Contact: 12/17/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2005	Source: EPA
Date Data Arrived at EDR: 03/13/2007	Telephone: 202-564-4203
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 10/15/2007
Number of Days to Update: 45	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Annually

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 12/10/2007
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/10/2008
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 08/14/2007	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/29/2007	Telephone: 202-366-4595
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/29/2007
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/25/2008
	Data Release Frequency: Varies

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/27/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/13/2007	Telephone: 202-564-5088
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 10/15/2007
Number of Days to Update: 59	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Quarterly

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 07/25/2007	Source: EPA, Region 9
Date Data Arrived at EDR: 07/31/2007	Telephone: 415-972-3336
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 09/24/2007
Number of Days to Update: 72	Next Scheduled EDR Contact: 12/24/2007
	Data Release Frequency: Varies

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 09/17/2007
Next Scheduled EDR Contact: 12/17/2007
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 01/08/2007
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 3

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 10/02/2007
Next Scheduled EDR Contact: 12/24/2007
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/31/2007
Date Data Arrived at EDR: 08/01/2007
Date Made Active in Reports: 08/29/2007
Number of Days to Update: 28

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/31/2007
Next Scheduled EDR Contact: 01/28/2008
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 03/08/2007
Date Data Arrived at EDR: 04/12/2007
Date Made Active in Reports: 05/14/2007
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Varies

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 04/12/2007
Date Data Arrived at EDR: 06/08/2007
Date Made Active in Reports: 08/29/2007
Number of Days to Update: 32

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 08/09/2007
Next Scheduled EDR Contact: 11/05/2007
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/09/2007
Date Data Arrived at EDR: 07/24/2007
Date Made Active in Reports: 09/18/2007
Number of Days to Update: 56

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/01/2007
Next Scheduled EDR Contact: 12/31/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/09/2007
Date Data Arrived at EDR: 06/28/2007
Date Made Active in Reports: 08/29/2007
Number of Days to Update: 62

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/26/2007
Next Scheduled EDR Contact: 12/24/2007
Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/19/2007
Date Data Arrived at EDR: 07/25/2007
Date Made Active in Reports: 09/18/2007
Number of Days to Update: 55

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 10/01/2007
Next Scheduled EDR Contact: 12/31/2007
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 12/03/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/13/2007
Number of Days to Update: 38

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/12/2007
Next Scheduled EDR Contact: 12/10/2007
Data Release Frequency: Biennially

USGS WATER WELLS: National Water Information System (NWIS)

This database consists of well records in the United States. Available site descriptive information includes well location information (latitude and longitude, well depth, site use, water use, and aquifer).

Date of Government Version: 03/25/2005
Date Data Arrived at EDR: 03/25/2005
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: USGS
Telephone: N/A
Last EDR Contact: 03/25/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: N/A

PWS: Public Water System Data

This Safe Drinking Water Information System (SDWIS) file contains public water systems name and address, population served and the primary source of water

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/24/2000
Date Data Arrived at EDR: 04/27/2005
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: EPA
Telephone: N/A
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: N/A

STATE AND LOCAL RECORDS

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 11/26/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: No Update Planned

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 08/28/2007
Date Data Arrived at EDR: 08/29/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/28/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 10/26/2007
Next Scheduled EDR Contact: 01/28/2008
Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/12/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 16

Source: Integrated Waste Management Board
Telephone: 916-341-6320
Last EDR Contact: 09/12/2007
Next Scheduled EDR Contact: 12/10/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 12/03/2007
Number of Days to Update: 30	Next Scheduled EDR Contact: 03/03/2008
	Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 09/17/2007
Number of Days to Update: 9	Next Scheduled EDR Contact: 12/17/2007
	Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 05/29/2001	Telephone: 916-323-3400
Date Made Active in Reports: 07/26/2001	Last EDR Contact: 10/19/2007
Number of Days to Update: 58	Next Scheduled EDR Contact: 01/21/2008
	Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 10/09/2007	Source: Department of Conservation
Date Data Arrived at EDR: 10/11/2007	Telephone: 916-323-3836
Date Made Active in Reports: 11/07/2007	Last EDR Contact: 10/11/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/07/2008
	Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 10/15/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 11/05/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/04/2008
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 10/01/2007
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 12/03/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/03/2008
	Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2007	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 08/01/2007	Telephone: 916-464-4834
Date Made Active in Reports: 08/09/2007	Last EDR Contact: 11/07/2007
Number of Days to Update: 8	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Quarterly

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/24/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/24/2007
	Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 11/13/2007
Number of Days to Update: 14	Next Scheduled EDR Contact: 02/11/2008
	Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 10/09/2007
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/07/2008
	Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 10/10/2007
Date Data Arrived at EDR: 10/11/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 10/11/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Quarterly

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 10/10/2007
Date Data Arrived at EDR: 10/11/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 10/11/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 10/09/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 11/13/2007
Next Scheduled EDR Contact: 02/11/2008
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 10/19/2007
Next Scheduled EDR Contact: 01/21/2008
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 10/01/2007
Next Scheduled EDR Contact: 12/31/2007
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 10/01/2007
Next Scheduled EDR Contact: 12/31/2007
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 12/03/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 11/15/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 10/02/2007
Date Data Arrived at EDR: 10/03/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 35

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 10/01/2007
Next Scheduled EDR Contact: 12/31/2007
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 11/26/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Annually

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 10/10/2007
Date Data Arrived at EDR: 10/11/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 21

Source: SWRCB
Telephone: 916-480-1028
Last EDR Contact: 10/11/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: Semi-Annually

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/25/2007
Date Data Arrived at EDR: 09/25/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 37

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 09/24/2007
Next Scheduled EDR Contact: 12/24/2007
Data Release Frequency: Varies

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/27/2007
Date Data Arrived at EDR: 08/28/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/05/2007
Next Scheduled EDR Contact: 02/04/2008
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.

Date of Government Version: 09/17/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/18/2007	Telephone: 916-341-5712
Date Made Active in Reports: 11/01/2007	Last EDR Contact: 11/13/2007
Number of Days to Update: 44	Next Scheduled EDR Contact: 01/28/2008
	Data Release Frequency: Quarterly

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2005	Source: Office of Emergency Services
Date Data Arrived at EDR: 02/23/2007	Telephone: 916-845-8400
Date Made Active in Reports: 04/06/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/1993	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/01/1993	Telephone: 916-445-3846
Date Made Active in Reports: 11/19/1993	Last EDR Contact: 10/15/2007
Number of Days to Update: 18	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 10/02/2007	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/03/2007	Telephone: 916-323-3400
Date Made Active in Reports: 11/07/2007	Last EDR Contact: 10/03/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/28/2007
Date Data Arrived at EDR: 08/29/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/28/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 07/31/2007
Date Data Arrived at EDR: 07/31/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 9

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 10/15/2007
Next Scheduled EDR Contact: 12/31/2007
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 09/30/2007
Date Data Arrived at EDR: 10/31/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 7

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 10/23/2007
Next Scheduled EDR Contact: 01/21/2008
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 09/30/2007
Date Data Arrived at EDR: 10/15/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 10/15/2007
Next Scheduled EDR Contact: 01/21/2008
Data Release Frequency: Varies

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 08/28/2007
Date Data Arrived at EDR: 08/29/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/28/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 10/04/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 34

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 11/07/2007
Next Scheduled EDR Contact: 02/04/2008
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2005	Source: California Air Resources Board
Date Data Arrived at EDR: 04/17/2007	Telephone: 916-322-2990
Date Made Active in Reports: 05/10/2007	Last EDR Contact: 10/18/2007
Number of Days to Update: 23	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Varies

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 09/17/2007	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 09/18/2007	Telephone: 916-341-6422
Date Made Active in Reports: 09/28/2007	Last EDR Contact: 12/10/2007
Number of Days to Update: 10	Next Scheduled EDR Contact: 03/10/2008
	Data Release Frequency: Varies

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 08/28/2007	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/29/2007	Telephone: 916-323-3400
Date Made Active in Reports: 09/26/2007	Last EDR Contact: 11/28/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 02/25/2008
	Data Release Frequency: Quarterly

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/09/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/04/2008
	Data Release Frequency: Semi-Annually

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2007	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005	Source: EPA Region 6
Date Data Arrived at EDR: 01/21/2005	Telephone: 214-665-6597
Date Made Active in Reports: 02/28/2005	Last EDR Contact: 11/15/2007
Number of Days to Update: 38	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2007	Source: EPA Region 8
Date Data Arrived at EDR: 09/07/2007	Telephone: 303-312-6271
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/05/2007	Source: EPA Region 4
Date Data Arrived at EDR: 10/02/2007	Telephone: 404-562-8677
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 9	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006	Source: EPA Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 09/12/2007	Source: EPA Region 10
Date Data Arrived at EDR: 09/14/2007	Telephone: 206-553-2857
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/11/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/14/2007	Telephone: 415-972-3372
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 06/01/2007	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 08/31/2007	Source: EPA Region 6
Date Data Arrived at EDR: 08/31/2007	Telephone: 214-665-7591
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 09/11/2007	Source: EPA Region 9
Date Data Arrived at EDR: 09/14/2007	Telephone: 415-972-3368
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006	Source: EPA, Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 08/27/2007	Source: EPA Region 8
Date Data Arrived at EDR: 09/07/2007	Telephone: 303-312-6137
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 09/05/2007	Source: EPA Region 4
Date Data Arrived at EDR: 10/02/2007	Telephone: 404-562-9424
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 9	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 09/12/2007	Source: EPA Region 10
Date Data Arrived at EDR: 09/14/2007	Telephone: 206-553-2857
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 11/15/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 11/15/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

FEDERAL RECORDS

COLLEGES: Integrated Postsecondary Education Data

The National Center for Education Statistics' primary database on integrated postsecondary education in the United States.

Date of Government Version: N/A
Date Data Arrived at EDR: 10/12/2005
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: National Center for Education Statistics
Telephone: 202-502-7300
Last EDR Contact: 09/22/2006
Next Scheduled EDR Contact: N/A
Data Release Frequency: N/A

PUBLIC SCHOOLS: Public Schools

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/13/2004
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: National Center for Education statistics
Telephone: 202-502-7300
Last EDR Contact: 10/10/2007
Next Scheduled EDR Contact: 01/07/2008
Data Release Frequency: N/A

PRIVATE SCHOOLS: Private Schools of the United States

The National Center for Education Statistics' primary database on private school locations in the United States.

Date of Government Version: N/A
Date Data Arrived at EDR: 10/07/2005
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: National Center for Education Statistics
Telephone: 202-502-7300
Last EDR Contact: 09/22/2006
Next Scheduled EDR Contact: N/A
Data Release Frequency: N/A

NURSING HOMES: Directory of Nursing Homes

Information on Medicare and Medicaid certified nursing homes in the United States.

Date of Government Version: N/A
Date Data Arrived at EDR: 10/11/2005
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: N/A
Telephone: 800-568-3282
Last EDR Contact: 09/22/2006
Next Scheduled EDR Contact: N/A
Data Release Frequency: N/A

MEDICAL CENTERS: Provider of Services Listing

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health & Human Services.

Date of Government Version: 06/01/1998
Date Data Arrived at EDR: 11/10/2005
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
Last EDR Contact: 01/12/2007
Next Scheduled EDR Contact: N/A
Data Release Frequency: N/A

HOSPITALS: AHA Hospital Guide

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: 10/19/1994
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: American Hospital Association
Telephone: 800-242-2626
Last EDR Contact: 09/22/2006
Next Scheduled EDR Contact: N/A
Data Release Frequency: N/A

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/22/2007
Date Data Arrived at EDR: 10/23/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 15

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/22/2007
Next Scheduled EDR Contact: 01/21/2008
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 08/03/2007
Date Data Arrived at EDR: 08/07/2007
Date Made Active in Reports: 09/24/2007
Number of Days to Update: 48

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 11/05/2007
Next Scheduled EDR Contact: 01/21/2008
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 09/14/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 14

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 11/26/2007
Next Scheduled EDR Contact: 02/25/2008
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/09/2007
Date Data Arrived at EDR: 10/10/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 28

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 11/05/2007
Next Scheduled EDR Contact: 02/04/2008
Data Release Frequency: Semi-Annually

KERN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 10/03/2007
Date Data Arrived at EDR: 10/04/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 28

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 12/03/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 07/07/1999
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 07/16/2007
Next Scheduled EDR Contact: 10/15/2007
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/11/2007
Date Data Arrived at EDR: 10/23/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 15

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 11/13/2007
Next Scheduled EDR Contact: 02/11/2008
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 08/17/2007
Date Data Arrived at EDR: 09/24/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 4

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 11/14/2007
Next Scheduled EDR Contact: 02/11/2008
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 12/10/2007
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/30/2007
Date Data Arrived at EDR: 07/11/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 29

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 11/13/2007
Next Scheduled EDR Contact: 02/11/2008
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/13/2007
Date Data Arrived at EDR: 09/24/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 38

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 11/13/2007
Next Scheduled EDR Contact: 02/11/2008
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 11/16/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 09/24/2007
Date Data Arrived at EDR: 09/25/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 37

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 11/26/2007
Next Scheduled EDR Contact: 02/11/2008
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 08/06/2007
Date Data Arrived at EDR: 09/24/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 38

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 11/29/2007
Next Scheduled EDR Contact: 01/28/2008
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 09/24/2007
Date Data Arrived at EDR: 09/25/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 3

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/24/2007
Next Scheduled EDR Contact: 12/24/2007
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 09/24/2007
Date Data Arrived at EDR: 09/25/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 37

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/24/2007
Next Scheduled EDR Contact: 12/24/2007
Data Release Frequency: Annually

ORANGE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 08/01/2007
Date Data Arrived at EDR: 09/28/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 40

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 12/06/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/01/2007
Date Data Arrived at EDR: 09/28/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 40

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 12/06/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2007
Date Data Arrived at EDR: 09/25/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 37

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 12/06/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/23/2007
Date Data Arrived at EDR: 07/23/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 17

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 09/17/2007
Next Scheduled EDR Contact: 12/17/2007
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 08/06/2007
Date Data Arrived at EDR: 08/07/2007
Date Made Active in Reports: 09/26/2007
Number of Days to Update: 50

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 10/15/2007
Next Scheduled EDR Contact: 01/14/2008
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 08/06/2007
Date Data Arrived at EDR: 08/07/2007
Date Made Active in Reports: 09/24/2007
Number of Days to Update: 48

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 10/15/2007
Next Scheduled EDR Contact: 01/14/2008
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Contaminated Sites

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 10/29/2007
Date Data Arrived at EDR: 10/30/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 8

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/26/2007
Next Scheduled EDR Contact: 01/28/2008
Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 10/29/2007
Date Data Arrived at EDR: 10/30/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 8

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/26/2007
Next Scheduled EDR Contact: 01/28/2008
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 09/27/2007
Date Data Arrived at EDR: 09/28/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 40

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 12/03/2007
Next Scheduled EDR Contact: 12/03/2007
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 05/16/2005
Date Data Arrived at EDR: 05/18/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 29

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 10/05/2007
Next Scheduled EDR Contact: 12/31/2007
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2006
Date Data Arrived at EDR: 01/03/2007
Date Made Active in Reports: 01/24/2007
Number of Days to Update: 21

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 11/19/2007
Next Scheduled EDR Contact: 02/18/2008
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 08/22/2007	Source: San Diego County Department of Environmental Health
Date Data Arrived at EDR: 10/03/2007	Telephone: 619-338-2371
Date Made Active in Reports: 11/07/2007	Last EDR Contact: 10/03/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/07/2007	Source: Department Of Public Health San Francisco County
Date Data Arrived at EDR: 09/07/2007	Telephone: 415-252-3920
Date Made Active in Reports: 09/28/2007	Last EDR Contact: 12/03/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/03/2008
	Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 09/07/2007	Source: Department of Public Health
Date Data Arrived at EDR: 09/07/2007	Telephone: 415-252-3920
Date Made Active in Reports: 09/24/2007	Last EDR Contact: 12/03/2007
Number of Days to Update: 17	Next Scheduled EDR Contact: 03/03/2008
	Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 08/21/2007	Source: Environmental Health Department
Date Data Arrived at EDR: 08/22/2007	Telephone: N/A
Date Made Active in Reports: 09/24/2007	Last EDR Contact: 10/15/2007
Number of Days to Update: 33	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 10/24/2007	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 10/25/2007	Telephone: 650-363-1921
Date Made Active in Reports: 11/07/2007	Last EDR Contact: 10/09/2007
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/07/2008
	Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 10/09/2007	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 10/10/2007	Telephone: 650-363-1921
Date Made Active in Reports: 11/07/2007	Last EDR Contact: 10/09/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/07/2008
	Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 09/24/2007
Next Scheduled EDR Contact: 12/24/2007
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/26/2007
Date Data Arrived at EDR: 03/27/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 31

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 09/24/2007
Next Scheduled EDR Contact: 12/24/2007
Data Release Frequency: Varies

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 09/17/2007
Date Data Arrived at EDR: 09/17/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 11

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 12/03/2007
Next Scheduled EDR Contact: 03/03/2008
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 09/24/2007
Date Data Arrived at EDR: 10/23/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 15

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/24/2007
Next Scheduled EDR Contact: 12/24/2007
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/24/2007
Date Data Arrived at EDR: 10/23/2007
Date Made Active in Reports: 11/01/2007
Number of Days to Update: 9

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/24/2007
Next Scheduled EDR Contact: 12/24/2007
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/22/2007
Date Data Arrived at EDR: 10/23/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 15

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 10/22/2007
Next Scheduled EDR Contact: 01/21/2008
Data Release Frequency: Quarterly

SUTTER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 05/04/2007	Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 05/04/2007	Telephone: 530-822-7500
Date Made Active in Reports: 05/24/2007	Last EDR Contact: 10/01/2007
Number of Days to Update: 20	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 08/24/2007	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 10/04/2007	Telephone: 805-654-2813
Date Made Active in Reports: 11/07/2007	Last EDR Contact: 09/12/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 12/10/2007
	Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/2007	Source: Environmental Health Division
Date Data Arrived at EDR: 08/29/2007	Telephone: 805-654-2813
Date Made Active in Reports: 09/26/2007	Last EDR Contact: 11/19/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 02/18/2008
	Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 08/27/2007	Source: Environmental Health Division
Date Data Arrived at EDR: 10/02/2007	Telephone: 805-654-2813
Date Made Active in Reports: 11/07/2007	Last EDR Contact: 09/12/2007
Number of Days to Update: 36	Next Scheduled EDR Contact: 12/10/2007
	Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 09/26/2007	Source: Environmental Health Division
Date Data Arrived at EDR: 10/11/2007	Telephone: 805-654-2813
Date Made Active in Reports: 11/01/2007	Last EDR Contact: 10/11/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/07/2008
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 07/30/2007	Source: Yolo County Department of Health
Date Data Arrived at EDR: 09/04/2007	Telephone: 530-666-8646
Date Made Active in Reports: 09/24/2007	Last EDR Contact: 10/15/2007
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/14/2008
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2005	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/15/2007	Telephone: 860-424-3375
Date Made Active in Reports: 08/20/2007	Last EDR Contact: 09/12/2007
Number of Days to Update: 66	Next Scheduled EDR Contact: 12/10/2007
	Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 04/01/2007	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/05/2007	Telephone: N/A
Date Made Active in Reports: 05/08/2007	Last EDR Contact: 11/07/2007
Number of Days to Update: 33	Next Scheduled EDR Contact: 12/31/2007
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/27/2007	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 08/30/2007	Telephone: 518-402-8651
Date Made Active in Reports: 09/21/2007	Last EDR Contact: 11/29/2007
Number of Days to Update: 22	Next Scheduled EDR Contact: 02/25/2008
	Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/23/2007	Telephone: N/A
Date Made Active in Reports: 09/27/2007	Last EDR Contact: 12/10/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/10/2007
	Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 04/09/2007	Source: Department of Environmental Management
Date Data Arrived at EDR: 04/12/2007	Telephone: 401-222-2797
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 10/16/2007
Number of Days to Update: 15	Next Scheduled EDR Contact: 12/17/2007
	Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006	Source: Department of Natural Resources
Date Data Arrived at EDR: 04/27/2007	Telephone: N/A
Date Made Active in Reports: 06/08/2007	Last EDR Contact: 10/09/2007
Number of Days to Update: 42	Next Scheduled EDR Contact: 01/07/2008
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

WAL-MART #2044-03 EXPANSION
2044 FOREST AVE
CHICO, CA 95928

TARGET PROPERTY COORDINATES

Latitude (North):	39.72202 - 39° 43' 19.3"
Longitude (West):	121.80262 - 121° 48' 9.4"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	602625.3
UTM Y (Meters):	4397381.0
Elevation:	228 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	39121-F7 CHICO, CA
Most Recent Revision:	1978

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

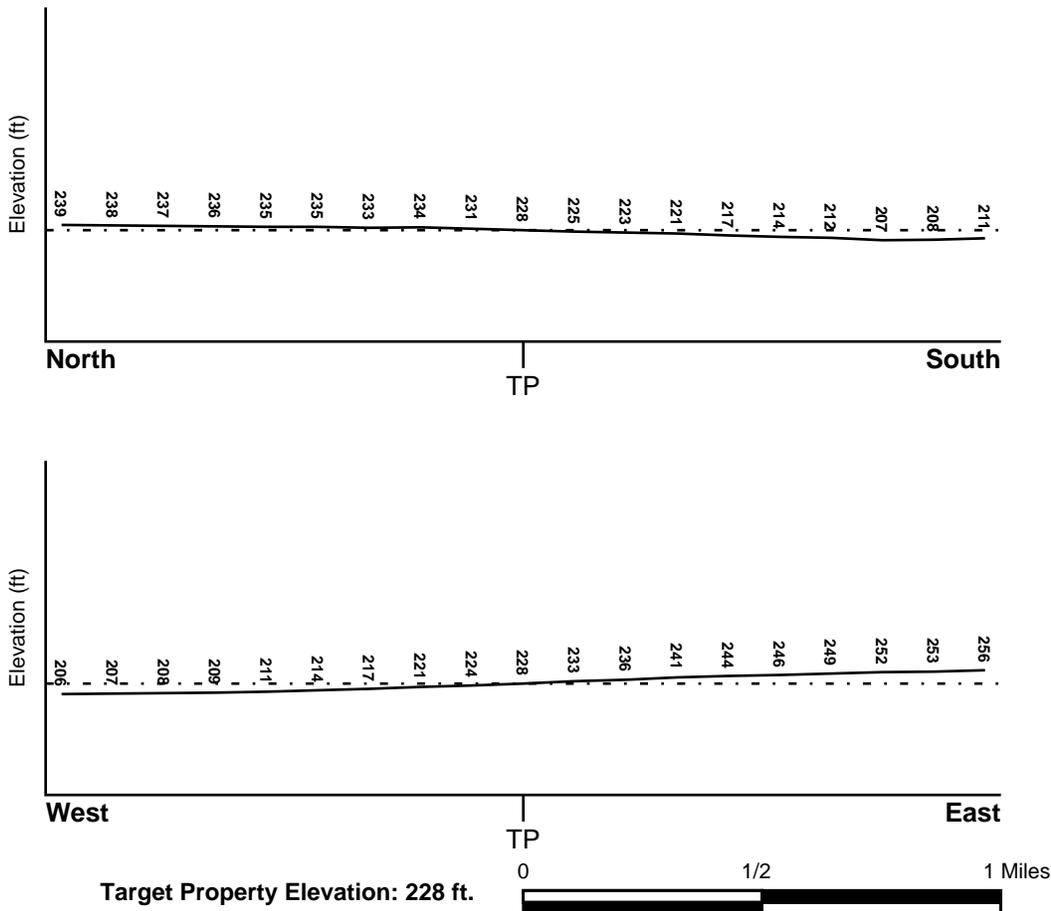
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u>	<u>FEMA Flood Electronic Data</u>
BUTTE, CA	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
CHICO	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: TUSCAN

Soil Surface Texture: cobbly - loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	10 inches	cobbly - loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 6.50 Min: 5.10
2	10 inches	17 inches	cobbly - clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 7.30 Min: 5.60
3	17 inches	22 inches	indurated	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: gravelly - clay
gravelly - loam
sandy loam

Surficial Soil Types: gravelly - clay
gravelly - loam
sandy loam

Shallow Soil Types: loam
sandy clay loam
clay loam

Deeper Soil Types: stratified

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
3	USGS3228038	1/2 - 1 Mile SSW
A5	USGS3228037	1/2 - 1 Mile SSE
6	USGS3228036	1/2 - 1 Mile South
B7	USGS3228042	1/2 - 1 Mile West
B8	USGS3228043	1/2 - 1 Mile West

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

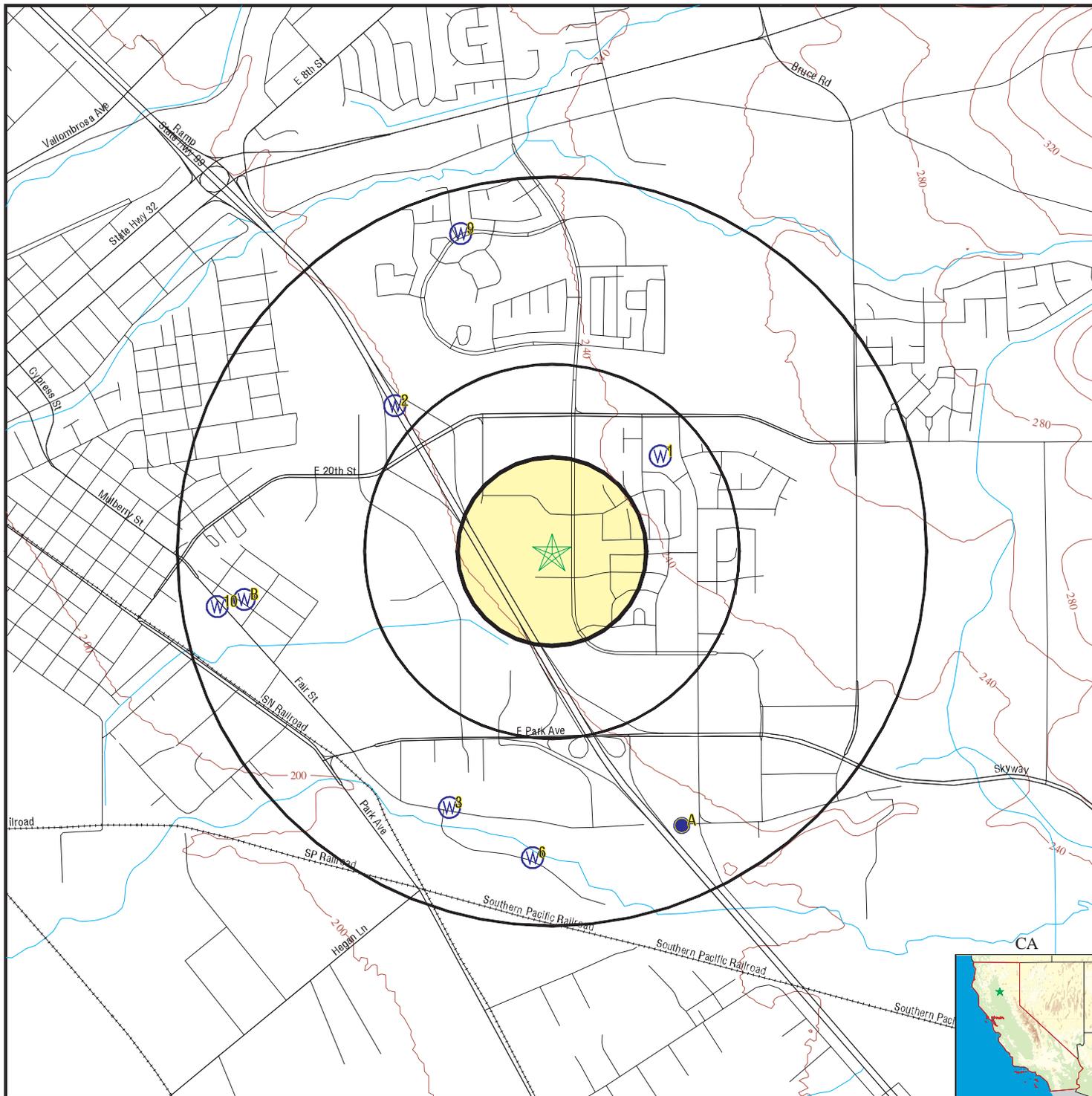
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	15269	1/4 - 1/2 Mile NE
2	15236	1/2 - 1 Mile NW
A4	15250	1/2 - 1 Mile SSE
9	15233	1/2 - 1 Mile NNW
10	15258	1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 2097385.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Wal-Mart #2044-03 Expansion
 ADDRESS: 2044 Forest Ave
 Chico CA 95928
 LAT/LONG: 39.7220 / 121.8026

