

Appendix N

Initial Site Assessment—Draft, SR 32 Widening



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November 15, 2005

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Attention: Matt Brogan

Subject: Initial Site Assessment - Draft
SR 32 Widening
East of Fir Street to East of Yosemite Drive
Chico, California

1P2/304/30-2

Transmitted herewith is our Initial Site Assessment (ISA) report performed for the above project in accordance with our agreement.

No direct evidence of hazardous substances or petroleum products on the study site or immediately adjacent properties under conditions that could significantly affect the feasibility or cost of the proposed project was obtained during the course of our study. However, information obtained during our study identifies a number of conditions that indicate a potential for contamination that might affect the project and additional study is recommended. Although the existence and extent of hazardous substances related to these conditions, if any, will need to be established, it is expected that such conditions can be mitigated by typical engineering practice.

Please call if you have any questions on this report or conditions at the site. We have appreciated this opportunity to be of service.

Very truly yours,
TABER CONSULTANTS

Thomas E. Ballard
Senior Geologist
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Distribution: Client (4)

INITIAL SITE ASSESSMENT - DRAFT
SR 32 Widening
East of Fir Street to East of Yosemite Drive
Chico, California

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INITIAL SITE ASSESSMENT - DRAFT

SR 32 Widening
East of Fir Street to East of Yosemite Drive
Chico, California

1.0 INTRODUCTION

1.1 Study Purpose

The following report summarizes a limited Environmental Initial Site Assessment (ISA) performed by this office for the above project in accordance with the request of Mark Thomas & Company, Inc. (MT&Co.). The purpose of this study is to identify, based on readily available information and direct observation, the presence or likely presence of hazardous substances or petroleum products on the ISA study site under conditions that could significantly affect the feasibility or cost of the proposed project.

This study is intended for use in meeting the Caltrans requirements for preparation of the Project Report and Environmental Document. Additional limitations of this assessment are discussed in the "Limitations" section of this report and in the attached "General Conditions."

1.2 Study Scope

This ISA study included the following tasks:

- Search of federal, state and local regulatory agency databases for records of known or potential hazardous waste storage or release sites on or near the study site. Search distances varied for different databases, with a minimum search distance of ¼-mile from the study site.
- Telephone interviews with representatives of the California Regional Water Quality Control Board – Redding office.
- Review of reasonably available literature regarding regional or local physical setting, including topography, geology and hydrogeology.
- Identification of obvious past uses of the site and adjoining properties, including review of reasonably available reports, historical maps, and aerial photography.

- Reconnaissance of the study site, including a driving and local walking traverse along SR 32 to make visual observations for evidence of current land uses, past uses, and potential areas of concern.
- Preparation of this report presenting findings and professional opinions.

A list of databases reviewed is included in Appendix A. Documents provided by MT&Co. for our use in preparing this report include: 1) a 1"=100' scale, undated preliminary plans (provided electronically) showing site topography and proposed construction limits; 2) copies of assessors parcel maps for properties adjoining the project alignment. A list of references used in preparing this report is attached.

Taber Consultants also performed a preliminary geotechnical study for the project, which is reported separately.

2.0 PROJECT DESCRIPTION

The project being considered consists of widening about 2-miles of SR 32 from 2-lanes to 4-lanes. The project begins near the end of existing 4-lane roadway a short distance east of SR 99 and ends about 1000-ft east of Yosemite Drive, about 4500-ft east of Bruce Road. The approximate extent of the project is shown on attached "Vicinity Map."

The majority of the widening is expected to be on the north side of existing roadway. A relatively minor part of widening (8-10±ft) will occur on the south side of the roadway east of Bruce Road. Widened roadway grade is expected to match existing, mostly in fills 2-6±ft above original ground surface with some local cuts less than 5±ft high.

Existing SR 32 bridge on Dead Horse Slough Diversion Channel (Bridge No. 12-0135) is expected to remain in service and the roadway widening to be accommodated on a parallel bridge structure. A concrete box culvert on South Fork Dead Horse Slough (located just east of Bruce Road) is expected to require modification and extension as part of this project.

No other roadway structures have been identified at this time. Such structures might include sound walls, retaining walls and/or sign or signal supports. One possible location for sound walls is between the west end of the project and El Monte Avenue.

For the purposes of this assessment, the project "site" is defined as the area within the limits of the proposed right-of-way for the roadway sections described above and as indicated on the 1"=100' preliminary plan provided by MT&Co.

3.0 PHYSICAL SETTING AND SITE HISTORY

3.1 Topographic Setting

United States Geological Survey topographic maps of the "Chico" 7½-minute quadrangle (1948 photorevised 1978) indicate the site elevations increasing slowly to the east. Elevations along the project alignment vary from about 225 feet on the west end to 275 feet on the east end. The bypass channel crossing under SR32 is not shown on the topographic maps and contours on the topographic maps are not adequate to determine depth of the channel between Dead Horse Slough and Little Chico Creek.

3.2 Geologic Setting

The project is located on the eastern side of the Great Valley geomorphic province of California. The west end of the project is located approximately seven miles from the Sacramento River and the east end of the project is located in the margin of the Sierra Nevada foothills.

Geologic mapping of the area (USGS Map No. I-1238, 1981) shows three geologic units exposed within the project area: Pleistocene-age alluvium of the Modesto and Red Bluff formations mostly west of Bruce Road and Pliocene-age Tuscan formation east of Bruce Road. Although they are mapped as distinct stratigraphic formations, the Red Bluff formation is reportedly of limited thickness (less than 6± feet) and it is reasonable, for the purposes of this report, to consider the Modesto and Red Bluff formations as a single engineering unit with a generalized description of gravel, sand, silt and clay derived from erosion of the Tuscan formation.

The Red Bluff formation is in unconformable contact (i.e. surface of erosion and subsequent deposition) with the underlying Tuscan formation. The Tuscan formation is predominantly described as lahar (volcanic mudflow) deposits composed of angular to sub-rounded volcanic fragments as much as 10-feet in diameter in a matrix of gray-tan volcanic mudstone. Maximum thickness of the formation is reported to be as much as 500± feet.

No faults or other geologic hazards such as landslides, springs or significant depth/areas of recent alluvium are indicated on published mapping.

The site is not within an "Alquist-Priolo Earthquake Fault Zone" for fault-rupture hazard and no faults are shown passing through the project site on published mapping. The Chico Monocline Fault, a Quaternary fault (i.e. showing evidence of displacement during the past 1.6 million years) located about two miles to the northeast, is the fault mapped closest to the site (Jennings, 1994). The closest mapped fault considered capable of generating an earthquake during the life of the project is the Payne's Peak fault, located approximately 24 miles to the south-southeast (Jennings, 1994).

3.3 Groundwater

California Department of Water Resources (DWR) groundwater well database information indicates that the general water table fluctuates seasonally at depths of approximately 105 to 125 feet below ground surface beneath the project area.

Geotechnical investigations, conducted mainly for bridge foundations/footings construction projects, indicate that perched groundwater is encountered at a depth of approximately ten feet below ground surface for most of the study area.

The above data suggests that continuous groundwater is at depths of greater than 100 feet but that perched water bearing zones may occur locally in shallower granular materials. Topography in the vicinity of the site suggests that groundwater flow may be generally toward the west-southwest. It should be recognized that actual groundwater flow direction might be significantly different than that suggested by the topography and that pumping in agricultural, municipal or domestic wells and other factors can alter local groundwater flow directions.

3.4 Site and Surrounding Property History

The 1948 1:24,000 scale USGS "Chico Quadrangle" topographic map shows Forest Avenue and El Monte Avenue, which cross existing SR32, but SR32 is not shown. Bridge plans show a construction date of 1957 which should coincide with SR32 construction.

The area of the proposed project site and surrounding area are sparsely developed. A building is shown near the location that will be the northwest corner of SR32 and Forest Avenue, but no other structures are shown on or in close proximity to the alignment of future SR32. Occasional structures are shown along Forest and El Monte Avenues north of Dead Horse Slough, and along Humboldt Road, south of the project site. Several areas of Orchard are shown extending from Humboldt Road to or near Dead Horse Slough, crossing the area of future SR32.

The 1958 1:250,000-scale USGS Topographic Map shows SR32 approximately as existing. No other significant changes from the 1948 map are indicated.

The 1948 (photorevised 1969) USGS "Chico Quadrangle" topographic map shows SR32 approximately as existing. One new building is shown on the north side of SR32 east of El Monte Avenue and one new building is shown on the north side of SR32 west of El Monte Avenue. A number of new buildings are shown on the south side of SR32 between Forest and El Monte Avenues. Otherwise, the area of the proposed project site and surrounding area are sparsely developed. No orchards are shown along SR32 in this map revision.

The 1948 (photorevised 1969 and edited 1978) USGS "Chico Quadrangle" topographic map shows SR32 approximately as existing. The two reservoirs located east of Bruce Road and north of SR32 are shown on this map version. Two residences located east of SR99 have been removed. Otherwise, there are no material changes from the 1969 map revision.

The 1979 California AAA Road Map "Chico and Vicinity" shows SR32, Fir, Humboldt, Vista Verde, Modoc, Greg Court, Merla Court, Forest, Stansbury Court, El Monte, Sierra Sunrise Terrace, Sierra Ladera and Yosemite approximately as existing. This map also shows Dead Horse Slough.

A review of aerial photographs from the USGS, USDA and private collections indicate that, over the past 50+ years, increased development has occurred at the western end of the project alignment and adjacent properties, with more recent residential development in the area north of SR32 and east of Bruce Road with the construction of the reservoirs in that area in the late 1970's.

Prior to 1952 and until the mid-1970's, a number of orchards existed along the present SR32 alignment between Forest and El Monte Avenues. These orchards were all gone by the late 1970's. The aerial photographs also show the Humboldt Burn Dump, located north of Humboldt Road and bisected by the present Bruce Road, was active prior to 1952. The eastern portion of the project alignment is shown to be sparsely developed throughout the entire period covered by the aerial photographs.

4.0 DATABASE SEARCH

As part of the effort to identify sites with known releases of hazardous materials or petroleum products likely to affect the project corridor, and sites with potential for such releases, databases and site lists maintained by environmental regulatory agencies were searched for listed properties within close proximity to the site. Each database was searched for listed sites within at least ½-mile of the site. The following databases and site lists were searched:

4.1 Federal Sources:

- NPL – National Priority List "Federal Superfund"
- CERCLIS – Comprehensive Environmental Response, Compensation, and Liability Information System
- NFRAP – CERCLIS sites designated "No Further Remedial Action Planned"
- FEDFAC – Federal Facilities with known or suspected environmental problems
- ERNS – Emergency Response Notification System
- SETS – Site Enforcement Tracking System
- DO – Enforcement Docket System (DOCKET) / Consent Decree Tracking System (CDETS)
- CD – Criminal Docket System
- RCRA – RCRA Violators List (also known as CORRACTS)

4.2 California State Sources:

- AW – Annual Work Plan
- CALS – CALSITES - formerly known as the Abandoned Sites Program Information System (ASPIS)
- CALS – Calsites No further Action: sites classified as "No Further Action" by Department of Toxic substances Control

- CORTESE – State of California Office of Planning and Research hazardous waste and substances sites list
- LUST – Leaking Underground Storage Tank Information System
- SWIS – Solid Waste Information System
- WIP – Well Investigation Program
- WQ – Drinking Water Program

4.3 Regional Sources:

- NT - Spills, Leaks, Investigations, and Cleanups
- TPC – Toxic Pits Cleanup Act
- SWAT(R) – Solid Waste Assessment Test - Regional

4.4 Operating Permits:

- RCRA-G – Resource Conservation and Recovery Information System – Generators
- RCRA-D – Resource Conservation and Recovery Information System – Treatment, Storage & Disposal Facilities
- SARA – Superfund Amendments and Reauthorization Act Toxic Release Information System, also known as Toxic Release Information System (TRIS)
- NC – Nuclear Regulatory Commission Licensees
- PCB – PCB Waste Handlers Database
- PCS – Permit Compliance System
- AFS – AIRS Facility System
- PE – Section Seven Tracking System (SSTS)
- FIFRA – FIFRA/TSCA Tracking System / National Compliance Database
- FFIS – Federal Facilities Information System
- CICIS – Chemicals in Commerce Information System
- FINDS – EPA Facility Index System
- HWIS – Hazardous Waste Information System
- UST – Permitted Underground Storage Tank

Search of the above sources was performed by BBL Environmental Information Consultants. A copy of their report, including a more detailed description of each database searched, information retrieved, and a map of identified sites is attached as

Appendix A. BBL also searched records for oil and gas wells, and found none on or in close proximity to the "site".

The database search returned 75 records for 61 locations including some not mapped due to non-specific locations. Some sites had records returned from more than one database and some sites are listed more than once under different names, which gives a total listing of 50 identified environmental sites.

Ten of the sites are identified as municipal water supply wells; fifteen sites are unmapped due to lack of specific location information; and, twelve sites are listed as operating permit-only sites, indicating a lack of known environmental issues. The database then lists a total of 13 sites with current or former environmental issues within the database search distance.

Review of the list of fifteen unmapped sites, also known as "orphan" sites, indicated that four of these sites are associated with identified locations, leaving a total of eleven "orphan" sites that are not identified by a specific location.

Following is a list of all sites reported by Federal, State, and Regional Source databases and sites comprising part of the study area reported by Operating Permit databases. The sites are identified by address where available. This list includes information from the reported records, and perceived likelihood that site could be a source of contaminants that could significantly affect the proposed project.

The potential for an existing condition to affect the project depends, in part, upon the proposed construction that could encounter the condition. It is expected that construction of the proposed project could include relatively deep excavations (drilled piers or pre-drilling for piles) for bridge foundation elements. Otherwise, excavations below the existing surface are expected to be limited to the upper 2± feet for construction of fills and pavement sections. Near surface (upper 10± feet) soils in the area of the site are indicated to be generally of mixed clay and cobbles, and horizontal migration of contamination above groundwater level is likely to be minimal.

Contaminated soil that might be encountered is therefore expected to be limited to soil at and immediately adjacent to the contaminant source and soil at or below the depth of historic high groundwater down-gradient from the contaminant source, with

the possible exception of the stream bed sediments in the south branch of Dead Horse Slough located downstream of the former Humboldt Road Burn Dump as noted below. It appears that groundwater is unlikely to be encountered at locations other than excavations for bridge foundation elements and then only as perched groundwater.

1082 East 1st Avenue: First Avenue Cleaners. Site identified as having releases of perchloroethylene (PCE) to soil and groundwater and having impacted a municipal well. Not anticipated to be a source likely to affect the project due to the depth of regional groundwater at the project site and the distance from the site.

1288 East 1st Ave: TOSCO R&M Co. Facility 05422. Site identified as having a former release from a UST which impacted groundwater. The case was closed by the Regional Water Quality Control Board in 2000 and is not anticipated to be a source likely to affect the project.

1163 East 7th Street: Cohasset Elementary School. Site identified on several databases as a small quantity generator. No releases or violations are noted in any of the databases and this site is not anticipated to be a source likely to affect the project.

1295 East 8th Street: Mike's Shell Station. Site identified as having a former release from a UST which impacted soil and groundwater in the vicinity of the property. The case was closed by the Regional Water Quality Control Board and is not anticipated to be a source likely to affect the project.

1885 East 8th Street: Time Oil Company Station. Site identified as having a former release from a UST which impacted soil in the vicinity of the property. The case was closed by the Regional Water Quality Control Board and is not anticipated to be a source likely to affect the project.

901 Fir Street: Chico Municipal Service Corp Yard. This site is a former service station that is now a city vehicle refueling facility. Site identified as having a surface spill of 500 gallons of diesel fuel in 1989 and another release that impacted groundwater. This site has received closure from the Regional Water Quality Control Board and therefore is not anticipated to be a source likely to affect the project.

1180 East 9th Street: Cacitti Jack Property. Site identified as having a former release from a UST which impacted soil and groundwater in the vicinity of the property. The case was closed by the Regional Water Quality Control Board and is not anticipated to be a source likely to affect the project.

1367 East 9th Street: Giff's Auto. Site identified as a small quantity generator. No releases or violations are noted in any of the databases and this site is not anticipated to be a source likely to affect the project.

1377 East 9th Street: Ted's Electric, Inc. Site identified as a small quantity generator. No releases or violations are noted in any of the databases and this site is not anticipated to be a source likely to affect the project.

1385 East 9th Street: Sigler Pest & Termite Control. Site identified as a potential hazardous waste generator by DTSC, but follow up indicated that no hazardous wastes were being generated and the DTSC assigned a no further action status to this site.

2000 Business Lane: ARCO Station #5639. Site identified as having several releases which appear to have impacted soil only in the vicinity of the property. The case has been closed by the Regional Water Quality Control Board and is not anticipated to be a source likely to affect the project.

1150 El Monte Avenue: Evers Veterinary Clinic. Site identified as a small quantity generator. No releases or violations are noted in any of the databases and this site is not anticipated to be a source likely to affect the project.

995 Fir Street: California Highway Patrol. Site identified as having underground storage tanks on site. No releases or violations are noted in any of the databases and this site is not anticipated to be a source likely to affect the project.

899 Forest Avenue: Glenn Orcutt. Site identified as a small quantity generator. No releases or violations are noted in any of the databases and this site is not anticipated to be a source likely to affect the project.

1111 Forest Avenue: 7-Eleven Store #32401. Site identified as having underground storage tanks on site. No releases or violations are noted in any of the databases and this site is not anticipated to be a source likely to affect the project.

1197 Humboldt Road: Chico Scrap Metal Yard. Site identified as having random areas of elevated metals contamination remaining after City of Chico removed previously identified areas of elevated metals and polychlorinated biphenyls. Ranked low priority by DTSC and remaining contamination is being dealt with by placing a deed restriction on the property that will not allow residential development. Based on the

location and distance from the project, this site is not anticipated to be a source likely to affect the project.

1266 Humboldt Road: Alternative Materials Technology. Site identified as a small quantity generator. No releases or violations are noted in any of the databases and this site is not anticipated to be a source likely to affect the project.