CLIENT: GEOPlus, Inc.
 CONTACT: Bill Bergmann
 INQUIRY #: 2097385.2s
 DATE: December 11, 2007 1:36 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
NE
1/4 - 1/2 Mile
Higher

CA WELLS **15269**

Water System Information:

Prime Station Code:	22N/02E-31B01 M	User ID:	BUG
FRDS Number:	0410002053	County:	Butte
District Number:	02	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	394333.6 1214746.4	Precision:	10 Feet (1/10 Second)
Source Name:	WELL 53-01		
System Number:	0410002		
System Name:	Cal-Water Service Co.-Chico		
Organization That Operates System:	Not Reported		
	Chico, CA 95926		
Pop Served:	75100	Connections:	21152
Area Served:	CHICO		
Sample Collected:	05/08/2002 00:00:00	Findings:	3 UG/L
Chemical:	CHROMIUM (TOTAL CR-CRVI SCREEN)		
Sample Collected:	05/08/2002 00:00:00	Findings:	3 UG/L
Chemical:	CHROMIUM (TOTAL CR-CRVI SCREEN)		
Sample Collected:	05/08/2002 00:00:00	Findings:	1.1 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	07/10/2002 00:00:00	Findings:	3 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/29/2002 00:00:00	Findings:	1.5 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	02/11/2003 00:00:00	Findings:	.55 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/08/2003 00:00:00	Findings:	.61 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/07/2003 00:00:00	Findings:	.45 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/09/2003 00:00:00	Findings:	3 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/07/2003 00:00:00	Findings:	.5 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/20/2004 00:00:00	Findings:	20 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/20/2004 00:00:00	Findings:	1 UNITS
Chemical:	COLOR		
Sample Collected:	07/20/2004 00:00:00	Findings:	224 US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/20/2004 00:00:00	Findings:	7.58
Chemical:	PH, LABORATORY		
Sample Collected:	07/20/2004 00:00:00	Findings:	106 MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	07/20/2004 00:00:00	Findings:	98 MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/20/2004 00:00:00	Findings:	18.4 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/20/2004 00:00:00	Findings:	10.946 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/20/2004 00:00:00	Findings:	8.943 MG/L
Chemical:	SODIUM		
Sample Collected:	07/20/2004 00:00:00	Findings:	1.278
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	07/20/2004 00:00:00	Findings:	1.314 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/20/2004 00:00:00	Findings:	1.905 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/20/2004 00:00:00	Findings:	37.628 UG/L
Chemical:	VANADIUM		
Sample Collected:	07/20/2004 00:00:00	Findings:	157 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/20/2004 00:00:00	Findings:	2.803 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/20/2004 00:00:00	Findings:	.1 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	07/20/2004 00:00:00	Findings:	633.198 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/20/2004 00:00:00	Findings:	5.116 UG/L
Chemical:	CHROMIUM (TOTAL CR-CRVI SCREEN)		
Sample Collected:	07/20/2004 00:00:00	Findings:	11.6
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	10/25/2004 00:00:00	Findings:	7.8
Chemical:	PH, FIELD		
Sample Collected:	11/01/2004 00:00:00	Findings:	7.8
Chemical:	PH, FIELD		
Sample Collected:	11/08/2004 00:00:00	Findings:	7.9
Chemical:	PH, FIELD		
Sample Collected:	11/22/2004 00:00:00	Findings:	7.7
Chemical:	PH, FIELD		
Sample Collected:	12/06/2004 00:00:00	Findings:	7.7
Chemical:	PH, FIELD		
Sample Collected:	12/13/2004 00:00:00	Findings:	7.8
Chemical:	PH, FIELD		
Sample Collected:	12/27/2004 00:00:00	Findings:	7.9
Chemical:	PH, FIELD		
Sample Collected:	01/04/2005 00:00:00	Findings:	7.9
Chemical:	PH, FIELD		
Sample Collected:	06/20/2005 00:00:00	Findings:	7.8
Chemical:	PH, FIELD		
Sample Collected:	07/06/2005 00:00:00	Findings:	2.792 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/11/2005 00:00:00	Findings:	7.9
Chemical:	PH, FIELD		
Sample Collected:	07/25/2005 00:00:00	Findings:	7.9
Chemical:	PH, FIELD		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/01/2005 00:00:00	Findings:	7.9
Chemical:	PH, FIELD		
Sample Collected:	08/08/2005 00:00:00	Findings:	8.2
Chemical:	PH, FIELD		
Sample Collected:	08/15/2005 00:00:00	Findings:	7.9
Chemical:	PH, FIELD		
Sample Collected:	09/12/2005 00:00:00	Findings:	7.9
Chemical:	PH, FIELD		
Sample Collected:	09/26/2005 00:00:00	Findings:	7.8
Chemical:	PH, FIELD		
Sample Collected:	10/11/2005 00:00:00	Findings:	7.9
Chemical:	PH, FIELD		
Sample Collected:	10/17/2005 00:00:00	Findings:	7.9
Chemical:	PH, FIELD		
Sample Collected:	11/21/2005 00:00:00	Findings:	7.5
Chemical:	PH, FIELD		
Sample Collected:	07/12/2006 00:00:00	Findings:	3.939 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/23/2007 00:00:00	Findings:	.333 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	04/10/2007 00:00:00	Findings:	.24 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	04/10/2007 00:00:00	Findings:	1 PCI/L
Chemical:	RADIUM 228 MDA95		
Sample Collected:	07/05/2007 00:00:00	Findings:	.25 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	07/05/2007 00:00:00	Findings:	1 PCI/L
Chemical:	RADIUM 228 MDA95		
Sample Collected:	07/10/2007 00:00:00	Findings:	23.2 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/10/2007 00:00:00	Findings:	1 UNITS
Chemical:	COLOR		
Sample Collected:	07/10/2007 00:00:00	Findings:	218 US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/10/2007 00:00:00	Findings:	7.86
Chemical:	PH, LABORATORY		
Sample Collected:	07/10/2007 00:00:00	Findings:	112 MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	07/10/2007 00:00:00	Findings:	110.89 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/10/2007 00:00:00	Findings:	1.109 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	07/10/2007 00:00:00	Findings:	96 MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	07/10/2007 00:00:00	Findings:	24 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/10/2007 00:00:00	Findings:	11.917 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/10/2007 00:00:00	Findings:	8.856 MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/10/2007 00:00:00	Findings:	1.278
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	07/10/2007 00:00:00	Findings:	1.398 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/10/2007 00:00:00	Findings:	2.784 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/10/2007 00:00:00	Findings:	31.78 UG/L
Chemical:	VANADIUM		
Sample Collected:	07/10/2007 00:00:00	Findings:	204 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/10/2007 00:00:00	Findings:	3.443 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/10/2007 00:00:00	Findings:	.1 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	07/10/2007 00:00:00	Findings:	11.891
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/10/2007 00:00:00	Findings:	879.774 UG/L
Chemical:	NITRATE + NITRITE (AS N)		

**2
NW
1/2 - 1 Mile
Lower**

CA WELLS 15236

Water System Information:

Prime Station Code:	22N/01E-25R01 M	User ID:	BUG
FRDS Number:	0410002061	County:	Butte
District Number:	02	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	394340.0 1214834.2	Precision:	10 Feet (1/10 Second)
Source Name:	WELL 61-01		
System Number:	0410002		
System Name:	Cal-Water Service Co.-Chico		
Organization That Operates System:	Not Reported		
	Chico, CA 95926		
Pop Served:	75100	Connections:	21152
Area Served:	CHICO		
Sample Collected:	04/20/2004 00:00:00	Findings:	230 US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/20/2004 00:00:00	Findings:	8
Chemical:	PH, LABORATORY		
Sample Collected:	04/20/2004 00:00:00	Findings:	110 MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	04/20/2004 00:00:00	Findings:	110 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/20/2004 00:00:00	Findings:	97 MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	04/20/2004 00:00:00	Findings:	19 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/20/2004 00:00:00	Findings:	12 MG/L
Chemical:	MAGNESIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/20/2004 00:00:00	Findings:	12 MG/L
Chemical:	SODIUM		
Sample Collected:	04/20/2004 00:00:00	Findings:	2 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/20/2004 00:00:00	Findings:	6 MG/L
Chemical:	CHLORIDE		
Sample Collected:	04/20/2004 00:00:00	Findings:	170 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/20/2004 00:00:00	Findings:	.22
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	04/20/2004 00:00:00	Findings:	3 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/20/2004 00:00:00	Findings:	2 UG/L
Chemical:	CHROMIUM (TOTAL CR-CRVI SCREEN)		
Sample Collected:	04/20/2004 00:00:00	Findings:	12
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/15/2004 00:00:00	Findings:	1.3 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/15/2004 00:00:00	Findings:	.58 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	10/19/2004 00:00:00	Findings:	1.3 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/19/2004 00:00:00	Findings:	.32 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	04/06/2005 00:00:00	Findings:	2.354 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/10/2006 00:00:00	Findings:	3 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/03/2007 00:00:00	Findings:	19 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	04/03/2007 00:00:00	Findings:	1 UNITS
Chemical:	COLOR		
Sample Collected:	04/03/2007 00:00:00	Findings:	225 US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/03/2007 00:00:00	Findings:	7.93
Chemical:	PH, LABORATORY		
Sample Collected:	04/03/2007 00:00:00	Findings:	108 MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	04/03/2007 00:00:00	Findings:	106.745 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/03/2007 00:00:00	Findings:	1.254 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	04/03/2007 00:00:00	Findings:	94.94 MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	04/03/2007 00:00:00	Findings:	24.24 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/03/2007 00:00:00	Findings:	10.89 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/03/2007 00:00:00	Findings:	10.611 MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/03/2007 00:00:00	Findings:	1.54
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	04/03/2007 00:00:00	Findings:	2.183 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/03/2007 00:00:00	Findings:	5.076 MG/L
Chemical:	CHLORIDE		
Sample Collected:	04/03/2007 00:00:00	Findings:	27.64 UG/L
Chemical:	VANADIUM		
Sample Collected:	04/03/2007 00:00:00	Findings:	142 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/03/2007 00:00:00	Findings:	2.891 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/03/2007 00:00:00	Findings:	.05 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	04/03/2007 00:00:00	Findings:	11.941
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	04/03/2007 00:00:00	Findings:	781.077 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/23/2007 00:00:00	Findings:	7.6
Chemical:	PH, FIELD		
Sample Collected:	07/30/2007 00:00:00	Findings:	7.7
Chemical:	PH, FIELD		
Sample Collected:	01/31/2002 00:00:00	Findings:	3 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/08/2002 00:00:00	Findings:	3 UG/L
Chemical:	CHROMIUM (TOTAL CR-CRVI SCREEN)		
Sample Collected:	05/08/2002 00:00:00	Findings:	3 UG/L
Chemical:	CHROMIUM (TOTAL CR-CRVI SCREEN)		
Sample Collected:	02/03/2003 00:00:00	Findings:	3 MG/L
Chemical:	NITRATE (AS NO3)		

3
SSW
1/2 - 1 Mile
Lower

FED USGS USGS3228038

Agency cd:	USGS	Site no:	394244121482401
Site name:	022N001E36R003M		
Latitude:	394244		
Longitude:	1214824	Dec lat:	39.71210603
Dec lon:	-121.80775496	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	007
Country:	US	Land net:	SESESES36 T22N R01E M
Location map:	CHICO	Map scale:	24000
Altitude:	205.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	SacramentoLower Thames. California. Area = 1120 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19680327
Date inventoried:	19750519	Mean greenwich time offset:	PST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	53	Hole depth:	100
Source of depth data:	driller		
Project number:	6479423708		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1975-10-09
Water quality data end date:	1975-10-09	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

A4
SSE
1/2 - 1 Mile
Lower

CA WELLS 15250

Water System Information:

Prime Station Code:	22N/01E-31Q01 M	User ID:	BUG
FRDS Number:	0410002040	County:	Butte
District Number:	02	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	394241.3 1214744.2	Precision:	10 Feet (1/10 Second)
Source Name:	WELL 41-01		
System Number:	0410002		
System Name:	Cal-Water Service Co.-Chico		
Organization That Operates System:	Not Reported		
	Chico, CA 95926		
Pop Served:	75100	Connections:	21152
Area Served:	CHICO		
Sample Collected:	09/04/2002 00:00:00	Findings:	3 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/04/2002 00:00:00	Findings:	2 UG/L
Chemical:	CHROMIUM (TOTAL CR-CRVI SCREEN)		
Sample Collected:	01/16/2003 00:00:00	Findings:	24 UG/L
Chemical:	VANADIUM		
Sample Collected:	02/12/2003 00:00:00	Findings:	.66 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/07/2003 00:00:00	Findings:	.89 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/07/2003 00:00:00	Findings:	.71 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/22/2003 00:00:00	Findings:	29 UG/L
Chemical:	VANADIUM		
Sample Collected:	09/16/2003 00:00:00	Findings:	22 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	09/16/2003 00:00:00	Findings:	1 UNITS
Chemical:	COLOR		
Sample Collected:	09/16/2003 00:00:00	Findings:	238 US
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/16/2003 00:00:00	Findings:	7.86
Chemical:	PH, LABORATORY		
Sample Collected:	09/16/2003 00:00:00	Findings:	121 MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	09/16/2003 00:00:00	Findings:	146 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/16/2003 00:00:00	Findings:	107 MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	09/16/2003 00:00:00	Findings:	20 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/16/2003 00:00:00	Findings:	14 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/16/2003 00:00:00	Findings:	9 MG/L
Chemical:	SODIUM		
Sample Collected:	09/16/2003 00:00:00	Findings:	9
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	09/16/2003 00:00:00	Findings:	2.1 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/16/2003 00:00:00	Findings:	1 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/16/2003 00:00:00	Findings:	180 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/16/2003 00:00:00	Findings:	3 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	09/16/2003 00:00:00	Findings:	3 UG/L
Chemical:	CHROMIUM (TOTAL CR-CRVI SCREEN)		
Sample Collected:	09/16/2003 00:00:00	Findings:	12
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	11/16/2003 00:00:00	Findings:	1.12 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/15/2004 00:00:00	Findings:	4.474 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08/04/2005 00:00:00	Findings:	3.696 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08/22/2006 00:00:00	Findings:	220 US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/22/2006 00:00:00	Findings:	8.1
Chemical:	PH, LABORATORY		
Sample Collected:	08/22/2006 00:00:00	Findings:	120 MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃		
Sample Collected:	08/22/2006 00:00:00	Findings:	150 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/22/2006 00:00:00	Findings:	98 MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO ₃		
Sample Collected:	08/22/2006 00:00:00	Findings:	18 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/22/2006 00:00:00	Findings:	13 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/22/2006 00:00:00	Findings:	8.7 MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/22/2006 00:00:00	Findings:	2 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/22/2006 00:00:00	Findings:	190 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/22/2006 00:00:00	Findings:	.36
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	08/22/2006 00:00:00	Findings:	4 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/07/2007 00:00:00	Findings:	.28 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		

**A5
SSE
1/2 - 1 Mile
Lower**

FED USGS USGS3228037

Agency cd:	USGS	Site no:	394242121474001
Site name:	022N002E31Q001M		
Latitude:	394242		
Longitude:	1214740	Dec lat:	39.71155057
Dec lon:	-121.79553259	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	007
Country:	US	Land net:	SWSWSES31 T22N R02E M
Location map:	CHICO	Map scale:	24000
Altitude:	216.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lower Butte. California. Area = 593 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19660602
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	590	Hole depth:	596
Source of depth data:	driller		
Project number:	0479435800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1976-09-09
Water quality data end date:	1976-09-09	Water quality data count:	1
Ground water data begin date:	1966-06-02	Ground water data end date:	1966-06-02
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1966-06-02	69.00	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

6
South
1/2 - 1 Mile
Lower

FED USGS USGS3228036

Agency cd:	USGS	Site no:	394237121480901
Site name:	021N002E06D001M		
Latitude:	394237		
Longitude:	1214809	Dec lat:	39.71016163
Dec lon:	-121.80358823	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	007
Country:	US	Land net:	NENWNWS06 T21N R02E M
Location map:	CHICO	Map scale:	24000
Altitude:	205.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lower Butte. California. Area = 593 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19621006
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	52	Hole depth:	92
Source of depth data:	driller		
Project number:	6479423709		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

B7
West
1/2 - 1 Mile
Lower

FED USGS USGS3228042

Agency cd:	USGS	Site no:	394313121490101
Site name:	022N001E36F001M		
Latitude:	394313		
Longitude:	1214901	Dec lat:	39.72016144
Dec lon:	-121.81803291	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	007
Country:	US	Land net:	Not Reported
Location map:	CHICO	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	203.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lower Butte. California. Area = 593 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	100	Hole depth:	300
Source of depth data:	Not Reported		
Project number:	0479435800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

B8
West
1/2 - 1 Mile
Lower

FED USGS USGS3228043

Agency cd:	USGS	Site no:	394313121490102
Site name:	022N001E36F002M		
Latitude:	394313		
Longitude:	1214901	Dec lat:	39.72016144
Dec lon:	-121.81803291	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	007
Country:	US	Land net:	Not Reported
Location map:	CHICO	Map scale:	24000
Altitude:	203.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lower Butte. California. Area = 593 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19560101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	210	Hole depth:	500
Source of depth data:	Not Reported		
Project number:	0479435800		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 0000-00-00
 Ground water data count: 0

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 0000-00-00

Ground-water levels, Number of Measurements: 0

9
NNW
1/2 - 1 Mile
Higher

CA WELLS 15233

Water System Information:

Prime Station Code: 22N/01E-25A02 M	User ID: BUG	
FRDS Number: 0410002057	County: Butte	
District Number: 02	Station Type: WELL/AMBNT/MUN/INTAKE	
Water Type: Well/Groundwater	Well Status: Active Untreated	
Source Lat/Long: 394404.9 1214822.3	Precision: 10 Feet (1/10 Second)	
Source Name: WELL 57-01		
System Number: 0410002		
System Name: Cal-Water Service Co.-Chico		
Organization That Operates System:		
Not Reported		
Chico, CA 95926		
Pop Served: 75100	Connections: 21152	
Area Served: CHICO		
Sample Collected: 05/08/2002 00:00:00	Findings: 3 UG/L	
Chemical: CHROMIUM (TOTAL CR-CRVI SCREEN)		
Sample Collected: 05/08/2002 00:00:00	Findings: 3 UG/L	
Chemical: CHROMIUM (TOTAL CR-CRVI SCREEN)		
Sample Collected: 10/04/2006 00:00:00	Findings: 5.527 MG/L	
Chemical: NITRATE (AS NO3)		
Sample Collected: 11/04/2002 00:00:00	Findings: 4 MG/L	
Chemical: NITRATE (AS NO3)		
Sample Collected: 11/06/2003 00:00:00	Findings: 4 MG/L	
Chemical: NITRATE (AS NO3)		
Sample Collected: 05/06/2004 00:00:00	Findings: .31 PCI/L	
Chemical: RADIUM 228 COUNTING ERROR		
Sample Collected: 08/09/2004 00:00:00	Findings: 1.4 PCI/L	
Chemical: GROSS ALPHA COUNTING ERROR		
Sample Collected: 08/09/2004 00:00:00	Findings: .55 PCI/L	
Chemical: RADIUM 228 COUNTING ERROR		
Sample Collected: 10/19/2004 00:00:00	Findings: 1 UNITS	
Chemical: COLOR		
Sample Collected: 10/19/2004 00:00:00	Findings: 238 US	
Chemical: SPECIFIC CONDUCTANCE		
Sample Collected: 10/19/2004 00:00:00	Findings: 7.56	
Chemical: PH, LABORATORY		
Sample Collected: 10/19/2004 00:00:00	Findings: 114 MG/L	
Chemical: ALKALINITY (TOTAL) AS CaCO3		
Sample Collected: 10/19/2004 00:00:00	Findings: 104 MG/L	
Chemical: HARDNESS (TOTAL) AS CaCO3		
Sample Collected: 10/19/2004 00:00:00	Findings: 20.8 MG/L	
Chemical: CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/19/2004 00:00:00	Findings:	10.616 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/19/2004 00:00:00	Findings:	10.848 MG/L
Chemical:	SODIUM		
Sample Collected:	10/19/2004 00:00:00	Findings:	1.504
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	10/19/2004 00:00:00	Findings:	1.737 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/19/2004 00:00:00	Findings:	6.599 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/19/2004 00:00:00	Findings:	22.781 UG/L
Chemical:	VANADIUM		
Sample Collected:	10/19/2004 00:00:00	Findings:	176 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/19/2004 00:00:00	Findings:	3.94 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/19/2004 00:00:00	Findings:	.15 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	10/19/2004 00:00:00	Findings:	947.046 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/19/2004 00:00:00	Findings:	3.368 UG/L
Chemical:	CHROMIUM (TOTAL CR-CRVI SCREEN)		
Sample Collected:	10/19/2004 00:00:00	Findings:	11.6
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	11/18/2004 00:00:00	Findings:	1.3 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/18/2004 00:00:00	Findings:	.41 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	10/13/2005 00:00:00	Findings:	3.988 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/21/2005 00:00:00	Findings:	7.8
Chemical:	PH, FIELD		

**10
West
1/2 - 1 Mile
Lower**

CA WELLS 15258

Water System Information:

Prime Station Code:	22N/01E-36F03 M	User ID:	BUG
FRDS Number:	0410002060	County:	Butte
District Number:	02	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	394312.7 1214906.9	Precision:	10 Feet (1/10 Second)
Source Name:	WELL 60-01		
System Number:	0410002		
System Name:	Cal-Water Service Co.-Chico		
Organization That Operates System:	Not Reported		
	Chico, CA 95926		
Pop Served:	75100	Connections:	21152
Area Served:	CHICO		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
95928	9	0	0.00

Federal EPA Radon Zone for BUTTE County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 95928

Number of sites tested: 7

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.600 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.000 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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EDR® Environmental
Data Resources Inc

The EDR-City Directory
Abstract

Wal-Mart #2044-03 Expansion
2044 Forest Ave
Chico, CA 95928

Inquiry Number: 2097385.6

Thursday, December 13, 2007

**The Standard in
Environmental Risk
Information**

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1971 through 2006. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources: December 13, 2007

Target Property:

2044 Forest Ave
Chico, CA 95928

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Address Not Listed in Research Source	Haines Criss-Cross Directory
1976	Address Not Listed in Research Source	Haines Criss-Cross Directory
1981	Address Not Listed in Research Source	Haines Criss-Cross Directory
1986	Address Not Listed in Research Source	Haines Criss-Cross Directory
1991	Address Not Listed in Research Source	Haines Criss-Cross Directory
1996	Wal Mart	Haines Criss-Cross Directory
2001	Wal Mart	Haines Criss-Cross Directory
2006	Wal Mart	Haines Criss-Cross Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
Chico, CA 95928

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Address Not Listed in Research Source	Haines Criss-Cross Directory
1976	Address Not Listed in Research Source	Haines Criss-Cross Directory
1981	Address Not Listed in Research Source	Haines Criss-Cross Directory
1986	Address Not Listed in Research Source	Haines Criss-Cross Directory
1991	<u>**Forest Avenue**</u>	Haines Criss-Cross Directory
	Office Building (4 Occupants) (2051)	Haines Criss-Cross Directory
	Office Building (2 OccupantS) (2053)	Haines Criss-Cross Directory
	Miracle Ear Center (2055)	Haines Criss-Cross Directory
	No other addresses in 2035-2055 range	Haines Criss-Cross Directory
1996	<u>**Forest Avenue**</u>	Haines Criss-Cross Directory

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	Office Building (4 Occupants) (2051)	Haines Criss-Cross Directory
	Office Building (2 OccupantS) (2053)	Haines Criss-Cross Directory
	Miracle Ear Center (2055)	Haines Criss-Cross Directory
	No other addresses in 2035-2055 range	Haines Criss-Cross Directory
2001	<u>**Forest Avenue**</u>	Haines Criss-Cross Directory
	US SSA (2035)	Haines Criss-Cross Directory
	Chico Shell (2036)	Haines Criss-Cross Directory
	Butte Community Bank (2041)	Haines Criss-Cross Directory
	E Eltzroth DDS Office (2051)	Haines Criss-Cross Directory
	Office Building (5 Occupants) (2053)	Haines Criss-Cross Directory
	Office Building (3 Occupants) (2055)	Haines Criss-Cross Directory
2006	<u>**Forest Avenue**</u>	Haines Criss-Cross Directory
	US SSA (2035)	Haines Criss-Cross Directory
	Chico Shell (2036)	Haines Criss-Cross Directory
	Butte Community Bank (2041)	Haines Criss-Cross Directory
	E Eltzroth DDS Office (2051)	Haines Criss-Cross Directory
	Office Building (5 Occupants) (2053)	Haines Criss-Cross Directory
	Office Building (3 Occupants) (2055)	Haines Criss-Cross Directory

EDR Historical Topographic Map Report

**Wal-Mart #2044-03 Expansion
2044 Forest Ave
Chico, CA 95928**

Inquiry Number: 2097385.4

December 11, 2007



EDR® Environmental
Data Resources Inc

The Standard in Environmental Risk Information

440 Wheelers Farms Rd
Milford, Connecticut 06461

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Telephone: 1-800-352-0050
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Internet: www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

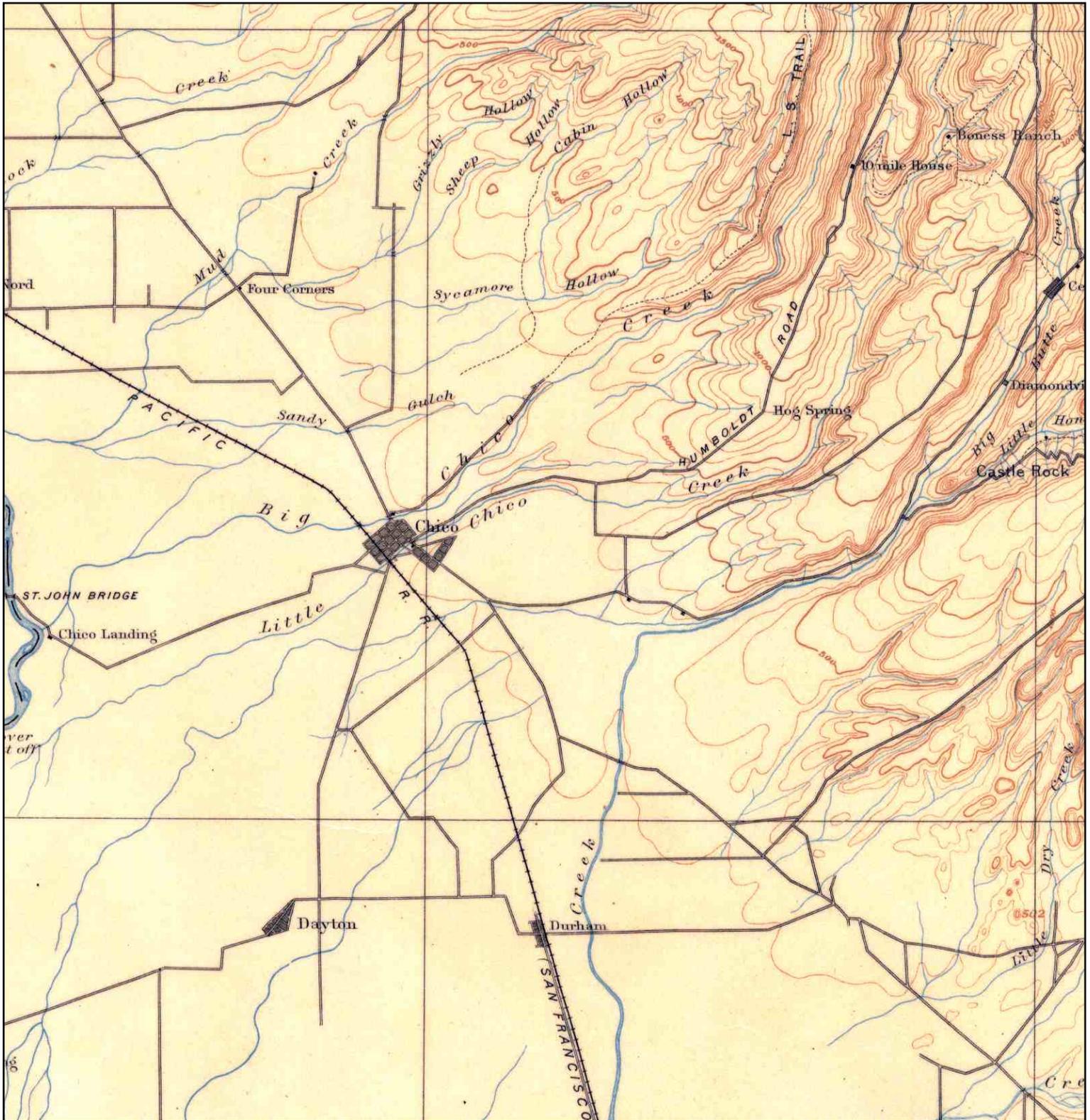
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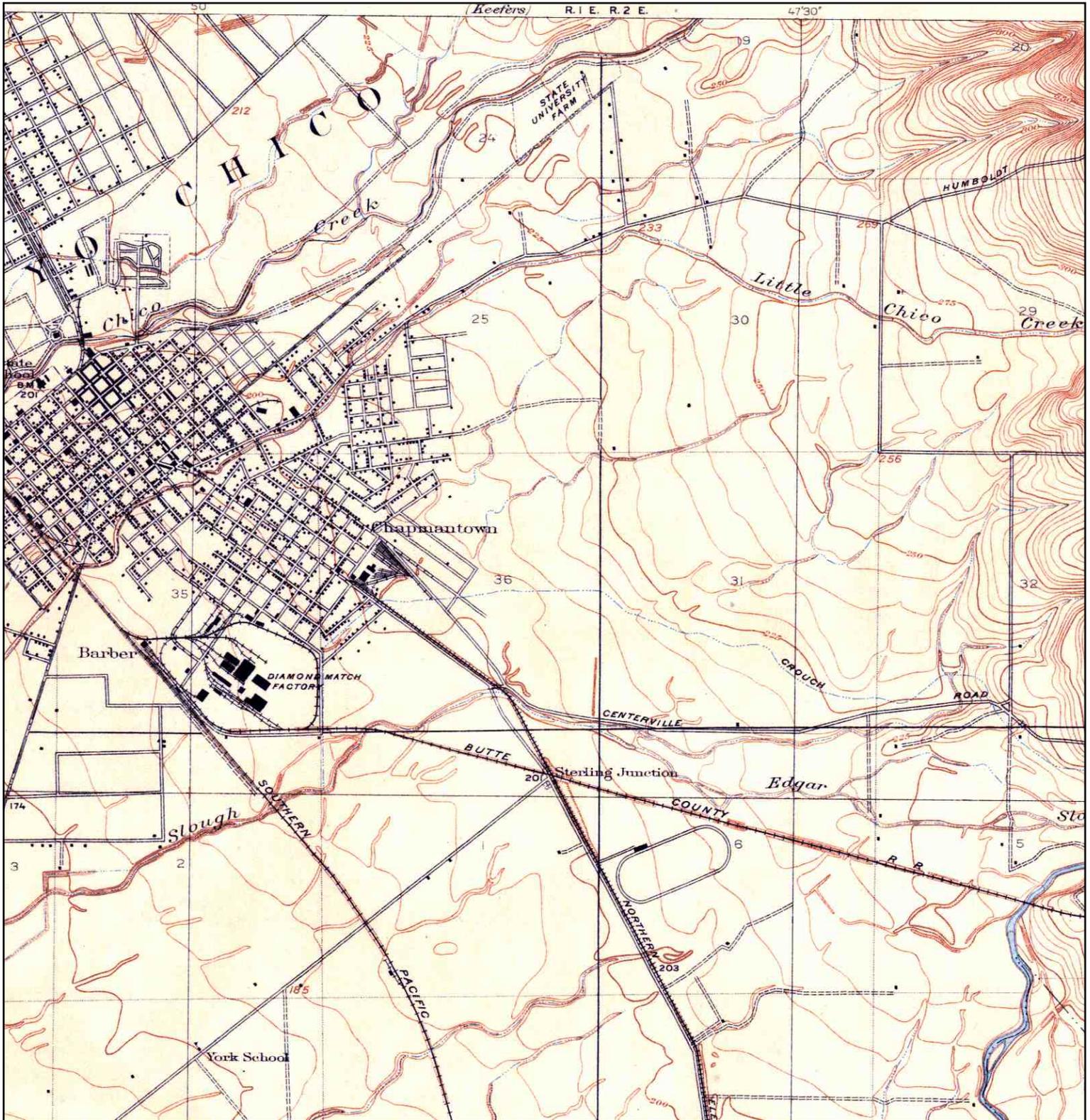
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Historical Topographic Map



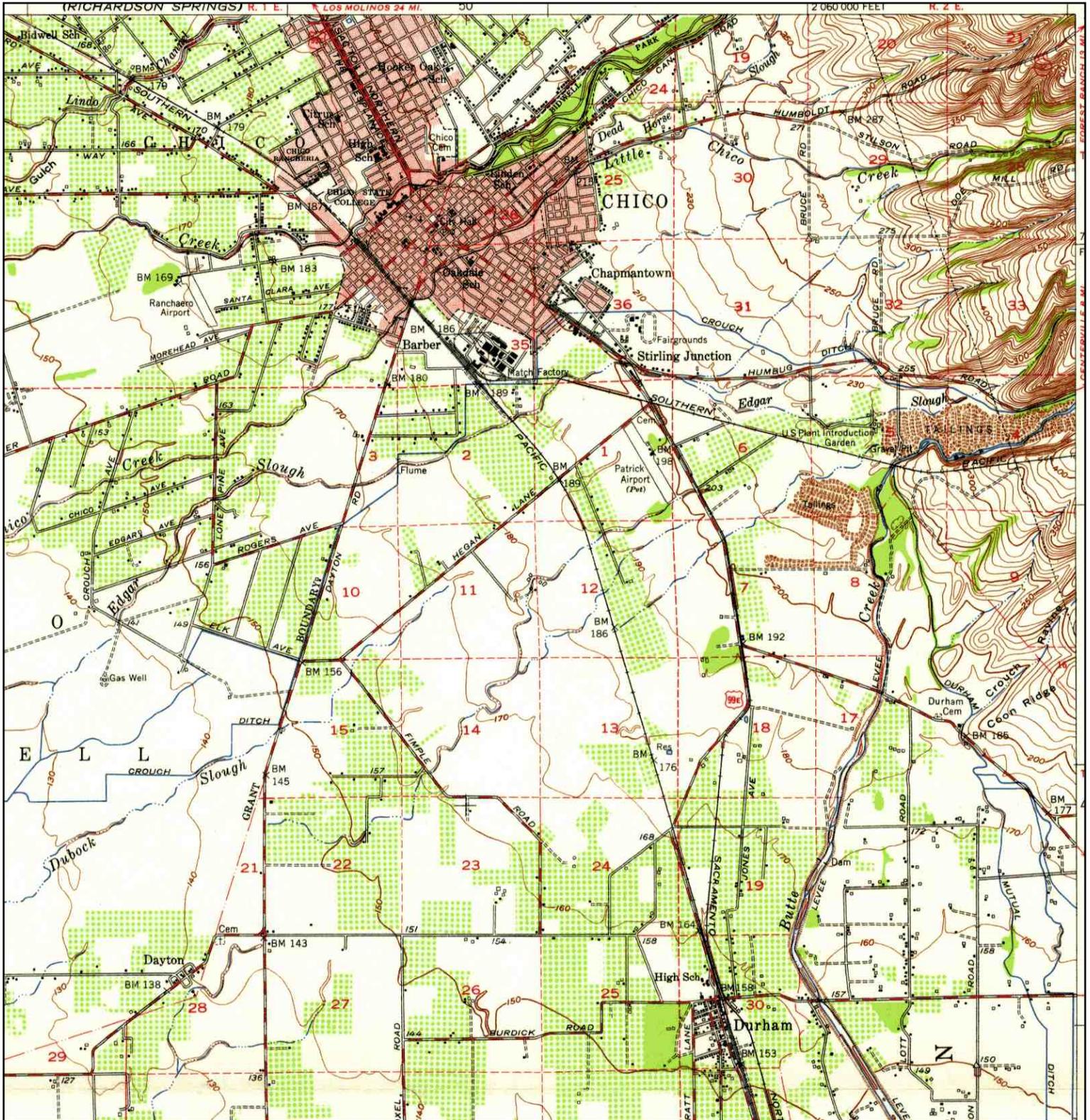
<p>N</p> 	TARGET QUAD	SITE NAME:	Wal-Mart #2044-03	CLIENT:	GEOPlus, Inc.
	NAME: CHICO	Expansion	CONTACT:	Bill Bergmann	
	MAP YEAR: 1895	ADDRESS:	2044 Forest Ave	INQUIRY#:	2097385.4
	SERIES: 30	LAT/LONG:	39.722 / 121.803	RESEARCH DATE:	12/11/2007
	SCALE: 1:125000				

Historical Topographic Map



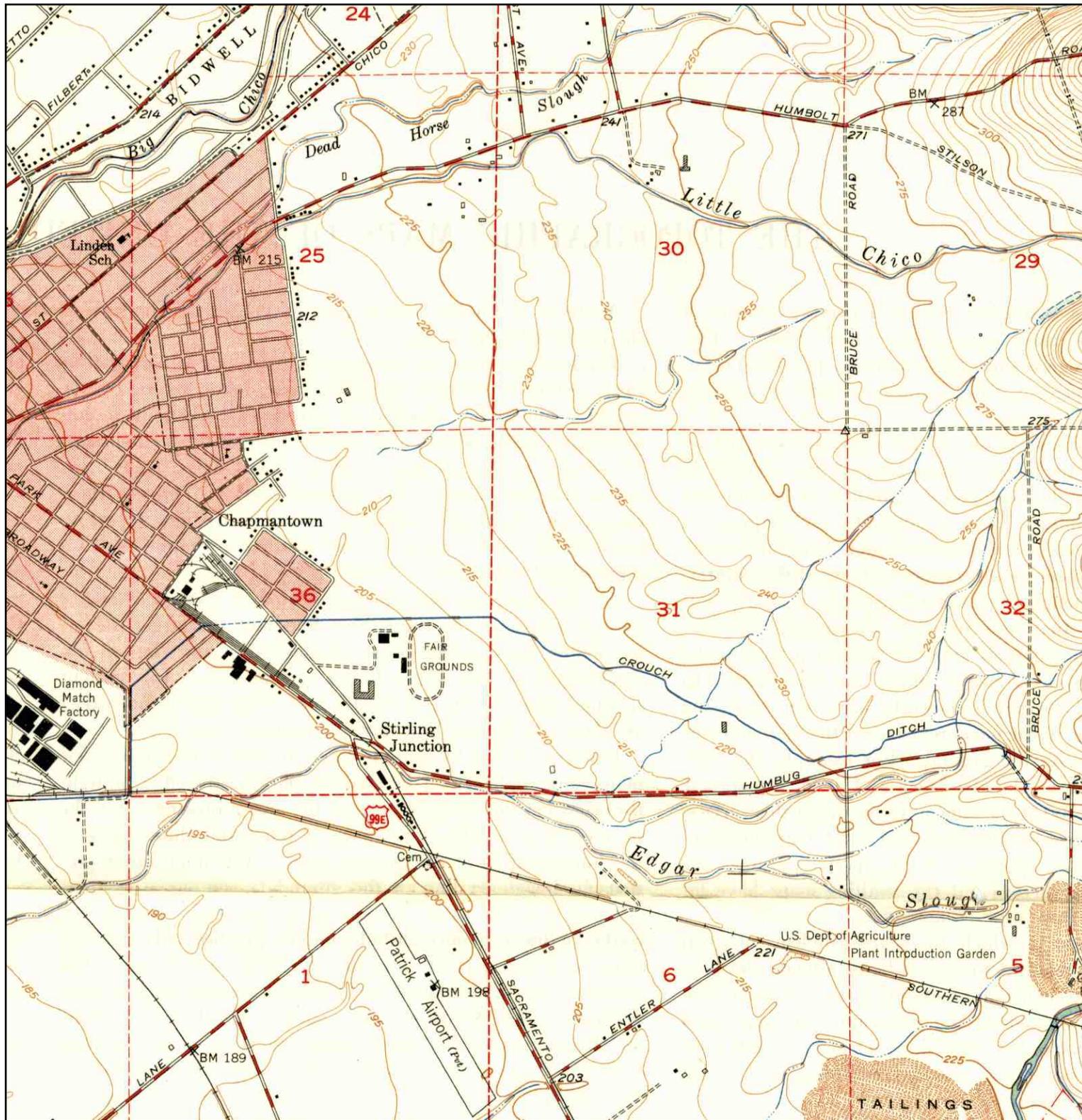
	TARGET QUAD	SITE NAME:	Wal-Mart #2044-03	CLIENT:	GEOplus, Inc.	
	NAME: DURHAM	Expansion	CONTACT:	Bill Bergmann		
	MAP YEAR: 1912	ADDRESS:	2044 Forest Ave	INQUIRY#:	2097385.4	
	SERIES: 7.5	Chico, CA 95928	LAT/LONG:	39.722 / 121.803	RESEARCH DATE:	12/11/2007
	SCALE: 1:31680					

Historical Topographic Map



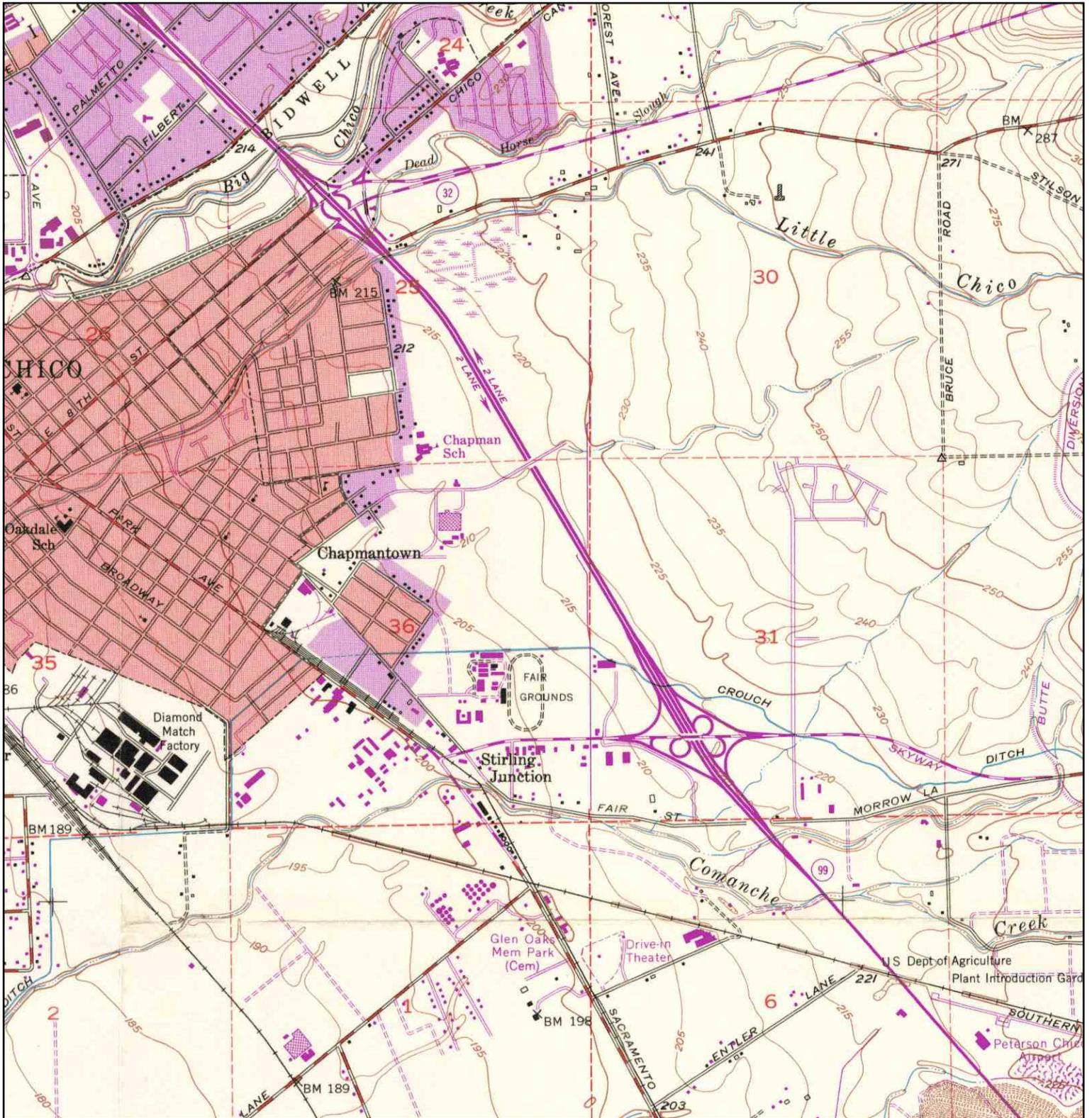
	TARGET QUAD	SITE NAME:	Wal-Mart #2044-03	CLIENT:	GEOPlus, Inc.
	NAME: CHICO	ADDRESS:	Expansion	CONTACT:	Bill Bergmann
	MAP YEAR: 1949	LAT/LONG:	2044 Forest Ave	INQUIRY#:	2097385.4
	SERIES: 15		Chico, CA 95928	RESEARCH DATE:	12/11/2007
	SCALE: 1:62500				

Historical Topographic Map



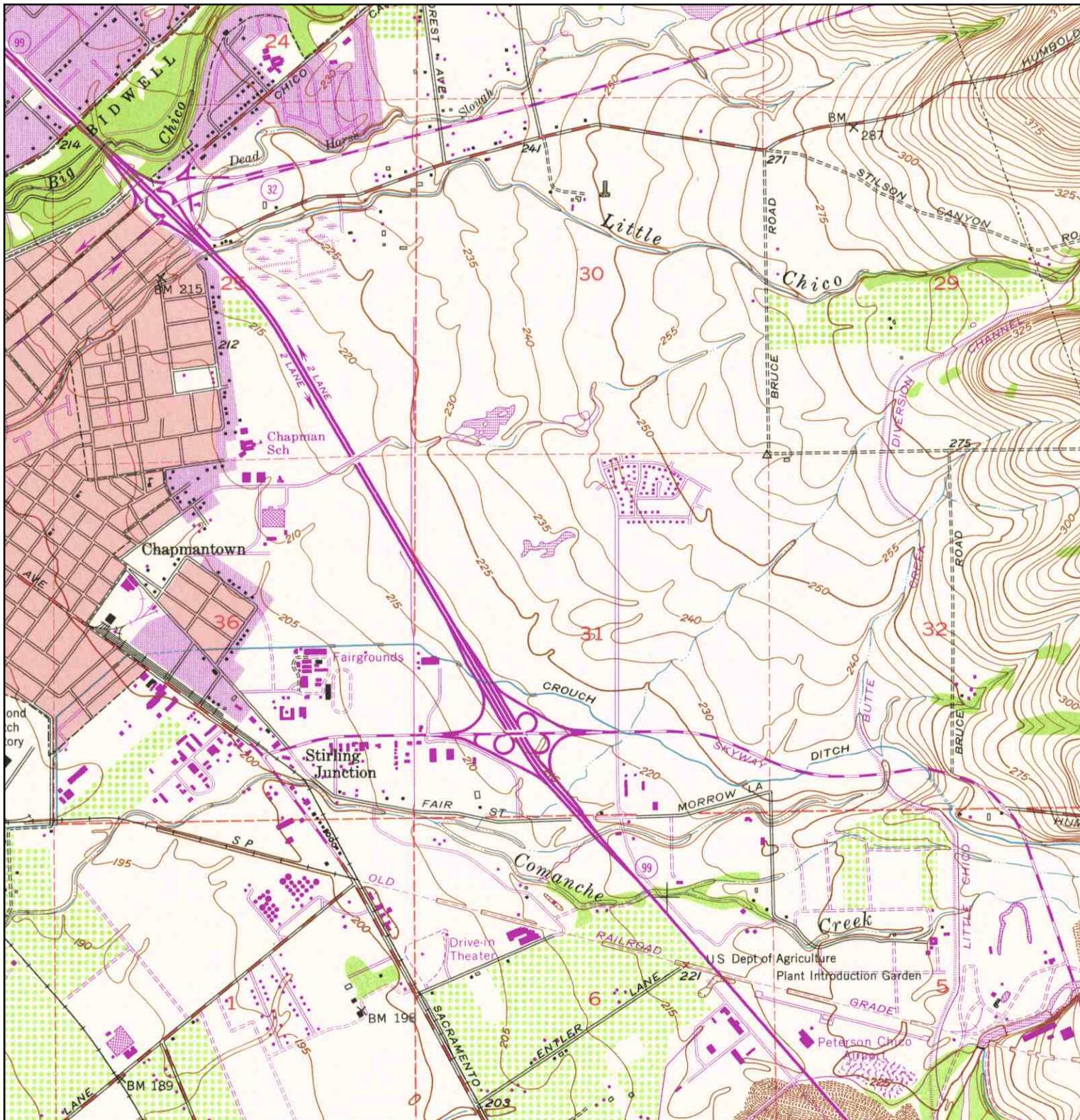
	TARGET QUAD	SITE NAME:	Wal-Mart #2044-03	CLIENT:	GEOPlus, Inc.
	NAME: CHICO	ADDRESS:	Expansion	CONTACT:	Bill Bergmann
	MAP YEAR: 1950	LAT/LONG:	2044 Forest Ave	INQUIRY#:	2097385.4
	SERIES: 7.5		Chico, CA 95928	RESEARCH DATE:	12/11/2007
	SCALE: 1:24000		39.722 / 121.803		

Historical Topographic Map



<p>N</p>	TARGET QUAD	SITE NAME:	CLIENT:
	NAME: CHICO	Wal-Mart #2044-03	GEOPlus, Inc.
	MAP YEAR: 1969	Expansion	CONTACT: Bill Bergmann
	PHOTOREVISED FROM: 1948	ADDRESS: 2044 Forest Ave	INQUIRY#: 2097385.4
	SERIES: 7.5	Chico, CA 95928	RESEARCH DATE: 12/11/2007
	SCALE: 1:24000	LAT/LONG: 39.722 / 121.803	

Historical Topographic Map



<p>N ↑</p>	TARGET QUAD	SITE NAME:	CLIENT:
	NAME: CHICO	Wal-Mart #2044-03	GEOPlus, Inc.
	MAP YEAR: 1978	Expansion	CONTACT: Bill Bergmann
	PHOTOREVISED FROM: 1948	ADDRESS: 2044 Forest Ave	INQUIRY#: 2097385.4
	SERIES: 7.5	Chico, CA 95928	RESEARCH DATE: 12/11/2007
	SCALE: 1:24000	LAT/LONG: 39.722 / 121.803	

The EDR Aerial Photo Decade Package

**Wal-Mart #2044-03 Expansion
2044 Forest Ave
Chico, CA 95928**

Inquiry Number: 2097385.5

December 11, 2007



**EDR® Environmental
Data Resources Inc**

The Standard in Environmental Risk Information

**440 Wheelers Farms Road
Milford, Connecticut 06461**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography December 11, 2007

Target Property:

2044 Forest Ave

Chico, CA 95928

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1952	Aerial Photograph. Scale: 1"=555'	Flight Year: 1952	Robinson
1962	Aerial Photograph. Scale: 1"=555'	Flight Year: 1962	Cartwright
1970	Aerial Photograph. Scale: 1"=666'	Flight Year: 1970	Western
1984	Aerial Photograph. Scale: 1"=690'	Flight Year: 1984	WSA
1998	Aerial Photograph. Scale: 1"=666'	Flight Year: 1998	USGS



INQUIRY #: 2097385.5

YEAR: 1952

| = 555'





INQUIRY #: 2097385.5

YEAR: 1962

| = 555'





INQUIRY #: 2097385.5

YEAR: 1970

| = 666'