1459 Humboldt Road: Arthur Lambert, DDS. Site identified as a small quantity generator. No releases or violations are noted in any of the databases and this site is not anticipated to be a source likely to affect the project.

1460 Humboldt Road: Chico Police Department. Site identified as a small quantity generator. No releases or violations are noted in any of the databases and this site is not anticipated to be a source likely to affect the project.

1500 Humboldt Road: Hignell and Hignell, Inc. Site identified as a small quantity generator. No releases or violations are noted in any of the databases and this site is not anticipated to be a source likely to affect the project.

1761 Modoc Drive: George Luiza. Site identified as a small quantity generator. No releases or violations are noted in any of the databases and this site is not anticipated to be a source likely to affect the project.

NW Intersection of SR32 and Bruce Road: Old Farm Estates. Site identified on the DTSC Voluntary Cleanup Program database as a location where a voluntary cleanup has been completed. This location is presently a vacant lot. Based on the completion of the voluntary cleanup, this site is not anticipated to be a source likely to affect the project.

1256 Vallombrosa Drive: Alternative Materials Technology. Site identified as a small quantity generator. No releases or violations are noted in any of the databases and this site is not anticipated to be a source likely to affect the project.

Chico Well Field: Multiple Municipal Water Supply Wells. This is an area-wide impact to groundwater and a number of City of Chico municipal water supply wells by several dry cleaners in the central and southwestern regions of Chico. The groundwater is impacted by PCE released by the dry cleaners. Due to the depth of groundwater in the project site area, this identified environmental condition is not anticipated to be a source likely to affect the project.

Charles W. Lohse: UST site. This property is listed in the environmental database search as an "orphan" site, with the only location information that it is located on Highway 32. This property is listed on the Cortese database as having a 550-gallon, single wall steel, regular unleaded UST installed in 1974. No petroleum hydrocarbon releases are documented as occurring at this site. Due to the lack of specific location information, it is unclear what potential impacts, if any, there could be to the project from this site but, based on shallow excavations anticipated for project area, there does not appear to be a high likelihood this site would be a source likely to affect the project.

Bruce Road and Humboldt Road: Former Humboldt Road Burn Dump. This location actually occupies thirteen parcels both east and west of the present alignment of Bruce Road. The City of Chico owned and operated a landfill/burn dump at this location from the early 1900's to approximately 1965, with some illegal dumping continuing after the facility was officially closed around 1965. Soil samples from the site indicated elevated lead contamination throughout the site with detections of arsenic, antimony, dieldrin (a pesticide) and low concentrations of dioxin. The site has been capped and fenced to limit exposure to the lead contaminated soil and a Remedial Action Plan and design is in progress for the parcels which constitute the former burn dump area. The south branch of Dead Horse Slough is an intermittent stream which meanders through the landfill refuse and contamination. The south branch of Dead Horse Slough flows northwest under SR32 into the main branch of Dead Horse Slough, which flows into Little Chico Creek at the diversion channel approximately two miles to the west. A potential exists for impacts to the project site through lead contamination in stream bed materials of the south branch of Dead Horse Slough carried downstream of the Humboldt Road Burn Dump, based on conversations with Karen Clementsen and Dale Stoltz of the Central Valley Regional Water Quality Control Board. Laboratory analysis of sediment collected from the south branch of Dead Horse Slough approximately 200 feet upstream of its crossing of SR32 gave a result of 242 mg/kg lead (Vestra, 2005). Potential impacts to the project would be related to lead-impacted stream sediments where the south branch of Dead Horse Slough passes under SR32 through a box culvert.

5.0 SITE RECONNAISSANCE

Reconnaissance of the study site was performed on October 14, 2005 by Thomas M. Skaug of Taber Consultants. The reconnaissance consisted of a walking and driving traverse along SR32, portions of Dead Horse Slough, and side streets within the study site to make visual observations for evidence of current land uses, past uses, or existing

conditions that indicate the presence or likely presence of hazardous substances or petroleum products on the study site or adjacent properties under conditions that could significantly affect the feasibility or cost of the proposed project.

The project site is occupied by California Department of Transportation right-of-way for existing SR32 and portions of privately owned properties adjoining the road, with the majority of the widening to take place on the north side of the existing SR32 and a minor amount of widening (eight to ten feet) on the south side of the roadway east of Bruce Road, as indicated on the 1"=100' preliminary plan by MT&Co. Land adjacent to the project site is comprised of the larger portions of the private properties within the study site. Land use on the site and adjacent properties is primarily residential in the western portion of the study area and becomes more rural to the east. General reconnaissance observations and observations of specific items of potential concern are discussed below.

5.1 SR32 Right-of-Way

SR32 is a two-lane, asphalt paved state highway. Items of significant concern noted within the SR32 right-of-way are the well located east of El Monte Avenue and potential lead-impacted stream sediments at the Dead Horse Slough Diversion Channel Bridge and the south branch of Dead Horse Slough box culvert, as discussed in more detail below. While the potential for aerially deposited lead (ADL) from vehicle exhaust resulting in elevated lead concentrations in soil adjacent to the road is considered low based on the rural nature of this road, and likely lower traffic volumes during the time leaded gasoline was in use, it cannot be ruled out.

5.5 Dead Horse Slough Diversion Channel Bridge

The Dead Horse Slough Diversion Channel Bridge is located approximately 400 feet east of Forest Avenue on SR32. Bridge construction consists of reinforced concrete deck with concrete wing walls and support pillars. Metal guard rails are mounted on the edges of the bridge deck. Based on Taber's experience in prior investigations, the shims used in the guard rail structures have a potential to contain asbestos materials.

Analytical results of samples collected from stream sediments in the south branch of Dead Horse slough upstream of this location indicate there is a potential for elevated levels of lead in the stream channel at this location.

5.2 Assessors parcel 002-050-171

This parcel occupies the southwestern corner of the Forest Avenue and SR32 intersection. At the time the reconnaissance was performed this parcel occupied with a vacant metal building that indicated it was a former Goodyear Tire store. The back (western) portion of the property contains an approximately 75 foot square fenced area that appears to have been used for storage of used tires. Limited vehicle maintenance and repairs may have been conducted at this operation in conjunction with the tire business, but there are no records of any environmental issues. The reconnaissance visit did not identify any areas of discoloration or distressed vegetation that may indicate environmental impacts to this property.

Based on the site reconnaissance, lack of known releases, depth of groundwater and inferred groundwater gradient (southwest, away from the study site) any leak or spill from any vehicle maintenance operations this property are considered unlikely to affect the project.

5.3 Assessors parcel 002-050-244

This parcel is located on the southeast corner of the intersection of Forest Avenue and SR32 and is occupied by a 7-Eleven store with associated retail petroleum sales. The 7-Eleven appears to have three underground storage tanks located on the western portion of the property adjacent to Forest Avenue and approximately 100 feet south of SR32. Associated dispenser islands are located in the center of the property with the convenience store located in the eastern portion of the property.

While this site is listed on several environmental databases as having underground storage tanks and storing hazardous substances (gasoline), there are no records of any operating permit violations or releases of hazardous substances from this business. Based on the site reconnaissance, lack of known releases, depth of groundwater and probable groundwater gradient (west-southwest, away from the study site) any leaks or spills from this property are considered unlikely to affect the project.

5.4 Assessors parcel 002-050-174

Project reconnaissance identified a water supply well and pump house at this location approximately 400 feet east of El Monte Avenue on the north side of SR32. The well appears to be located on current SR32 right-of-way and, at the surface, has a six-inch diameter steel casing. The well appears to be an agricultural well, but ownership, depth of the well, screen interval and depth to water are currently unknown.

Should this well fall within the limits of the project construction, it would require destruction of the well in accordance with Sections 13800 and 13801 of the California Water Code.

5.5 South Branch of Dead Horse Slough Crossing

The south branch of Dead Horse Slough crosses under SR32 in a concrete box culvert approximately 100 feet east of Bruce Road. Based on sample results of stream sediments approximately 200 feet upstream of this crossing, it appears likely that elevated levels of lead originating from the Humboldt Road Burn Dump will be present in the stream channel at this location.

5.6 High Tension Power Lines

High tension power lines cross SR32 approximately 300 to 400 feet east of Yosemite. The power lines trend north-northwest. Non-maintained dirt roads provide access to the power line corridor. No sources likely to affect project are evident within the study area, based on a lack of observed environmental impacts at this location.

6.0 CONCLUSIONS

No direct evidence of hazardous substances or petroleum products on the study site or immediately adjacent properties under conditions that could significantly affect the feasibility or cost of the proposed project was obtained during the course of our study. Based on the indicated document reviews, reconnaissance and discussions with Regional Water Quality Control Board and County personnel, it is our opinion that the potential for the proposed construction to encounter significant hazardous materials within the project corridor is generally low.

Information obtained during our study indicates a number of conditions that indicate a potential for contamination that might affect the project and additional study

is recommended as described below. Although the existence and extent of hazardous materials, if any, will need to be established, it is expected that such conditions can be mitigated by typical engineering practice.

The time between construction of existing State Route 32 (1957) and the phase-out and then banning of lead additive in gasoline is relatively short, and the potential for significant concentrations of aerially deposited lead (ADL) along the shoulders of the existing roads is considered low, but cannot be ruled out. A program of soil sampling and analytical testing of the samples to assess the presence, concentrations and distribution of ADL is recommended.

Materials containing asbestos might have been used in the existing Dead Horse Slough Diversion Channel bridge. Asbestos sampling is recommended for guard rail materials at this bridge to evaluate if concentrations of these materials are present that would require special procedures should bridge modifications be anticipated as part of the road widening project.

Due to potentially hazardous levels of chromium and lead in yellow traffic stripes, representative sampling should be conducted of yellow pavement markings to be removed to determine the appropriate disposal requirements in accordance with the Standard Special Provisions for removal of yellow stripes and pavement marking.

A potential exists for elevated levels of lead in south branch of Dead Horse Slough stream sediments downstream from the Humboldt Road Burn Dump and in the stream sediments at the Dead Horse Slough Diversion Channel Bridge. Collection and analytical testing of samples of the stream sediment from both the south branch of Dead Horse Slough and the Dead Horse Slough Diversion Channel where they cross under SR32 should be conducted to assess the presence and concentrations of lead in soils and stream sediments to be excavated for extension of the box culvert and bridge at these locations.

The water well located within the northern right of way of SR32 approximately 400 feet east of El Monte Avenue will need to be destroyed in accordance with applicable State and County regulations. A new well may need to be constructed.

7.0 LIMITATIONS

This study was based on our understanding of the project limits and anticipated construction as described herein. Additional study at specific locations might be warranted if locations, depths, and/or nature of construction shown on final project plans differs from our current understanding.

Our conclusions and recommendations are based on our interpretation of the information obtained during the course of this study from various sources. Some of the information might be inaccurate and some of the sources might be incomplete; additional and/or different conclusions and recommendations might have been drawn from more accurate or complete information.

Portions of the project site were on private property not accessible for review and buildings or vehicles might have prevented observation of evidence important to this study. We did not receive timely response to requests for information from most of the property owners, and our reconnaissance was limited to general observations as described herein. There may, therefore, be evidence of the presence or likely presence of hazardous materials or petroleum products that was not observed.

The scope of our assessment did not include any subsurface investigation, testing of air, surface water or groundwater, or assessment for the presence of radon or other naturally occurring hazardous materials, lead based paint, lead in drinking water, asbestos, materials containing asbestos, physical hazards, or wetlands, nor did it include sampling of soil, air or groundwater. If consideration of these factors is significant to property evaluation, further study would be required.

Conclusions and opinions expressed in this report are not legal opinions regarding compliance with regulatory requirements. This report was prepared for and is intended for the exclusive use of Mark Thomas & Company, Inc. for the specific project described. Any other use or re-use of this report or findings herein without specific written authorization from Taber Consultants is at the sole risk of the user.

Mark Thomas & Company, Inc.
November 15, 2005
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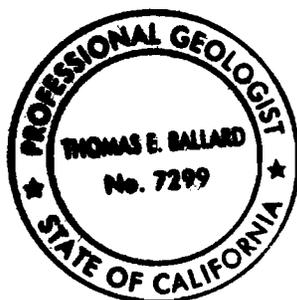
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* * * * *

Please call if you have any questions on the above, or as we may be of further assistance. We appreciate this opportunity to be of service.

Very truly yours,
TABER CONSULTANTS



A handwritten signature in black ink that reads "Tom E Ballard".

Thomas E. Ballard
Senior Geologist
P.G. #7299

TEB/ns

Enclosure: General Conditions
 Selected References
 Vicinity Map
 Appendix A "Environmental Record Search"

Distribution: Client (4)

GENERAL CONDITIONS

The conclusions of this study are professional opinion based upon the indicated project criteria and the limited data described herein. Sampling and testing programs recommended in this report and construction activities may reveal conditions not identified by this limited study. Geotechnical study, possibly including sub-surface exploration, is anticipated as part of project design that could provide information that would warrant modifying the conclusions herein.

This report is intended only for the purpose, site limits and project description indicated and assumes planning, design and construction in accordance with the latest applicable codes. Changes in site conditions could occur at any time that might substantially alter the conclusions of this report. The conclusions therefore should only be considered valid as of the dates of the data (site reconnaissance, data base records, interviews, etc.) on which they are based.

A review by this office of any plans and specifications or other work product insofar as they rely upon or implement the content of this report, together with the opportunity to make supplemental evaluations as indicated there-from is considered an integral part and a condition of this study. Should there be significant change in the project, this office should be notified for supplemental evaluation as necessary or appropriate.

Opinions herein apply to current site conditions and those reasonably foreseeable for the described development -- which includes appropriate operation and maintenance thereof. They cannot necessarily apply to site changes occurring, made, or induced, of which this office is not aware and has not had opportunity to evaluate.

SELECTED REFERENCES

1. California Department of Water Resources and United States Geological Survey, August 1978, "Evaluation of Ground Water Resources: Sacramento Valley," DWR Bulletin 118-6
2. California Department of Water Resources Water Data Library:
<http://wdl.water.ca.gov>; accessed 10-29-05
3. Caltrans Log of Test Borings Sheets

Bridge Name	Bridge Number	Year of Exploration
Route 99/32 Separation (South)	12-0149L/R	1960
Route 99/32 Separation (North)	12-0150L/R	1960
SR 32 at Dead Horse Slough Diversion	12-0135	1956
Humboldt Road at Dead Horse Slough Diversion	12C-0114	1956

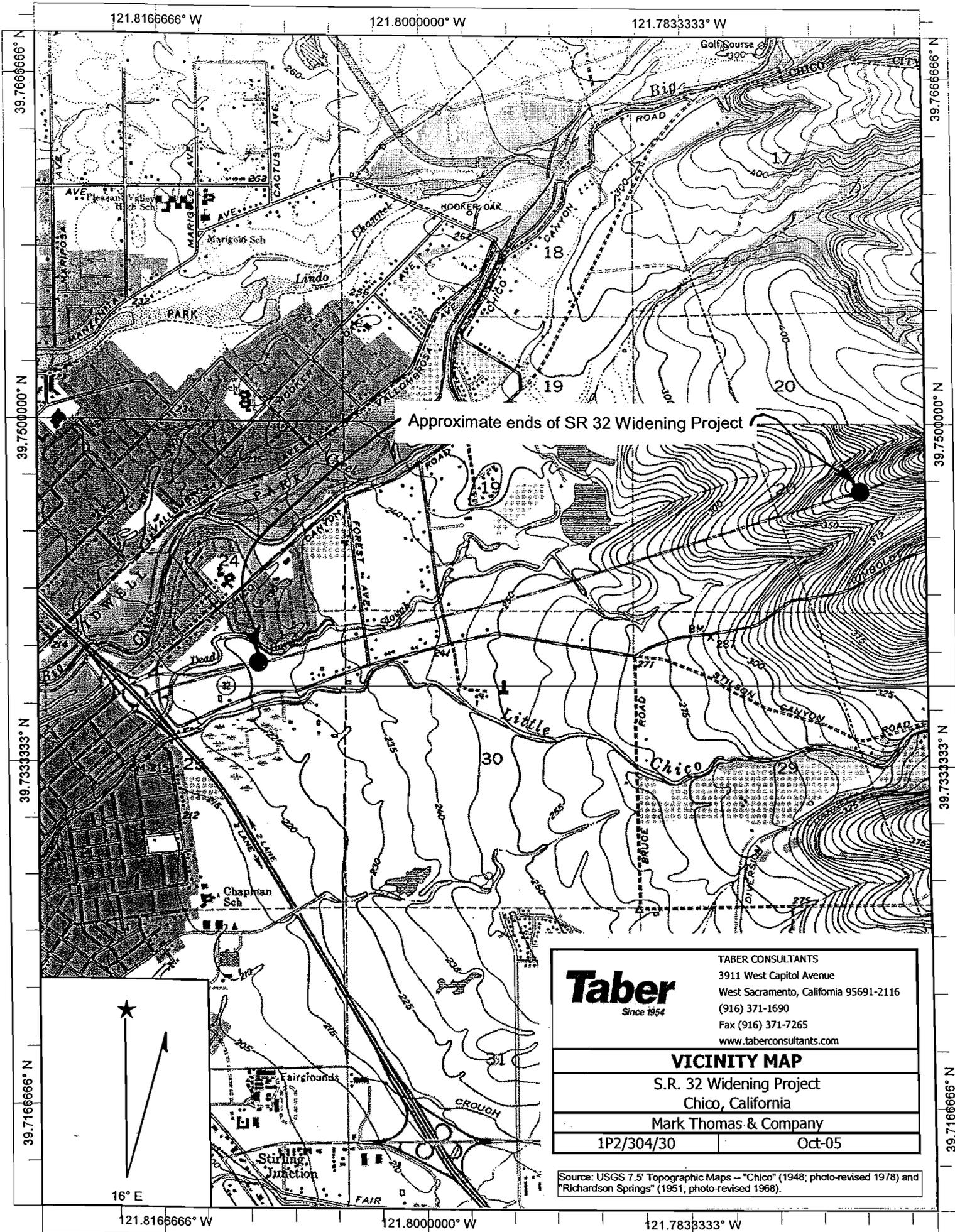
4. Harwood, D.S., Helley, E. J., and Doukas, M. P., 1981, "Geologic Map of the Chico Monocline and Northeast Part of the Sacramento Valley," USGS Map I-1238, scale 1:62,500.
5. Jennings, Charles W, 1994, "Fault Map Of California And Adjacent Areas With Locations And Ages Of Recent Volcanic Eruptions," CDMG Map No. 6, scale 1:750,000.
6. Mualchin, Lalliana, 1996, "A Technical Report To Accompany The Caltrans California Seismic Hazard Map 1996 (Based On Maximum Credible Earthquakes)," California Department of Transportation.