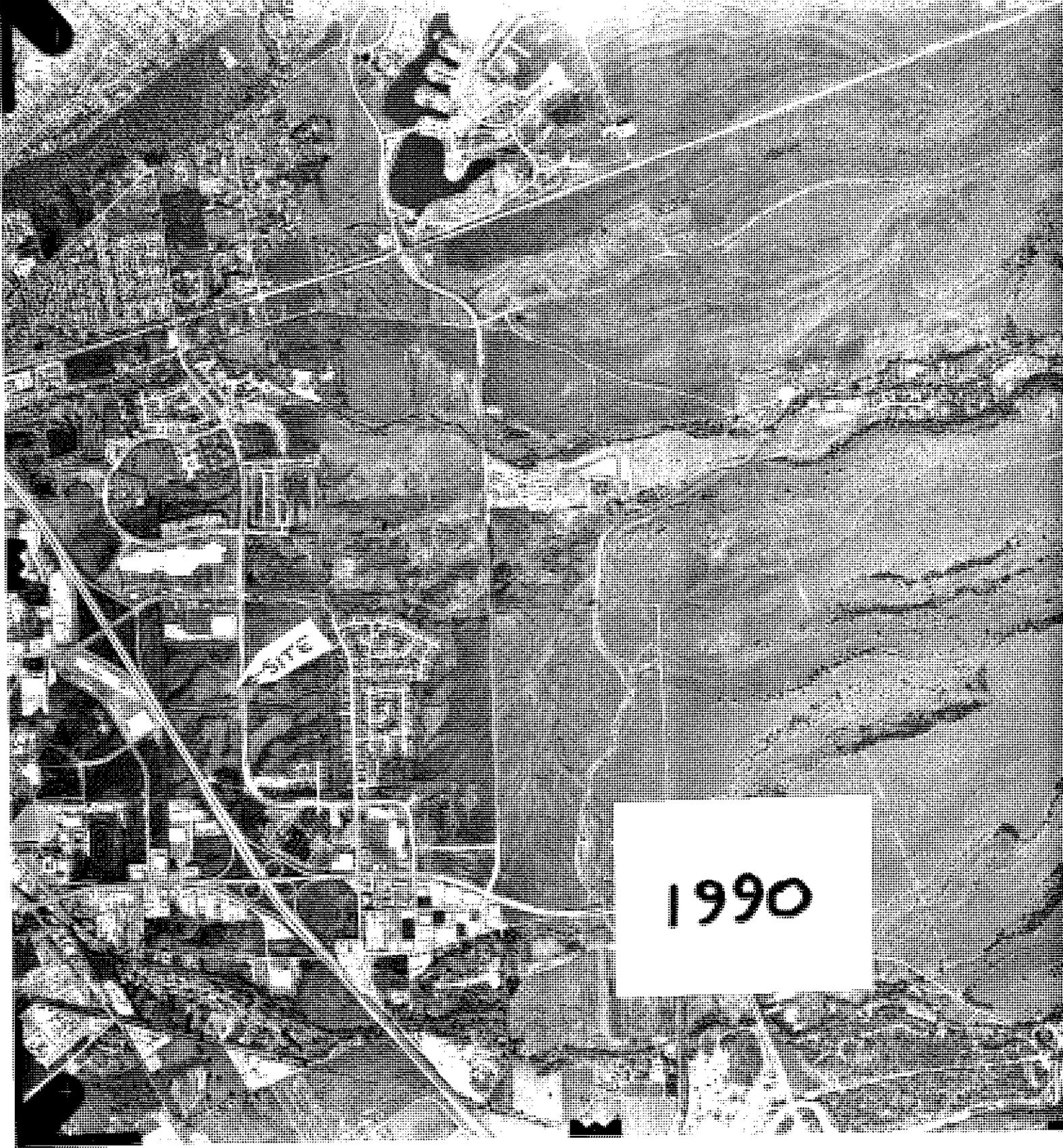


INQUIRY #: 2097385.5

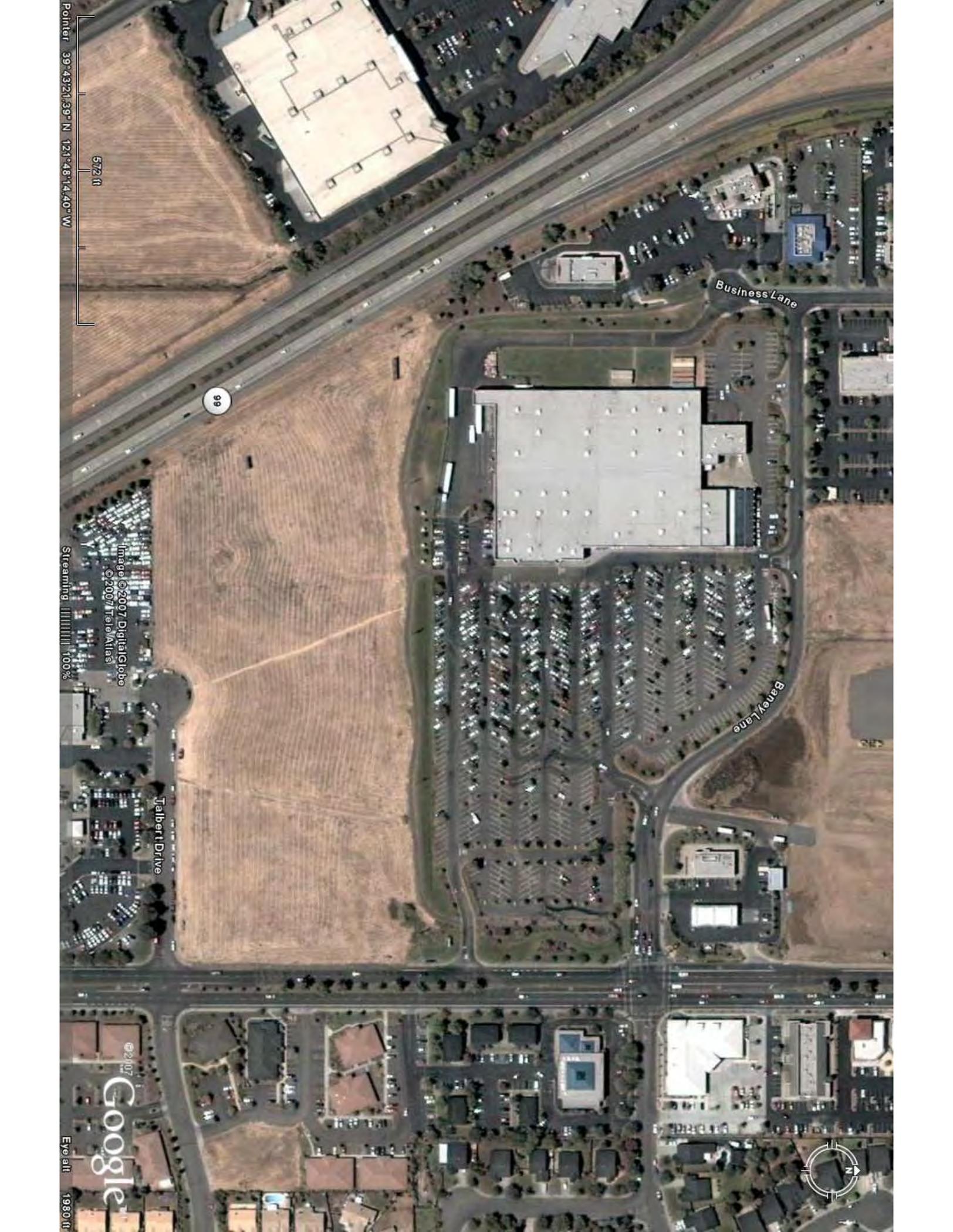
YEAR: 1984

| = 690'





1990

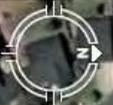


Business Lane

Boney Lane

Talbert Drive

99



©2007
Google

Image © 2007 DigitalGlobe
© 2007 TeleAtlas
Streaming 100%

Eye alt 1980 ft

572 ft

Pointer 39°43'21.39" N 121°48'14.40" W



INQUIRY #: 2097385.5

YEAR: 1998

| = 666'



Wal-Mart Stores, Inc.

Phase I Environmental Site Assessment
User Questionnaire

Site Name: Chico Store #2044-03; Expansion

Site Location: 2044 Forest Avenue; Chico, CA

Project/Store Number: #2044-03; Expansion

The following questions are taken from the ASTM 1527-05 Standard Practice for Phase I Environmental Site Assessments and must be answered in order to qualify for the Landowner Liability Protections ("LLPs") under the federal Comprehensive Environmental Response Compensation and Liability Act, otherwise known as "CERCLA" or the Superfund law. **Note that the completion of this form, by itself, does not automatically qualify one for any of the three LLPs, all of which have additional eligibility criteria. Note further that state and local government agencies will often have their own, independent source of environmental liability not covered by any of the LLPs.** All questions regarding the source of, defenses to, and transactional, development-related, and operational strategies for managing environmental liability should be directed to Wal-Mart legal counsel.

Please provide an answer to each question or attach pertinent information and identify a number for each attachment.

1. Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law?

No Yes (Describe or attach information) Attachment No. _____

2. Are you aware of any Activity and Use Limitations (AULs), such as engineering controls (e.g. engineered caps, foundations, liners, treatment methods, etc. in use to prevent contamination from migrating to surrounding areas), land use restrictions or institutional controls (e.g. administrative measures restricting groundwater use, construction, or property use) that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

No Yes (Describe or attach information) Attachment No. _____

3. As the user of the Phase I Environmental Site Assessment, do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

No Yes (Describe or attach information) Attachment No. _____

Expanding an existing Wal-Mart Store. The existing use will stay with the addition of
grocery.

4. Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

No Yes (Describe or attach information) Attachment No. _____

N/A, Already owned by Wal-Mart.

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

No Yes (Describe or attach information) Attachment No. _____

N/A

5. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as User,

(a) Do you know the past uses of the property? No Yes (Describe or attach information) Attachment No. _____

Currently a Wal-Mart Store.

(b) Do you know of specific chemicals that are present or once were present at the property?

No Yes (Describe or attach information) Attachment No. _____

Retail items already for sale in the store: antifreeze, oil, paint, etc.

(c) Do you know of spills or other chemical releases that have taken place at the property?

No Yes (Describe or attach information) Attachment No. _____

(d) Do you know of any environmental cleanups that have taken place at the property?

No Yes (Describe or attach information) Attachment No. _____

6. As the User of the Phase I Environmental Site Assessment,, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

No Yes (Describe or attach information) Attachment No. _____

Signature of Design Manager

J. Kelly Collier

Name

Design Manager; Wal-Mart Stores, Inc.

Title

12/5/07

Date



Fidelity National Title Insurance Company

GUARANTEE NO.: CAFNT0958-0958-0051-0000413675-FNTIC-2008-G6

SUBJECT TO THE EXCLUSIONS FROM COVERAGE, THE LIMITS OF LIABILITY AND THE CONDITIONS AND STIPULATIONS OF THIS GUARANTEE,

Fidelity National Title Insurance Company
a corporation, herein called the Company,

GUARANTEES

the Assured named in Schedule A against actual monetary loss or damage not exceeding the liability amount stated in Schedule A, which the Assured shall sustain by reason of any incorrectness in the assurances set forth in Schedule A.

VERNE DAVIS
Countersigned

Fidelity National Title Insurance Company



BY

[Signature]
President

ATTEST

[Signature]
Secretary

SCHEDULE A

CHAIN OF TITLE GUARANTEE

Liability: \$1,000.00
Fee: \$0.00

1. Name of Assured: PACLAND
2. Date of Guarantee: January 1, 2008, 07:30 A.M.

The assurances referred to on the face page are:

That, according to those public records which, under the recording laws, impart constructive notice of matters relating to the interest, if any, which was acquired by William J. Wade, not individually but solely as owner trustee under Owner Trust Agreement 1994-1 dated as of December 15, 1994, as supplemented, as to all buildings, structures and other improvements (including, without limitation, all property described on Exhibit C attached hereto) (collectively, the "Improvements"), as set forth in the Limited Warranty Deed and Bill of Sale recorded January 5, 1995, Instrument No. 95-000430, Butte County Official Records, on the land described herein, and

Wal-Mart Real Estate Business Trust, a Delaware business trust, EXCLUDING all buildings, structures and other improvements (including, without limitation, all property described on Exhibit C attached hereto) (collectively, the "Improvements"), set forth in Limited Warranty Deed and Bill of Sale, recorded January 5, 1995, Instrument No. 95-000430, Butte County Official Records, on the land described herein

pursuant to a grant deed (two) see references on Schedule A (Continued) Attached in and to the land described as follows:

See Exhibit "A" attached hereto and made a part hereof.

Only the following matters appear in such records subsequent to :

See Schedule A (continued) attached.

This Guarantee does not cover:

1. Taxes, assessments, and matters related thereto.

EXHIBIT "A"

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF CHICO, COUNTY OF BUTTE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

Lot 2, as shown on that certain Map entitled, "Forest Avenue Commercial Subdivision--Phase II, Private Street Subdivision", filed on November 10, 1993, in Book 130 of Maps at pages 61 and 62, in the City of Chico, Butte County, in the State of California, being in Section 31, Township 22 North, Range 2 East, Mount Diablo Baseline & Meridian.

EXCEPTING THEREFROM all buildings, structures and other improvements (including, without limitation, all property described on Exhibit C, contained in Limited Warranty Deed and Bill of Sale recorded January 5, 1995, Instrument No. 95-000430, Butte County Official Records.

APN: 002-370-055 & 057

SCHEDULE A (CONTINUED)

Deed References:

Limited Warranty Deed and Bill of Sale dated December 22, 1994 executed by Wal-Mart Stores, Inc. a Delaware corporation in favor of William J. Wade, not individually but solely as owner trustee under Owner Trust Agreement 1994-1 dated as of December 15, 1994, as supplemented, recorded January 5, 1995, Instrument No. 95-000430, Butte County Official Records, and

Grant Deed executed by Wal-Mart Stores, Inc., a Delaware corporation in favor of Wal-Mart Real Estate Business Trust, a Delaware business trust dated July 8, 2002, Instrument No. 2002-0038201, Butte County Official Records

THIS GUARANTEE SHOWS ONLY DOCUMENTS THAT CONVEY TITLE AND ANY ENVIRONMENTAL LIENS FROM 1940 TO DATE

In 1940, the following title vests in Lester K. Thomasson; Effie M. Bruce; B. Vern Thomasson; Zelma L. Stevens and Nathan H. Thomasson, as their respective interests appear of record.

1. Document Type: Order for Partial Distribution
Grantor: The Estate of Lester K. Thomasson, Dec'd
Conveyed To: Mary Thomasson
Transfer Tax: \$0.00
Recorded: February 21, 1951, Book 567, Page 240, of Official Records

Affects AP's 002-370-055 & 057 and other land

2. Document Type: Decree of Partial Distribution
Grantor: The Estate of Zelma L. Stevens, Dec'd
Conveyed To: Effie M. Bruce, as to an undivided 19.444% interest; Nathan H. Thomasson, as to an undivided 02.777% interest; Harold Thomasson, as to an undivided 52.777% interest; Warren Stevens, as to an undivided 24.999% interest
Transfer Tax: \$0.00
Recorded: March 16, 1951, Book 554, Page 446, of Official Records

Affects AP's 002-370-055 & 057 and other land

3. Document Type: Decree of Partial Distribution
Grantor: The Estate of B. Verne Thomasson, Dec'd
Conveyed To: Blanche Dade Thomasson and Harold Verne Thomasson, share and share alike
Transfer Tax: \$0.00
Recorded: March 16, 1951, Book 551, Page 221, of Official Records

Affects AP's 002-370-055 & 057 and other land

4. Document Type: Grant Deed
 Grantor: Blanche Dade Thomasson, a single woman
 Conveyed To: Nathan H. Thomasson, Harold Thomasson and Effie M. Bruce
 Recorded: June 1, 1951, Book 576, Page 58, of Official Records

Affects AP's 002-370-055 & 057 and other land

5. Document Type: Grant Deed
 Grantor: Mary Thomasson, a widow
 Conveyed To: Nathan H. Thomasson, Harold Thomasson and Effie M. Bruce
 Transfer Tax: \$0.00
 Recorded: June 1, 1951, Book 573, Page 256, of Official Records

Affects AP's 002-370-055 & 057 and other land

6. Document Type: Grant Deed
 Grantor: Warrren C. Stevens also known as W. C. Stevens, a widower
 Conveyed To: Nathan H. Thomasson, Harold Thomasson and Effie M. Bruce
 Recorded: June 1, 1951, Book 570, Page 482, of Official Records

Affects AP's 002-370-055 & 057 and other land

7. Document Type: Grant Deed
 Grantor: Nathaniel H. Thomasson, also known as Nathan H. Thomasson, Harold Thomasson and Effie M. Bruce
 Conveyed To: Nathan H. Thomasson, as to an undivided 37.4503% interest; Harold Thomasson, as to an undivided 37.4503% interest; Effie M. Bruce, as to an undivided 25.0994% interest
 Recorded: June 1, 1951, Book 570, Page 483, of Official Records

Affects AP's 002-370-055 & 057 and other land

8. Document Type: Decree Nunc Pro Tunc Amending and Correcting Decree of Distribution
 Grantor: The Estate of Zelma L. Stevens, also known as Zelma Lorena Stevens, also known as Zelma Stevens, formerly Zelma Lorena Thomasson, Dec'd
 Conveyed To: Effie M. Bruce, as to an undivided 19.445% interest; Nathan H. Thomasson, as to an undivided 02.778% interest; Harold Thomasson, as to an undivided 52.778% interest; and Warren Stevens, as to an undivided 24.999% interest
 Transfer Tax: \$0.00
 Recorded: Book 602, Page 191, of Official Records

Affects AP's 002-370-055 & 057 and other land

- 9.** Document Type: Decree of Distribution
 Grantor: Estate of Effie M. Bruce, Dec'd
 Conveyed To: Edna E. Barris, as to a one-third interest; Carolyn C. Jessee, as to a one-third and Evelyn Bruce Post, as to a one-third interest
 Transfer Tax: \$0.00
 Recorded: Book 972, Page 128, of Official Records

Affects AP's 002-370-055 & 057 and other land

- 10.** Document Type: Grant Deed
 Grantor: Edna E. Barris, Carolyn C. Jessee and Evelyn B. Post, each a married woman dealing with her separate property
 Conveyed To: Nathan H. Thomasson, an undivided one-half interest, and to Harold V. Thomasson, an undivided one-half interest
 Recorded: ___/___/1958, Book 972, Page 313, of Official Records

Affects AP's 002-370-055 & 057 and other land

Note: Recording date is illegible on the document

- 11.** Document Type: Grant Deed
 Grantor: Nathan H. Thomasson, a single person
 Conveyed To: Harold V. Thomasson, as his separate property, an undivided one-half interest
 Recorded: November 21, 1961, Book 1149, Page 700, of Official Records

Affects AP's 002-370-055 & 057 and other land

- 12.** Document Type: Grant Deed
 Grantor: H. V. Thomasson, also known as Harold V. Thomasson and Gwen L. Thomasson, husband and wife
 Conveyed To: State of California
 Recorded: August 19, 1963, Book 1264, Page 592, of Official Records

Affects AP's 002-370-055 & 057 and other land

- 13.** Document Type: Gift Deed
 Grantor: Harold V. Thomasson and Gwennlian L. Thomasson
 Conveyed To: Diane Gliedt and Daniel Gliedt, husband and wife, as community property
 Recorded: December 23, 1976, Book 2130, Page 90, of Official Records

Affects AP's 002-370-055 & 057 and other land

- 14.** Document Type: Gift Deed
- Grantor: Harold V. Thomasson and Gwenllian L. Thomasson
- Conveyed To: Robert Thomasson and Darlene Thomasson, husband and wife, as community property
- Transfer Tax: \$0.00
- Recorded: December 23, 1976, Book 2130, Page 91, of Official Records

Affects AP's 002-370-055 & 057 and other land

- 15.** Document Type: Quitclaim Deed
- Grantor: Jack M. McPherson and Norma McPherson, his wife and Loyd H. Mulkey, Jr. and Helen Jane Mulkey, his wife
- Conveyed To: Harry A. Kassebaum and Delores Kassebaum, his wife
- Transfer Tax: \$0.00
- Recorded: April 25, 1979, Book 2393, Page 8, of Official Records

Affects AP's 002-370-055 & 057 and other land

- 16.** Document Type: Grant Deed
- Grantor: Harold V. Thomasson and Gwenllian Thomasson, his wife, Robert Thomasson and Darlene Thomasson, his wife and Daniel Gliedt and Diane Gliedt, his wife
- Conveyed To: Harry A. Kassebaum and Delores Kassebaum, his wife
- Transfer Tax: \$1,915.65
- Recorded: April 25, 1979, Book 2393, Page 9, of Official Records

Affects AP's 002-370-055 & 057 and other land

- 17.** Document Type: Grant Deed
- Grantor: Harry A. Kassebaum and Delores Kassebaum, husband and wife
- Conveyed To: STC Pacific, a co-partnership of Sierra Technology Corporation and William G. Beehler Enterprises Incorporated
- Transfer Tax: \$44.00
- Recorded: April 15, 1981, Book 2613, Page 263, of Official Records

Affects AP's 002-370-055 & 057 and other land

- 18.** Document Type: Grant Deed
 Grantor: STC Pacific, a co-partnership of Sierra Technology Corporation and William G. Beehler Enterprises Incorporated
 Conveyed To: STC Pacific, a co-partnership of Sierra Technology Corporation and William G. Beehler Enterprises Incorporated
 Transfer Tax: \$0.00
 Recorded: July 15, 1982, Book 2739, Page 116, of Official Records

Affects AP's 002-370-055 & 057 and other land

- 19.** Document Type: Grant Deed
 Grantor: STC-Pacific, a co-partnership of Sierra Technology Corporation and William G Beehler Enterprises, Inc.
 Conveyed To: Sierra Technology Corporation, as to an undivided 80.1% interest and William G. Beehler Enterprises, Inc., a California Corporation as to an undivided 19.9% interest, as tenants in common
 Transfer Tax: \$0.00
 Recorded: August 26, 1983, Book 2859, Page 237, of Official Records

Affects AP's 002-370-055 & 057 and other land

- 20.** Document Type: Grant Deed
 Grantor: Sierra Technology Corporation, a California Corporation
 Conveyed To: Exchange Intermediary, Inc., a California Corporation as to an undivided 80.1% interest
 Transfer Tax: \$0.00
 Recorded: August 26, 1983, Book 2859, Page 239, of Official Records

Affects AP's 002-370-055 & 057 and other land

- 21.** Document Type: Grant Deed
 Grantor: Exchange Intermediary, Inc., a California Corporation and William G. Beehler Enterprises, Inc., a California Corporation
 Conveyed To: R. C. Duncan, a married man, as his sole and separate property
 Transfer Tax: 1,662.10
 Recorded: August 26, 1983, Book 2859, Page 241, of Official Records

Affects AP's 002-370-055 & 057 and other land

- 22.** Document Type: Quitclaim Deed
 Grantor: Kathleen Duncan, wife of the Grantee herein
 Conveyed To: R. C. Duncan, a married man, as his sole and separate property
 Transfer Tax: \$0.00
 Recorded: August 26, 1983, Book 2859, Page 243, of Official Records

Affects AP's 002-370-055 & 057 and other land

- 23.** Document Type: Grant Deed
 Grantor: R. C. Duncan, a married man, as his sole and separate property
 Conveyed To: R. C. Duncan, a married man, as his sole and separate property and
 Kenneth E. Duncan, a married man, as tenants in common
 Transfer Tax: \$0.00
 Recorded: December 7, 1983, Book 2891, Page 27, of Official Records

Affects AP's 002-370-055 & 057 and other land

- 24.** Document Type: Grant Deed
 Grantor: R. C. Duncan, a married man and Kenneth E. Duncan, a married man
 Conveyed To: R. C. Duncan and Kathleen C. Duncan, husband and wife and Kenneth E.
 Duncan and Marjorie L. Duncan, husband and wife, all as Tenants in
 Common
 Transfer Tax: \$0.00
 Recorded: January 31, 1984, Book 2906, Page 415, of Official Records

Affects AP's 002-370-055 & 057 and other land

- 25.** Document Type: Quitclaim Deed
 Grantor: R. C. Duncan and Kathleen C. Duncan and Kenneth E. Duncan and Marjorie
 Duncan
 Conveyed To: Chico Property Associates, a general partnership
 Transfer Tax: \$0.00
 Recorded: May 8, 1989, Instrument No. 89-16713, of Official Records

Affects AP's 002-370-055 & 057 and other land

- 26.** Document Type: Trustee's Deed
 Grantor: Central Valley Security Company, a California Corporation
 Conveyed To: Sacramento Savings Bank, a California corporation
 Transfer Tax: \$0.00
 Recorded: April 26, 1993, Instrument No. 93-016239, of Official Records

Affects AP's 002-370-055 & 057 and other land

- 27.** Document Type: Grant Deed
 Grantor: Sacramento Savings Bank, a California corporation
 Conveyed To: Wal-Mart Stores, Inc., a Delaware corporation
 Transfer Tax: \$4,931.65
 Recorded: June 15, 1993, Instrument No. 93-024199, of Official Records

Affects AP's 002-370-055 & 057 and other land

- 28.** Document Type: Limited Warranty Deed and Bill of Sale
Grantor: Wal-Mart Stores, Inc.
Conveyed To: William J. Wade, not individually but solely as owner trustee under Owner Trust Agreement 1994-1 dated as of December 15, 1994 as supplemented
Transfer Tax: \$7,994.25
Recorded: January 5, 1995, Instrument No. 95-000430, of Official Records

"All buildings and improvements on AP's 002-370-055 & 057"

- 29.** Document Type: Grant Deed
Grantor: Wal-Mart Stores, Inc.
Conveyed To: Wal-Mart Real Estate Business Trust, a Delaware business trust
Transfer Tax: \$0.00
Recorded: July 25, 2002, Instrument No. 2002-0038201, of Official Records

Affects AP's 002-370-055 & 057 EXCLUDING buildings and improvements

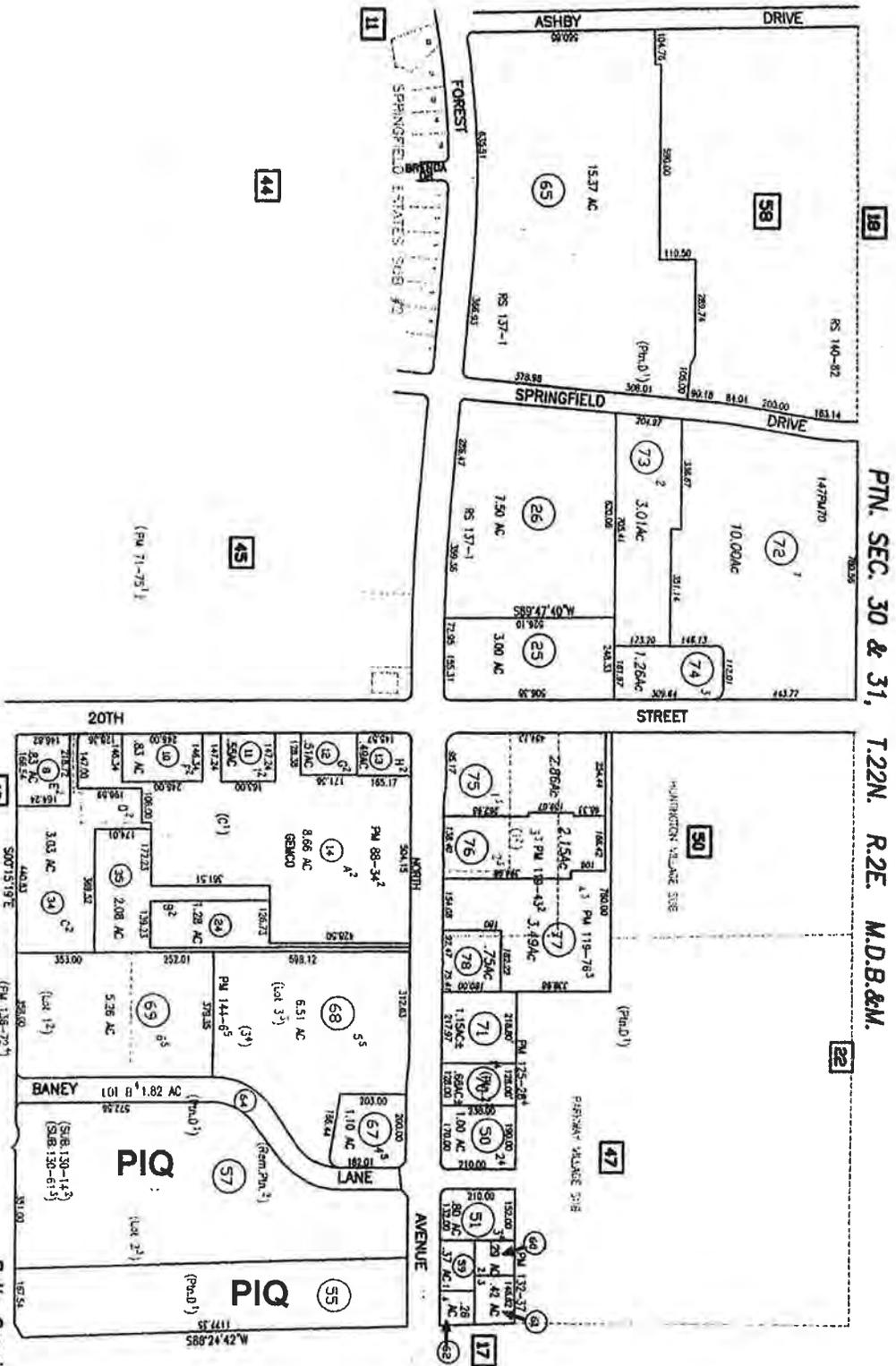
- 30.** TO DATE, NO ENVIRONMENTAL LIENS HAVE BEEN RECORDED

THE FEE FOR THIS REPORT HAS BEEN PAID IN CONJUNCTION WITH THE CHAIN OF TITLE GUARANTEE ISSUED UNDER CAFNT0958-0958-0051-0000413643-FNTIC-2008-G6

THE TOTAL LIABILITY UNDER THE CHAIN OF TITLE GUARANTEE HEREIN AND CHAIN OF TITLE GUARANTEE CAFNT0958-0958-0051-0000413643-FNTIC-2008-G6 IS \$1,000.00.

END OF ITEMS

1"=300'



FOREST AVENUE SUB. 130 M.O.R. 14-6-9-93
 FOREST AVENUE PHASE II 130 M.O.R. 61/62 11-10-93

THIS MAP SHOULD BE USED FOR REFERENCE PURPOSES ONLY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA SHOWN. PARCELS MAY NOT COMPLY WITH LOCAL SUBDIVISION OR BUILDING ORDINANCES.

NOTE: These parcels are for assessment purposes only and are not intended to be used for any other purpose.

Butte County Assessor's Map
 Book 02, Page 37

CREATED BY	DB	CREATED ON	12-3-1999
REVISION BY	DB	REVISION ON	1-26-2002
EFFECTIVE DATE		EFFECTIVE DATE	2002-03-01
COMPILED BY		COMPILED BY	The Butte County Assessor's Office

SCHEDULE OF EXCLUSIONS FROM COVERAGE OF THIS GUARANTEE

1. Except to the extent that specific assurances are provided in Schedule A of this Guarantee, the Company assumes no liability for loss or damage by reason of the following:

(a) Defects, liens, encumbrances, adverse claims or other matters against the title, whether or not shown by the public records.

(b) (1) Taxes or assessments of any taxing authority that levies taxes or assessments on real property; or (2) Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not the matters excluded under (1) or (2) are shown by the records of the taxing authority or by the public records.

(c) (1) Unpatented mining claims; (2) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (3) water rights, claims or title to water, whether or not the matters excluded under (1), (2) or (3) are shown by the public records.

2. Notwithstanding any specific assurances which are provided in Schedule A of this Guarantee, the Company assumes no liability for loss or damage by reason of the following:

(a) Defects, liens, encumbrances, adverse claims or other matters affecting the title to any property beyond the lines of the land expressly described in the description set forth in Schedule (A) of this Guarantee, or title to streets, roads, avenues, lanes, ways or waterways to which such land abuts, or the right to maintain therein vaults, tunnels, ramps or any structure or improvements; or any rights or easements therein, unless such property, rights or easements are expressly and specifically set forth in said description.

(b) Defects, liens, encumbrances, adverse claims or other matters, whether or not shown by the public records; (1) which are created, suffered, assumed or agreed to by one or more of the Assureds; (2) which result in no loss to the Assured; or (3) which do not result in the invalidity or potential invalidity of any judicial or non-judicial proceeding which is within the scope and purpose of the assurances provided.

(c) The identity of any party shown or referred to in Schedule A.

(d) The validity, legal effect or priority of any matter shown or referred to in this Guarantee.

GUARANTEE CONDITIONS AND STIPULATIONS

1. Definition of Terms.

The following terms when used in the Guarantee mean:

(a) the "Assured": the party or parties named as the Assured in this Guarantee, or on a supplemental writing executed by the Company.

(b) "land": the land described or referred to in Schedule A and improvements affixed thereto which by law constitute real property. The term "land" does not include any property beyond the lines of the area described or referred to in Schedule A, nor any right, title, interest, estate or easement in abutting streets, roads, avenues, alleys, lanes, ways or waterways.

(c) "mortgage": mortgage, deed of trust, trust deed, or other security instrument.

(d) "public records": records established under state statutes at Date of Guarantee for the purpose of imparting constructive notice of matters relating to real property to purchasers for value and without knowledge.

(e) "date": the effective date.

2. Notice of Claim to be Given by Assured Claimant.

An Assured shall notify the Company promptly in writing in case knowledge shall come to an Assured hereunder of any claim of title or interest which is adverse to the title to the estate or interest, as stated herein, and which might cause loss or damage for which the Company may be liable by virtue of this Guarantee. If prompt notice shall not be given to the Company, then all liability of the Company shall terminate with regard to the matter or matters for which prompt notice is required; provided, however, that failure to notify the Company shall in no case prejudice the rights of any Assured under this Guarantee unless the Company shall be prejudiced by the failure and then only to the extent of the prejudice.

3. No Duty to Defend or Prosecute

The Company shall have no duty to defend or prosecute any action or proceeding to which the Assured is a party, notwithstanding the nature of any allegation in such action or proceeding.

4. Company's Option to Defend or Prosecute Actions; Duty of Assured Claimant to Cooperate.

Even though the Company has no duty to defend or prosecute as set forth in Paragraph 3 above:

(a) The Company shall have the right, at its sole option and cost, to institute and prosecute any action or proceeding, interpose a defense, as limited in (b), or to do any other act which in its opinion may be necessary or desirable to establish the title to the estate or interest as stated herein, or to establish the lien rights of the Assured, or to prevent or reduce loss or damage to the Assured. The Company may take any appropriate action under the terms of this Guarantee, whether or not it shall be liable hereunder, and shall not thereby concede liability or waive any provision of this Guarantee. If the Company shall exercise its rights under this paragraph, it shall do so diligently.

(b) If the Company elects to exercise its options as stated in Paragraph 4(a) the Company shall have the right to select counsel of its choice (subject to the right of such Assured to

object for reasonable cause) to represent the Assured and shall not be liable for and will not pay the fees of any other counsel, nor will the Company pay any fees, costs or expenses incurred by an Assured in the defense of those causes of action which allege matters not covered by this Guarantee.

(c) Whenever the Company shall have brought an action or interposed a defense as permitted by the provisions of this Guarantee, the Company may pursue any litigation to final determination by a court of competent jurisdiction and expressly reserves the right, in its sole discretion, to appeal from a final adverse judgment or order.

(d) In all cases where this Guarantee permits the Company to prosecute or provide for the defense of any action or proceeding, an Assured shall secure to the Company the right to so prosecute or provide for the defense of any action or proceeding, and all appeals therein, and permit the Company to use, at its option, the name of such Assured for this purpose. Whenever requested by the Company, an Assured, at the Company's expense, shall give the Company all reasonable aid in any action or proceeding, securing evidence, obtaining witnesses, prosecuting or defending the action or lawful act which in the opinion of the Company may be necessary or desirable to establish the title to the estate or interest as stated herein, or to establish the lien rights of the Assured. If the Company is prejudiced by the failure of the Assured to furnish the required cooperation, the Company's obligations to the Assured under the Guarantee shall terminate.

5. Proof of Loss or Damage.

In addition to and after the notices required under Section 2 of these Conditions and Stipulations have been provided to the Company, a proof of loss or damage signed and sworn to by the Assured shall be furnished to the Company within ninety (90) days after the Assured shall ascertain the facts giving rise to the loss or damage. The proof of loss or damage shall describe the matters covered by this Guarantee which constitute the basis of loss or damage and shall state, to the extent possible, the basis of calculating the amount of the loss or damage. If the Company is prejudiced by the failure of the Assured to provide the required proof of loss or damage, the Company's obligation to such assured under the Guarantee shall terminate. In addition, the Assured may reasonably be required to submit to examination under oath by any authorized representative of the Company and shall produce for examination, inspection and copying, at such reasonable times and places as may be designated by any authorized representative of the Company, all records, books, ledgers, checks, correspondence and memoranda, whether bearing a date before or after Date of Guarantee, which reasonably pertain to the loss or damage. Further, if requested by any authorized representative of the Company, the Assured shall grant its permission, in writing, for any authorized representative of the Company to examine, inspect and copy all records, books, ledgers, checks, correspondence and memoranda in the custody or control of a third party, which reasonably pertain to the loss or damage. All information designated as confidential by the Assured provided

to the Company pursuant to this Section shall not be disclosed to others unless, in the reasonable judgment of the Company, it is necessary in the administration of the claim. Failure of the Assured to submit for examination under oath, produce other reasonably requested information or grant permission to secure reasonably necessary information from third parties as required in the above paragraph, unless prohibited by law or governmental regulation, shall terminate any liability of the Company under this Guarantee to the Assured for that claim.

6. Options to Pay or Otherwise Settle Claims; Termination of Liability.

In case of a claim under this Guarantee, the Company shall have the following additional options:

(a) To Pay or Tender Payment of the Amount of Liability or to Purchase the Indebtedness.

The Company shall have the option to pay or settle or compromise for or in the name of the Assured any claim which could result in loss to the Assured within the coverage of this Guarantee, or to pay the full amount of this Guarantee or, if this Guarantee is issued for the benefit of a holder of a mortgage or a lienholder, the Company shall have the option to purchase the indebtedness secured by said mortgage or said lien for the amount owing thereon, together with any costs, reasonable attorneys' fees and expenses incurred by the Assured claimant which were authorized by the Company up to the time of purchase.

Such purchase, payment or tender of payment of the full amount of the Guarantee shall terminate all liability of the Company hereunder. In the event after notice of claim has been given to the Company by the Assured the Company offers to purchase said indebtedness, the owner of such indebtedness shall transfer and assign said indebtedness, together with any collateral security, to the Company upon payment of the purchase price.

Upon the exercise by the Company of the option provided for in Paragraph (a) the Company's obligation to the Assured under this Guarantee for the claimed loss or damage, other than to make the payment required in that paragraph, shall terminate, including any obligation to continue the defense or prosecution of any litigation for which the Company has exercised its options under Paragraph 4, and the Guarantee shall be surrendered to the Company for cancellation.

(b) To Pay or Otherwise Settle With Parties Other Than the Assured or With the Assured Claimant.

To pay or otherwise settle with other parties for or in the name of an Assured claimant any claim assured against under this Guarantee, together with any costs, a attorneys' fees and expenses incurred by the Assured claimant which were authorized by the Company up to the time of payment and which the Company is obligated to pay.

Upon the exercise by the Company of the option provided for in Paragraph (b) the Company's obligation to the Assured under this Guarantee for the claimed loss or damage, other than to make the payment required in that paragraph, shall terminate, including any obligation to continue the defense or prosecution

of any litigation for which the Company has exercised its options under Paragraph 4.

7. Determination and Extent of Liability.

This Guarantee is a contract of indemnity against actual monetary loss or damage sustained or incurred by the Assured claimant who has suffered loss or damage by reason of reliance upon the assurances set forth in this Guarantee and only to the extent herein described, and subject to the Exclusions From Coverage of This Guarantee.

The liability of the Company under this Guarantee to the Assured shall not exceed the least of:

- (a) the amount of liability stated in Schedule A or in Part 2;
- (b) the amount of the unpaid principal indebtedness secured by the mortgage of an Assured mortgagee, as limited or provided under Section 6 of these Conditions and Stipulations or as reduced under Section 9 of these Conditions and Stipulations, at the time the loss or damage assured against by this Guarantee occurs, together with interest thereon; or
- (c) the difference between the value of the estate or interest covered hereby as stated herein and the value of the estate or interest subject to any defect, lien or encumbrance assured against by this Guarantee.

8. Limitation of Liability.

(a) If the Company establishes the title, or removes the alleged defect, lien or encumbrance, or cures any other matter assured against by this Guarantee in a reasonably diligent manner by any method, including litigation and the completion of any appeals therefrom, it shall have fully performed its obligations with respect to that matter and shall not be liable for any loss or damage caused thereby.

(b) In the event of any litigation by the Company or with the Company's consent, the Company shall have no liability for loss or damage until there has been a final determination by a court of competent jurisdiction, and disposition of all appeals therefrom, adverse to the title, as stated herein.

(c) The Company shall not be liable for loss or damage to any Assured for liability voluntarily assumed by the Assured in settling any claim or suit without the prior written consent of the Company.

9. Reduction of Liability or Termination of Liability.

All payments under this Guarantee, except payments made for costs, attorneys' fees and expenses pursuant to Paragraph 4 shall reduce the amount of liability pro tanto.

10. Payment of Loss.

(a) No payment shall be made without producing this Guarantee for endorsement of the payment unless the Guarantee has been lost or destroyed, in which case proof of loss or destruction shall be furnished to the satisfaction of the Company.

(b) When liability and the extent of loss or damage has been definitely fixed in accordance with these Conditions and Stipulations, the loss or damage shall be payable within thirty (30) days thereafter.

11. Subrogation Upon Payment or Settlement.

Whenever the Company shall have settled and paid a claim under this Guarantee, all right of subrogation shall vest in the Company unaffected by any act of the Assured claimant.

The Company shall be subrogated to and be entitled to all rights and remedies which the Assured would have had against any person or property in respect to the claim had this Guarantee not been issued. If requested by the Company, the Assured shall transfer to the Company all rights and remedies against any person or property necessary in order to perfect this right of subrogation. The Assured shall permit the Company to sue, compromise or settle in the name of the Assured and to use the name of the Assured in any transaction or litigation involving these rights or remedies.

If a payment on account of a claim does not fully cover the loss of the Assured the Company shall be subrogated to all rights and remedies of the Assured after the Assured shall have recovered its principal, interest, and costs of collection.

12. Arbitration.

Unless prohibited by applicable law, either the Company or the Assured may demand arbitration pursuant to the Title Insurance Arbitration Rules of the American Arbitration Association.

Arbitrable matters may include, but are not limited to, any controversy or claim between the Company and the Assured arising out of or relating to this Guarantee, any service of the Company in connection with its issuance or the breach of a Guarantee provision or other obligation. All arbitrable matters

when the Amount of Liability is \$1,000,000 or less shall be arbitrated at the option of either the Company or the Assured. All arbitrable matters when the amount of liability is in excess of \$1,000,000 shall be arbitrated only when agreed to by both the Company and the Assured. The Rules in effect at Date of Guarantee shall be binding upon the parties. The award may include attorneys' fees only if the laws of the state in which the land is located permits a court to award attorneys' fees to a prevailing party. Judgment upon the award rendered by the Arbitrator(s) may be entered in any court having jurisdiction thereof.

The law of the situs of the land shall apply to an arbitration under the Title Insurance Arbitration Rules.

A copy of the Rules may be obtained from the Company upon request.

13. Liability Limited to This Guarantee; Guarantee Entire Contract.

(a) This Guarantee together with all endorsements, if any, attached hereto by the Company is the entire Guarantee and contract between the Assured and the Company. In interpreting any provision of this Guarantee, this Guarantee shall be construed as a whole.

(b) Any claim of loss or damage, whether or not based on negligence, or any action asserting such claim, shall be restricted to this Guarantee.

(c) No amendment of or endorsement to this Guarantee can be made except by a writing endorsed hereon or attached hereto signed by either the President, a Vice President, the Secretary, an Assistant Secretary, or validating officer or authorized signatory of the Company.

14. Notices, Where Sent.

All notices required to be given the Company and any statement in writing required to be furnished the Company shall include the number of this Guarantee and shall be addressed to the company at:

FNF - Southwest Claims Center
17911 Von Karman Avenue Suite 300
Irvine, CA 92614
Attn: Claims Administration



Fidelity National Title Company
OF CALIFORNIA

ISSUING OFFICE: 505 Wall Street • Chico, CA 95928
530 343-3716 • FAX 530 343-4410

January 3, 2008

PACLAND
Attention: Kim Avila
606 Columbia Street NW, Suite 211
Olympia, WA 98501

Order No.: 07-**413643**-BD

Thank you for placing your order with Fidelity National Title Company of California. We appreciate the opportunity of being of service to you.

Sincerely,

Fidelity National Title Company of California



Fidelity National Title Insurance Company

GUARANTEE NO.: CAFNT0958-0958-0051-0000413643-FNTIC-2008-G6

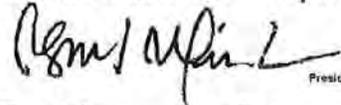
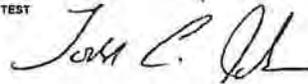
SUBJECT TO THE EXCLUSIONS FROM COVERAGE, THE LIMITS OF LIABILITY AND THE CONDITIONS AND STIPULATIONS OF THIS GUARANTEE,

Fidelity National Title Insurance Company
a corporation, herein called the Company,

GUARANTEES

the Assured named in Schedule A against actual monetary loss or damage not exceeding the liability amount stated in Schedule A, which the Assured shall sustain by reason of any incorrectness in the assurances set forth in Schedule A.

VERNE DAVE
Countersigned

Fidelity National Title Insurance Company
BY  President
ATTEST  Secretary



SCHEDULE A
CHAIN OF TITLE GUARANTEE

Liability: \$1,000.00
Fee: \$750.00

1. Name of Assured: PACLAND
2. Date of Guarantee: January 1, 2008, 07:30 A.M.

The assurances referred to on the face page are:

That, according to those public records which, under the recording laws, impart constructive notice of matters relating to the interest, if any, which was acquired by Wal-Mart Stores, Inc.

pursuant to a Grant Deed in and to the land described as follows:

See Exhibit "A" attached hereto and made a part hereof.

Only the following matters appear in such records subsequent to :

See Schedule A (continued) attached.

This Guarantee does not cover:

1. Taxes, assessments, and matters related thereto.

EXHIBIT "A"

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF CHICO, COUNTY OF BUTTE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

A portion of Lot 46, as shown on that certain Map entitled, "Skyway Ranch Subdivision Unit #2", filed in Office of the County Recorder of Butte County, California, on February 29, 1984, in Book 95 of Maps, page(s) 3 and 4, being also a portion of the South half of the Northwest quarter of Section 31, Township 22 North, Range 2 East, M.D.B.&M. and being more particularly described as follows:

Beginning at the Northwest corner of said Lot 46, which point is on the Northeasterly line of California State Highway 99-E Freeway and running thence North 88 deg. 29' 47" East along the Northerly line of said Lot 46, a distance of 1177.29 feet to the Westerly line of Forest Avenue; thence South 00 deg. 05' 10" West along said Westerly line, a distance of 474.39 feet; thence North 89 deg. 54' 50" West, a distance of 915.64 feet to said Northeasterly line of California State Highway 99-E Freeway; thence North 30 deg. 28' 43" West along said Northeasterly line, a distance of 513.01 feet to the point of beginning.

APN: 002-170-004

SCHEDULE A (CONTINUED)

NOTE:

THIS GUARANTEE SHOWS ONLY DOCUMENTS THAT CONVEY TITLE AND ENVIRONMENTAL LIENS FROM 1940 TO DATE.

1. Document Type: Grant Deed
Grantor: Evelyn M. Pratt, Guardian of the Estate of Leland C. Hess, a minor
Conveyed To: Geo. McLain
Recorded: April 13, 1933, Book 100, Page 264, of Official Records

Affects AP 002-170-004 and other land

2. Document Type: Grant Deed
Grantor: Geo. McLain and Alice C. McLain
Conveyed To: Louis H. McLain and Jennie E. McLain, his wife, as Joint Tenants
Recorded: March 9, 1944, Book 325, Page 323, of Official Records

Affects AP 002-170-004 and other land

3. Document Type: Grant Deed
Grantor: Louis H. McLain, a widower
Conveyed To: Grover W. Pearce and Sherrel N. Pearce
Recorded: April 10, 1952, Book 626, Page 40, of Official Records

Affects AP 002-170-004 and other land

4. Document Type: Grant Deed
Grantor: Grover W. Pearce and Florence E. Pearce, his wife and Sherrel N. Pearce and Johanne W. Pearce, his wife
Conveyed To: North Valley Investment Associates, a General Partnership
Transfer Tax: \$572.00
Recorded: July 30, 1970, Book 1626, Page 78, of Official Records

Affects AP 002-170-004 and other land

5. Document Type: Trustee's Deed
Grantor: Mid Valley Title & Escrow Company
Conveyed To: Grover W. Pearce and Florence E. Pearce, his wife and Sherrel N. Pearce and Johanne W. Pearce, his wife
Transfer Tax: \$0.00
Recorded: July 19, 1977, Book 2192, Page 440, of Official Records

Affects AP 002-170-004 and other land

6. Document Type: Grant Deed
Grantor: Grover W. Pearce and Florence E. Pearce, his wife and Sherrel N. Pearce and Johanne W. Pearce, his wife
Conveyed To: Skyway Ranch Properties, a General Partnership
Transfer Tax: \$0.00
Recorded: April 14, 1981, Book 2613, Page 102, of Official Records

Affects AP 002-170-004 and other land

7. Document Type: Grant Deed
Grantor: Skyway Ranch Properties, a general partnership
Conveyed To: E. M. West, a married man, as his sole and separate property
Transfer Tax: \$0.00
Recorded: March 10, 1983, Book 2804, Page 361, of Official Records

Affects AP 002-170-004 and other land

8. Document Type: Quitclaim Deed
Grantor: Patricia A. West, wife of the Grantee herein
Conveyed To: E. M. West, a married man, as his sole and separate property
Transfer Tax: \$0.00
Recorded: March 10, 1983, Book 2804, Page 363, of Official Records

Affects AP 002-170-004 and other land

9. Document Type: Grant Deed
Grantor: Skyway Ranch Properties, a General Partnership
Conveyed To: Grover W. Pearce, a married man
Transfer Tax: \$0.00
Recorded: March 10, 1983, Book 2804, Page 365, of Official Records

Affects AP 002-170-004 and other land

- 10.** Document Type: Quitclaim Deed
 Grantor: Florence E. Pearce, wife of the Grantee herein
 Conveyed To: Grover W. Pearce, a married man, as his sole and separate property
 Transfer Tax: \$0.00
 Recorded: March 10, 1983, Book 2804, Page 367, of Official Records

Affects AP 002-170-004 and other land

- 11.** Document Type: Grant Deed
 Grantor: Skyway Ranch Properties, a General Partnership
 Conveyed To: S. Nile Pearce, a married man
 Transfer Tax: \$0.00
 Recorded: March 10, 1983, Book 2804, Page 369, of Official Records

Affects AP 002-170-004 and other land

- 12.** Document Type: Quitclaim Deed
 Grantor: Johanne W. Pearce, wife of the Grantee herein
 Conveyed To: S. Nile Pearce, a married man, as his sole and separate property
 Transfer Tax: \$0.00
 Recorded: March 10, 1983, Book 2804, Page 371, of Official Records

Affects AP 002-170-004 and other land

- 13.** Document Type: Grant Deed
 Grantor: E. M. West, a married man dealing with his separate property; and Grover W. Pearce, a married man dealing with his separate property; and S. Nile Pearce, a married man dealing with his separate property
 Conveyed To: Ed Wittmeier and Mary Wittmeier, husband and wife, as community property
 Transfer Tax: \$3,617.90
 Recorded: December 22, 1986, Instrument No. 86-45423, of Official Records

Affects AP 002-170-004 and other land

- 14.** Document Type: Grant Deed
 Grantor: Ed Wittmeier and Mary Wittmeier, husband and wife
 Conveyed To: E. M. West, a married man, as his sole and separate property, as to an undivided 35.5% interest; Grover W. Pearce, a married man, as his sole and separate property as to an undivided 32.25% interest; S. Nile Pearce, a married man, as his sole and separate property as to an undivided 32.25% interest
 Transfer Tax: \$0.00
 Recorded: January 23, 1990, Instrument No. 90-02960, of Official Records

Affects AP 002-170-004

- 15.** Document Type: Quitclaim Deed
Grantor: Patricia A. West, wife of one of the grantees herein, Florence W. Pearce, wife of one of the grantees herein and Johanne W. Pearce, wife of one of the grantees herein
Conveyed To: E. M. West, a married man, as his sole and separate property; Grover W. Pearce, a married man, as his sole and separate property and S. Nile Pearce, a married man, as his sole and separate property
Transfer Tax: \$0.00
Recorded: January 23, 1990, Instrument No. 90-02961, of Official Records

Affects AP 002-170-004

- 16.** Document Type: Trust Transfer Deed
Grantor: S. Nile Pearce, a married man, as his separate property as to an undivided 32.25 percent interest
Conveyed To: S. Nile Pearce, Trustee of The Pearce Revocable Inter Vivos Trust dated January 25, 1993
Transfer Tax: \$0.00
Recorded: October 1, 1993, Instrument No. 93-042610, of Official Records

Affects AP 002-170-004

- 17.** Document Type: Grant Deed
Grantor: E. M. West, a married man, as to an undivided 35.5% interest
Conveyed To: Foothill Income Properties Limited Partnership, a California Limited Partnership
Transfer Tax: \$0.00
Recorded: January 18, 1994, Instrument No. 94-002549, of Official Records

Affects AP 002-170-004

- 18.** Document Type: Interspousal Transfer Deed
Grantor: Florence E. Pearce, wife of the Grantee herein
Conveyed To: Grover W. Pearce, a married man, as his sole and separate property
Transfer Tax: \$0.00
Recorded: April 7, 1999, Instrument No. 1999-0014778, of Official Records

Affects AP 002-170-004

- 19.** Document Type: Grant Deed
Grantor: Foothill Income Properties Limited Partnership, a California Limited Partnership, as to an undivided 35.5% interest; Grover W. Pearce, a married man, as his sole and separate property as to an undivided 32.25% interest; S. Nile Pearce, Trustee of The Pearce Revocable Inter Vivos Trust dated January 25, 1993, as to an undivided 32.25% interest
Conveyed To: Grover W. Pearce, a married man, as his sole and separate property as to an undivided 50% interest and S. Nile Pearce, Trustee of The Pearce Revocable Inter Vivos Trust dated January 25, 1993, as to an undivided 50% interest
Transfer Tax: \$11.55
Recorded: April 7, 1999, Instrument No. 1999-0014779, of Official Records

Affects AP 002-170-004

- 20.** Document Type: Grant Deed
Grantor: Grover W. Pearce, a married man, as his sole and separate property; S. Nile Pearce, Trustee of the Pearce Revocable Inter Vivos Trust dated January 25, 1993
Conveyed To: Wal-Mart Stores, Inc.
Transfer Tax: \$1,760.00
Recorded: December 29, 2000, Instrument No. 2000-0051379, of Official Records

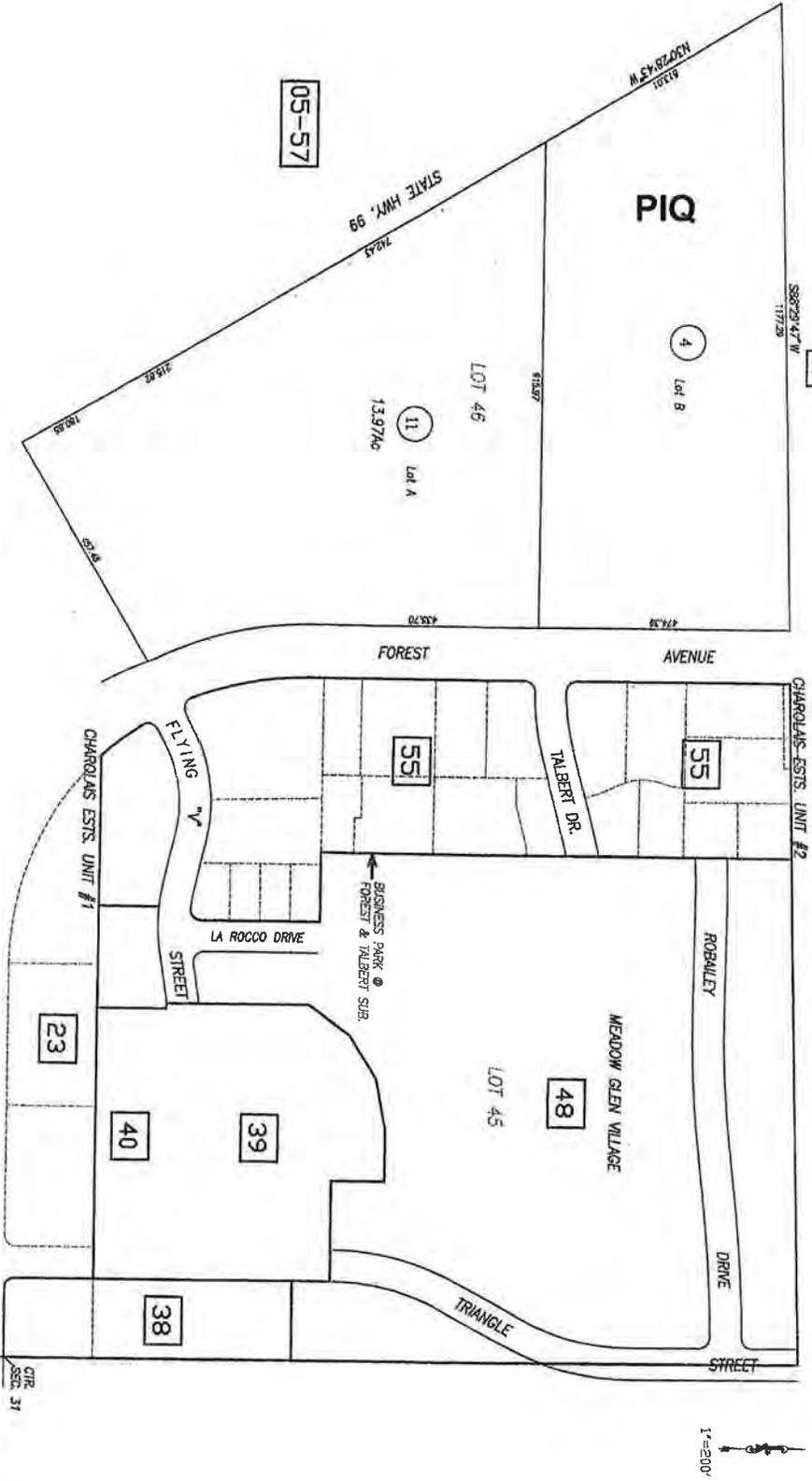
Affects AP 002-170-004

TO DATE, NO ENVIRONMENTAL LIENS HAVE BEEN RECORDED.

END OF ITEMS

PTN. SEC. 31, T.22N. R.2E. M.D.B.&M.