SELECTED REFERENCES (continued)

7. Taber Consultants Log of Test Boring Sheets

Project Name	File Number	Year of Exploration
Humboldt Rd. Bike Path/Little Chico Creek	1P2/388/153	1991
Humboldt Rd./Dead Horse Slough Diversion -- Widen	1P2/391/18-1	1991
El Monte Ave. at Dead Horse Slough	376/33-1	1976
Little Chico Creek Pedestrian Bridge	1P1/396/19	1996
Notre Dame Blvd. Extension at Little Chico Cr.	1P2/391/18-2	1991
Bruce Road at Little Chico Creek	1P2/395/67	1996
Bruce Road at Dead Horse Slough	370/120F-4 & 1P2/303/15	1971
Yosemite Drive at Dead Horse Slough (spillway)	370/120F-8	1972

8. Burnett, J. L., and Jennings, C. W., 1962, 1:250,000 scale "Geologic Map of California, Chico Sheet," California Division of Mines and Geology.
9. Saucedo, G. J., and Wagner, D. L., 1992, 1:250,000 scale "Geologic Map of the Chico Quadrangle," California Division of Mines and Geology.
10. United States Geological Survey, 1948, "Chico Quadrangle," 7.5 Minute Series (topographic)," scale 1:24,000.
11. United States Geological Survey, 1958, "Chico Quadrangle," Two Degree Sheet (topographic)," scale 1:250,000.
12. United States Geological Survey, 1948 Photorevised 1978, "Chico Quadrangle," 7.5 Minute Series (topographic)," scale 1:24,000.
13. Vestra, September 2005, Confirmation Sampling Results, Humboldt Road Private Properties Operational Unit, unpublished consultants report



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VICINITY MAP
 S.R. 32 Widening Project
 Chico, California
 Mark Thomas & Company
 1P2/304/30 Oct-05

Source: USGS 7.5' Topographic Maps - "Chico" (1948; photo-revised 1978) and "Richardson Springs" (1951; photo-revised 1968).

ENVIRONMENTAL RECORD SEARCH

for the site

1.8 MILE OF SR 32 1000 FT E OF HWY 99, CHICO CA

performed for

TABER CONSULTANTS

10-12-2005

INTRODUCTION

This document, prepared on the request of TABER CONSULTANTS, reports the findings of BBL's investigation of environmental concerns in the vicinity of 1.8 Mile Of Sr 32 1000 Ft E Of Hwy 99, Chico CA. It is divided in the following segments:

- **Map** - showing the location of the identified sites relative to the subject site.
- **Summary** - listing the identified sites by street names.
- **Final Report** - describing the sources investigated and the resulting findings:

Environmental Concerns	Page	Search Dist	Site	< 1/8	1/8-1/4	1/4-1/2	1/2-1/1	area	unknown	total
National Priority List	1	1 mile								
CERCLIS	1	1 mile					1			1
NFRAP	2	1 mile						1		1
Federal Facilities	2	1 mile								
Emergency Response Notification System	2	1/2 mile					1			1
Hazardous Material Incident Report System	3	subject								
Site Enforcement Tracking System	3	1 mile					1			1
Enforcement Docket (DOCKET/CDETS)	3	1/2 mile								
C-Docket	4	1/2 mile								
RCRA Violators List	4	1 mile								
RCRA - TSD Facilities	4	1 mile								
Federal Enforcement Dockets	4	1 mile								
Annual Work Plan	4	1 mile				1	2	1		4
CALSITES	9	1 mile								
Voluntary Cleanup Program	9	1/2 mile		1					1	2
Properties Needing Further Evaluation	10	1/2 mile								
Referred Unconfirmed Properties	10	1/2 mile				2			1	3
CALSITES - No Further Action	11	1/2 mile				1	1		6	8
Cortese	19	1 mile								
Leaking Underground Storage Tanks	19	1 mile					6		2	8
Solid Waste Information System	23	1 mile								
Well Investigation Program	23	1 mile					1			1
Drinking Water Program	23	1 mile				2	8			10
School Property Evaluation Program	30	1/2 mile								
Toxic Releases	30	1 mile							6	6
Toxic Pits	31	1 mile								
Solid Waste Assessment Test - Regional	32	1 mile								
Environmental Concern References				1		6	21	2	16	46
Environmental Concern Sites				1		4	19	2	14	40
Operating Permits										
RCRA Generators	32	1/2 mile					2		1	3
SARA Title III, section 313 (TRIS)	33	1/2 mile								
Nuclear Regulatory Commission Licensees	33	1/2 mile								
PCB Waste Handlers Database	33	1/2 mile								
Permit Compliance System (PCS)	33	1/2 mile								
AIRS Facility System (AFS)	34	1/2 mile								
Section Seven Tracking System	34	1/2 mile								
FIFRA/TSCA tracking system	34	1/2 mile								
Federal Facilities Information System (FFIS)	34	1/2 mile								
Chemicals in Commerce Information System	34	1/2 mile								
FINDS EPA Facility Index System	34	1/2 mile								
Hazardous Waste Information System	35	1/2 mile				1	14		1	16
Underground Storage Tanks	37	1/2 mile					6		4	10
Operating Permits References						1	22		6	29
Operating Permits Sites						1	15		5	21
Total References				1		7	43	2	22	75
Total Sites				1		5	34	2	19	61

* The classification by distance takes into consideration physical property sizes by assuming a standard size.

- **Fire Insurance Map** review - describing the area of the subject site.



.65 inches to 1/2 mile (the circles do not include any buffer zone)



- ENVIRONMENTAL CONCERNS - HIGH PRIORITY
- ENVIRONMENTAL CONCERNS
- ENVIRONMENTAL CONCERNS - WITH A 'NO FURTHER ACTION' STATUS'
- OPERATING PERMITS ONLY
- ⊃ WATER WELLS

APPROXIMATE LOCATION OF IDENTIFIED SITES WITH KNOWN ENVIRONMENTAL CONCERNS IN THE VICINITY AT 1.8 MILE OF SR 32 1000 FT E OF



.85 inches to 1/2 mile (the circles do not include any buffer zone)



- ENVIRONMENTAL CONCERNS - HIGH PRIORITY
- ENVIRONMENTAL CONCERNS
- ENVIRONMENTAL CONCERNS - WITH A 'NO FURTHER ACTION' STATUS'
- OPERATING PERMITS ONLY
- ◊ WATER WELLS

APPROXIMATE LOCATION OF IDENTIFIED SITES WITH OPERATING PERMITS ONLY IN THE VICINITY AT 1.8 MILE OF SR 32 1000 FT E OF

2. FIRST AVENUE CLEANERS	1082 E1ST AVE
3. TOSCO R&M CO FACILITY 05422	1288 E1ST AVE
4. Cal-Water Service Co.-Chico/CA	WELL 20-01
5. Cal-Water Service Co.-Chico/CA	WELL 39-01
6. Cal-Water Service Co.-Chico/CA	WELL 57-01
7. Cal-Water Service Co.-Chico/CA	WELL 18-01
8. Cal-Water Service Co.-Chico/CA	WELL 07-04
9. Cal-Water Service Co.-Chico/CA	WELL 61-01
10. Cal-Water Service Co.-Chico/CA	WELL 35-01
11. Cal-Water Service Co.-Chico/CA	WELL 50-01
12. Cal-Water Service Co.-Chico/CA	WELL 54-01
13. Cal-Water Service Co.-Chico/CA	WELL 65-01
14. CHICO USD COHASSET ELEM	1163 E7TH ST
15. MIKE'S SHELL	1295 E8TH ST
16. TIME OIL COMPANY INC	1885 E8TH ST
17. MUNICIPAL SERVICE CORP/CHICO	E 9TH & FIR
18. CACITTI JACK PROPERTY	1180 E9TH ST
19. GIFFS AUTO	1367 E9TH ST
20. TED'S ELECTRIC INC.	1377 E9TH ST
21. SIGLER PEST & TERMITE CONTROL	1385 E9TH ST, PO BOX 1746
22. HUMBOLDT ROAD DUMP	BRUCE & HUMBOLDT RD
23. SCOTT PROPERTY	BRUCE ROAD & HUMBOLDT RD, HWY 32
24. ARCO #5639	2000 BUSINESS LN
25. EVERS VETERINARY CLINIC INC	1150 EL MONTE AVE
26. CHICO CITY OF FIRE DEPT	901 FIR ST
27. CALIFORNIA HIGHWAY PATROL	995 FIR ST
28. GLEN ORCUTT	899 FOREST AVE
29. 7 - 11 STORE - #32401	1111 FOREST AVE
30. CHICO SCRAP METAL YARD	1197 HUMBOLDT RD
31. ALTERNATIVE MATERIALS TECH	1266 HUMBOLDT RD
32. ARTHUR LAMBERT D.D.S.	1459 HUMBOLDT RD
33. CHICO POLICE DEPARTMENT	1460 HUMBOLDT RD
34. HIGNELL AND HIGNELL INC	1500 HUMBOLDT RD
35. GEORGE LUIZA	1761 MODOC DR
36. OLD FARM ESTATES BRUCE ROAD	NW INTERSECTION OF HWY 32 & BRUCE RD
37. STEPHEN E. DELIA	1256 VALLOMBROSA AVE
UNKNOWN LOCATIONS	
RROS CO PARTNERSHIP	EL MONTE AVE
LEE'S TERMITE INSPECTION	HWY 32
KENNETH W. TEEL	PO BOX 3258
RAUSSER DISTRIBUTING COMPANY	PO BOX 3810
CHICO TRANSPORTATION	PO BOX 68
BUTTE CREEK ROCK COMPANY	PO BOX 720
SOUTHERN PACIFIC CHICO	7TH ST
HIGNALL DEVELOPMENT	BRUCE RD
CHICO REMANUFACTURING FACILITY	CHICO
PLEASANT VALLEY ASSEMBLY OF GO	HUMBOLDT RD
ADAMS, ET AL (APN 002-180-086)	HUMBOLDT ROAD & HIGHWAY 32
EDMOND JOHNSON PROPERTY (APN 0	HUMBOLDT ROAD & HWY 32
HUMBOLDT ROAD PRIVATE PROPRTI	HUMBOLDT ROAD & STATE HIGHWAY 32
HUMBOLDT ROAD BURN DUMP OPERAT	HUMBOLT ROAD & HWY 32
CHARLES W. LOHSE	HWY 32
AREA LOCATIONS	
CHICO WELL FIELD	SPREAD OVER CITY OF CHICO

ENVIRONMENTAL RECORD SEARCH

SUMMARY

KNOWN ENVIRONMENTAL CONCERNS

Page: 1

Date: 10-12-2005

1.8 MILE OF SR 32 1000 FT E OF HWY 99, CHICO CA

Job: TABS3420

ADDRESS	CITY	LOCATION	SOU-RCE	STA-TUS	PA-GE	MAP DIR LOC
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KNOWN ENVIRONMENTAL CONCERNS, WITHIN 1/4 MILE OF THE SUBJECT SITE

NW INTERSECTION OF HWY 32 & BR	CHICO	OLD FARM ESTATES BRUCE ROAD	VC	VCOMP10	36	SE
--------------------------------	-------	-----------------------------	----	---------	----	----

KNOWN ENVIRONMENTAL CONCERNS, WITHIN 1/4 - 1/2 MILE OF THE SUBJECT SITE

WELL 57-01	22N/01E-25A02 M	Cal-Water Service Co.-Chico/CA	WQ	AU	25	6 SE
WELL 54-01	22N/02E-19N01 M	Cal-Water Service Co.-Chico/CA	WQ	AU	28	12 NE
BRUCE & HUMBOLDT RD	CHICO	HUMBOLDT ROAD DUMP ROSELLINI PROPERTY CHICO DEVELOPMENT INC.	CS-nfa CS-nfa CS-nfa	NFA NFA NFA	12 13 13	22 SE
BRUCE & HUMBOLDT RD, NEC	CHICO	DUNN PROPERTY	CS-nfa	NFA	14	22 SE
BRUCE & HUMBOLDT RD	CHICO	SCOTT PROPERTY WEST PROPERTY JOHNSON PROPERTY	CS-nfa RF RF	NFA REFRW10 REFRW11	15	22 SE
BRUCE & HUMBOLDT RD, HWY 32	CHICO	JOHNSON PROPERTY CHICO DEVELOPMENT INC. ROSELLINI PROPERTY WEST PROPERTY MULKEY PROPERTY	CS-nfa CS-nfa RF CS-nfa RF	NFA NFA REFRW11 NFA REFRW11	15 16 16 16	22 SE
BRUCE & HUMBOLDT RD,NEC HWY 32	CHICO	DUNN PROPERTY	RF	REFRW11	22	SE
BRUCE & HUMBOLDT RD	CHICO	SOUTHERN ADJUSTMENT BUREAU	RF	REFRW11	22	SE
BRUCE & HUMBOLDT RD, HWY 32	CHICO	CITY OF CHICO PROPERTY	AnnWrk	AWP	5	22 SE
BRUCE ROAD & HUMBOLDT RD, HWY	CHICO	SCOTT PROPERTY	RF	REFRW11	23	SE

KNOWN ENVIRONMENTAL CONCERNS, WITHIN 1/2 - 3/4 MILE OF THE SUBJECT SITE

WELL 39-01	22N/01E-25A01 M	Cal-Water Service Co.-Chico/CA	WQ	AU	24	5 NE
------------	-----------------	--------------------------------	----	----	----	------

KNOWN ENVIRONMENTAL CONCERNS, WITHIN 3/4 - 1 MILE OF THE SUBJECT SITE

WELL 20-01	22N/01E-24N01 M	Cal-Water Service Co.-Chico/CA	WQ	AU	24	4 NE
WELL 18-01	22N/01E-25C01 M	Cal-Water Service Co.-Chico/CA	WQ	AU	25	7 NE
WELL 61-01	22N/01E-25R01 M	Cal-Water Service Co.-Chico/CA	WQ	AU	27	9 SE
WELL 50-01	22N/02E-19G01 M	Cal-Water Service Co.-Chico/CA	WQ	AU	28	11 NE
WELL 65-01	22N/02E-29M01 M	Cal-Water Service Co.-Chico/CA	WQ	AU	29	13 SE
1885 E 8TH ST	CHICO	SUPER SHOPPER SUPER SHOPPER SUPER SHOPPER TIME OIL COMPANY INC SUPER SHOPPER MARKET SUPER SHOPPER GAS MART	LUST LUST LUST HWIS UST UST	9 INACT INACT 35 2005 87&A9	20 21 21 35 38 38	16 NE

SITES WITH UNKNOWN OR NON-SPECIFIC LOCATION

1082 E 1ST AVE	CHICO	FIRST AVENUE CLEANERS FIRST AVENUE CLEANERS	AnnWrk CERCLA	AWP 1	5	2 NW
1288 E 1ST AVE	CHICO	TOSCO R&M CO FACILITY 05422 TOSCO R&M CO, FACILITY 05422	LUST LUST	9 INACT	19 20	3 NW
WELL 07-04	22N/01E-25M01 M	Cal-Water Service Co.-Chico/CA	WQ	AU	26	8 SW
WELL 35-01	22N/01E-36C01 M	Cal-Water Service Co.-Chico/CA	WQ	AU	27	10 S
1163 E 7TH ST	CHICO	CHICO UNIFIED SCHOOL DISTRICT CHICO USD COHASSET ELEM CHICO UNIFIED SCH DIST	SETS HWIS RCRA		3 35 32	14 W
1295 E 8TH ST	CHICO	SHELL SS MIKES FORMER SHELL SS MIKES FORMER	LUST LUST	9 INACT	20 20	15 W

KNOWN ENVIRONMENTAL CONCERNS

Page: 2

1.8 MILE OF SR 32 1000 FT E OF HWY 99, CHICO CA

Date: 10-12-2005

Job: TABS3420

ADDRESS	CITY	LOCATION	SOU-RCE	STA-TUS	PA-GE	MAP DIR
		SHELL SS MIKE'S FORMER MIKE'S SHELL 8TH & 9TH ST AUTHOMTIVE MIKE'S SHELL SERVICE 8TH ST 76	LUST	INACT	20	
			HWIS		35	
			UST	2005	38	
			UST	87&93	38	
			UST	87&A9	38	
E 9TH & FIR	CHICO	MUNICIPAL SERVICE CORP/CHICO	ERNS		3	17 W
1180 E 9TH ST	CHICO	CACITTI JACK PROPERTY CACITTI, JACK PROPERTY CACITTI JACK PROPERTY	LUST	9	21	18 SW
			LUST	INACT	21	
			LUST	INACT	21	
1385 E 9TH ST,PO BOX 1746	CHICO	SIGLER PEST & TERMITE CONTROL	CS-nfa	NFA	12	21 SW
2000 BUSINESS LN	CHICO	ARCO #5639 ARCO #05639 ARCO FACILITY #5639 ARCO FACILITY #5639 ARCO FACILITY #5639	LUST	1	21	24 SE
			LUST	9	22	
			LUST	9	22	
			LUST	INACT	22	
			LUST	INACT	22	
901 FIR ST	CHICO	MUNICIPAL SERVICES CENTER CHICO MUNICIPAL SERVICE CENTER CHICO MUNICIPAL SERVICE CENTER CHICO MUNICIPAL SERVICE CENTER CHICO CITY OF FIRE DEPT CHICO CITY OF FIRE DEPT CITY OF CHICO CITY OF CHICO	LUST	1	22	26 SW
			LUST	9	22	
			LUST	INACT	23	
			LUST	INACT	23	
			HWIS		36	
			RCRA	L	33	
			UST	2005	39	
			UST	87&A9	39	
1197 HUMBOLDT RD	CHICO	CHICO SCRAP METAL YARD	AnnWrk	BKLG	8	30 SW
HWY 32	CHICO	LEE'S TERMITE INSPECTION	CS-nfa	NFA	18	
PO BOX 3810	CHICO	RAUSSER DISTRIBUTING COMPANY	CS-nfa	RED	18	
PO BOX 68	CHICO	CHICO TRANSPORTATION	CS-nfa	RED	18	
PO BOX 720	CHICO	BUTTE CREEK ROCK COMPANY	CS-nfa	NFA	18	
7TH ST	CHICO	SOUTHERN PACIFIC CHICO SOUTHERN PACIFIC CHICO SOUTHERN PACIFIC CHICO	LUST	INACT	20	
			LUST	INACT	20	
			LUST	INACT	20	
BRUCE RD	CHICO	HIGNALL DEVELOPMENT HIGNALL DEVELOPMENT	VC	NFA	10	
			VC	NFA	10	
CHICO	CHICO	CHICO REMANUFACTURING FACILITY	NT	RI	30	
HUMBOLDT RD	CHICO	PLEASANT VALLEY ASSEMBLY OF GO JUNKIE GEORGE AUTO WRECKERS #2	NT		30	
			CS-nfa	NFA	17	
HUMBOLDT RD, 1/4MI FROM XING B	CHICO	UNK.	CS-nfa	NFA	17	SE
HUMBOLDT RD, 1/4 MI FROM XING	CHICO	OLD CHICO LANDFILL	RF	REFRW	11	SE
HUMBOLDT ROAD & HIGHWAY 32	CHICO	ADAMS, ET AL (APN 002-180-086) BARTIG, ET AL (APN 002-180-08)	NT		31	
			NT		31	
HUMBOLDT ROAD & HWY 32	CHICO	EDMOND JOHNSON PROPERTY (APN 0	NT		31	
HUMBOLDT ROAD & STATE HIGHWAY	CHICO	HUMBOLDT ROAD PRIVATE PROPERTI	NT		31	
HUMBOLT ROAD & HWY 32	CHICO	HUMBOLDT ROAD BURN DUMP OPERAT	NT		31	
PO BOX 3468	CHICO	HARV'S PEST CONTROL	CS-nfa	NFA	18	
7TH ST	CHICO	SOUTHERN PACIFIC CHICO	LUST	INACT	20	
SPREAD OVER CITY OF CHICO	CHICO	CHICO WELL FIELD	NFRAP	NFA	2	W
CHICO AREA GROUNDWATER	CHICO	CHICO GROUNDWATER - SOUTHWEST CHICO GROUNDWATER - CENTRAL PL	AnnWrk	AWP	6	W
			AnnWrk	AWP	7	

OPERATING PERMITS ONLY

Page: 1

Date: 10-12-2005

1.8 MILE OF SR 32 1000 FT E OF HWY 99, CHICO CA

Job: TABS3420

ADDRESS	CITY	LOCATION	SOU-RCE	STA-TUS	PA-GE	MAP DIR LOC
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OPERATING PERMITS ONLY, WITHIN 1/4 - 1/2 MILE OF THE SUBJECT SITE

1150	EL MONTE AVE	CHICO	EVERS VETERINARY CLINIC INC	HWIS	36	25 SE
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OPERATING PERMITS ONLY, WITHIN 1/2 - 3/4 MILE OF THE SUBJECT SITE

899	FOREST AVE	CHICO	GLEN ORCUTT	HWIS	36	28 SE
1111	FOREST AVE	CHICO	7 - 11 STORE - #32401 SOUTHLAND 7-ELEVEN #32401	UST UST	2005 99&A9	39 39 29 NE

OPERATING PERMITS ONLY, WITHIN 3/4 - 1 MILE OF THE SUBJECT SITE

1500	HUMBOLDT RD	CHICO	HIGNELL AND HIGNELL INC	HWIS	37	34 S
1761	MODOC DR	CHICO	GEORGE LUIZA	HWIS	37	35 NE

SITES WITH UNKNOWN OR NON-SPECIFIC LOCATION

1367	E 9TH ST	CHICO	GIFFS AUTO	HWIS	35	19 W
1377	E 9TH ST	CHICO	TED'S ELECTRIC INC.	HWIS	36	20 SW
995	FIR ST	CHICO	CALIFORNIA HIGHWAY PATROL CALIFORNIA HIGHWAY PATROL STATE OF CALIFORNIA CALIFORNIA HIGHWAY PATROL	HWIS UST UST UST	36 2005 87&A9 87&A9	36 39 39 39 27 SW
1266	HUMBOLDT RD	CHICO	ALTERNATIVE MATERIALS TECH	HWIS	37	31 SW
1459	HUMBOLDT RD	CHICO	ARTHUR LAMBERT D.D.S.	HWIS	37	32 S
1460	HUMBOLDT RD	CHICO	CHICO POLICE DEPARTMENT	HWIS	37	33 SW
1256	VALLOMBROSA AVE	CHICO	STEPHEN E. DELIA STEPHEN E DELIA	HWIS UST	37 1998I	37 40 NW
	EL MONTE AVE	CHICO	RROS CO PARTNERSHIP	HWIS	36	
	HWY 32	CHICO	HELENA CHEMICAL CO CHARLES W. LOHSE	RCRA UST	L 87&98	33 40
	PO BOX 3258	CHICO	KENNETH W. TEEL	UST	87	40
	HUMBOLDT RD	CHICO	OLD CORPORATION YARD	UST	8798A	40
	HWY 32	CHICO	CHARLES W. LOHSE CHARLES W. LOHSE	UST UST	2005	40 40

REFERENCED SOURCES

Date: 10-12-2005

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NPL	NATIONAL PRIORITY LIST (09/15/04)				
CERCLA	CERCLIS (09/15/04)				
NFRAP	NFRAP (09/15/04)				
FedFac	FEDERAL FACILITIES (09/15/04)				
ERNS	EMERGENCY RESPONSE NOTIFICATION SYSTEM				
HM	HAZARDOUS MATERIAL INCIDENT REPORT SYSTEM (2003)				
SETS	SITE ENFORCEMENT TRACKING SYSTEM (10/12/03)				
CDETS	ENFORCEMENT DOCKET (DOCKET/CDETS) (09/04)				
CD	C-DOCKET (09/04)				
RV	RCRA VIOLATORS LIST (09/04)				
TSD	RCRA - TSD FACILITIES (09/04)				
	I Incinerator	D	Land Disposal	T	Storage/Treatment
FD	FEDERAL ENFORCEMENT DOCKETS				
AnnWrk	ANNUAL WORK PLAN (10/27/03)				
	BKLG Backlog	DLST	Delisted from the AWP	AWP	Active AWP site
	REFRW Referred to the RWQB	COM	Certified, maint mode	REFRC	Referred to RCRA
	CERT Certified after remediation				
CalSite	CALSITES (10/27/03)				
VC	VOLUNTARY CLEANUP PROGRAM (10/27/03)				
FE	PROPERTIES NEEDING FURTHER EVALUATION (10/27/03)				
RF	REFERRED UNCONFIRMED PROPERTIES (10/27/03)				
CS-rfa	CALSITES - NO FURTHER ACTION (10/27/03)				
CS	CORTESE (10/03)				
LUST	LEAKING UNDERGROUND STORAGE TANKS (11/03)				
	0 No action	3B	Prel site assmnt underway	7	Remedial action underway
	1 Leak being confirmed	5C	Pollution characterization	8	Post remedial action monitoring
	3A Site workplan submitted	5R	Remediation plan	9	Case closed
SWIS	SOLID WASTE INFORMATION SYSTEM (11/03)				
WIP	WELL INVESTIGATION PROGRAM				
WQ	DRINKING WATER PROGRAM				
SC	SCHOOL PROPERTY EVALUATION PROGRAM (10/27/03)				
NT	TOXIC RELEASES				
TP	TOXIC PITS (01/03)				
SR	SOLID WASTE ASSESSMENT TEST - REGIONAL (01/03)				
RCRA	RCRA GENERATORS (09/04)				
	L Large Generator	T	Transporter	S	Small Generator
SARA	SARA TITLE III, SECTION 313 (TRIS) (2003)				
Nucl	NUCLEAR REGULATORY COMMISSION LICENSEES (09/04)				
PCB	PCB WASTE HANDLERS DATABASE (09/04)				
PCS	PERMIT COMPLIANCE SYSTEM (PCS) (09/04)				
AFS	AIRS FACILITY SYSTEM (AFS) (09/04)				
PE	SECTION SEVEN TRACKING SYSTEM (09/04)				
FIFRA	FIFRA/TSCA TRACKING SYSTEM (09/04)				
FIFS	FEDERAL FACILITIES INFORMATION SYSTEM (FFIS) (09/04)				
CICIS	CHEMICALS IN COMMERCE INFORMATION SYSTEM (09/04)				
FN	FINDS EPA FACILITY INDEX SYSTEM (09/04)				
HWIS	HAZARDOUS WASTE INFORMATION SYSTEM (1984-2003)				
UST	UNDERGROUND STORAGE TANKS				

INTRODUCTION

BBL has used its best effort but makes no claims as to the completeness or accuracy of the referenced government sources or the completeness of the search. Our records are frequently updated but only as current as their publishing date and may not represent the entire field of known or potential hazardous waste or contaminated sites. To ensure complete coverage of the subject property and surrounding area, sites may be included in the list if there is any doubt as to the location because of discrepancies in map location, zip code, address, or other information in our sources. For additional information call 858 793-0641.

In accordance with ASTM E-1527-00, the following government sources have been searched for sites at the street address, unless otherwise stated, of the subject location.

FEDERAL SOURCES

NPL National Priority List

EPA has prioritized sites with significant risk to human health and the environment. These sites receive remedial funding under the Comprehensive Environmental Response Conservation and Liability Act (CERCLA).

No listings within 1 mile radius of the subject site.

CERCLIS Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS is a database used by the EPA to track activities conducted under the Comprehensive Environmental Response and Liability Act CERCLA (1980) and the amendment the Superfund Amendments and Reauthorization Act SARA (1986).

Sites to be included are identified primarily by the reporting requirements of hazardous substances Treatment, Storage and Disposal (TSD) facilities and releases larger than specific Reportable Quantities (RQ), established by EPA.

Using the National Oil and hazardous Substance Pollution Contingency Plan(National Contingency Plan) the EPA set priorities for cleanup.

The EPA rates National Contingency Plan sites according to a quantitative Hazard Ranking System (HRS) based on the potential health risk via any one or more pathways: groundwater, surface water, air, direct contact, and fire/explosion.

The EPA and state agencies seek to identify potentially responsible parties(PRP) and ultimately Responsible Parties (RP) who can be required to finance cleanup activities, either directly or through reimbursement of federal Superfund expenditures.

This list has been researched within 1 mile radius of the subject site.

Site: FIRST AVENUE CLEANERS
Address: 1082 E 1ST AVE
City: CHICO

Map Loc: 2 - about 2.13 mile NW of the subject
Status: EPA ID#: CAD983567439

Discovery of this Hazardous Waste site was brought to EPA's attention on 09/24/90. The Preliminary Assessment, consisting of collecting and documenting existing information about the source and nature of the site hazard was completed on 11/12/91. On 12/15/93, a screening Site Inspection was completed, collecting site data and samples to characterize the severity of the hazard to support the ranking and enforcement of the clean-up required.

NFRAP No Further Remedial Action Planned sites (CERCLIS)

As of February 1995, CERCLIS sites designated 'No Further Remedial Action Planned' NFRAP have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the site being placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.

EPA has removed these NFRAP sites from CERCLIS to lift unintended barriers to the redevelopment of these properties. This policy change is part of EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens promote economic redevelopment of unproductive urban sites.

This list has been researched within 1 mile radius of the subject site.

Site: CHICO WELL FIELD
Address: SPREAD OVER CITY OF CHICO
City: CHICO
Status: EPA ID#: CAD980884407

Discovery of this Hazardous Waste site was brought to EPA's attention on 12/01/84. On 12/01/84, a screening Site Inspection was completed, collecting site data and samples to characterize the severity of the hazard to support the ranking and enforcement of the clean-up required. The Preliminary Assessment, consisting of collecting and documenting existing information about the source and nature of the site hazard was completed on 12/01/84. A numeric estimate of the relative severity of a hazardous substance release and its potential, computed using the Hazard Ranking System, was established on 08/01/87. An additional Site Inspection on 01/03/90.

FEDFAC Federal Facilities

As part of the CERCLA program, federal facilities with known or suspected environmental problems, the Federal Facilities Hazardous Waste Compliance Docket is tracked separately to comply with a Federal Court order.

No listings within 1 mile radius of the subject site.

ERNS Emergency Response Notification System

The ERNS is a national computer database used to store information on unauthorized releases of oil and hazardous substances. The program is a cooperative effort of the Environmental Protection Agency, the Department of Transportation Research and Special Program Administration's John Volpe National Transportation System Center and the National Response Center.

There are primarily five Federal statutes that require release reporting the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) section 103; the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304; the Clean Water Act of 1972(CWA) section 311(b)(3); and the Hazardous Material Transportation Act of 1974(HMTA section 1808(b).

This list has been researched within half of a mile radius of the subject site.

Site: MUNICIPAL SERVICE CORP/CHICO
Address: E 9TH & FIR
City: CHICO
Map Loc: 17 - about 1.43 mile W of the subject
Status: 8900017393 500 GAL of DIESEL (07/24/1989)

E 9TH ST & FIR
CAOES-89-07111

HMIRS Hazardous Material Incident Report System

The Hazardous Material Report Incident Report Subsystem HMIRS of the Research and Special Programs Administration (RSPA) Hazardous Material Information System was established in 1971 to fulfill the requirements of the Federal hazardous material transportation law. Part 171 of Title 49, Code of Federal Regulations (49 CFR) contains the incident reporting requirements of carriers of hazardous materials. An unintentional release of hazardous materials meeting the criteria set forth in Section 171.16, 49 CFR, must be reported on DOT Form 5800.1. The data from the reports received are subsequently entered in the HAZMAT database.

No listings within the street address of the subject site.

SETS Site Enforcement Tracking System (SETS)

When expanding Superfund monies at a CERCLA (Comprehensive Environmental Response, Compensation and Liability Act) Site, EPA must conduct a search to identify parties with potential financial responsibility for remediation of uncontrolled hazardous waste sites. EPA regional Superfund Waste Management Staff issue a notice letter to the potentially responsible party (PRP). The status field contains the EPA ID number and name of the site where the actual pollution occurred.

This list has been researched within 1 mile radius of the subject site.

Site: CHICO UNIFIED SCHOOL DISTRICT
Address: 1163 E 7TH ST
City: CHICO
Map Loc: 14 - about 1.89 mile W of the subject
Status: id: 06322
CAD980736151 PURITY OIL SALES INC notice date 3/09/94

DO Enforcement Docket System (DOCKET)/Consent Decree Tracking System (CDETS)

DOCKET tracks civil judicial cases against environmental polluters, while CDETS processes court settlements, called consent decrees.

No listings within half of a mile radius of the subject site.

CD Criminal Docket System (C-DOCKET)

The Criminal Docket System is a comprehensive automated system for tracking criminal enforcement actions. C-Docket handles data for all environmental statues and tracks enforcement actions from the initial stages of investigations through conclusion.

No listings within half of a mile radius of the subject site.

RCRA RCRA Violators List (CORRACTS)

The Resource Conservation and Recovery Act of 1976 provides for "cradle to grave" regulation of hazardous wastes. RCRA requires regulation of hazardous waste generators, transporters, and storage/treatment/disposal sites. Evaluation to potential violations, ranging from manifest requirements to hazardous waste discharges, is typically conducted by the US EPA. This database is also known as Corrective Action Report (CORRACTS)

If enforcement is required, it is typically delegated to a state agency.

No listings within 1 mile radius of the subject site.

RCRA-D Resource Conservation and Recovery Information System - Treatment, Storage & Disposal

The Environmental Protection Agency regulates the treatment, storage and disposal of hazardous material through the Resource Conservation and Recovery Act (RCRA). All hazardous waste TSD facilities are required to notify EPA of their existence by submitting the Federal Notification of Regulated Waste Activity Form (EPA Form 8700-12) or a state equivalent form as well as part A (EPA form 8700-23) and Part B of their Hazardous Waste Permit Application.

Status Codes:	I	Incinerator
	T	Storage/Treatment facility other than Incinerator
	D	Land Disposal Facility

No listings within 1 mile radius of the subject site.

FD Federal Enforcement Dockets

The US EPA, Office of Enforcement, maintains a list of sites under enforcement by the US EPA.

No listings within 1 mile radius of the subject site.

CALIFORNIA STATE SOURCES

AW Annual Work Plan (previously known as Bond Expenditure Plan)

The California Health and Safety code, as amended by AB 129, requires the California Environmental Protection Agency to develop a site-specific expenditure plan as the basis for an appropriation of California Hazardous Substance Cleanup Bond Act of 1984 funds.

The Agency is also required to update the report annually and report any significant adjustments to the Legislature on an ongoing basis. The plan identifies California hazardous waste sites targeted for cleanup by responsible parties, the California and the Federal Environmental Protection Agency over the next five years.

Status Codes:	BKLG	Backlog, Potential Annual Work Plan Site
	AWP	Active Annual Work Plan site
	COM	Certified, but still in Operation & Maintenance mode
	CERT	Certified after remediation
	DLST	Delisted from the AWP
	REFRC	Former AWP site referred to RCRA
	REFRW	Former AWP site referred to the Regional Water Quality Board

This list has been researched within 1 mile radius of the subject site.

Site: FIRST AVENUE CLEANERS
Address: 1082 E 1ST AVE
City: CHICO
Map Loc: 2 - about 2.13 mile NW of the subject
Status:

id: 04720002 062603 PERSONAL SERVICES

Actions:

I/SE, IORSE, FFA, FFSRA, VCA, EA (ISE) - completed on 08/30/90.