02-17



CHAROLAS ESTATES PUBLIC ST. SUB. UNIT #2, 138 M.O.R. 15/16, 10-30-95
 CHAROLAS ESTATES UNIT #1, 112 M.O.R. 39/41, 10-31-88
 SKYWAY RANCH SUB. UNIT #2, 95 M.O.R. 3/4, 2-29-84

THIS MAP SHOULD BE USED FOR REFERENCE PURPOSES ONLY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA SHOWN. PARCELS MAY NOT COMPLY WITH LOCAL SUBDIVISION OR BUILDING ORDINANCES.

Butte County Assessor's Map
 Book 02, Page 17

NOTE: These parcels are for assessment purposes only and may not constitute legal parcels.

CREATED BY	DBI	CREATED ON	4-17-2000
REVISED BY	SJT	REVISED ON	02-22-2002
EFFECTIVE	02-03	ROLL	

Compiled by The Butte County Assessor's Office

SCHEDULE OF EXCLUSIONS FROM COVERAGE OF THIS GUARANTEE

1. Except to the extent that specific assurances are provided in Schedule A of this Guarantee, the Company assumes no liability for loss or damage by reason of the following:

(a) Defects, liens, encumbrances, adverse claims or other matters against the title, whether or not shown by the public records.

(b) (1) Taxes or assessments of any taxing authority that levies taxes or assessments on real property; or (2) Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not the matters excluded under (1) or (2) are shown by the records of the taxing authority or by the public records.

(c) (1) Unpatented mining claims; (2) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (3) water rights, claims or title to water, whether or not the matters excluded under (1), (2) or (3) are shown by the public records.

2. Notwithstanding any specific assurances which are provided in Schedule A of this Guarantee, the Company assumes no liability for loss or damage by reason of the following:

(a) Defects, liens, encumbrances, adverse claims or other matters affecting the title to any property beyond the lines of the land expressly described in the description set forth in Schedule (A) of this Guarantee, or title to streets, roads, avenues, lanes, ways or waterways to which such land abuts, or the right to maintain therein vaults, tunnels, ramps or any structure or improvements; or any rights or easements therein, unless such property, rights or easements are expressly and specifically set forth in said description.

(b) Defects, liens, encumbrances, adverse claims or other matters, whether or not shown by the public records; (1) which are created, suffered, assumed or agreed to by one or more of the Assureds; (2) which result in no loss to the Assured; or (3) which do not result in the invalidity or potential invalidity of any judicial or non-judicial proceeding which is within the scope and purpose of the assurances provided.

(c) The identity of any party shown or referred to in Schedule A.

(d) The validity, legal effect or priority of any matter shown or referred to in this Guarantee.

GUARANTEE CONDITIONS AND STIPULATIONS

1. Definition of Terms.

The following terms when used in the Guarantee mean:

(a) the "Assured": the party or parties named as the Assured in this Guarantee, or on a supplemental writing executed by the Company.

(b) "land": the land described or referred to in Schedule A and improvements affixed thereto which by law constitute real property. The term "land" does not include any property beyond the lines of the area described or referred to in Schedule A, nor any right, title, interest, estate or easement in abutting streets, roads, avenues, alleys, lanes, ways or waterways.

(c) "mortgage": mortgage, deed of trust, trust deed, or other security instrument.

(d) "public records": records established under state statutes at Date of Guarantee for the purpose of imparting constructive notice of matters relating to real property to purchasers for value and without knowledge.

(e) "date": the effective date.

2. Notice of Claim to be Given by Assured Claimant.

An Assured shall notify the Company promptly in writing in case knowledge shall come to an Assured hereunder of any claim of title or interest which is adverse to the title to the estate or interest, as stated herein, and which might cause loss or damage for which the Company may be liable by virtue of this Guarantee. If prompt notice shall not be given to the Company, then all liability of the Company shall terminate with regard to the matter or matters for which prompt notice is required; provided, however, that failure to notify the Company shall in no case prejudice the rights of any Assured under this Guarantee unless the Company shall be prejudiced by the failure and then only to the extent of the prejudice.

3. No Duty to Defend or Prosecute

The Company shall have no duty to defend or prosecute any action or proceeding to which the Assured is a party, notwithstanding the nature of any allegation in such action or proceeding.

4. Company's Option to Defend or Prosecute Actions; Duty of Assured Claimant to Cooperate.

Even though the Company has no duty to defend or prosecute as set forth in Paragraph 3 above:

(a) The Company shall have the right, at its sole option and cost, to institute and prosecute any action or proceeding, interpose a defense, as limited in (b), or to do any other act which in its opinion may be necessary or desirable to establish the title to the estate or interest as stated herein, or to establish the lien rights of the Assured, or to prevent or reduce loss or damage to the Assured. The Company may take any appropriate action under the terms of this Guarantee, whether or not it shall be liable hereunder, and shall not thereby concede liability or waive any provision of this Guarantee. If the Company shall exercise its rights under this paragraph, it shall do so diligently.

(b) If the Company elects to exercise its options as stated in Paragraph 4(a) the Company shall have the right to select counsel of its choice (subject to the right of such Assured to

object for reasonable cause) to represent the Assured and shall not be liable for and will not pay the fees of any other counsel, nor will the Company pay any fees, costs or expenses incurred by an Assured in the defense of those causes of action which allege matters not covered by this Guarantee.

(c) Whenever the Company shall have brought an action or interposed a defense as permitted by the provisions of this Guarantee, the Company may pursue any litigation to final determination by a court of competent jurisdiction and expressly reserves the right, in its sole discretion, to appeal from an adverse judgment or order.

(d) In all cases where this Guarantee permits the Company to prosecute or provide for the defense of any action or proceeding, an Assured shall secure to the Company the right to so prosecute or provide for the defense of any action or proceeding, and all appeals therein, and permit the Company to use, at its option, the name of such Assured for this purpose. Whenever requested by the Company, an Assured, at the Company's expense, shall give the Company all reasonable aid in any action or proceeding, securing evidence, obtaining witnesses, prosecuting or defending the action or lawful act which in the opinion of the Company may be necessary or desirable to establish the title to the estate or interest as stated herein, or to establish the lien rights of the Assured. If the Company is prejudiced by the failure of the Assured to furnish the required cooperation, the Company's obligations to the Assured under the Guarantee shall terminate.

5. Proof of Loss or Damage.

In addition to and after the notices required under Section 2 of these Conditions and Stipulations have been provided to the Company, a proof of loss or damage signed and sworn to by the Assured shall be furnished to the Company within ninety (90) days after the Assured shall ascertain the facts giving rise to the loss or damage. The proof of loss or damage shall describe the matters covered by this Guarantee which constitute the basis of loss or damage and shall state, to the extent possible, the basis of calculating the amount of the loss or damage. If the Company is prejudiced by the failure of the Assured to provide the required proof of loss or damage, the Company's obligation to such assured under the Guarantee shall terminate. In addition, the Assured may reasonably be required to submit to examination under oath by any authorized representative of the Company and shall produce for examination, inspection and copying, at such reasonable times and places as may be designated by any authorized representative of the Company, all records, books, ledgers, checks, correspondence and memoranda, whether bearing a date before or after Date of Guarantee, which reasonably pertain to the loss or damage. Further, if requested by any authorized representative of the Company, the Assured shall grant its permission, in writing, for any authorized representative of the Company to examine, inspect and copy all records, books, ledgers, checks, correspondence and memoranda in the custody or control of a third party, which reasonably pertain to the loss or damage. All information designated as confidential by the Assured provided

to the Company pursuant to this Section shall not be disclosed to others unless, in the reasonable judgment of the Company, it is necessary in the administration of the claim. Failure of the Assured to submit for examination under oath, produce other reasonably requested information or grant permission to secure reasonably necessary information from third parties as required in the above paragraph, unless prohibited by law or governmental regulation, shall terminate any liability of the Company under this Guarantee to the Assured for that claim.

6. Options to Pay or Otherwise Settle Claims; Termination of Liability.

In case of a claim under this Guarantee, the Company shall have the following additional options:

(a) To Pay or Tender Payment of the Amount of Liability or to Purchase the Indebtedness.

The Company shall have the option to pay or settle or compromise for or in the name of the Assured any claim which could result in loss to the Assured within the coverage of this Guarantee, or to pay the full amount of this Guarantee or, if this Guarantee is issued for the benefit of a holder of a mortgage or a lienholder, the Company shall have the option to purchase the indebtedness secured by said mortgage or said lien for the amount owing thereon, together with any costs, reasonable attorneys' fees and expenses incurred by the Assured claimant which were authorized by the Company up to the time of purchase.

Such purchase, payment or tender of payment of the full amount of the Guarantee shall terminate all liability of the Company hereunder. In the event after notice of claim has been given to the Company by the Assured the Company offers to purchase said indebtedness, the owner of such indebtedness shall transfer and assign said indebtedness, together with any collateral security, to the Company upon payment of the purchase price.

Upon the exercise by the Company of the option provided for in Paragraph (a) the Company's obligation to the Assured under this Guarantee for the claimed loss or damage, other than to make the payment required in that paragraph, shall terminate, including any obligation to continue the defense or prosecution of any litigation for which the Company has exercised its options under Paragraph 4, and the Guarantee shall be surrendered to the Company for cancellation.

(b) To Pay or Otherwise Settle With Parties Other Than the Assured or With the Assured Claimant.

To pay or otherwise settle with other parties for or in the name of an Assured claimant any claim assured against under this Guarantee, together with any costs, attorneys' fees and expenses incurred by the Assured claimant which were authorized by the Company up to the time of payment and which the Company is obligated to pay.

Upon the exercise by the Company of the option provided for in Paragraph (b) the Company's obligation to the Assured under this Guarantee for the claimed loss or damage, other than to make the payment required in that paragraph, shall terminate, including any obligation to continue the defense or prosecution

of any litigation for which the Company has exercised its options under Paragraph 4.

7. Determination and Extent of Liability.

This Guarantee is a contract of indemnity against actual monetary loss or damage sustained or incurred by the Assured claimant who has suffered loss or damage by reason of reliance upon the assurances set forth in this Guarantee and only to the extent herein described, and subject to the Exclusions From Coverage of This Guarantee.

The liability of the Company under this Guarantee to the Assured shall not exceed the least of:

- (a) the amount of liability stated in Schedule A or in Part 2;
- (b) the amount of the unpaid principal indebtedness secured by the mortgage of an Assured mortgagee, as limited or provided under Section 6 of these Conditions and Stipulations or as reduced under Section 9 of these Conditions and Stipulations, at the time the loss or damage assured against by this Guarantee occurs, together with interest thereon; or

(c) the difference between the value of the estate or interest covered hereby as stated herein and the value of the estate or interest subject to any defect, lien or encumbrance assured against by this Guarantee.

8. Limitation of Liability.

(a) If the Company establishes the title, or removes the alleged defect, lien or encumbrance, or cures any other matter assured against by this Guarantee in a reasonably diligent manner by any method, including litigation and the completion of any appeals therefrom, it shall have fully performed its obligations with respect to that matter and shall not be liable for any loss or damage caused thereby.

(b) In the event of any litigation by the Company or with the Company's consent, the Company shall have no liability for loss or damage until there has been a final determination by a court of competent jurisdiction, and disposition of all appeals therefrom, adverse to the title, as stated herein.

(c) The Company shall not be liable for loss or damage to any Assured for liability voluntarily assumed by the Assured in settling any claim or suit without the prior written consent of the Company.

9. Reduction of Liability or Termination of Liability.

All payments under this Guarantee, except payments made for costs, attorneys' fees and expenses pursuant to Paragraph 4 shall reduce the amount of liability pro tanto.

10. Payment of Loss.

(a) No payment shall be made without producing this Guarantee for endorsement of the payment unless the Guarantee has been lost or destroyed, in which case proof of loss or destruction shall be furnished to the satisfaction of the Company.

(b) When liability and the extent of loss or damage has been definitely fixed in accordance with these Conditions and Stipulations, the loss or damage shall be payable within thirty (30) days thereafter.

11. Subrogation Upon Payment or Settlement.

Whenever the Company shall have settled and paid a claim under this Guarantee, all right of subrogation shall vest in the Company unaffected by any act of the Assured claimant.

The Company shall be subrogated to and be entitled to all rights and remedies which the Assured would have had against any person or property in respect to the claim had this Guarantee not been issued. If requested by the Company, the Assured shall transfer to the Company all rights and remedies against any person or property necessary in order to perfect this right of subrogation. The Assured shall permit the Company to sue, compromise or settle in the name of the Assured and to use the name of the Assured in any transaction or litigation involving these rights or remedies.

If a payment on account of a claim does not fully cover the loss of the Assured the Company shall be subrogated to all rights and remedies of the Assured after the Assured shall have recovered its principal, interest, and costs of collection.

12. Arbitration.

Unless prohibited by applicable law, either the Company or the Assured may demand arbitration pursuant to the Title Insurance Arbitration Rules of the American Arbitration Association.

Arbitrable matters may include, but are not limited to, any controversy or claim between the Company and the Assured arising out of or relating to this Guarantee, any service of the Company in connection with its issuance or the breach of a Guarantee provision or other obligation. All arbitrable matters

when the Amount of Liability is \$1,000,000 or less shall be arbitrated at the option of either the Company or the Assured. All arbitrable matters when the amount of liability is in excess of \$1,000,000 shall be arbitrated only when agreed to by both the Company and the Assured. The Rules in effect at Date of Guarantee shall be binding upon the parties. The award may include attorneys' fees only if the laws of the state in which the land is located permits a court to award attorneys' fees to a prevailing party. Judgment upon the award rendered by the Arbitrator(s) may be entered in any court having jurisdiction thereof.

The law of the situs of the land shall apply to an arbitration under the Title Insurance Arbitration Rules.

A copy of the Rules may be obtained from the Company upon request.

13. Liability Limited to This Guarantee; Guarantee Entire Contract.

(a) This Guarantee together with all endorsements, if any, attached hereto by the Company is the entire Guarantee and contract between the Assured and the Company. In interpreting any provision of this Guarantee, this Guarantee shall be construed as a whole.

(b) Any claim of loss or damage, whether or not based on negligence, or any action asserting such claim, shall be restricted to this Guarantee.

(c) No amendment of or endorsement to this Guarantee can be made except by a writing endorsed hereon or attached hereto signed by either the President, a Vice President, the Secretary, an Assistant Secretary, or validating officer or authorized signatory of the Company.

14. Notices, Where Sent.

All notices required to be given the Company and any statement in writing required to be furnished the Company shall include the number of this Guarantee and shall be addressed to the company at:

FNF - Southwest Claims Center
17911 Von Karman Avenue Suite 300
Irvine, CA 92614
Attn: Claims Administration

RECEIVED

DEC 10 2007

GEOPlus, Inc.

LIMITED ASBESTOS BUILDING MATERIAL
AND LEAD-BASED PAINT SURVEY REPORT
PROPOSED WAL-MART STORE NO. 2044
EXPANSION AREA
2044 FOREST AVENUE
CHICO, CALIFORNIA



KLEINFELDER

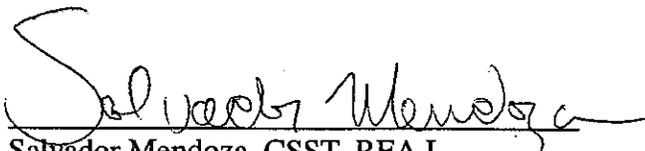
An employee owned company

A Report Prepared for:

Mr. Mike Neer, PE
Project Manager
PACLAND
606 Colombia Street, Suite 106
Olympia, WA 98501

**LIMITED ASBESTOS BUILDING MATERIAL
AND LEAD-BASED PAINT SURVEY REPORT
PROPOSED WAL-MART STORE NO. 2044 EXPANSION AREA
2044 FOREST AVENUE
CHICO, CALIFORNIA**

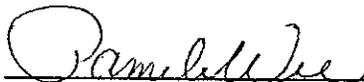
Kleinfelder Job No. 21148-002



Salvador Mendoza, CSST, REA I
Certified Site Surveillance Technician, No. 00-2849
DHS Certified Lead Inspector/Assessor, No. 9684
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May 12, 2003

21148-002/SAC3R225
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May 12, 2003

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Table 1 - Summary of Asbestos Building Materials Survey Results

Table 2 - Summary of Lead-Based Paint Survey Results

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- A Analytical Data Reports and Chain of Custody Forms
- B Kleinfelder’s “Lead Hazard Evaluation Report” submittal to DHS (copy)
- C Application for Authorization to Use Form

1 EXECUTIVE SUMMARY

This report presents the results of the Limited Asbestos Building Materials and Lead-Based Paint Survey conducted on April 30, 2003 for the occupied retail Wal-Mart (Store No. 2044) complex located at 2044 Forest Avenue in Chico, California. The purpose of this survey is to evaluate the locations, condition, and quantity of Asbestos Containing Materials (ACMs) and Lead-Based Paints (LBPs) within the proposed expansion areas located on-site.

The asbestos survey consisted of a site reconnaissance to identify suspect ACMs, collection of bulk building materials, laboratory analysis of samples by Polarized Light Microscopy (PLM), and a physical assessment of the suspect ACMs.

The Lead-Based Paint (LBP) survey consisted of a site reconnaissance to identify painted surfaces suspected of containing LBPs with a portable XRF lead paint analyzer unit and collection of confirmation paint chip samples for laboratory analysis (if necessary).

The surveys were conducted in general accordance with the United States Environmental Protection Agency (EPA), California Department of Health Services (DHS), and California Occupational Safety and Health Administration (Cal-OSHA) standards and protocols.

Results of the Asbestos Survey

A total of 21 bulk samples were collected from the occupied retail complex for asbestos analysis. None of the 21 samples submitted for analysis were reported by the laboratory as containing asbestos.

Results of the Lead-Based Paint Survey

A total of 20 readings of painted building components within the building suspected of containing lead were collected with the portable XRF lead paint analyzer unit. None of the 20 readings exceeded the established Housing and Urban Development (HUD) and EPA criterion of 1.0 mg/cm^2 (5,000 ppm) for lead.

A summary of our Asbestos Survey Results is included in Chapter 3. The findings for the Lead-Based Paint Survey are included in Chapter 4. Our conclusions and recommendations are summarized in Chapter 5.

2 BUILDING DESCRIPTION AND REGULATORY OVERVIEW

2.1. INTRODUCTION

This report presents the results of Kleinfelder's Limited Asbestos Building Material and Lead-Based Paint Survey for the occupied Wal-Mart retail complex located at 2044 Forest Avenue in Chico, California. The purpose of the survey was to evaluate the locations, condition, and quantity of ACMs and LBPs located within the proposed renovation (expansion) areas. The survey was conducted in accordance with regulatory requirements of Federal OSHA, EPA, Cal-OSHA, and the Butte County Air Quality Management District (BCAQMD) as they relate to renovation and/or demolition projects.

2.2. BUILDING DESCRIPTION

The occupied Wal-Mart retail complex located at 2044 Forest Avenue is a single-story structure consisting of perimeter CMU block walls situated on a concrete slab foundation that encompasses approximately 98,000 square feet. The proposed renovation area(s) were primarily located on the south and east sides of the existing store and include a Courtesy Desk, 1 Hour Photo Department, McDonald's, Vision Center, main store entryway, and limited sales floor areas. Interior building materials include vinyl floor tiles, sheet vinyl flooring materials, and carpeting with associated glue and/or mastics. The interior wall systems are composed of exposed CMU block walls and sheetrock walls. Interior ceiling consisted of exposed metal framing and associated insulation material along with limited areas of white 24-inch by 48-inch ceiling panels. Exterior building materials include painted CMU blocks and stucco. Roofing materials consist of asphalt composition rolled roofing with associated penetration/ventilation mastic. The building appeared to be in good condition and is reported to have been originally constructed circa 1990.

2.3. REGULATORY OVERVIEW FOR ASBESTOS

Federal, State, and local agencies provide regulatory oversight for the management, removal, and disposal of ACMs. Both Cal-OSHA and Federal OSHA regulate asbestos as a worker health and safety issue. EPA regulations concerning the identification, handling, management, and abatement of ACMs (as found in the Asbestos Hazard Emergency Response Act [AHERA] and

National Emission Standards for Hazardous Air Pollutants [NESHAP]) are implemented locally by the BCAQMD. The transportation and disposal of asbestos-containing wastes are overseen by the DTSC. Federal OSHA, the EPA, the DTSC, and the BCAQMD define ACMs as materials containing greater than 1 percent asbestos.

There are a variety of regulatory agencies and regulations that relate to asbestos containing materials. There are three primary regulations that govern various activities (e.g., inspection, assessment, abatement, etc.) relating to ACMs: AHERA, NESHAP, and the Asbestos Construction Safety Standard OSHA and Cal-OSHA regulations. The following is a brief description of each regulation relating to ACMs.

Asbestos Hazard Emergency Response Act (AHERA)

AHERA (40 Code of Federal Regulations [CFR] part 763), as implemented by the EPA, primarily pertains to the assessment and management of ACMs in K-12 non-profit schools. However, many of the procedures, training requirements, and certifications defined by AHERA have become the industry standard for all other facilities. For this survey, AHERA protocols were utilized in the identification, assessment, and sampling of building materials suspected of containing asbestos.

National Emission Standard for Hazardous Air Pollutants (NESHAP)

NESHAP (40 CFR Part 61) is an asbestos standard that protects the general public from asbestos exposure due to renovation or demolition activities. NESHAP requires surveying for suspect materials (as defined above), notifying of intent to renovate or demolish, removal of regulated ACM (RACM) prior to renovation or demolition, and proper management of asbestos containing wastes. A RACM is defined by NESHAP as follows:

- Any friable ACM;
- A Category I non-friable ACM (such as floor tiles and asphalt roofing products) that has become friable or will be subject to sanding, grinding, cutting, or abrading during renovation or demolition activities; or
- A Category II non-friable ACM (all other non-friable ACMs) that has a high probability of becoming friable during demolition or renovation activities.

NESHAP requires that demolition activities be conducted with no visible emissions using wet methods. It should be noted that while NESHAP regulates renovation and demolition activities, it does not protect individual workers conducting asbestos abatement, and does not provide instructions for how asbestos abatement projects should be conducted.

Asbestos Standard for the Construction Industry

The Asbestos Standard for the Construction Industry (Federal OSHA, 29 CFR 1276.1101, and California OSHA 8 California Code of Regulations [CCR] 1529) regulates asbestos exposure in the work place. This includes both persons working in a building containing ACMs and abatement workers/contractors.

For abatement workers and contractors, the Asbestos Standard for Construction (Construction Standard) regulates the following:

- Protection of workers and the public during the removal;
- Medical surveillance requirements for workers;
- Detailed requirements for how asbestos is to be removed; and
- Training requirements for abatement personnel.

Previously noted building materials containing greater than 1 percent asbestos are considered ACMs, and should be managed accordingly. However, the California Division of Occupational Safety and Health (DOSH), also known as Cal-OSHA, defines asbestos containing construction material (ACCM) as any building material that contains more than 0.1 percent (one-tenth of one percent) asbestos by weight. In addition, those building materials presumed or known to contain at least trace amounts (not greater than 1 percent) of asbestos should be considered as ACCM, and should be managed according to Cal-OSHA regulations (as presented in Title 8, CCR, Section 1529).

2.4. REGULATORY OVERVIEW FOR LEAD-BASED PAINT

The U.S. EPA, HUD, and the California Department of Health Services (DHS) define LBPs as paints containing greater than 5,000 ppm, 0.5% lead by weight or 1.0 mg/cm² total lead. OSHA and Cal-OSHA regulations (Lead Construction Standard) do not provide a definition for "lead-based paint" but do refer to the EPA, HUD, and DHS numbers mentioned above. Cal-OSHA is

primarily concerned with worker protection and therefore, regulates any amount of lead contained within painted building components.

In addition, Cal-OSHA does provide a Permissible Exposure Limit (PEL) for worker exposure to airborne lead particles of 50 micrograms per cubic meter of air ($50 \mu\text{g}/\text{m}^3$ for an 8-hour time-weighted average). The OSHA Lead Construction Standard also lists an Action Level of $30 \mu\text{g}/\text{m}^3$ for an 8-hour time-weighted average. Therefore, renovation or demolition activities that include materials with lead in any concentration could, under certain circumstances, trigger the OSHA and Cal-OSHA regulations.

The concentrations of airborne lead generated by disturbing the paints at the site would vary based upon several factors, including the type of activity (including "trigger tasks") and the severity of disturbance to the building materials. Determination of airborne lead concentrations would require air monitoring by a trained lead professional during building material disturbance. The results of the lead based paint survey should be provided to contractors and subcontractors performing work at the site that may disturb painted components.

3 ASBESTOS SURVEY

3.1. ASBESTOS SURVEY AND ANALYSIS METHODS

On April 30, 2003, Kleinfelder conducted a visual survey and collected limited bulk samples of building materials from the proposed renovation areas associated with the occupied retail complex suspected of containing asbestos. Mr. Salvador Mendoza, a State of California Certified Site Surveillance Technician (CSST, No. 00-2849), conducted the survey. The survey was completed in general accordance with AHERA methods (40 CFR, Part 763), as a guideline.

Survey procedures included the visual observation and identification of building materials suspected of containing asbestos, sample collection, and physical assessment of the suspect materials. Physical assessment of suspect building materials is conducted by assessing if a building material is friable or non-friable, and current condition of the material. According to AHERA, a "friable material" can be reduced to dust or powder with hand pressure. Examples of friable materials may include but are not limited to fireproofing, sprayed-on acoustical ceiling material, Thermal System Insulation (TSI) and drywall texture. Concern related to exposure to airborne asbestos fibers from ACMs in buildings has primarily been focused on friable asbestos products.

Materials that contain tightly bound asbestos fibers are reported as "non-friable". A "non-friable" material contains asbestos fibers that have been locked-in by a bonding agent, coating, binder, or other material, so that fibers are not released during appropriate use or handling. Vinyl floor tile and flooring mastics are two examples of non-friable materials. Fiber release is less likely to occur with a non-friable material. Non-friable materials that are not damaged and are left undisturbed are not expected to represent an asbestos exposure risk. Both friable and non-friable materials can present a health hazard should they become disturbed or damaged (e.g., during renovation or demolition activities).

ACMs in good condition are those that have no visible damage or deterioration. ACMs in good condition do not present a health hazard if maintained in such a condition and left undisturbed. An ACM observed to be damaged (less than 10 percent over total area or 25 percent localized) has the potential to release asbestos fibers if disturbed. An ACM observed to be significantly

damaged (greater than 10 percent over total area or greater than 25 percent localized) has the potential to release asbestos fibers during normal use.

Bulk samples were collected using AHERA protocols as a guideline. Each sample was placed into a plastic bag and labeled with a unique sample number. The location of the sample was noted on the Sample Location Map of the building and logged onto a chain-of-custody form. The Sample Location Map indicating the approximate locations of building material samples collected has been provided as Plates 1A and 1B. A summary of building material samples collected, the sample locations, asbestos content, condition, friability, and area estimates are summarized on Table 1. Copies of the analytical laboratory reports and chain-of-custody forms are included in Appendix A.

The bulk samples were delivered to Asbestech Laboratories, Inc., Carmichael, California. Asbestech is certified through EPA's National Voluntary Laboratory Accreditation Program (NVLAP) and DHS's Environmental Laboratory Accreditation Program (ELAP) to perform asbestos testing of bulk materials.

3.2. ASBESTOS SURVEY RESULTS

Kleinfelder inspected the proposed renovation areas and collected limited bulk samples of suspect asbestos containing materials. Kleinfelder collected a total of 21 bulk building materials samples, of which none were reported by the laboratory as containing asbestos. Because the building was occupied at the time of our survey, Kleinfelder performed non-destructive sampling (i.e., hidden materials behind walls, above ceilings, etc. were not assessed and sampled). Additional samples of suspect materials not observed during this assessment may need to be sampled and assessed for their possible asbestos content. Our sampling protocol and scope of work were conducted based on the proposed building renovation activities that are scheduled to occur at a later time.

4.2. LEAD-BASED PAINT SURVEY RESULTS

Kleinfelder collected 20 readings of painted building components suspected of containing lead-based paint from the proposed renovation areas. Based on the results from the portable XRF analysis, none of the building components observed at the site were recorded as containing lead greater than 1.0 mg/cm².

Confirmation paint chip readings of painted building materials were not collected and assessed as to their lead content because all of the XRF readings were reported as containing lead less than (<) 5,000 ppm which is below the EPA and HUD guidelines. Additional lead information is reported in Table 2, in Appendix B.