FINAL DETERMINATION OF NON-COMPLIANCE - completed on 10/31/90.

FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY (SRCE) - completed on 06/30/91.

DELISTED - completed on 01/05/96.

REMEDIAL INVESTIGATION / FEASIBILITY STUDY (SRCE) - is scheduled to be completed on 07/31/05.

First Avenue Cleaners, a former dry-cleaning business, used perchloroethylene (PCE) in its dry cleaning operations between 1960 and 1965. DTSC conducted soil gas tests which revealed high concentrations of PCE (+1100 ppb) behind the facility where a line exists that connects a floor drain to a septic tank and to a leach field. The First Avenue Cleaners site, presently an upholstery shop, has been identified as a source of groundwater contamination in the North Chico plume. A municipal well located 3 blocks from the site contains PCE concentrations in excess of the Maximum Contaminant Level (MCL). Potential PCE migration pathways include leaky sewer lines, direct contact with soils and the leach field behind the facility. Groundwater migration through a shallow sand/gravel aquifer toward downgradient municipal wells which have gravel packed liners and screens in lower aquifers. The nearby municipal well containing PCE concentrations in excess of the MCL is currently being treated with air stripping equipment. An Imminent or Substantial Endangerment Order was issued to the RP in August 1990. In October 1990, the RP was found in noncompliance with the Order because of being a non-viable party for liabilities. DTSC will use funds to stabilize the site.

(01/05/96) The site is delisted awaiting delisted documents from Region

(06/26/03) Site was proposed for delisting but the decision to delist was never approved by program staff because the Site lacks complete characterization.

(06/30/91) FRIFS (SRCE): Source investigation.

(07/18/91) Records Search: Former dry cleaning business. Contaminants include PCE.

Site: CITY OF CHICO PROPERTY
Address: BRUCE & HUMBOLDT RD, HWY 32
City: CHICO
Map Loc: 22 - about .41 mile SE of the subject
Status:

id: 04490014 030196 ELECTRIC, GAS & SANITARY SERVICES

Actions:

I/SE, IORSE, FFA, FFSRA, VCA, EA - completed on 03/09/92.

EXPEDITED RESPONSE ACTION (F&P) - completed on 01/06/93.

COST RECOVERY (SOF) - completed on 05/06/96.

COST RECOVERY (PSET1) - completed on 05/01/97.
COST RECOVERY (PSET2) - completed on 05/01/97.
COST RECOVERY (PSET3) - completed on 05/01/97.
COST RECOVERY (PSET4) - completed on 07/31/98.
COST RECOVERY (PSET5) - completed on 07/31/98.
COST RECOVERY (NFCRA) - completed on 10/27/98.
REMEDIAL INVESTIGATION / FEASIBILITY STUDY - completed on 09/16/02.
REMEDIAL INVESTIGATION / FEASIBILITY STUDY - completed on 06/30/03.
REMEDIAL ACTION PLAN / RECORD OF DECISION - is scheduled to be completed on 02/28/05.
DESIGN - is scheduled to be completed on 07/30/06.
REMEDIAL ACTION (RAP REQUIRED) - is scheduled to be completed on 07/30/08.

The Humboldt Road Burn Dump (Site) is located on approximately 157 acres near the intersections of Bruce Road, Humboldt Road and Highway 32 in Chico, California. The City of Chico owned and operated the landfill/burn dump from the early 1900s to approximately 1965 when the Butte County Neal Road landfill was opened. Smaller scale illegal dumping is believed to have continued at the Site beyond 1965. The Site consists of a primary disposal area, which has been covered with an unknown depth of soil, and other exposed disposal piles scattered over 13 parcels. Excavation and grading occurred through portions of the Site in 1982 related to installation of a sewer system and in 1986 related to the extension of Bruce Road. The Site is now bisected by Bruce Road with portions extending 700 feet west of Bruce Road and 4000 feet east of Bruce Road. Undeveloped and open rangeland are the predominant land uses surrounding the Site, with residences approximately 1500 feet away and a junior high school within 2000 feet. The south branch of Dead Horse Slough is the principal drainage for the Site. It originates in the foothills east of Chico, and flows into Little Chico Creek approximately 2 miles west of the Site. Little Chico Creek passes through the urban center of the City of Chico. Dead Horse Slough is an intermittent stream which meanders through the landfill refuse and contamination. DTSC issued Fence and Post Orders to current owners of the land where the landfill once operated and to adjacent landowners who's property is believed to have been effected by lead from the landfill. Those properties are now fenced and the owners are obligated to maintain the fencing. The intent of the fencing is to limit direct contact of humans and livestock to soil that has significantly elevated lead concentrations. Analysis of soil samples collected from the Site indicated that lead is the primary contaminant of concern with elevated levels throughout the entire Site. Other chemicals detected in soil include arsenic, antimony, dieldrin (a pesticide) and low concentrations of dioxin. At the request of the City of Chico, the HRBD is being investigated and remediated in accordance with the Site Designation Process under Assembly Bill (AB) 2061. Pursuant to AB 2061 the Central Valley Regional Water Quality Control Board (RWQCB) has been designated as the Administering Agency for coordinating and administering all state and local laws, ordinances, regulations, and standards governing the response to hazardous substances releases. DTSC, as a support agency under AB 2061, is providing technical and process consultation to the Administering Agency. At the request of the RWQCB, DTSC is also providing public participation and toxicology support.

(01/14/92) City property sampled by DTSC in December 1990. Excess levels of lead and zinc detected. Recommend fence and post to prevent public access.

(03/01/96) RWQCB is providing oversight of consolidation of burn dump material.

(03/09/92) Fence and Post Order (F&PO) issued to secure site access.

(05/01/97) COST/PSET1 - First consent decree for \$56K was signed by the judge on 5/1/97. Six defendants settled their past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96. COST/PSET2 - Second consent decree for \$60K was signed by the judge on 5/1/97. Two defendants settled past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96. COST/PSET3 - Third consent decree for \$17.5K was signed by the judge on 5/1/97. One defendant settled past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96.

(05/06/96) COST Statement of Facts (SOF) - Prepared and transmitted to Office of Legal Counsel and Attorney General's office. SOF includes Scott Property, Johnson Property, Lichty Property, Southern Adjustment Bureau Property, Mulkey Property, Rossellini Property, West Property, Dunn Property, and City of Chico Property as identified in CalSites. COST activity to be specified in all these profile reports.

(07/31/98) COST/PSET4&5 - CONSENT DECREE FOR \$40K WAS SIGNED BY THE JUDGE AND RECORDED ON 7/31/98. TWO DEFENDENTS SETTLED THEIR PAST COST OBLIGATIONS WITH DTSC. DTSC'S CLAIM WAS FOR \$234K THROUGH 3/96.

(09/16/02) RIFS - The Department of Toxic Substances Control and the Central Valley Regional Water Quality Control Board have approved a Remedial Investigation/Feasibility Study for the Humboldt Road Burn Dump. The RI/FS presents the results of Hazardous Substances releases and an evaluation of remedial alternatives. The proposed alternative is to consolidate and cap hazardous substances on site.

(10/27/98) COST/NFCRA - NO FURTHER COST RECOVERY ACTION IS REQUIRED FOR THE OLD CITY OF CHICO LANDFILL AND SURROUNDING PROPERTIES. ALL DEFENDANTS SETTLED PAST COST OBLIGATIONS IN THE AMOUNT OF \$178K IN FIVE CONSENT DECREES.

(12/31/92) The City of Chico has complied with F&PO issued March 9, 1992. Property was fenced to prevent direct contact with soils which have elevated and hazardous levels of lead.

Site: CHICO GROUNDWATER - SOUTHWEST

Address: CHICO AREA GROUNDWATER
City: CHICO
Status:

id: 04990002 081403 NONCLASSIFIABLE ESTABLISHMENTS

Actions:

REMOVAL ACTION (H2OLN) - completed on 08/06/91.

REMOVAL ACTION (WELL) - completed on 01/30/92.

FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY - completed on 06/30/92.

FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY - completed on 08/16/93.

COST RECOVERY (SOF) - completed on 10/15/99.

REMEDIAL INVESTIGATION / FEASIBILITY STUDY (IDZA) - is scheduled to be completed on 07/31/05.

The site known as Chico Area Groundwater has been divided into two distinct sites; the Central Plume, and the Southwest Plume with separate investigations and remediations planned. The Central Plume is further subdivided into two source area remediations; Flair Custom Cleaners and Esplanade Cleaners, where separate focused RI/FS and RA's will be performed. The Southwest Plume contains perchloroethylene (PCE) concentrations exceeding the maximum contaminant level (MCL) of 5.0 parts per billion (ppb) in one municipal well and 10 private wells in Southwest Chico. The plume extends about two miles in length and seven blocks in width. The plume originated from former dry cleaners and RPs have been identified. Very low concentrations of PCE have been detected in soil gas at two sewer manholes. The former dry cleaner operators, upgradient in this plume, informed DTSC that PCE waste fluids were disposed in the sanitary sewer. Soil gas tests taken by DTSC in very low concentrations of PCE (1-3 ppb) at those sites. Potential migration pathways include leaky sewerlines, dry wells and storm drains into a shallow water table, municipal wells and private wells. Soil gas tests are complete and have identified PRP's for this plume. The sources identified are the former College Cleaners and Payless Cleaners facilities.

(01/30/92) RA 2 completed. GAC wellhead treatment to remove PCE from groundwater and provide residents with clean drinking water in Southwest Chico. System designed to pump and filter approximately 1 million gallons of water per day. California Water Service Company will own and operate the system.

(08/06/91) On this date, RA #1 which was planned for 12/31/91 was completed. A waterline was provided and 14 residents with contaminated private wells were hooked up. This was accomplished by DTSC contract with California Water Service Company. The project included fire hydrants and backflow preventors per State water code requirements. DTSC paid for hookups where PCE concentrations exceeded the MCL. The work started May 6, 1991 and was completed August 6, 1991.

(08/15/03) RIFS - In January 2001, the Responsible Party's (RP's) for Payless Cleaners reinstated quarterly sampling of the existing eight (8) monitoring wells on this Site. In October 2001, the RP's concluded an Initial Site Investigation (ISI) which involved the collection of 285 soil-gas samples and 84 grab groundwater samples from the shallow aquifer. PCE was detected in six (6) soil-gas samples and 28 grab groundwater samples. Based on the information gathered in the ISI, the RP's are currently installing eight (8) new monitoring wells in the shallow aquifer. In August 2003, the RP's submitted a work plan for the installation of three (3) additional monitoring wells in the intermediate aquifer and six (6) monitoring wells in the deep aquifer. It is anticipated that the work of installing the deep and intermediate zone monitoring wells will begin in September 2003.

(08/16/93) FRI/FS - Characterized Southwest Chico PCE Plume and confirmed Payless Cleaners and College Cleaners as sources of contamination. Completed FRI/FS Report. APPROX COST = \$31,777.00 (HSA)

(10/15/99) COST/SOF - DTSC has written a Statement of Facts and forwarded it to the California Attorney General's office, regarding a possible cost recovery action for expenditures relating to the Payless Cleaners Site which has also been known as the Chico Groundwater - Southwest Plume. The task involved a complete records search and compilation of the relevant data into DTSC's Statement of Facts format. The Statement of Facts was also reviewed by the DTSC legal staff before being forwarded to the Attorney General's Office.

(11/01/89) EPA completed reassessment of Screening Site Inspection of Chico Well Field. The site consists of fourteen wells found to have volatile organic compound (VOC) contamination. There are many potential and/or suspected sources of this contamination. Other contaminants include PCE.

Site: CHICO GROUNDWATER - CENTRAL PL
Address: CHICO AREA GROUNDWATER
City: CHICO
Status:

id: 04990003 061397 NONCLASSIFIABLE ESTABLISHMENTS

Actions:

REMOVAL ACTION (WELLS) - completed on 07/01/90.

REMEDIAL ACTION PLAN / RECORD OF DECISION (GW1) - is scheduled to be completed on 07/31/05.

DESIGN (GW1) - is scheduled to be completed on 07/31/05.

REMEDIAL ACTION (RAP REQUIRED) (GW1) - is scheduled to be completed on 07/31/07.

CERTIFICATION - is scheduled to be completed on 07/31/08.

COST RECOVERY (SOF) - completed on 04/21/99.

OPERATION & MAINTENANCE - is scheduled to be completed on 07/31/28.

The site known as Chico Area Groundwater has been divided into two distinct "sites" with separate investigations and remediations planned. The Central Plume is the largest groundwater plume in the Chico area. The plume contains concentrations of perchloroethylene (PCE) as high as 250 parts per billion (ppb). Two impacted public wells were taken out of service in 1985 and abandoned by California Water Service in July 1990. DHS installed monitoring wells in 1988, which showed that both drinking water aquifers are contaminated. Three aquifers have been impacted by PCE. Potential migration pathways are leaky sewer lines, dry wells and disposal to the ground. Samples from both municipal and private wells show a large lateral extension of contamination. DTSC has identified 2 dry cleaners with high levels of PCE soil contamination which are considered contributors to the ground-water PCE plume. These dry cleaners are: Flair Custom Cleaners and Esplanade Cleaners. Since the RPs at these sites have failed to comply with DHS's I/SE Orders, DTSC has conducted focused RI/FS and removal action activities. In July 1995, DTSC installed a two well pump and treat system as an Interim Remedial Measure (IRM) to provide source control with the aquifer immediately down gradient from Flair Custom Cleaners. The system continues to remove significant amount of PCE from the aquifer and appears to have been a significant factor in stabilizing the plume. In December 1999, consultants for Esplanade Cleaners began work on characterizing the nature and extent of contamination in the deep aquifer. They have added seven (7) new monitoring wells in the deep aquifer and performed quality monitoring on all the intermediate and deep intermediate aquifer wells since 1999.

(02/01/99) Alternative draft RAP for Central Plume.

(07/01/90) Removal Action: Abandonment of wells 2 & 10.

(07/01/95) DTSC installed a two well GAC treatment system as an Interim Remedial Measure to provide source control.

(08/01/93) DTSC issues Final RI/FS for Intermediate Aquifer-Central Plume.

(10/11/95) DTSC issues draft RAP for Intermediate Aquifer-Central Plume.

(11/01/89) EPA completed Reassessment of Screening Site Inspection of Chico Well Field. The site consists of fourteen wells found to have volatile organic compound (VOC) contamination. There are many potential and/or suspected sources of this contamination. Site is part of regional groundwater contamination with PCE.

Site: CHICO SCRAP METAL YARD
Address: 1197 HUMBOLDT RD
City: CHICO
Map Loc: 30 - about 1.77 mile SW of the subject
Status:

id: 04500009 010190 WHOLESALE TRADE - DURABLE GOODS

Actions:

DISCOVERY - completed on 10/21/82.

The City of Chico purchased the Site in 1983 and worked with DHS to address heavy metals and polychlorinated biphenyls soil contamination. Using a DHS approved workplan, the City removed approximately 200 cubic yards of soil in 1985. Fill material was imported to the Site and the Site was graded. DHS told the City that the Site had been recommended for delisting. The delisting procedures changed, and DHS determined that additional confirmation sampling was required. DHS sampled the Site on three separate occasions and the analysis revealed that the Site had random areas of elevated metals contamination. In 1987 DHS recommended that a deed restriction be placed on the use of the property and that the removal of the random contamination would not be cost effective. In 1988 the City of Chico requested and received DHS's requirements for a removal of the contaminated soil.

(01/01/85) This is the date the site was first listed AWP pursuant to Section 25356.

(02/22/89) HAZD. RANKING SCORE 13.57 TIER 3

(05/09/83) FACILITY DRIVE-BY LOOKS CONTINUOUS WITH 1171 HUMBOLDT ACTIVE, FENCED, CAN'T SEE MUCH

(05/13/83) QUESTIONNAIRE SENT

(05/15/91) NOT ON 90/91 AWP. STATUS NEEDS TO BE DET

(05/16/83) QUEST. SENT (HUMBOLDT)

(05/23/83) QUEST. RETURNED UNDELIVERABLE (HUMBOLDT)

(05/24/99) SS DONE UNDER PA/SI GRANT. RECOMMENDATION IS FURTHER SI UNDER DTSC LEAD. NEEDS SAMPLING OF LITTLE CHICOCREEK FOR METAL CONTAMINATION AND A DEED RESTRICTION ON THE PARCEL TO PREVENT RESIDENTIAL DEVELOPMENT.

- (05/31/83) Q. RETURNED-""NO WASTE""
- (06/02/83) COUNTY ENV'L HEALTH-CITY OWNS PROP.
- (06/07/89) SITE IS ON 1989 BOND EXPENDITURE PLAN
- (06/16/83) CHICO FIRE DEPT - HISTORY OF PROBLEMS PROPERTY OWNED BY CITY, WILL BE PARK
- (06/17/83) FINAL STRATEGY NEEDS A.S.P. SAMPLING
- (10/21/82) FACILITY IDENTIFIED ID FROM 1982 PHONE BOOK
- (10/25/96) Site requires deed restriction on land use or removal of random areas of metals contamination. Site has Tier 3 (low priority) status on backlog.
- (11/09/83) CITY OF CHICO - BEING CLEANED UP BY CONTRACTOR.
- (11/14/83) FINAL STRATEGY SITE REFERRED: TO PS&E

CALS CALSITES

The Site Mitigation and Brownfields Reuse Database (CALSITES) identifies certain potential hazardous waste sites. The identification of these sites were generally not made via sampling and site characterization, they were made as a result of file searches and windshield surveys. Some of the sites may have had a site inspection with sampling.

The information has been compiled into this database by the California Environmental Protection Agency, Department of Toxic Substance Control (DTSC) in accordance with Section 25359.6 of the California Health and Safety Code.

This database was previously known as The Abandoned Sites Program Information System ASPIS.