5 CONCLUSIONS AND RECOMMENDATIONS

Based upon our visual observations and subsequent analysis of building material samples collected, ACMs and LBPs are not present in the proposed renovation areas located within the occupied retail complex located at 2044 Forrest Ave. in Chico, California. However, because the building was occupied and Kleinfelder did not perform destructive sampling techniques, the possibility exists that hidden materials behind walls, above ceilings, and in additional areas of the building not assessed by Kleinfelder may contain asbestos.

It is Kleinfelder's understanding that the building is scheduled for renovation activities in the near future. Renovation or demolition activities which could disturb ACMs and LBPs should be performed by properly trained and qualified personnel only, and in accordance with Federal, State, and local regulations, as implemented by Cal-OSHA, Federal OSHA, U.S. E.P.A., DTSC, and BCAQMD.

Prior to any future demolition or renovation work, Kleinfelder recommends that the following actions be taken:

- A ten working day notification is required for every demolition project even when no ACMs are present, and for each renovation project where the amount of friable ACM is equal to or greater than 160 square or 260 linear feet. Prior to the initiation of the abatement work, the abatement contractor must complete a Notification of Demolition or Asbestos Removal form and submit it to the BCAQMD. The BCAQMD will return the Notification form with a "notification number" to the abatement contractor;
- The general contractor should obtain a building renovation/demolition permit from the local building department having jurisdiction in the area of the site.
- Kleinfelder should be consulted to review any change in scope that deviates from the planned renovation activities developed by WalMart prior to conducting our survey activities to prevent future disturbance/removal of additional ACMs/LBPs, which may be present within the interior/exterior of the building.

6 LIMITATIONS

Kleinfelder performed this survey in accordance with generally accepted standards of care practiced by other members of our profession in Chico (Butte County) at the time the work was completed. The completed survey was limited to the areas sampled and the number of samples collected. Our findings are limited to the conditions and results reported for the time the survey was completed. No warranty, expressed or implied, is made.

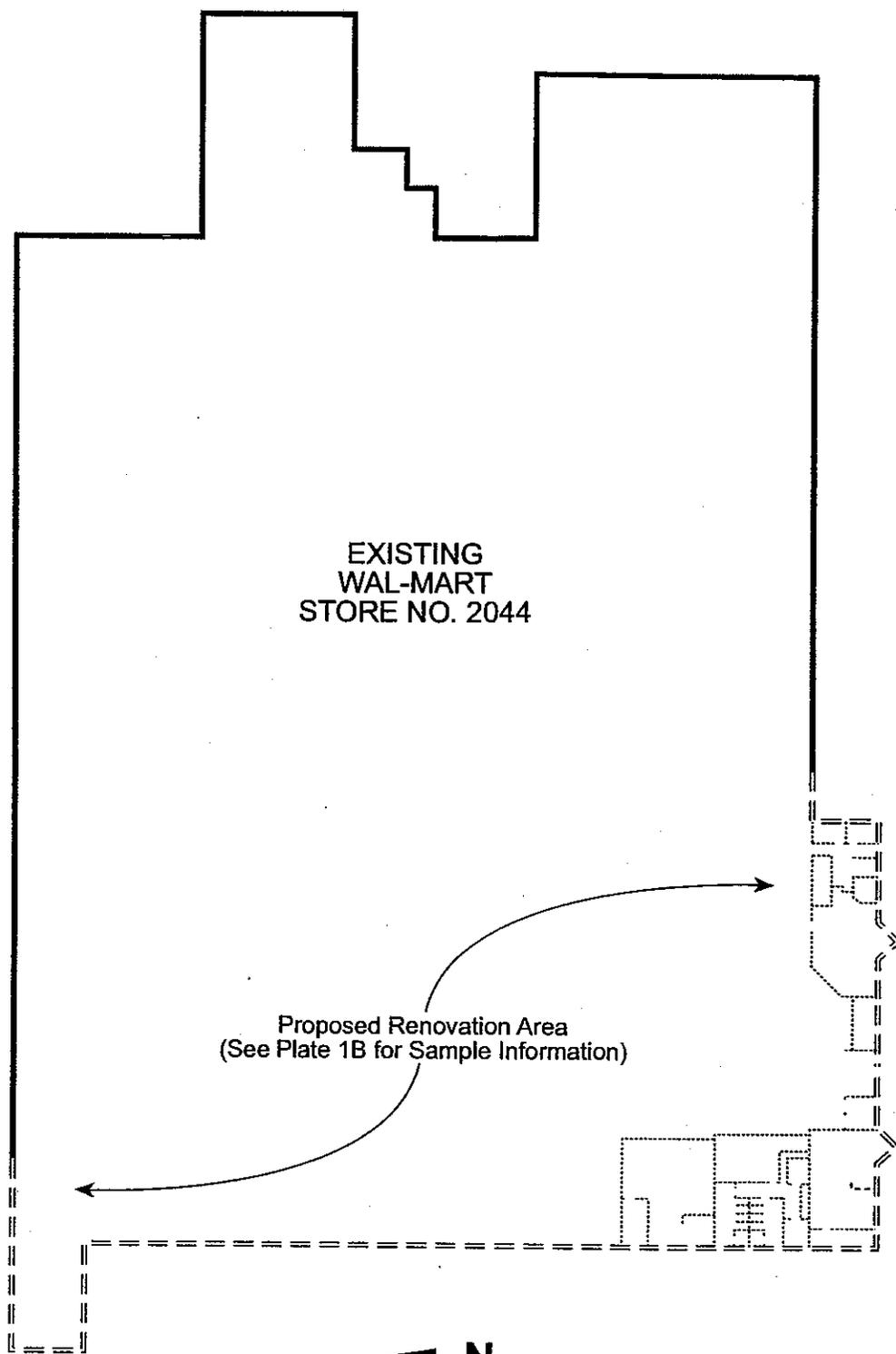
The findings of this asbestos and lead-based paint survey report are not intended to be used as asbestos abatement specifications, and should not be used as such.

The scope of services described here is not intended to be inclusive, to identify all potential concerns, or to eliminate the possibility of other environmental problems. Within current technology, no level of assessment can show conclusively that a property or its structures are completely free of hazardous substances. Therefore, Kleinfelder cannot offer a certification that the property is free of environmental liability. Kleinfelder will assume no responsibility or liability whatsoever for any claim, loss of property value, damage, or injury which results from pre-existing hazardous materials being encountered or present on the project site, or from the discovery of such hazardous materials. Kleinfelder offers a range of investigative and engineering services to suit the varying needs of our clients. Although risk can never be eliminated, more detailed and extensive investigations yield more information, which may help understand and manage the degree of risk. Since such detailed services involve greater expense, our clients participate in determining the level of service, which provide adequate information for their purposes at an acceptable level of risk.

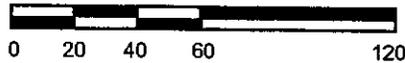
Unauthorized use or copying of this document is strictly prohibited. See "Application for Authorization to Use" located in Appendix C of this document if use or copying is desired by anyone other than the client and for the project identified above.

EXISTING
WAL-MART
STORE NO. 2044

Proposed Renovation Area
(See Plate 1B for Sample Information)



APPROXIMATE SCALE: 1-inch = 60-feet



KH KLEINFELDER

SAMPLE LOCATION MAP

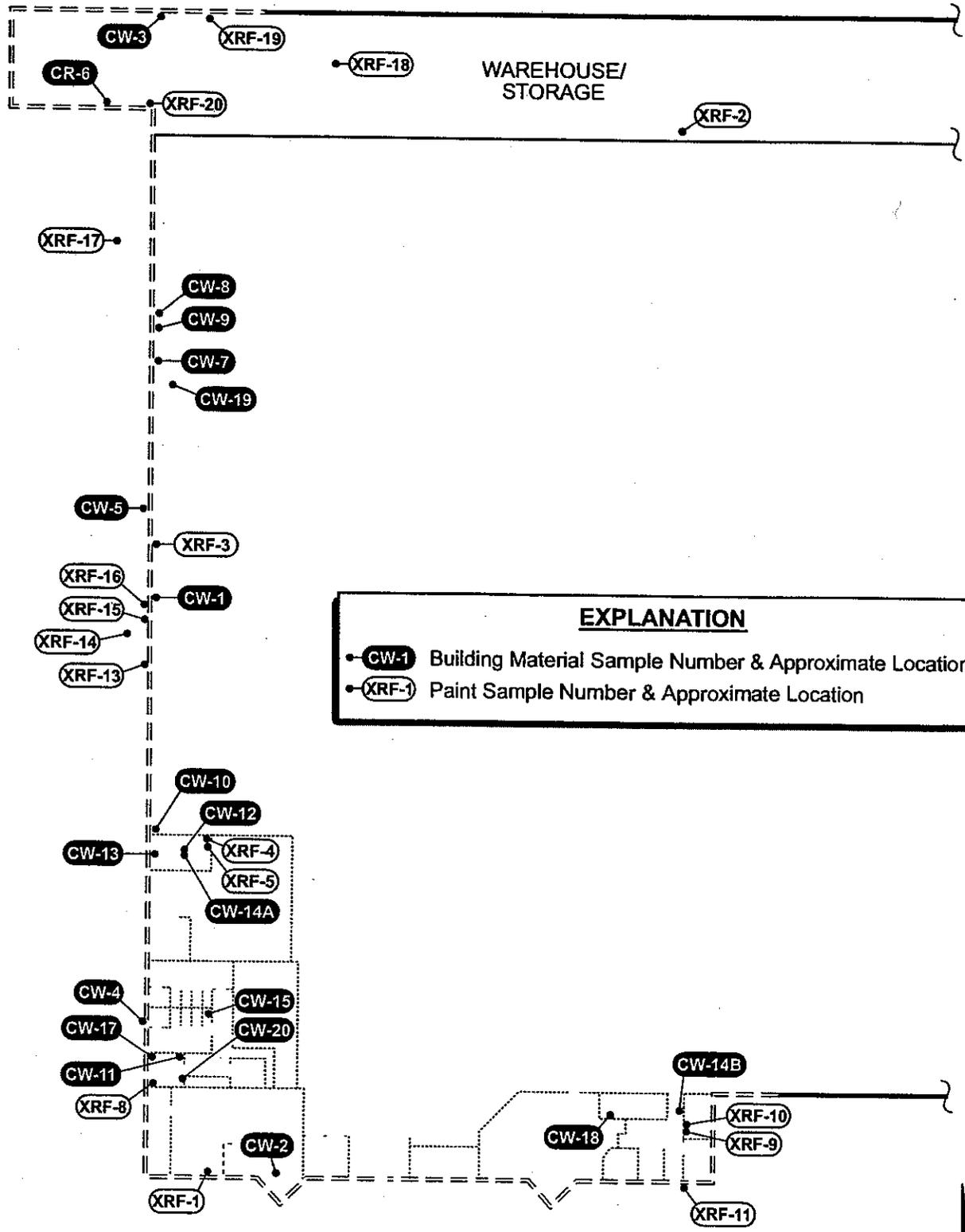
LIMITED ASBESTOS BUILDING MATERIAL
AND LEAD BASED PAINT SURVEY
2044 FOREST AVENUE
CHICO, CALIFORNIA

PLATE

1A

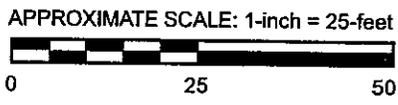
Drawn By: D. Shelhart
Project No. 21148-002

Date: 5-6-2003
Filename: 2819a.fh10



EXPLANATION

- **CW-1** Building Material Sample Number & Approximate Location
- **XRF-1** Paint Sample Number & Approximate Location



		SAMPLE LOCATION MAP LIMITED ASBESTOS BUILDING MATERIAL AND LEAD BASED PAINT SURVEY 2044 FOREST AVENUE CHICO, CALIFORNIA	PLATE 1B
Drawn By: D. Shelhart Project No. 21148-002	Date: 5-6-2003 Filename: 2819b.fh10		

TABLE 1
SUMMARY OF LIMITED ASBESTOS BUILDING MATERIALS SURVEY RESULTS
OCCUPIED WAL-MART STORE NO. 2044
2044 FOREST AVENUE
CHICO, CALIFORNIA

Sampling Date: April 30, 2003

Sample No.	Sample Location	Sample Description	Asbestos Content	Condition /Friability	Area (sq. ft.)
CW-1	Roof	Gray rolled composition roofing material/mastic/silver paint	ND/ND/ND	NA	NA
CW-2	Roof	Gray rolled composition roofing material/mastic/silver paint	ND/ND/ND	NA	NA
CW-3	Roof	Gray rolled composition roofing material/mastic/silver paint	ND/ND/ND	NA	NA
CW-4	Roof	Light gray ventilation-penetration mastic	ND	NA	NA
CW-5	Roof	Light gray ventilation-penetration mastic	ND	NA	NA
CW-6	Roof	Light gray ventilation-penetration mastic	ND	NA	NA
CW-7	Sales Floor	Red vinyl floor tile boarder/gray mastic	ND/ND	NA	NA
CW-8	Sales Floor	Tan carpet adhesive/gray paint	ND/ND	NA	NA
CW-9	Sales Floor	White drywall/joint compound/composite	ND/ND/ND	NA	NA
CW-10	Sales Floor	White drywall/joint compound/joint compound/composite	ND/ND/ND/ND	NA	NA

TABLE 1
SUMMARY OF LIMITED ASBESTOS BUILDING MATERIALS SURVEY RESULTS
OCCUPIED WAL-MART STORE NO. 2044
2044 FOREST AVENUE
CHICO, CALIFORNIA

Sampling Date: April 30, 2003

Sample No.	Sample Location	Sample Description	Asbestos Content	Condition /Friability	Area (sq. ft.)
CW-11	Office	White drywall/joint compound/composite	ND/ND/ND	NA	NA
CW-12	McDonald's	Beige sheet flooring material/yellow mastic	ND/ND	NA	NA
CW-13	Restroom	Yellow wainscot mastic	ND	NA	NA
CW-14A	McDonald's	White 24-inch by 48-inch ceiling panel	ND	NA	NA
CW-14B	Optical Center	White 24-inch by 48-inch ceiling panel	ND	NA	NA
CW-15	Office	Gray basecove/white mastic/white leveling compound	ND/ND/ND	NA	NA
CW-16	Sample	Black roof patch material (not depicted on plates)	ND	NA	NA
CW-17	Office	White 12-inch by 12-inch vinyl floor tile/yellow mastic	ND/ND	NA	NA
CW-18	Optical Center	White 12-inch by 12-inch vinyl floor tile/yellow mastic	ND/ND	NA	NA
CW-19	Sales Floor	White 12-inch by 12-inch vinyl floor tile/yellow mastic	ND/ND	NA	NA
CW-20	Restroom	Gray 6-inch by 6-inch ceramic floor tile/gray grout	ND/ND	NA	NA

G = Good condition

F = Fair condition

NA = Not applicable because no asbestos detected in sample.

ND = No asbestos detected



21148-002-SAC3R225
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TABLE 2
SUMMARY OF LIMITED LEAD-BASED PAINT SURVEY RESULTS
OCCUPIED WAL-MART STORE NO. 2044
2044 FOREST AVENUE
CHICO, CALIFORNIA

Sampling Date: April 30, 2003

Analytical results were taken with a RMD LP-1 portable X-Ray Fluorescent (XRF) analyzer unit

Sample No.	Material Location	Sample Description, substrate	Results mg/cm ²	Condition	Area (sq. ft.)
XRF-1	Courtesy Desk	Gray exterior metal roof flashing material	-0.1	NA	NA
XRF-2	Warehouse	Red-brown interior metal roof support system	-0.2	NA	NA
XRF-3	East interior wall	Gray interior drywall paint	-0.3	NA	NA
XRF-4	McDonald's	Blue interior metal door trim	-0.1	NA	NA
XRF-5	McDonald's	Blue interior metal door	-0.4	NA	NA
XRF-6	Restroom	Gray interior metal door	-0.2	NA	NA
XRF-7	Restroom	Gray interior metal door trim	-0.2	NA	NA
XRF-8	Office	Gray interior drywall paint	-0.2	NA	NA
XRF-9	Vision Center	Gray interior metal door trim	-0.2	NA	NA
XRF-10	Vision Center	Gray interior metal door	-0.3	NA	NA
XRF-11	Vision Center	Black exterior metal door trim	-0.7	NA	NA
XRF-12	Entryway	Red exterior entryway parking columns (not depicted on plates)	-0.2	NA	NA
XRF-13	East exterior wall	Beige exterior CMU block wall	-0.2	NA	NA
XRF-14	East exterior wall	Beige exterior metal hand rail	-0.2	NA	NA
XRF-15	East exterior wall	Beige exterior metal door trim	-0.0	NA	NA
XRF-16	East exterior wall	Beige exterior metal door	-0.2	NA	NA

TABLE 2 (cont.)
SUMMARY OF LIMITED LEAD-BASED PAINT SURVEY RESULTS
OCCUPIED WAL-MART STORE NO. 2044
2044 FOREST AVENUE
CHICO, CALIFORNIA

Sampling Date: April 30, 2003

Analytical results were taken with a RMD LP-1 portable X-Ray Fluorescent (XRF) analyzer unit

Sample No.	Material Location	Sample Description, substrate	Results mg/cm ²	Condition	Area (sq. ft.)
XRF-17	Northeast exterior wall	Beige exterior metal hand rail	-0.1	NA	NA
XRF-18	Warehouse	Green interior metal storage rack(s)	-0.2	NA	NA
XRF-19	Warehouse	White interior CMU black wall	-0.3	NA	NA
XRF-20	Warehouse	White interior metal door	-0.3	NA	NA

NA = Not applicable because lead was not detected in samples.

APPENDIX A

**ANALYTICAL DATA REPORTS AND CHAIN OF CUSTODY
FORMS**

ASBESTECH
 6825 Fair Oaks Blvd., Suite 103
 Carmichael, California 95608
 Tel.(916) 481-8902 Fax (916) 481-3975

Client:
 Kleinfelder
 3077 Fite Circle
 Sacramento, CA 95827

Job:
 21481-002
 2044 Forest Ave.

BULK ASBESTOS ANALYSIS REPORT

LAB JOB #42338-1
 Date/Time Collected: 4/30/03
 Date Received: 5/1/03

NVLAP # 101442
 DOHS # 1153
 Date Analyzed: 5/5/03

<u>Sample No.</u>	<u>Color/Description</u>	<u>% Type Asbestos</u>	<u>Other Materials</u>
CW-1	Gray rolled composition roofing/mastic west center roof	NONE DETECTED	Tar Binder Fibrous Glass
	Silver paint	NONE DETECTED	Opagues
CW-2	Gray rolled composition roofing/mastic SW center roof	NONE DETECTED	Tar Binder Fibrous Glass
	Silver paint	NONE DETECTED	Opagues
CW-3	Gray rolled composition roofing/mastic NW center roof	NONE DETECTED	Tar Binder Fibrous Glass
	Silver paint	NONE DETECTED	Opagues
CW-4	Light gray ventilation penetration mastic roof SW center	NONE DETECTED	Opagues Polyethylene
CW-5	Light gray ventilation penetration mastic roof west center	NONE DETECTED	Opagues Polyethylene
CW-6	Light gray ventilation penetration mastic roof NW center	NONE DETECTED	Opagues Polyethylene
CW-7	Red VFT border, sales floor	NONE DETECTED	Calcite
	Gray mastic	NONE DETECTED	Synthetics

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 660/R-93/116. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS 1% WITH THE PROVISION THAT PLM MAY NOT DETECT FIBERS ~0.25 MICRONS IN DIAMETER THAT MAY BE PRESENT IN SAMPLES SUCH AS FLOOR TILES. IN ACCORDANCE WITH TITLE 22, CCR, SECTION 66261.24(b)(2)(A), THE MCL IS 1%. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.

NVLAP

ANALYST SIGNATURE: _____

ASBESTECH
 6825 Fair Oaks Blvd., Suite 103
 Carmichael, California 95608
 Tel.(916) 481-8902 Fax (916) 481-3975

Client:
 Kleinfelder
 3077 Fite Circle
 Sacramento, CA 95827

Job:
 21481-002
 2044 Forest Ave.

BULK ASBESTOS ANALYSIS REPORT

LAB JOB #42338-2
 Date/Time Collected: 4/30/03
 Date Received: 5/1/03

NVLAP # 101442
 DOHS # 1153
 Date Analyzed: 5/5/03

<u>Sample No.</u>	<u>Color/Description</u>	<u>% Type Asbestos</u>	<u>Other Materials</u>
CW-8	Tan interior carpet adhesive, sales floor	NONE DETECTED	Synthetics
	Gray paint	NONE DETECTED	Opacues
CW-9	White drywall, sales floor	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound	NONE DETECTED	Calcite
	Composite	NONE DETECTED	Gypsum Fibrous Glass Calcite
CW-10	White drywall, sales floor	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Calcite
	White joint compound 2	NONE DETECTED	Calcite Gypsum
	Composite	NONE DETECTED	Gypsum Fibrous Glass Calcite

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 600/R-93/116. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS 1% WITH THE PROVISION THAT FLM MAY NOT DETECT FIBERS <0.25 MICRONS IN DIAMETER THAT MAY BE PRESENT IN SAMPLES SUCH AS FLOOR TILES. IN ACCORDANCE WITH TITLE 22, CCR, SECTION 6261.24(b)(2)(A), THE MCL IS 1%. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.

NVLAP

ANALYST SIGNATURE: _____

[Handwritten Signature]

ASBESTECH
 6825 Fair Oaks Blvd., Suite 103
 Carmichael, California 95608
 Tel.(916) 481-8902 Fax (916) 481-3975

Client:
 Kleinfelder
 3077 Fite Circle
 Sacramento, CA 95827

Job:
 21181 002
 2044 Forest Ave.

BULK ASBESTOS ANALYSIS REPORT

LAB JOB #42338-3
 Date/Time Collected: 4/30/03
 Date Received: 5/1/03

NVLAP # 101442
 DOHS # 1153
 Date Analyzed: 5/5/03

<u>Sample No.</u>	<u>Color/Description</u>	<u>% Type Asbestos</u>	<u>Other Materials</u>
CW-11	White drywall, office	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound	NONE DETECTED	Calcite
	Composite	NONE DETECTED	Gypsum Fibrous Glass Calcite
CW-12	Beige sheet flooring, McDonnals prep room	NONE DETECTED	Vinyl Cellulose Calcite
	Yellow mastic	NONE DETECTED	Calcite
CW-13	Yellow wainscot mastic, restroom	NONE DETECTED	Calcite
CW-14A	White 2X4 ceiling panel, McDonalds	NONE DETECTED	Gypsum Fibrous Glass Cellulose
CW-14B	White 2X4 ceiling panel, Optical	NONE DETECTED	Cellulose Pumice
CW-15	Gray base cove, office	NONE DETECTED	Opaques Calcite
	White mastic	NONE DETECTED	Calcite
	White leveling compound	NONE DETECTED	Calcite

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 600/R-93/116. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS 1% WITH THE PROVISION THAT FLM MAY NOT DETECT FIBERS 0.25 MICRONS IN DIAMETER THAT MAY BE PRESENT IN SAMPLES SUCH AS FLOOR TILES. IN ACCORDANCE WITH TITLE 22, CCR, SECTION 66261.24(a)(2)(A), THE MCL IS 1%. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.

NVLAP

ANALYST SIGNATURE: _____

Jim Jaffe

BULK SAMPLE - ANALYSIS REQUEST

P.O.-NUMBER



ASBESTECH
6825 FAIR OAKS BLVD., STE. 103
CARMICHAEL, CA 95608

TEL (916) 481-8902

FAX (916) 481-3975

NAME OF COMPANY Ka	SAMPLE COLLECTED BY S. Menboza	DATE COLLECTED 4/30/03
MAILING ADDRESS	SPECIAL INSTRUCTIONS/TURNAROUND TIME STAT	
	JOB ID#: ZHBI-002 ZHBI-002 ZHBI-002 ZHBI-002	
TELEPHONE NO. (916) 366-1201	JOB SITE: 2044 FOREST AVE - CHICO	

PLM ASBESTOS
 TEM ASBESTOS
 AA LEAD PAINT
 AA LEAD WIPE
 AA LEAD SOIL/TTLIC
 LEAD STLC
 LEAD TOLP

SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE DESCRIPTION
CW-1	ROOF (WEST CENTER)	GRAY POLYESTER CONCRETE/BLACK MASTIC/SILVER PAINT
CW-2	ROOF (SUX)	↓
3	ROOF (NWC)	↓
4	↓ (SUX)	LIGHT GRAY VENTILATION - PENETRATION MASTIC
5	↓ (WEST CENTER)	↓
6	↓ (NWC)	↓
7	SALES FLOOR	RED VET BARRIER/MASTIC
8	↓	TAN INT. CONCRETE ADHESIVE
9	↓	DETAILED / JOINT COMPOUND
10	↓	↓
11	OFFICE	↓
12	MCDONALD'S PREP. ROOM	BEIGE SIBET FLOORING/MASTIC
12	RESTROOM	YELLOW WALKOFF MASTIC
14A & 14B	A = MCDONALD'S B = OPTICAL	WHITE ZYL CEILING PANEL.
15	OFFICE	BASCORE MASTIC
16	16 VOID GR BLACK ROOF PATCH ^{ROOF}	HAZARD BLACK EDGE PATCH
17	OFFICE	WHITE ZYL VET/MASTIC
18	OPTICAL	↓
19	SALES FLOOR	↓
20	RESTROOM	↓

CHAIN OF CUSTODY

GRAY 6X6 CFT/CARDOUT

RELINQUISHED BY: S. Menboza RECEIVED BY: [Signature] RECEIVED BY: _____
 DATE/TIME: 4/30/03 DATE/TIME: 5-1-3 DATE/TIME: _____

3

APPENDIX B

**Kleinfelder's "Lead Hazard Evaluation Report" Submittal To DHS
(Copy)**

LEAD HAZARD EVALUATION REPORT

Section 1—Date of Lead Hazard Evaluation 4/30/03

Section 2—Type of Lead Hazard Evaluation (Check one box only)

Lead inspection Risk assessment Clearance inspection Other (specify) _____

Section 3—Structure Where Lead Hazard Evaluation Was Conducted

Address [number, street, apartment (if applicable)] <u>2014 FOREST AVENUE</u>	City <u>CHICO</u>	County <u>BUTTE</u>	ZIP code <u>95928</u>
----------------------------------------------------------------------------------	----------------------	------------------------	--------------------------

Construction date (year) of structure <u>CIRCA 1990</u>	Type of structure (check one box only) <input type="checkbox"/> Single family dwelling <input type="checkbox"/> Multi-unit building <input type="checkbox"/> Child-occupied facility <input checked="" type="checkbox"/> Other (specify) <u>COMMERCIAL STRUCTURE</u>
------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Section 4—Owner of Structure (if business/agency, list contact person)

Name <u>PALLARD ATTN: RPT MIKE NEAR</u>	Telephone number <u>(360) 786-9500</u>
--------------------------------------------	-------------------------------------------

Address [number, street, apartment (if applicable)] <u>606 COLUMBIA STREET, SUITE 106</u>	City <u>OLYMPIA</u>	State <u>WA</u>	ZIP code <u>98501</u>
----------------------------------------------------------------------------------------------	------------------------	--------------------	--------------------------

Section 5—Results of Lead Hazard Evaluation (Check one box only)

No lead-based paint detected.
A lead inspection was conducted following the procedures outlined in Title 17, California Code of Regulations, Division 1, Chapter 8. No lead-based paint was detected during this lead inspection. This structure is found to be lead-based paint free.

No lead hazards detected.
Lead hazard evaluation was conducted following the procedures outlined in Title 17, California Code of Regulations, Division 1, Chapter 8. No lead hazards were detected.

Lead-based paint and/or lead hazards detected.
Lead hazard evaluation was conducted following the procedures outlined in Title 17, California Code of Regulations, Division 1, Chapter 8. Lead-based paint and/or lead hazards were detected.