Status Codes:	PEARL	Preliminary Endangerment Assessment Required,Low priority
	PEARM	Preliminary Endangerment Assessment Required,Medium priority
	PEARH	Preliminary Endangerment Assessment Required,High priority
	SSR	Site Screening Required
	HRR	Hazard Ranking Required
	PRPR	Potential Responsible Party Search Required
	EPA	EPA is the lead agency
	RCRA	Mitigated under the RCRA permitting program
	RWQCB	Mitigated under the lead of the Regional Water Quality Board
	CNTY	County lead
	OAL	Other Agency lead

No listings within 1 mile radius of the subject site.

VCP Voluntary Cleanup Program

This category contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have requested that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Status Codes:	VCP	Property with either confirmed or unconfirmed releases and project proponents have requested that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSCs costs.
	VCOMP	The scope of work in the VCP Agreement has been completed.
	PEAP	Preliminary Endangerment Assessment in Progress.
	NFA	No Further Action Required
	VTERM	VCP agreement Terminated was terminated prior to the completion of the scope of work in the agreement.

BZHW Border Zone/Hazardous Waste Properties chapter 6.5 of the Health and Safety Code, commencing with section 25220.
COM Certified, but still in Operation & Maintenance mode
CERT Certified after remediation
HWDLU Hazardous Waste Disposal Land Use with a voluntary deed restrictions.
NA CalMortgage Properties. DTSC is conducting a Phase I Assessment

This list has been researched within half of a mile radius of the subject site.

Site: HIGNALL DEVELOPMENT
Address: BRUCE RD
City: CHICO
Status: NFA - No Further Action for DTSC

04000002 101700 PROPERTIES THAT DO NOT HAVE SIC CODES

Site: HIGNALL DEVELOPMENT
Address: BRUCE RD
City: CHICO
Status: NFA - No Further Action for DTSC

04000002 101700 PROPERTIES THAT DO NOT HAVE SIC CODES

Site: OLD FARM ESTATES BRUCE ROAD
Address: NW INTERSECTION OF HWY 32 & BRUCE RD
City: CHICO
Map Loc: 36 - about .06 mile SE of the subject
Status: VCOMP

04000003 020801 PROPERTIES THAT DO NOT HAVE SIC CODES

FE Properties Needing Further Evaluation

This category of The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process.

Status Codes: PEAP Preliminary Endangerment Assessment (PEA) in Progress
PEAR Preliminary Endangerment Assessment (PEA) is Required
RR Removal Action Required

No listings within half of a mile radius of the subject site.

REF Referred Unconfirmed Properties

This category of The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Status Codes: REFRW Referred to Regional Water Quality Control Board
REFRC Referred to DTSC's Hazardous Waste Program (RCRA).
REFOA Referred to other agencies.

This list has been researched within half of a mile radius of the subject site.

Site: WEST PROPERTY
Address: BRUCE & HUMBOLDT RD

City: CHICO
Map Loc: 22 - about .41 mile SE of the subject
Status: REFRW - Referred to the Regional Water Quality Board

04490017 030196 ELECTRIC, GAS & SANITARY SERVICES

Site: JOHNSON PROPERTY
Address: BRUCE & HUMBOLDT RD
City: CHICO
Map Loc: 22 - about .41 mile SE of the subject
Status: REFRW - Referred to the Regional Water Quality Board

04490012 030196 ELECTRIC, GAS & SANITARY SERVICES

Site: ROSELLINI PROPERTY
Address: BRUCE & HUMBOLDT RD, HWY 32
City: CHICO
Map Loc: 22 - about .41 mile SE of the subject
Status: REFRW - Referred to the Regional Water Quality Board

04490013 030196 ELECTRIC, GAS & SANITARY SERVICES

Site: MULKEY PROPERTY
Address: BRUCE & HUMBOLDT RD, HWY 32
City: CHICO
Map Loc: 22 - about .41 mile SE of the subject
Status: REFRW - Referred to the Regional Water Quality Board

04490018 030196 ELECTRIC, GAS & SANITARY SERVICES

Site: DUNN PROPERTY
Address: BRUCE & HUMBOLDT RD, NEC HWY 32
City: CHICO
Map Loc: 22 - about .41 mile SE of the subject
Status: REFRW - Referred to the Regional Water Quality Board

04490015 030196 ELECTRIC, GAS & SANITARY SERVICES

Site: SOUTHERN ADJUSTMENT BUREAU
Address: BRUCE & HUMBOLDT RD
City: CHICO
Map Loc: 22 - about .41 mile SE of the subject
Status: REFRW - Referred to the Regional Water Quality Board

04490016 030196 ELECTRIC, GAS & SANITARY SERVICES

Site: SCOTT PROPERTY
Address: BRUCE ROAD & HUMBOLDT RD, HWY 32
City: CHICO
Map Loc: 23 - about .45 mile SE of the subject
Status: REFRW - Referred to the Regional Water Quality Board

04490011 030196 ELECTRIC, GAS & SANITARY SERVICES

Site: OLD CHICO LANDFILL
Address: HUMBOLDT RD, 1/4 MI FROM XING W/BRUCE RD
City: CHICO
Status: REFRW - Referred to the Regional Water Quality Board

04490011 030196 ELECTRIC, GAS & SANITARY SERVICES

This section includes the sites on the Calsite list, which have been flagged for no further action by the California Environmental Protection Agency, Department of Toxic Substance Control (DTSC) in accordance with Section 25359.6 of the California Health and Safety Code.

Status Codes: NFA No Further Action for DTSC
RED Closed Case marked for removal from list

This list has been researched within half of a mile radius of the subject site.

Site: SIGLER PEST & TERMITE CONTROL
Address: 1385 E 9TH ST,PO BOX 1746
City: CHICO
Map Loc: 21 - about 1.61 mile SW of the subject
Status:

id: 0473001705251983 73 00 00

FACILITY IDENTIFIED ID ED FROM 82 PHONE BOOK (10/21/82)
Q RETURNED-NO WASTE (05/24/83)

Site: HUMBOLDT ROAD DUMP
Address: BRUCE & HUMBOLDT RD
City: CHICO
Map Loc: 22 - about .41 mile SE of the subject
Status:

id: 04490011 030196 ELECTRIC, GAS & SANITARY SERVICES

Actions:

I/SE, IORSE, FFA, FFSRA, VCA, EA - completed on 03/09/92.
EXPEDITED RESPONSE ACTION (F&P) - completed on 08/13/93.
COST RECOVERY (SOF) - completed on 05/06/96.
COST RECOVERY (PSET1) - completed on 05/01/97.
COST RECOVERY (PSET2) - completed on 05/01/97.
COST RECOVERY (PSET3) - completed on 05/01/97.
COST RECOVERY (PSET5) - completed on 07/31/98.
COST RECOVERY (PSET4) - completed on 07/31/98.
COST RECOVERY (NFCRA) - completed on 10/27/98.

(03/01/96) RWQCB is providing oversight of consolidation of burn dump material.

(03/09/92) Fence and Post Order issued to secure site access.

(05/01/97) COST/PSET1 – First consent decree for \$56k was signed by the judge on 5/1/97. Six defendants settled their past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96. COST/PSET2 – Second consent decree for \$60K was signed by the judge on 5/1/97. Two defendants settled past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96. COST/PSET3 – Third consent decree for \$17.5K was signed by the judge on 5/1/97. One defendant settled past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96.

(05/06/96) COST-Statement of Facts(SOF) prepared and transmitted to Office of Legal Counsel and Attorney General's office. Statement of Facts include Scott Property, Johnson Property, Lichy Property, Southern Adjustment Bureau Property, Mulkey Property, Rossellini Property, West Property, Dunn Property, and City of Chico Property as identified in CalSites. COST Activity to be specified in all these profile reports.

(07/31/98) COST/PSET4&5 – CONSENT DECREE FOR \$40k WAS SIGNED BY THE JUDGE AND RECORDED ON 7/31/98. TWO DEFENDENTS SETTLED THEIR PAST COST OBLIGATIONS WITH DTSC. DTSC'S CLAIM WAS FOR \$234K THROUGH 3/96.

(08/13/93) Property has been fenced and posted by DTSC. The owner failed to comply with issued F&P Order.

(10/27/98) COST/NFCRA – NO FURTHER COST RECOVERY ACTION IS REQUIRED FOR THE OLD CITY OF CHICO LANDFILL AND SURROUNDING PROPERTIES. ALL DEFENDANTS SETTLED PAST COST OBLIGATIONS IN THE AMOUNT OF \$178K IN FIVE CONSENT DECREES.

(12/30/91) Site sampled by DTSC 09/91 and found to contain levels of lead and zinc which exceed Total threshold limit concentration. Recommend site be fenced and posted to prevent public access.

1.8 MILE OF SR 32 1000 FT E OF
HWY 99, CHICO

Page: 13
Date: 10-12-2005
Job: TABS3420

Site: ROSELLINI PROPERTY
Address: BRUCE & HUMBOLDT RD
City: CHICO
Map Loc: 22 - about .41 mile SE of the subject
Status:

id: 04490013 030196 ELECTRIC, GAS & SANITARY SERVICES

Actions:

I/SE, IORSE, FFA, FFSRA, VCA, EA - completed on 03/09/92.
EXPEDITED RESPONSE ACTION (F&P) - completed on 08/13/93.
COST RECOVERY (SOF) - completed on 05/06/96.
COST RECOVERY (PSET1) - completed on 05/01/97.
COST RECOVERY (PSET2) - completed on 05/01/97.
COST RECOVERY (PSET3) - completed on 05/01/97.
COST RECOVERY (PSET4) - completed on 07/31/98.
COST RECOVERY (PSET5) - completed on 07/31/98.
COST RECOVERY (NFCRA) - completed on 10/27/98.

(01/14/92) Rosellini property sampled by DTSC in December 1990. Excess levels of lead and zinc were detected on parcel 011-003-129. Subsequent assessment activity completed by owner finding contamination on parcels 011-003-112 & 011-003-089.

(03/01/96) RWQCB is providing oversight of consolidation of burn dump material.

(03/09/92) Fence and Post (F&P) Order issued to secure site access.

(05/01/97) COST/PSET1 – First consent decree for \$56K was signed by the judge on 5/1/97. Six defendants settled their past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96. COST/PSET2 – Second Consent decree for \$60K was signed by the judge on 5/1/97. Two defendants settled past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96. COST/PSET3 – Third consent decree for \$17.5K was signed by the judge on 5/1/97. One defendant settled past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96.

(05/06/96) COST Statement of Facts (SOF) - Prepared and transmitted to Office of Legal Counsel and Attorney General's office. SOF includes Scott Property, Johnson Property, Lichty Property, Southern Adjustment Bureau Property, Mulkey Property, Rossellini Property, West Property, Dunn Property, and City of Chico Property as identified in CalSites. COST activity to be specified in all these profile reports.

(07/31/98) COST/PSET4&5 – CONSENT DECREE FOR \$40K WAS SIGNED BY THE JUDGE AND RECORDED ON 7/31/98. TWO DEFENDENTS SETTLED THEIR PAST COST OBLIGATIONS WITH DTSC. DTSC'S CLAIM WAS FOR \$234K THROUGH 3/96.

(08/13/93) The property has been fenced and posted by DTSC. The owner failed to comply with issued F&P Order.

(10/27/98) COST/NFCRA – NO FURTHER COST RECOVERY ACTION IS REQUIRED FOR THE OLD CITY OF CHICO LANDFILL AND SURROUNDING PROPERTIES. ALL DEFENDANTS SETTLED PAST COST OBLIGATIONS IN THE AMOUNT OF \$178K IN FIVE CONSENT DECREES.

Site: CHICO DEVELOPMENT INC.
Address: BRUCE & HUMBOLDT RD
City: CHICO
Map Loc: 22 - about .41 mile SE of the subject
Status:

id: 04490016 030196 ELECTRIC, GAS & SANITARY SERVICES

Actions:

I/SE, IORSE, FFA, FFSRA, VCA, EA (F&P) - completed on 04/23/92.
EXPEDITED RESPONSE ACTION (F&P) - completed on 08/13/93.
COST RECOVERY (SOF) - completed on 05/06/96.
COST RECOVERY (PSET1) - completed on 05/01/97.
COST RECOVERY (PSET2) - completed on 05/01/97.
COST RECOVERY (PSET3) - completed on 05/01/97.
COST RECOVERY (PSET4) - completed on 07/31/98.
COST RECOVERY (PSET5) - completed on 07/31/98.
COST RECOVERY (NFCRA) - completed on 10/27/98.

(01/14/92) Property has not been sampled by DTSC; owner denied the Department access. Recommend further action to verify suspected contamination. Parcels 002-180-087 and 002-180-088.

(03/01/96) RWQCB is providing oversight of consolidation of burn dump material.

(04/23/92) Fence and post order issued. Docket number PF91-92-007.

(05/01/97) COST/PSET1 – First consent decree for \$56K was signed by the judge on 5/1/97. Six defendants settled their past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96. COST/PSET2 – Second consent decree for \$60K was signed by the judge on 5/1/97. Two defendants settled past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96. COST/PSET3 – Third consent decree for \$17.5K was signed by the judge on 5/1/97. One defendant settled past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96.

(05/06/96) COST Statement of Facts (SOF) - Prepared and transmitted to Office of Legal Counsel and Attorney General's office. SOF includes Scott Property, Johnson Property, Lichty Property, Southern Adjustment Bureau Property, Mulkey Property, Rosselini Property, West Property, Dunn Property, and City of Chico Property as identified in CalSites. COST activity to be specified in all these profile reports.

(07/31/98) COST/PSET4&5 – CONSENT DECREE FOR \$40k WAS SIGNED BY THE JUDGE AND RECORDED ON 7/31/98. TWO DEFENDENTS SETTLED THEIR PAST COST OBLIGATIONS WITH DTSC. DTSC'S CLAIM WAS FOR \$234K THROUGH 3/96.

(08/13/93) The property has been fenced and posted by DTSC. The owner failed to comply with issued F&P Order.

(10/27/98) COST/NFCRA – NO FURTHER COST RECOVERY ACTION IS REQUIRED FOR THE OLD CITY OF CHICO LANDFILL AND SURROUNDING PROPERTIES. ALL DEFENDANTS SETTLED PAST COST OBLIGATIONS IN THE AMOUNT OF \$178K IN FIVE CONSENT DECREES.

Site: DUNN PROPERTY
Address: BRUCE & HUMBOLDT RD, NEC
City: CHICO
Map Loc: 22 - about .41 mile SE of the subject
Status:

id: 04490015 030196 ELECTRIC, GAS & SANITARY SERVICES

Actions:

I/SE, IORSE, FFA, FFSRA, VCA, EA - completed on 03/09/92.
EXPEDITED RESPONSE ACTION (F&P) - completed on 08/13/93.
COST RECOVERY (SOF) - completed on 05/06/96.
COST RECOVERY (PSET1) - completed on 05/01/97.
COST RECOVERY (PSET2) - completed on 05/01/97.
COST RECOVERY (PSET3) - completed on 05/01/97.
COST RECOVERY (PSET4) - completed on 07/31/98.
COST RECOVERY (PSET5) - completed on 07/31/98.
COST RECOVERY (NFCRA) - completed on 10/27/98.

(01/14/92) Dunn property sampled by DTSC in December 1990. Excess levels on lead detected. Recommend fence and post to prevent public access.

(03/01/96) RWQCB is providing oversight of consolidation of burn dump material.

(03/09/92) Fence and Post Order (F&PO) issued to secure site access.

(05/01/97) COST/PSET1 – First consent decree for \$56K was signed by the judge on 5/1/97. Six defendants settled their past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96. COST/PSET2 – Second consent decree for \$60K was signed by the judge on 5/1/97. Two defendants settled past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96. COST/PSET3 – Third consent decree for \$17.5K was signed by the judge on 5/1/97. One defendant settled past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96.

(05/06/96) COST Statement of Facts (SOF) - Prepared and transmitted to Office of Legal Counsel and Attorney General's office. SOF includes Scott Property, Johnson Property, Lichty Property, Southern Adjustment Bureau Property, Mulkey Property, Rosselini Property, West Property, Dunn Property, and City of Chico Property as identified in CalSites. COST activity to be specified in all these profile reports.

(07/31/98) COST/PSET4&5 – CONSENT DECREE FOR \$40k WAS SIGNED BY THE JUDGE AND RECORDED ON 7/31/98. TWO DEFENDENTS SETTLED THEIR PAST COST OBLIGATIONS WITH DTSC. DTSC'S CLAIM WAS FOR \$234K THROUGH 3/96.

(08/13/93) FENCE & POST ORDER -- The owner fenced his property in compliance with F&PO. Approximately 600 feet of fence was installed along Bruce Road and Humboldt Road. Approximate cost was \$2,370.00 (RP paid).

(10/27/98) COST/NFCRA – NO FURTHER COST RECOVERY ACTION IS REQUIRED FOR THE OLD CITY OF CHICO LANDFILL AND SURROUNDING PROPERTIES. ALL DEFENDANTS SETTLED PAST COST OBLIGATIONS IN THE AMOUNT OF \$178K IN FIVE CONSENT DECREES.

Site: SCOTT PROPERTY
Address: BRUCE & HUMBOLDT RD
City: CHICO
Map Loc: 22 - about .41 mile SE of the subject
Status:

id: 04490011 030196 ELECTRIC, GAS & SANITARY SERVICES

Actions:

I/SE, IORSE, FFA, FFSRA, VCA, EA - completed on 03/09/92.
EXPEDITED RESPONSE ACTION (F&P) - completed on 08/13/93.
COST RECOVERY (SOF) - completed on 05/06/96.
COST RECOVERY (PSET1) - completed on 05/01/97.
COST RECOVERY (PSET2) - completed on 05/01/97.
COST RECOVERY (PSET3) - completed on 05/01/97.
COST RECOVERY (PSET5) - completed on 07/31/98.
COST RECOVERY (PSET4) - completed on 07/31/98.
COST RECOVERY (NFCRA) - completed on 10/27/98.

(03/01/96) RWQCB is providing oversight of consolidation of burn dump material.

(03/09/92) Fence and Post Order issued to secure site access.

(05/01/97) COST/PSET1 – First consent decree for \$56k was signed by the judge on 5/1/97. Six defendants settled their past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96. COST/PSET2 – Second consent decree for \$60K was signed by the judge on 5/1/97. Two defendants settled past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96. COST/PSET3 – Third consent decree for \$17.5K was signed by the judge on 5/1/97. One defendant settled past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96.

(05/06/96) COST-Statement of Facts(SOF) prepared and transmitted to Office of Legal Counsel and Attorney General's office. Statement of Facts include Scott Property, Johnson Property, Lichty Property, Southern Adjustment Bureau Property, Mulkey Property, Rosselini Property, West Property, Dunn Property, and City of Chico Property as identified in CalSites. COST Activity to be specified in all these profile reports.

(07/31/98) COST/PSET4&5 – CONSENT DECREE FOR \$40k WAS SIGNED BY THE JUDGE AND RECORDED ON 7/31/98. TWO DEFENDANTS SETTLED THEIR PAST COST OBLIGATIONS WITH DTSC. DTSC'S CLAIM WAS FOR \$234K THROUGH 3/96.

(08/13/93) Property has been fenced and posted by DTSC. The owner failed to comply with issued F&P Order.

(10/27/98) COST/NFCRA – NO FURTHER COST RECOVERY ACTION IS REQUIRED FOR THE OLD CITY OF CHICO LANDFILL AND SURROUNDING PROPERTIES. ALL DEFENDANTS SETTLED PAST COST OBLIGATIONS IN THE AMOUNT OF \$178K IN FIVE CONSENT DECREES.

(12/30/91) Site sampled by DTSC 09/91 and found to contain levels of lead and zinc which exceed Total threshold limit concentration. Recommend site be fenced and posted to prevent public access.

Site: JOHNSON PROPERTY
Address: BRUCE & HUMBOLDT RD, HWY 32
City: CHICO
Map Loc: 22 - about .41 mile SE of the subject
Status:

id: 04490012 030196 ELECTRIC, GAS & SANITARY SERVICES

Actions:

I/SE, IORSE, FFA, FFSRA, VCA, EA - completed on 03/09/92.
EXPEDITED RESPONSE ACTION (F&P) - completed on 08/13/93.
COST RECOVERY (SOF) - completed on 05/06/96.
COST RECOVERY (PSET1) - completed on 05/01/97.
COST RECOVERY (PSET2) - completed on 05/01/97.
COST RECOVERY (PSET3) - completed on 05/01/97.
COST RECOVERY (PSET4) - completed on 07/31/98.
COST RECOVERY (PSET5) - completed on 07/31/98.
COST RECOVERY (NFCRA) - completed on 10/27/98.

(03/01/96) RWQCB is providing oversight of consolidation of burn dump material.

(03/09/92) Fence and Post Order (FP&O) issued to secure site access.

(05/01/97) COST/PSET1 – First Consent Decree for \$56K was signed by the judge on 5/1/97. Six defendants settled their past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96. COST/PSET2 – Second consent decree for \$60K was signed by the judge on 5/1/97. Two defendants settled their past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96. COST/PSET3 – Third Consent decree for \$17.5K was signed by the judge on 5/1/97. One defendant settled past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96.

(05/06/96) COST Statement of Facts (SOF)- Prepared and transmitted to Office of Legal Counsel and Attorney General's office. SOF includes Scott Property, Johnson Property, Lichty Property, Southern Adjustment Bureau Property, Mulkey Property, Rosselini Property, West Property, Dunn Property, and City of Chico Property as identified in CalSites. Cost activity to be specified in all these profile reports.

(07/31/98) COST/PSET4&5 – CONSENT DECREE FOR \$40k WAS SIGNED BY THE JUDGE AND RECORDED ON 7/31/98. TWO DEFENDENTS SETTLED THEIR PAST COST OBLIGATIONS WITH DTSC. DTSC'S CLAIM WAS FOR \$234K THROUGH 3/96.

(08/13/93) Theowner fenced his property in compliance with F&PO.

(10/27/98) COST/NFCRA – NO FURTHER COST RECOVERY ACTION IS REQUIRED FOR THE OLD CITY OF CHICO LANDFILL AND SURROUNDING PROPERTIES. ALL DEFENDANTS SETTLED PAST COST OBLIGATIONS IN THE AMOUNT OF \$178K IN FIVE CONSENT DECREES.

(12/30/91) Johnson property sampled by DTSC 09/91 and found to contain levels of lead and zinc which exceed Total Threshold Limit Concentration. Recommend the site be fenced and posted to prevent public access.

Site: CHICO DEVELOPMENT INC.
Address: BRUCE & HUMBOLDT RD, HWY 32
City: CHICO
Map Loc: 22 - about .41 mile SE of the subject
Status:

id: 04490016 030196 ELECTRIC, GAS & SANITARY SERVICES

Actions:

I/SE, IORSE, FFA, FFSRA, VCA, EA (F&P) - completed on 04/23/92.
EXPEDITED RESPONSE ACTION (F&P) - completed on 08/13/93.
COST RECOVERY (SOF) - completed on 05/06/96.
COST RECOVERY (PSET1) - completed on 05/01/97.
COST RECOVERY (PSET2) - completed on 05/01/97.
COST RECOVERY (PSET3) - completed on 05/01/97.
COST RECOVERY (PSET4) - completed on 07/31/98.
COST RECOVERY (PSET5) - completed on 07/31/98.
COST RECOVERY (NFCRA) - completed on 10/27/98.

(01/14/92) Property has not been sampled by DTSC; owner denied the Department access. Recommend further action to verify suspected contamination. Parcels 002-180-087 and 002-180-088.

(03/01/96) RWQCB is providing oversight of consolidation of burn dump material.

(04/23/92) Fence and post order issued. Docket number PF91-92-007.

(05/01/97) COST/PSET1 – First consent decree for \$56K was signed by the judge on 5/1/97. Six defendants settled their past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96. COST/PSET2 – Second consent decree for \$60K was signed by the judge on 5/1/97. Two defendants settled past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96. COST/PSET3 – Third consent decree for \$17.5K was signed by the judge on 5/1/97. One defendant settled past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96.

(05/06/96) COST Statement of Facts (SOF) - Prepared and transmitted to Office of Legal Counsel and Attorney General's office. SOF includes Scott Property, Johnson Property, Lichty Property, Southern Adjustment Bureau Property, Mulkey Property, Rosselini Property, West Property, Dunn Property, and City of Chico Property as identified in CalSites. COST activity to be specified in all these profile reports.

(07/31/98) COST/PSET4&5 – CONSENT DECREE FOR \$40k WAS SIGNED BY THE JUDGE AND RECORDED ON 7/31/98. TWO DEFENDENTS SETTLED THEIR PAST COST OBLIGATIONS WITH DTSC. DTSC'S CLAIM WAS FOR \$234K THROUGH 3/96.

(08/13/93) The property has been fenced and posted by DTSC. The owner failed to comply with issued F&P Order.

(10/27/98) COST/NFCRA – NO FURTHER COST RECOVERY ACTION IS REQUIRED FOR THE OLD CITY OF CHICO LANDFILL AND SURROUNDING PROPERTIES. ALL DEFENDANTS SETTLED PAST COST OBLIGATIONS IN THE AMOUNT OF \$178K IN FIVE CONSENT DECREES.

Site: WEST PROPERTY

1.8 MILE OF SR 32 1000 FT E OF
HWY 99, CHICO

Page: 17
Date: 10-12-2005
Job: TABS3420

Address: BRUCE & HUMBOLDT RD, HWY 32
City: CHICO
Map Loc: 22 - about .41 mile SE of the subject
Status:

id: 04490017 030196 ELECTRIC, GAS & SANITARY SERVICES

Actions:

COST RECOVERY (SOF) - completed on 05/06/96.
COST RECOVERY (PSET1) - completed on 05/01/97.
COST RECOVERY (PSET2) - completed on 05/01/97.
COST RECOVERY (PSET3) - completed on 05/01/97.
COST RECOVERY (PSET4) - completed on 07/31/98.
COST RECOVERY (PSET5) - completed on 07/31/98.
COST RECOVERY (NFCRA) - completed on 10/27/98.

(01/14/92) west property sampled by dtsc in december 1990. no excess levels of contaminants detected. additional assessment necessary for land use change.

(03/01/96) RWQCB is providing oversight of consolidation of burn dump material.

(05/01/97) COST/PSET1 - First consent decree for \$56K was signed by the judge on 5/1/97. Six defendants settled their past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96. COST/PSET2 - Second consent decree for \$60K was signed by the judge on 5/1/97. Two defendants settled past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96. COST/PSET3 - Third consent decree for \$17.5K was signed by the judge on 5/1/97. One defendant settled past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96.

(05/06/96) COST Statement of Facts (SOF) - Prepared and transmitted to Office of Legal Counsel and Attorney General's office. SOF includes Scott Property, Johnson Property, Lichty Property, Southern Adjustment Bureau Property, Mulkey Property, Rosselini Property, West Property, Dunn Property, and City of Chico Property as identified in CalSites. COST activity to be specified in all these profile reports.

(07/31/98) COST/PSET4&5 - CONSENT DECREE FOR \$40k WAS SIGNED BY THE JUDGE AND RECORDED ON 7/31/98. TWO DEFENDENTS SETTLED THEIR PAST COST OBLIGATIONS WITH DTSC. DTSC'S CLAIM WAS FOR \$234K THROUGH 3/96.

(10/27/98) COST/NFCRA - NO FURTHER COST RECOVERY ACTION IS REQUIRED FOR THE OLD CITY OF CHICO LANDFILL AND SURROUNDING PROPERTIES. ALL DEFENDANTS SETTLED PAST COST OBLIGATIONS IN THE AMOUNT OF \$178K IN FIVE CONSENT DECREES.

Site: JUNKIE GEORGE AUTO WRECKERS #2
Address: HUMBOLDT RD
City: CHICO
Status:

id: 0450002106221983 50 00 00

FACILITY DRIVE-BY RESIDENTIAL - NO WRECKING YARDS (06/22/83)
FACILITY IDENTIFIED ID ED FROM 59 PHONE BOOK (10/28/82)

Site: UNK.
Address: HUMBOLDT RD, 1/4MI FROM XING BRUCE
City: CHICO
Status:

id: 04490012 0301 ELECTRIC, GAS & SANITARY SERVICES

Actions:

I/SE, IORSE, FFA, FFSRA, VCA, EA - completed on 03/09/92.
EXPEDITED RESPONSE ACTION (F&P) - completed on 08/13/93.
COST RECOVERY (SOF) - completed on 05/06/96.
COST RECOVERY (PSET1) - completed on 05/01/97.
COST RECOVERY (PSET2) - completed on 05/01/97.
COST RECOVERY (PSET3) - completed on 05/01/97.
COST RECOVERY (PSET4) - completed on 07/31/98.
COST RECOVERY (PSET5) - completed on 07/31/98.
COST RECOVERY (NFCRA) - completed on 10/27/98.

(03/01/96) RWQCB is providing oversight of consolidation of burn dump material.

(03/09/92) Fence and Post Order (FP&O) issued to secure site access.

(05/01/97) COST/PSET1 – First Consent Decree for \$56K was signed by the judge on 5/1/97. Six defendants settled their past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96. COST/PSET2 – Second consent decree for \$60K was signed by the judge on 5/1/97. Two defendants settled their past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96. COST/PSET3 – Third Consent decree for \$17.5K was signed by the judge on 5/1/97. One defendant settled past cost obligations with DTSC. DTSC's claim was for \$234K through 3/96.

(05/06/96) COST Statement of Facts (SOF)- Prepared and transmitted to Office of Legal Counsel and Attorney General's office. SOF includes Scott Property, Johnson Property, Lichty Property, Southern Adjustment Bureau Property, Mulkey Property, Rosselini Property, West Property, Dunn Property, and City of Chico Property as identified in CalSites. Cost activity to be specified in all these profile reports.

(07/31/98) COST/PSET4&5 – CONSENT DECREE FOR \$40K WAS SIGNED BY THE JUDGE AND RECORDED ON 7/31/98. TWO DEFENDENTS SETTLED THEIR PAST COST OBLIGATIONS WITH DTSC. DTSC'S CLAIM WAS FOR \$234K THROUGH 3/96.

(08/13/93) The owner fenced his property in compliance with F&PO.

(10/27/98) COST/NFCRA – NO FURTHER COST RECOVERY ACTION IS REQUIRED FOR THE OLD CITY OF CHICO LANDFILL AND SURROUNDING PROPERTIES. ALL DEFENDANTS SETTLED PAST COST OBLIGATIONS IN THE AMOUNT OF \$178K IN FIVE CONSENT DECREES.

(12/30/91) Johnson property sampled by DTSC 09/91 and found to contain levels of lead and zinc which exceed Total Threshold Limit Concentration. Recommend the site be fenced and posted to prevent public access.

Site: LEE'S TERMITE INSPECTION
Address: HWY 32
City: CHICO
Status:

id: 0473000705161983 73 00 00

FACILITY DRIVE-BY INSUFFICIENT ADDRESS FOR DRIVE-BY (05/11/83)
FACILITY IDENTIFIED ID ED FROM 82 PHONE BOOK (10/21/82)

Site: HARV'S PEST CONTROL
Address: PO BOX 3468
City: CHICO
Status:

id: 0473000606031983 73 00 00

FACILITY IDENTIFIED ID ED FROM 82 PHONE BOOK (10/21/82)
QUESTIONNAIRE RETURNED (06/03/83)
QUESTIONNAIRE SENT (05/20/83)

Site: RAUSSER DISTRIBUTING COMPANY
Address: PO BOX 3810
City: CHICO
Status:

id: 0442000512111980 42 00 00

FACILITY IDENTIFIED ID D FROM DHS HAULERS LIST SENT IND. WASTE HAULREC D IND. WASTE HAULERS SURVEY WHOLESALE LIQUOR DISTRIBUTOR. OPERATORS SURVEY (11/27/80)
ION FROM 1974-PRESENT. (12/10/80)

Site: CHICO TRANSPORTATION
Address: PO BOX 68
City: CHICO
Status:

id: 0442000412111980 42 00 00

REZ D IND. WASTE HAULERS SURVEY FIRMED HAS NEVER HAULED INDUSTRIAL WSENT INDUSTRIAL WASTE HAULERS SURVEY (11/27/80)
ASTE (12/10/80)

Site: BUTTE CREEK ROCK COMPANY
Address: PO BOX 720
City: CHICO
Status:

id: 0442000709211983 42 00 00

FACILITY DRIVE-BY LARGE, NO VISIBLE WASTE (05/26/83)
FACILITY IDENTIFIED ID D VIA HAULERS SURVEY SENT IND. WASTE HAULERSREC D IND. WASTE
HAULERS SURVEY FIRM HAS NO RECORD OF HAULING WASTESRWQCB-1972 INSPECTION FOUND OIL
POND (05/01/83)
RWQCB-CURRENT OPERATIONS NO PROBLEM (05/24/83)
(11/25/80)
SURVEY (08/01/80)

CORTESE State of California Office of Planning and Research

This database is a consolidation of information from various sources. It is maintained by the State Office of Planning and Research and lists potential and confirmed hazardous waste or substances sites.

Facilities that have been reported elsewhere in this report will not be included in the listing below.

Status Codes:	WRCBT	Tank leaks. Compiled by Water Resource Control Board
	DHS1	Abandoned hazardous waste site. Compiled by Toxic Substance Control Div. of DHS
	DHS2	Contaminated public water drinking wells serving less than 200 connections. Compiled by Env. Health Div. of DHS
	DHS3	Contaminated public water drinking wells serving more than 200 connections
	DHS5	Sites pursuant to section 25356 of the Health and Safety Code (see BEP)
	CWMB	Solid waste disposal sites with known migration of hazardous waste

No listings within 1 mile radius of the subject site.

LUST Leaking Underground Storage Tanks - California State

The Leaking Underground Storage Tanks Information System is maintained by the State Water Resource Board pursuant to Section 25295 of the Health and Safety Code.

Status Codes:	0	No action
	1	Leak being confirmed
	3A	Prel site assessment workplan submitted
	3B	Prel site assessment underway
	5C	Pollution characterization
	5R	Remediation plan
	7	Remedial action underway
	8	Post remedial action monitoring
	9	Case closed
	P	Case purged from agency list

This list has been researched within 1 mile radius of the subject site.

Site: TOSCO R&M CO FACILITY 05422
Address: 1288 E 1ST AVE
City: CHICO
Map Loc: 3 - about 1.9 mile NW of the subject
Status: 9 - Case Closed.

The aquifer is potentially impacted. The incident is minor, requiring no remedial action. The case, 00700141, is managed by the Regional Water Quality Board.

CASE CLOSED BY REGIONAL BOARD 1/4/00.

Site: TOSCO R&M CO, FACILITY 05422
Address: 1288 E 1ST AVE
City: CHICO
Map Loc: 3 - about 1.9 mile NW of the subject
Status: INACT -

Site: SOUTHERN PACIFIC CHICO
Address: 7TH ST
City: CHICO
Status: INACT -

Site: SOUTHERN PACIFIC CHICO
Address: 7TH ST
City: CHICO
Status: INACT -

Site: SOUTHERN PACIFIC CHICO
Address: 7TH ST
City: CHICO
Status: INACT -

Site: SOUTHERN PACIFIC CHICO
Address: 7TH ST
City: CHICO
Status: INACT -

Site: SHELL SS MIKES FORMER
Address: 1295 E 8TH ST
City: CHICO
Map Loc: 15 - about 1.72 mile W of the subject
Status: 9 - Case Closed.

It was discovered during tank testing. The aquifer is potentially impacted. The contaminated soil has been excavated and treated, e.g. landfarming. The case, 00700033, is managed by the Regional Water Quality Board.

SIX UST'S REMOVED AND REPLACED WITH NEW SYSTEM. 400 CY GAS-CONTAMINATED SOILS REMOVED AND REMEDIATED ON-SITE. SIX MW'S INSTALLED. MONITORED FOUR YEARS. B = ND. T, E, X NEAR LAB DETECTION LIMITS IN MW2, MW4.