Section 6—Individual Conducting Lead Hazard Evaluation

Name <u>SAC MENDOZA</u>	Telephone number <u>(916) 366-1701</u>
----------------------------	-------------------------------------------

Address [number, street, apartment (if applicable)] <u>3066 FITS CIRCLE</u>	City <u>SAC.</u>	State <u>CA</u>	ZIP code <u>95827</u>
--------------------------------------------------------------------------------	---------------------	--------------------	--------------------------

Brand name and serial number of any portable x-ray fluorescence (XRF) instrument used (if applicable)
LPA-1 SERIAL NO. 1695 (RMD, Inc.)

DHS certification number <u>9684</u>	Signature <u>Sac Mendoza</u>	Date <u>5/12/03</u>
-----------------------------------------	---------------------------------	------------------------

Section 7—Attachments

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
- B. Each testing method, device, and sampling procedure used;
- C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector Second copy and attachments retained by owner Third copy only (no attachments) mailed to:
 Department of Health Services
 Childhood Lead Poisoning Prevention Branch Reports
 1515 Clay Street, No. 1801
 Oakland, CA 94612
 FAX (510) 622-5002

APPENDIX C

APPLICATION FOR AUTHORIZATION TO USE FORM

**APPLICATION FOR AUTHORIZATION TO USE
LIMITED ASBESTOS BUILDING MATERIAL
AND LEAD-BASED PAINT SURVEY REPORT
PROPOSED WAL-MART STORE NO. 2044 EXPANSION AREA**

**2044 FOREST AVENUE
CHICO, CALIFORNIA**

File Number: 21148-002
Report Date: May 12, 2003

KLEINFELDER, INC.
3077 Fite Circle
Sacramento, California 95827
(916) 366-1701

To Whom It May Concern:

Applicant understands and agrees that the Limited Asbestos Building Material and Lead-Based Paint Survey report for the subject site is a copyrighted document, that Kleinfelder, Inc. is the copyright owner, and that unauthorized use or copying of the Limited Asbestos Building Material and Lead Based Paint Survey report for the site is strictly prohibited without the express written permission of Kleinfelder, Inc. Applicant understands that Kleinfelder, Inc. may withhold such permission at its sole discretion, or grant permission upon such terms and conditions, as it deems acceptable.

Applicant agrees to accept the contractual terms and conditions between Kleinfelder, Inc. and **PACLAND** originally negotiated for preparation of this Limited Asbestos Building Material and Lead Based Paint Survey. Use of this Limited Asbestos Building Material and Lead Based Paint Survey report without permission releases Kleinfelder, Inc. from any liability that may arise from use of this report.

To be Completed by Applicant

_____	By: _____
<i>(company name)</i>	<i>(Print Name)</i>
_____	_____
<i>(address)</i>	<i>(Signature)</i>
_____	Title: _____
<i>(city, state, zip)</i>	Date: _____
_____	_____
<i>(telephone)</i>	<i>(FAX)</i>

Approval of Original Client

By: _____	Date: _____
<i>(Print Name)</i>	

<i>(Signature)</i>	

For Kleinfelder, Inc.'s use only

_____ approved for re-use with additional fee of \$ _____

_____ approved for re-use with applicant's agreement to following conditions:
Applicant agrees to above terms and understands that findings discussed in report were based on available information and site conditions as noted at time of the Asbestos and Lead Based Paint Survey.

_____ disapproved, report needs to be updated

By: _____	Date: _____
<i>(Kleinfelder, Inc. Project Manager)</i>	



FRUIT GROWERS LABORATORY, INC.

ANALYTICAL CHEMISTS

December 31, 2007

Geo Plus
19690 Hirsch Court, #2
Anderson, CA 96007

RECEIVED

JAN 07 2008

GEOPlus, Inc.

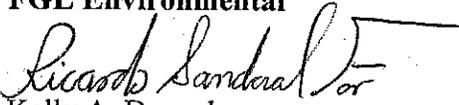
Chlorinated Herbicides EPA 8151A Analysis - FGL Lab No. CH 777205

Enclosed is the report for your sample received December 10, 2007.

Please note that the analyses were performed by E. S. Babcock & Sons, Inc.

Thank you for using FGL Environmental.

Sincerely,
FGL Environmental


Kelly A. Dunnahoo
Laboratory Director

KAD:nmc

Enclosure



E.S.BABCOCK & Sons, Inc.

Environmental Laboratories *est 1906*

Client Name: FGL Environmental, Inc.
Contact: Shawn Peck
Address: P.O. Box 272
Santa Paula, CA 93060

Analytical Report: Page 1 of 5
Project Name: No Project
Project Number: 777205 (7-9250)

Work Order Number: A7L0956

Report Date: 26-Dec-2007

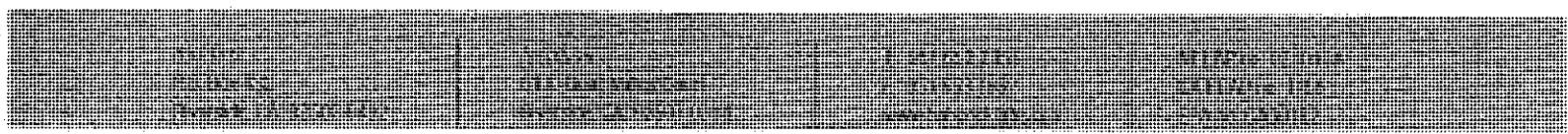
Received on Ice (Y/N): Yes Temp: 11 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
A7L0956-01	777205 (7-9250) 1 Job #1235/Comp Of G1-G5	Solid	12/07/07 13:00	Corky Metcalf	12/11/07 09:10	Courier (CAVON)





E.S.BABCOCK&Sons,Inc.

Environmental Laboratories est 1906

Client Name: FGL Environmental, Inc.
Contact: Shawn Peck
Address: P.O. Box 272
Santa Paula, CA 93060

Analytical Report: Page 2 of 5
Project Name: No Project
Project Number: 777205 (7-9250)

Report Date: 26-Dec-2007

Work Order Number: A7L0956

Received on Ice (Y/N): Yes Temp: 11 °C

Laboratory Reference Number

A7L0956-01

Sample Description: 777205 (7-9250) 1 Job #1235/Comp Of G1-G5
Matrix: Solid
Sampled Date/Time: 12/07/07 13:00
Received Date/Time: 12/11/07 9:10

Table with 8 columns: Analyte(s), Result, RDL, Units, Method, Analysis Date, Analyst, Flag. Rows include Chlorinated Herbicides by EPA 8151A, 2,4,5-T, 2,4-D, 2,4,5-TP Silvex, 2,4-DB, Dalapon, Dicamba, Dichlorprop, Dinoseb, and Surrogate: DCAA.



E.S.BABCOCK&Sons,Inc.

Environmental Laboratories est. 1906

Client Name: FGL Environmental, Inc.
Contact: Shawn Peck
Address: P.O. Box 272
Santa Paula, CA 93060

Analytical Report: Page 3 of 5
Project Name: No Project
Project Number: 777205 (7-9250)

Work Order Number: A7L0956

Report Date: 26-Dec-2007

Received on Ice (Y/N): Yes Temp: 11 °C

Chlorinated Herbicides by EPA 8151A - Batch Quality Control

Table with columns: Analyte(s), Result, RDL, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Flag. Includes sections for Batch 7L18006 - EPA 3550B, Blank (7L18006-BLK1), LCS (7L18006-BS1), and LCS Dup (7L18006-BSD1).



E.S.BABCOCK & Sons, Inc.

Environmental Laboratories *est. 1906*

Client Name: FGL Environmental, Inc.
Contact: Shawn Peck
Address: P.O. Box 272
Santa Paula, CA 93060

Analytical Report: Page 4 of 5
Project Name: No Project
Project Number: 777205 (7-9250)

Report Date: 26-Dec-2007

Work Order Number: A7L0956

Received on Ice (Y/N): Yes Temp: 11 °C

Chlorinated Herbicides by EPA 8151A - Batch Quality Control

Analyte(s)	Result	RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 7L18006 - EPA 3550B										
Matrix Spike (7L18006-MS1)										
Source: A7L0956-01 Prepared: 12/18/07 Analyzed: 12/20/07										
2,4,5-T	404	100	ug/kg	500	ND	80.7	24-110			
2,4-D	396	100	ug/kg	500	ND	79.2	10-125			
2,4,5-TP Silvex	387	100	ug/kg	500	ND	77.4	22-115			
2,4-DB	145	400	ug/kg	500	ND	29.0	10-110			
Datapon	434	200	ug/kg	500	ND	86.7	28-133			
Dicamba	408	50	ug/kg	500	ND	81.6	24-122			
Dichlorprop	407	400	ug/kg	500	ND	81.3	26-118			
Dinoseb	385	100	ug/kg	500	ND	76.9	40-113			
Surrogate: DCAA	3030		ug/kg	5000		60.7	10-117			
Matrix Spike Dup (7L18006-MSD1)										
Source: A7L0956-01 Prepared: 12/18/07 Analyzed: 12/20/07										
2,4,5-T	422	100	ug/kg	500	ND	84.3	24-110	4.40	48	
2,4-D	430	100	ug/kg	500	ND	86.1	10-125	8.35	37	
2,4,5-TP Silvex	432	100	ug/kg	500	ND	86.4	22-115	11.0	54	
2,4-DB	132	400	ug/kg	500	ND	26.5	10-110	8.94	56	
Dalapon	449	200	ug/kg	500	ND	89.8	28-133	3.48	53	
Dicamba	442	50	ug/kg	500	ND	88.3	24-122	7.85	41	
Dichlorprop	454	400	ug/kg	500	ND	90.8	26-118	11.1	38	
Dinoseb	426	100	ug/kg	500	ND	85.2	40-113	10.2	22	
Surrogate: DCAA	3550		ug/kg	5000		70.9	10-117			



E.S.BABCOCK&Sons,Inc.

Environmental Laboratories est. 1906

Client Name: FGL Environmental, Inc.
Contact: Shawn Peck
Address: P.O. Box 272
Santa Paula, CA 93060

Analytical Report: Page 5 of 5
Project Name: No Project
Project Number: 777205 (7-9250)

Work Order Number: A7L0956

Report Date: 26-Dec-2007

Received on Ice (Y/N): Yes Temp: 11 °C

Notes and Definitions

- QLrpd The LCS recovery and LCS/LCSD RPD met laboratory acceptance criteria. LCSD recovery was not within range.
- ND: Analyte NOT DETECTED at or above the Method Detection Limit (if MDL is reported), otherwise at or above the Reportable Detection Limit (RDL)
- NR: Not Reported
- RDL: Reportable Detection Limit
- MDL: Method Detection Limit

* / (Non-NELAP): NELAP does not offer accreditation for this analyte/method/matrix combination

Approval

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted. Babcock Laboratories and its officers and employees assume no responsibility and make no warranty, express or implied, for uses or interpretations made by any recipients, intended or unintended, of this report.

Humaira Saleem

- Project Manager
- Allison Mackenzie General Manager
- Lawrence J. Chrystal Laboratory Director

cc:

ESB_Standard_5.5 Report



FRUIT GROWERS LABORATORY, INC.

ANALYTICAL CHEMISTS

December 20, 2007

Geo Plus

19690 Hirsch Court, #2
Anderson, CA 96007

Lab ID : CH 0777205-001

Customer ID : 7-9250

Sampled On : December 7, 2007-:

Sampled By : Corky Metcalf

Received On : December 7, 2007-13:29

Matrix : Soil

Description : GC-1 (G1-G5)

Project : Job #1235

Sample Results - Ag

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Physical Char. ^{BPa}								
% Sand	25.6	0.5	%		CSSS47.3	12/11/07:211952	CSSS47.3	12/14/07:212867
% Silt	25.4	0.5	%		CSSS47.3	12/11/07:211952	CSSS47.3	12/14/07:212867
% Clay	49.0	0.5	%		CSSS47.3	12/11/07:211952	CSSS47.3	12/14/07:212867

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (BPa) Bag - Paper Preservatives: N/A

FRUIT GROWERS LABORATORY, INC.

Chad E. Lessard, Soil Scientist

CEL:EHB

CH 0777205

Corporate Offices & Laboratory
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Visalia, California
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FAX: (559) 734-8435
Mobile: (559) 737-2399



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ANALYTICAL CHEMISTS

December 20, 2007

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19690 Hirsch Court, #2
Anderson, CA 96007

Lab ID : CH 0777205-001

Customer ID : 7-9250

Sampled On : December 7, 2007-:

Sampled By : Corky Metcalf

Received On : December 7, 2007-13:29

Matrix : Soil

Description : GC-1 (G1-G5)

Project : Job #1235

Sample Results - Ag

Constituent	Result	PQL	Units	Note	Sample Preparation		Sample Analysis	
					Method	Date/ID	Method	Date/ID
Soil ^{BPa}								
Saturation	69.0	0.1	%		UCS:2.0	12/12/07:211975	SA1:7-2	12/12/07:212751
pH	6.12	--	units		UCS:2.0	12/12/07:211975	SA2:12.2	12/13/07:212776
Soil Salinity (ec)	0.52	0.01	mmhos/cm		UCS:2.0	12/12/07:211975	WS 51.20	12/13/07:212795
SAR	0.3	0.1	meq/L		UCS:2.0	12/12/07:211975	6010-Ag	12/14/07:212881
Limestone	< 0.1	0.1	%		USDAH23A	12/12/07:211974	USDAH23A	12/18/07:212966
Calcium, Soluble	2.8	0.1	meq/l	45.9%	UCS:2.0	12/12/07:211975	6010-Ag	12/14/07:212881
Magnesium, Soluble	2.7	0.16	meq/l	44.3%	UCS:2.0	12/12/07:211975	6010-Ag	12/14/07:212881
Sodium, Soluble	0.50	0.087	meq/l	8.2%	UCS:2.0	12/12/07:211975	6010-Ag	12/14/07:212881
Potassium, Soluble	0.10	0.026	meq/L	1.6%	UCS:2.0	12/12/07:211975	6010-Ag	12/14/07:212881
Chloride	0.86	0.01	meq/l		UCS:2.0	12/12/07:211975	WS 51.40	12/13/07:212799
Sulfate	0.4	0.1	meq/l		UCS:2.0	12/12/07:211975	6010-Ag	12/14/07:212881
Nitrate Nitrogen	1.7	0.9	ppm		SA2:9-3	12/12/07:211977	4500NO3F	12/14/07:212865
Phosphorus	9	2	ppm		USC:12.0	12/12/07:211976	UCS:12.1	12/18/07:212952
Boron	0.03	0.02	ppm		UCS:2.0	12/12/07:211975	6010-Ag	12/14/07:212881
Zinc	1.4	0.1	ppm		SA2:19-3	12/12/07:211978	6010-Ag	12/13/07:212836
Manganese	38.9	0.1	ppm		SA2:19-3	12/12/07:211978	6010-Ag	12/13/07:212836
Iron	46.4	0.2	ppm		SA2:19-3	12/12/07:211978	6010-Ag	12/13/07:212836
Copper	2.6	0.1	ppm		SA2:19-3	12/12/07:211978	6010-Ag	12/13/07:212836
CEC	34.3	0.01	meq/100g		UCS:2.0	12/12/07:211975	SA2:12.2	12/13/07:212776
Exchangeable Calcium	18.1	0.1	meq/100g		SA2:9-3	12/12/07:211977	6010-Ag	12/13/07:212816
Exchangeable Magnesium	15.6	0.16	meq/100g		SA2:9-3	12/12/07:211977	6010-Ag	12/13/07:212816
Exchangeable Potassium	0.47	0.026	meq/100g		SA2:9-3	12/12/07:211977	6010-Ag	12/13/07:212816
Exchangeable Sodium	0.16	0.087	meq/100g		SA2:9-3	12/12/07:211977	6010-Ag	12/13/07:212816
Exchangeable Hydrogen	ND	0.01	meq/100g		UCS:2.0	12/12/07:211975	SA2:12.2	12/13/07:212776
% Organic Matter	3.01	0.01	%		993.13	12/17/07:212158	993.13	12/18/07:212964

ND=Non-Detected. PQL=Practical Quantitation Limit. Containers: (BPa) Bag - Paper Preservatives: N/A

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Chico District

2005 Water Quality Report for Chico

At California Water Service Company, we are committed to providing you with high-quality water. We are pleased to supply this annual water quality report, which includes information about where your water comes from, what it contains, and how it compares to state and federal standards. It also explains the steps we take to protect your water supply. **MOST IMPORTANTLY, IT CONFIRMS THAT YOUR WATER MET OR SURPASSED ALL WATER QUALITY STANDARDS DURING THIS REPORTING PERIOD.**

We care about what you think. If you have any suggestions or concerns, please call us. Also, please watch for bill inserts, where you will find announcements of any water-related public meetings or workshops as well as important information about your water.

About Your Water Supply

California Water Service Company (Cal Water) has provided high-quality water utility services in the Chico area since 1926. To meet the needs of our customers in Chico, we utilize 69 wells to pump an average of 27 million gallons of groundwater per day, which are delivered through 340 miles of pipeline, 7 storage tanks, and 4 booster pumps. Our company-wide water quality assurance program includes vigilant monitoring throughout our systems and testing at our state-of-the-art laboratory.

If you have any questions, please contact Mark Lightcap, District Manager, at (530) 893-6300.



2222 Whimian Avenue
Chico, CA 95928
(530) 893-6300
www.calwater.com

Year Range	Reporting Units	MCL (SMCL)	PHG (MCLG)	Violation	Result Range	Average	Source of Substance
2003 - 2005	ppb	50	0.004	No	ND - 2	0.3	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes
2003 - 2005	ppm	2	1	No	ND - 0.4	0.04	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories
2004 - 2005	ppm	45	45	No	ND - 38.4	10.5	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
2003 - 2005	ppb	6	(70)	No	ND - 2.7	0.06	Discharge from industrial chemical factories; major biodegradation byproduct of TCE and PCE; groundwater contamination
2003 - 2005	ppb	5	0.06	No	ND - 2.3	0.1	Discharge from factories, dry cleaners, and auto shops (metal degreaser)
2003 - 2005	ppb	5	0.8	No	ND - 1.8	0.02	Discharge from metal degreasing sites and other factories
2005	ppm	MRDL	PHG (MCLG)	Violation	Result Range	Average	Source of Substance
2005	ppm	4	-4	No	ND - 1.62	0.85	Drinking water disinfectant added for treatment
2004	ppm	ALL	PHG (MCLG)	Violation	Level Detected (9th Percentile)	# Samples Exceeding AL	Source of Substance
2004	ppm	1.3	0.17	No	0.25	0 of 35	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
2004	ppm	0.015	0.002	No	ND	0 of 35	Internal corrosion of household plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
2003 - 2005	ppm	n/a	n/a	Violation	Result Range	Average	Source of Substance
2003 - 2005	ppm	n/a	n/a	No	96-219	130	Erosion of natural deposits
2003 - 2005	ppm	(500)	n/a	No	17 - 55	26	Erosion of natural deposits
2003 - 2005	ppm	(15)	n/a	No	1 - 38	8	Runoff/leaching from natural deposits; seawater influence
2003 - 2005	ppm	n/a	n/a	No	ND - 20	1	Naturally occurring organic materials
2003 - 2005	ppm	(300)	n/a	No	84 - 285	126	Erosion of natural deposits
2003 - 2005	ppm	n/a	n/a	No	ND - 110	4	Leaching from natural deposits; industrial wastes
2003 - 2005	ppm	(3)	n/a	No	8 - 34	15	Erosion of natural deposits
2003 - 2005	ppm	n/a	n/a	No	ND - 1	0.2	Naturally occurring organic materials
2003 - 2005	ppm	n/a	n/a	No	7 - 8.2	7.7	Inherent characteristic of water
2003 - 2005	ppm	n/a	n/a	No	ND - 4.5	1.1	Erosion of natural deposits
2003 - 2005	umhos/cm	(1600)	n/a	No	9 - 36	14	Erosion of natural deposits; seawater influence
2003 - 2005	ppm	(500)	n/a	No	206 - 576	287	Substances that form natural deposits; seawater influence
2003 - 2005	NTU	(5)	n/a	No	ND - 23	5	Leaching from natural deposits; industrial wastes
2004 - 2005	ppb	NL=50	n/a	No	ND - 10.3	0.3	Soil runoff
2003 - 2005	ppm	(5)	n/a	No	ND - 0.3	0.01	Erosion of natural deposits; manufacturing of alloys and steel
2003 - 2005	ppm	(5)	n/a	No	ND - 0.3	0.01	Leaching from natural deposits; industrial wastes

¹ Nitrate in drinking water at levels above 45 mg/L is a health risk for infants of less than six months of age. Such nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen and result in a serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels above 45 mg/L may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women and those with certain specific enzyme deficiencies. If you are caring for an infant or you are pregnant, you should ask advice from your health care provider.

² Turbidity is a measure of the cloudiness of the water. We monitor it because it is a good indicator of water quality. High turbidity can hinder the effectiveness of disinfectants.

umhos/cm = measure of specific conductance
ppb = parts per billion (micrograms per liter)
ppm = parts per million (milligrams per liter)
NTU = nephelometric turbidity unit
ppb = parts per billion (micrograms per liter)
SMCL = secondary maximum contaminant level
ND = none detected
n/a = not applicable

General Information About Water

The sources of drinking water (both tap and bottled) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or human activity. Contaminants that may be present in source water include:

MICROBIAL CONTAMINANTS, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

INORGANIC CONTAMINANTS, such as salts and metals, that can be naturally occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.

PESTICIDES and HERBICIDES, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.

ORGANIC CHEMICAL CONTAMINANTS, including synthetic and volatile organic chemicals, that are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.

RADIOACTIVE CONTAMINANTS, which can be naturally occurring or be the result of oil and gas production and mining activities.

Water Hardness

Water is considered soft if total hardness is less than 75 ppm; moderately hard at 75 to 150 ppm; hard at 150 to 300 ppm; and very hard at 300 ppm or higher. To determine total hardness of your water in grains per gallon, simply divide amount given in parts per million by 17.1.

Cal Water is coordinating with state and federal agencies to enhance the security of our water supplies. Please report any suspicious activities near water facilities to us immediately.

Drinking Water Source Assessment and Protection Program (DWSAPP)

By the end of 2002, Cal Water had submitted to the California Department of Health Services a DWSAPP report for each water source in the water system. The DWSAPP report identifies possible sources of contamination to aid prioritizing cleanup and pollution prevention efforts. All reports are available for viewing or copying at our Customer Center.

The water sources in the Cbico District are considered most vulnerable to the following activities associated with contaminants detected in the water supply: sewer collection systems, septic systems, parks, RV parks, agricultural drainage, fertilizer and pesticide application, automobile body and repair shops, utility stations (maintenance areas), railroad yards (maintenance/fueling areas), electrical/electronic manufacturing, chemical/petroleum processing/storage, machine shops, grazing, lumber processing/manufacturing, wood preserving/treating, fleet/truck/bus terminals, known contaminant plumes, and drinking water treatment plants.

The water sources are considered most vulnerable to the following activities, for which no associated contaminant has been detected: gas stations, metal plating (finishing/fabricating), junk/scrap/salvage yards, furniture repair/manufacturing, dry cleaners, home manufacturing, dredging, high-density housing, storm drain discharge, freeways, railroads, road right-of-ways, chemical/petroleum processing/storage, fleet/truck/bus terminals, machine shops, photo processing/printing, above ground storage tanks, wells (water supply, agricultural), automobile body and repair shops, parks, grazing, sewer collection systems, lumber processing/manufacturing, wood/pulp/paper processing and mills, boat services/repair/refinishing, airports (maintenance/fueling areas), irrigated crops, hospitals, farm machinery repair, historic waste dumps/landfills, and food processing.

How to Read the Table

We test your water for more than 100 contaminants for which state and federal health advisories have been set. THIS TABLE LISTS ONLY THOSE THAT WERE DETECTED. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses health risks. More information about contaminants and potential health effects can be found in the U.S. Environmental Protection Agency's (USEPA) Safe Drinking Water Hotline at (800) 426-7071. The water quality test results shown in this table are divided into two main sections: those related to "primary standards" and those related to "secondary standards." Primary standards protect public health by limiting the level of contaminants in drinking water. Secondary standards are limits for substances that could affect the water's taste, odor, and appearance.

Definitions of terms and abbreviations used in the table

Public Health Goal (PHG): The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency.

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as are economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a disinfectant added for water treatment below which there is no known or expected risk to health. MRDLGs are set by the U.S. Environmental Protection Agency.

Maximum Residual Disinfectant Level (MRDL): The level of a disinfectant added for water treatment that may not be exceeded at the consumer's tap.

Notification Level (NL): A health-based advisory level for an unregulated contaminant in drinking water. It is used by DHS to provide guidance to drinking water systems.

Primary Drinking Water Standard or PDWS: MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

Regulatory Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

Este informe contiene informacion muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien.

Appendix I-1

STATEMENT OF QUALIFICATION AND EXPERIENCE

Mr. Traver E. Metcalf, Jr., PE, GE, and Mr. William R. Bergmann, PG, CHG of GEOPlus' Anderson, California Office have provided environmental services to Federal, State, County, and local agencies as well as for private development in northern California since 1993.

Mr. Metcalf has over 13-years experience in scoping, reviewing, coordinating, and performing Phase I environmental site assessments in the northern Sacramento Valley area. Mr. Metcalf is a registered Professional Engineer in Colorado (19283, 1982), Civil Engineer in California (#43560, 1990), and Geotechnical Engineer in California (#2363, 1997).

Mr. Bergmann has over 20 years experience in managing and performing environmental site assessments in northern California, including Phase I environmental site assessments, Phase II assessments, and site remediation. Mr. Bergmann is a Professional Geologist (California #6083, 1995), and Certified Hydrogeologist (California #338, 1995) in California. Mr. Bergmann is an Environmental Professional as defined by Appendix X2 of ASTM E1527-05.

**Appendix I-2
Wal-Mart Phase I Summary
Wal-Mart Store # 2044-03 (Expansion)
2044 Forest Avenue, Chico, California
February 26, 2008**

Phase I Requirement	ASTM E1527-05 Reference	Wal-Mart Protocol Reference	Completed (yes/no)	Text and Appendix Reference (page number and/or appendix)	Variance from ASTM Standard or Wal-Mart Protocol
ASTM Standard Environmental Records Review	8.2.1	II.D.1.0	Yes	Section 5.1	na
ASTM Standard Additional Environmental Records Review	8.2.2	II.D.1.0	Yes	Section 5.2	na
Physical Setting Records Review	8.2.3	II.D.1.0	Yes	Sections 3.1 through 3.6	na
Historical Records Review	8.3	II.D.1.0	Yes	Sections 4.1 through 4.4	na
Site Reconnaissance	9.0	II.D.2.0	Yes	Section 6	na
Interviews with Past and Present Owners, Operators, and Occupants	10.0	II.D.3.0	Yes	Section 4.5.1	na
Interviews with State and Local Officials	11.0	II.D.3.0	Yes	Section 4.5.2	na
Data Gaps and Data Failure	8.3.2.3 and 12.7	II.D.5.0	Yes	Section 7.12	na
Business Environmental Risks	13.0	II.D.7.0	Yes	Section 7.9 & 7.10	na
Summary of Findings	12.5	na	Yes	Section 1	na
Conclusions	12.8	na	Yes	Section 7.13	na
Statement with Compliance of Wal-Mart Report Requirements	na	II.E.1.0	Yes	Section 2.6	na
Statement of Certification and Reliance	na	II.E.2.0	Yes	Section 2.4	na
Environmental Professional Statement	12.13	na	Yes	Section 2.5	na
Description of Phase I Scope of Services	12.4	II.E.3.0	Yes	Section 2	na
Description of Approved Deviations of Phase I from Wal-Mart Protocol.	12.1	II.E.3.0	Yes	Section 2.7	na
List of Additional Services	12.9	II.E.3.0	Yes	Sections 7.9 & 7.10	na
Issuance Date	4.6	II.E.5.0	Yes	Cover Page and Section 1	na
Viability Date	4.6	II.E.6.0	Yes	Cover Page and Section 1	na
Site Plan Showing Current and Proposed Conditions	na	na	Yes	Plate 2 & Appendix A	na
Environmental Professional's Statement of Qualifications	12.14	na	Yes	Appendix I-1 (precedes this page)	na

na – not applicable

Environmental professional's signature and date.



Date: 2/1/08