Site: SHELL SS MIKES FORMER
Address: 1295 E 8TH ST
City: CHICO
Map Loc: 15 - about 1.72 mile W of the subject
Status: INACT -

Site: SHELL SS MIKE'S FORMER
Address: 1295 E 8TH ST
City: CHICO
Map Loc: 15 - about 1.72 mile W of the subject
Status: INACT -

Site: SUPER SHOPPER
Address: 1885 E 8TH ST

City: CHICO
Map Loc: 16 - about .92 mile NE of the subject
Status: 9 - Case Closed.

It was discovered during tank closure. Only the soil is impacted. The contaminated soil has been excavated and treated, e.g. landfarming. The case, 00700048, is managed by the Regional Water Quality Board.

5A047053NO2 ENTERED 3/29/91, 5541 HCNSOIL

Site: SUPER SHOPPER
Address: 1885 E 8TH ST
City: CHICO
Map Loc: 16 - about .92 mile NE of the subject
Status: INACT -

Site: SUPER SHOPPER
Address: 1885 E 8TH ST
City: CHICO
Map Loc: 16 - about .92 mile NE of the subject
Status: INACT -

Site: CACITTI JACK PROPERTY
Address: 1180 E 9TH ST
City: CHICO
Map Loc: 18 - about 1.83 mile SW of the subject
Status: 9 - Case Closed.

It was discovered during tank closure. The aquifer is potentially impacted. The contaminated soil has been excavated and disposed in an approved site. The case, 00700112, is managed by the Regional Water Quality Board.

ONE 550-GAL UST AND 25 CY SOIL REMOVED. SOIL TEX, TPHG = 35 PPM, 32 PPM, 290 PPM, 3500 PPM RESPECTIVELY. 2 MWS. NO BTEX, TPHG IN GW. GW MTBE = 47 PPB.

Site: CACITTI, JACK PROPERTY
Address: 1180 E 9TH ST
City: CHICO
Map Loc: 18 - about 1.83 mile SW of the subject
Status: INACT -

Site: CACITTI JACK PROPERTY
Address: 1180 E 9TH ST
City: CHICO
Map Loc: 18 - about 1.83 mile SW of the subject
Status: INACT -

Site: ARCO #5639
Address: 2000 BUSINESS LN
City: CHICO
Map Loc: 24 - about 1.25 mile SE of the subject
Status: 1 - Leak being confirmed.

A release from a tank, of Contaminant was reported. Only the soil is impacted. The case, 00743455, is managed by a Local agency.

Site: ARCO #05639
Address: 2000 BUSINESS LN
City: CHICO
Map Loc: 24 - about 1.25 mile SE of the subject
Status: 9 - Case Closed.

A release from a tank, of 11 gallons of Gasoline was reported. The case, 00775535, is managed by a Local agency.

Site: ARCO FACILITY #5639
Address: 2000 BUSINESS LN
City: CHICO
Map Loc: 24 - about 1.25 mile SE of the subject
Status: 9 - Case Closed.

Only the soil is impacted. The contaminated soil has been excavated and disposed in an approved site. The case, 00700147, is managed by the Regional Water Quality Board.

CUSTOMER OVERFILLED GASOLINE TANK OF PERSONAL AUTOMOBILE. 10 GALS ENTERED STORM DRAIN. FLUSHED BY CITY FIRE DEPT. CLEANED UP WITH ABSORBENTS. NO SAMPLING.

Site: ARCO FACILITY #5639
Address: 2000 BUSINESS LN
City: CHICO
Map Loc: 24 - about 1.25 mile SE of the subject
Status: INACT -

Site: ARCO FACILITY #5639
Address: 2000 BUSINESS LN
City: CHICO
Map Loc: 24 - about 1.25 mile SE of the subject
Status: INACT -

Site: MUNICIPAL SERVICES CENTER
Address: 901 FIR ST
City: CHICO
Map Loc: 26 - about 1.48 mile SW of the subject
Status: 1 - Leak being confirmed.

A release from a tank, of Diesel was reported. The case, 00701763, is managed by a Local agency.

Site: CHICO MUNICIPAL SERVICE CENTER
Address: 901 FIR ST
City: CHICO
Map Loc: 26 - about 1.48 mile SW of the subject
Status: 9 - Case Closed.

It was discovered by nuisance conditions. Surface water is impacted. The contaminated soil has been excavated and disposed in an approved site. The free product floating on the water table will be removed. The case, 00700022, is managed by the Regional Water Quality Board.

Site: CHICO MUNICIPAL SERVICE CENTER
Address: 901 FIR ST
City: CHICO
Map Loc: 26 - about 1.48 mile SW of the subject
Status: INACT -

Site: CHICO MUNICIPAL SERVICE CENTER
Address: 901 FIR ST
City: CHICO
Map Loc: 26 - about 1.48 mile SW of the subject
Status: INACT -

SWIS Solid Waste Information System

As legislated under the Solid Waste Management and Resource Recovery Act of 1972, the California Waste Management Board maintains lists of certain facilities, i.e. Active solid waste disposal sites, Inactive or Closed solid waste disposal sites and Transfer facilities.

No listings within 1 mile radius of the subject site.

WIP Well Investigation Program

The Well Investigation Program (AB1803) identifies groundwater that is already contaminated and empowers the California Department of Health Services and local health officers to order ongoing monitoring programs. The focus of this program is to monitor and protect drinking water.

This list has been researched within 1 mile radius of the subject site.

Site: WELL 18-01 dhs0
Address: CWS CHICO
City: 22N/01E-25C01 M
Map Loc: 7 - about 1.06 mile NE of the subject
Status:

1.00 ppb of PCE (action level 5.0) was reported on 11/01/84 by DHS-AB1803.

WQ Drinking Water Program

The California Health and Safety Code section 116275-116300 stipulates that it is the intent of the Legislature to improve laws governing drinking water quality to improve upon the minimum requirements of the federal Safe Drinking Water Act Amendments of 1986, to establish primary drinking water standards that are at least as stringent as those established under the federal Safe Drinking Water Act, and to establish a program under this chapter that is more protective of public health than the minimum federal requirements.

In order to provide for the orderly and efficient delivery of safe drinking water the State Department of Health Services collect information on the quality of public drinking water wells under the California Drinking Program.

Below, the latest and maximum analysis of contaminants are reported (only positive reading are included). MCL is the Maximum Contaminant Level or enforceable drinking water standard. RPHL is the Recommended Public Health Level. Additional information is available upon request.

This list has been researched within 1 mile radius of the subject site.

Owner: Cal-Water Service Co.-Chico/CA
Well: WELL 20-01
WellNo: 22N/01E-24N01 M
Map Loc: 4 - about 1.2 mile NE of the subject
Status: AU - Active Untreated

WATER QUALITY:

	units	latest	maximum	MCL/RPHL
SOURCE TEMPERATURE C	C	16 10/19/99	18 4/3/96	
COLOR	UNITS	5 4/3/96	5 4/3/96	15/-
SPECIFIC CONDUCTANCE	US	234 10/19/99	270 4/14/87	2200/-
PH, LABORATORY		7.82 10/19/99	7.82 10/19/99	
ALKALINITY (TOTAL) AS CaCO3	MG/L	106 10/19/99	118 11/5/85	
BICARBONATE ALKALINITY	MG/L	128 10/19/99	144 11/5/85	
CARBONATE ALKALINITY	MG/L	.3 4/3/96	.5 5/12/93	
PHOSPHATE	UG/L	.1 4/3/96	.16 11/5/85	
HARDNESS (TOTAL) AS CaCO3	MG/L	94 10/19/99	118 11/5/85	
CALCIUM	MG/L	21 10/19/99	23 11/5/85	
MAGNESIUM	MG/L	10 10/19/99	15 11/5/85	
SODIUM	MG/L	11 10/19/99	13 4/3/96	
SODIUM ABSORPTION RATIO		11 10/19/99	13 4/3/96	
POTASSIUM	MG/L	1.4 10/19/99	1.5 4/3/96	
CHLORIDE	MG/L	7 10/19/99	12 11/5/85	600/-
SULFATE	MG/L	4 10/19/99	9 5/12/93	600/-
FLUORIDE (TEMP DEPENDENT)	MG/L	.11 5/12/93	.12 5/8/90	1.7/-
SILICA	MG/L	43 4/3/96	49 4/14/87	
ZINC	UG/L	50 4/3/96	50 4/3/96	
ALUMINUM	UG/L	20 5/8/90	20 5/8/90	1000/-
GROSS ALPHA	PCI/L	2.3 5/20/97	2.3 5/20/97	15/-
GROSS ALPHA COUNTING ERROR	PCI/L	.8 11/15/1	1 5/3/1	
TOTAL DISSOLVED SOLIDS	MG/L	147 10/19/99	182 4/3/96	1500/-
LANGELIER AT SOURCE TEMP		.314 10/19/99	.57 11/5/85	
NITRATE (AS NO3)	MG/L	3 6/27/00	5 3/23/95	45/-
IODIDE	UG/L	.009 5/8/90	.012 11/5/85	
TURBIDITY, LABORATORY	NTU	.15 10/19/99	.35 4/3/96	5/-

Owner: Cal-Water Service Co.-Chico/CA
Well: WELL 39-01
WellNo: 22N/01E-25A01 M
Map Loc: 5 - about .5600000000000001 mile NE of the subject
Status: AU - Active Untreated

WATER QUALITY:

	units	latest	maximum	MCL/RPHL
SOURCE TEMPERATURE C	C	16 10/31/00	22 5/23/94	
COLOR	UNITS	1 5/23/94	5 11/14/86	15/-
SPECIFIC CONDUCTANCE	US	226 10/31/00	241 5/23/94	2200/-
PH, LABORATORY		7.73 10/31/00	8.05 10/27/86	
ALKALINITY (TOTAL) AS CaCO3	MG/L	104 10/31/00	112 5/23/94	
BICARBONATE ALKALINITY	MG/L	126 10/31/00	136 5/23/94	
CARBONATE ALKALINITY	MG/L	.6 4/8/97	.9 10/27/86	
PHOSPHATE	UG/L	.18 4/8/97	.34 5/23/94	
HARDNESS (TOTAL) AS CaCO3	MG/L	91 10/31/00	107 5/1/91	
CALCIUM	MG/L	19 10/31/00	20 5/23/94	
MAGNESIUM	MG/L	12 10/31/00	13 5/1/91	
SODIUM	MG/L	13 10/31/00	16 10/27/86	
SODIUM ABSORPTION RATIO		13 10/31/00	13 10/31/00	
POTASSIUM	MG/L	2.3 10/31/00	2.4 4/8/97	
CHLORIDE	MG/L	6 10/31/00	10 5/1/91	600/-
SULFATE	MG/L	3 10/31/00	12 5/1/91	600/-
FLUORIDE (TEMP DEPENDENT)	MG/L	.21 5/23/94	.21 5/23/94	1.7/-

1.8 MILE OF SR 32 1000 FT E OF
HWY 99, CHICO

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SILICA	MG/L	43	4/8/97	47	5/23/94	
COPPER	UG/L	110	5/1/91	110	5/1/91	1000/-
LEAD	UG/L	16	5/1/91	16	5/1/91	
MANGANESE	UG/L	30	10/31/00	40	4/8/97	50/-
ZINC	UG/L	290	5/1/91	290	5/1/91	
GROSS ALPHA	PCI/L	.1	5/14/92	.1	5/14/92	15/-
GROSS ALPHA COUNTING ERROR	PCI/L	.3	7/22/99	.7	3/2/99	
BROMOFORM (THM)	UG/L	.6	6/19/95	.6	6/19/95	100/-
DIBROMOCHLOROMETHANE (THM)	UG/L	1	6/19/95	1	6/19/95	100/-
TOTAL DISSOLVED SOLIDS	MG/L	141	10/31/00	182	5/1/91	1500/-
LANGELIER AT SOURCE TEMP		.46	10/31/00	.46	10/31/00	
NITRATE (AS NO3)	MG/L	2	6/12/ 1	4	5/23/94	45/-
IODIDE	UG/L	.007	5/1/91	.01	10/27/86	
TURBIDITY, LABORATORY	NTU	.05	10/31/00	.25	11/14/86	5/-
TOTAL TRIHALOMETHANES	UG/L	1.6	6/19/95	1.6	6/19/95	100/-

Owner: Cal-Water Service Co.-Chico/CA
Well: WELL 57-01
WellNo: 22N/01E-25A02 M
Map Loc: 6 - about .45 mile SE of the subject
Status: AU - Active Untreated

WATER QUALITY:

	units	latest	maximum	MCL/RPHL
SOURCE TEMPERATURE C	C	21	7/21/98	21
SPECIFIC CONDUCTANCE	US	227	7/21/98	265
PH, LABORATORY		7.77	7/21/98	7.82
ALKALINITY (TOTAL) AS CaCO3	MG/L	106	7/21/98	106
BICARBONATE ALKALINITY	MG/L	128	7/21/98	128
CARBONATE ALKALINITY	MG/L	.5	7/21/98	.5
PHOSPHATE	UG/L	.16	7/21/98	.27
HARDNESS (TOTAL) AS CaCO3	MG/L	100	7/21/98	100
CALCIUM	MG/L	18	7/21/98	19
MAGNESIUM	MG/L	12	7/21/98	13
SODIUM	MG/L	11	7/21/98	11
SODIUM ABSORPTION RATIO		11	7/21/98	11
POTASSIUM	MG/L	2.1	7/21/98	2.4
CHLORIDE	MG/L	7	7/21/98	10
SULFATE	MG/L	4	7/21/98	16
SILICA	MG/L	47	7/21/98	64
BORON	UG/L	81	10/23/ 1	86
CADMIUM	UG/L	2	6/9/92	2
VANADIUM	UG/L	18	10/23/ 1	20
ALUMINIUM	UG/L	20	6/9/92	20
SELENIUM	UG/L	5	7/21/98	5
GROSS ALPHA	PCI/L	.306	11/7/00	.9
GROSS ALPHA COUNTING ERROR	PCI/L	.61	11/7/00	.61
FOAMING AGENTS (MBAS)	UG/L	.39	7/21/98	.39
TOTAL DISSOLVED SOLIDS	MG/L	170	7/21/98	191
LANGELIER AT SOURCE TEMP		.373	7/21/98	.68
NITRATE (AS NO3)	MG/L	4	6/28/00	6
IODIDE	UG/L	.014	9/19/95	.014
TURBIDITY, LABORATORY	NTU	.15	7/21/98	.4
CHROMIUM (TOTAL CR-CRVI SCREEN)	UG/L	1	10/23/ 1	1

Owner: Cal-Water Service Co.-Chico/CA
Well: WELL 18-01
WellNo: 22N/01E-25C01 M
Map Loc: 7 - about 1.06 mile NE of the subject
Status: AU - Active Untreated

WATER QUALITY:

	units	latest	maximum	MCL/RPHL
SOURCE TEMPERATURE C	C	17	9/21/99	18

PARAMETER	UNITS	1	9/21/99	1	9/21/99	15/-
COLOR	US	233	9/21/99	340	4/14/87	2200/-
SPECIFIC CONDUCTANCE	US	7.82	9/21/99	7.82	9/21/99	
PH, LABORATORY		106	9/21/99	136	4/14/87	
ALKALINITY (TOTAL) AS CaCO3	MG/L	128	9/21/99	164	4/14/87	
BICARBONATE ALKALINITY	MG/L	.4	4/3/96	.5	4/14/87	
CARBONATE ALKALINITY	MG/L	.14	4/3/96	.31	4/14/87	
PHOSPHATE	UG/L	96	9/21/99	135	4/3/96	
HARDNESS (TOTAL) AS CaCO3	MG/L	16	9/21/99	26	4/5/93	
CALCIUM	MG/L	10	9/21/99	17	4/3/96	
MAGNESIUM	MG/L	12	9/21/99	14	4/3/96	
SODIUM	MG/L	12	9/21/99	14	4/3/96	
SODIUM ABSORPTION RATIO		1.6	9/21/99	1.6	9/21/99	
POTASSIUM	MG/L	6	9/21/99	12	4/14/87	600/-
CHLORIDE	MG/L	4	9/21/99	12	4/5/93	600/-
SULFATE	MG/L	.09	4/5/93	.12	4/23/90	1.7/-
FLUORIDE (TEMP DEPENDENT)	MG/L	47	4/3/96	51	4/23/90	
SILICA	MG/L	100	4/23/90	100	4/23/90	300/-
IRON	UG/L	5	4/23/90	5	4/23/90	
LEAD	UG/L	14	2/28/ 2	14	2/28/ 2	
VANADIUM	UG/L	200	4/23/90	200	4/23/90	
ZINC	UG/L	4.3	11/14/97	4.3	11/14/97	15/-
GROSS ALPHA	PCI/L	.9	12/3/ 1	2.5	11/14/97	
GROSS ALPHA COUNTING ERROR	PCI/L	.61	11/1/84	.61	11/1/84	5/-
TETRACHLOROETHYLENE	UG/L	.18	3/19/ 2	.18	3/19/ 2	500/-
FOAMING AGENTS (MBAS)	MG/L	173	9/21/99	209	4/14/87	1500/-
TOTAL DISSOLVED SOLIDS	MG/L	.422	9/21/99	.53	4/23/90	
LANGELIER AT SOURCE TEMP		2	6/6/ 1	6	4/23/90	45/-
NITRATE (AS NO3)	MG/L	.008	4/5/93	.009	4/14/87	
IODIDE	UG/L	.05	9/21/99	.2	4/23/90	5/-
TURBIDITY, LABORATORY	NTU					

Owner: Cal-Water Service Co.-Chico/CA
Well: WELL 07-04
WellNo: 22N/01E-25M01 M
Map Loc: 8 - about 1.43 mile SW of the subject
Status: AU - Active Untreated

WATER QUALITY:

PARAMETER	UNITS	units	latest	maximum	MCL/RPHL
SOURCE TEMPERATURE C	C	15	3/16/99	18	6/17/86
COLOR	UNITS	3	2/13/96	3	2/13/96
SPECIFIC CONDUCTANCE	US	279	3/16/99	322	2/13/96
PH, LABORATORY		7.49	3/16/99	7.73	3/28/90
ALKALINITY (TOTAL) AS CaCO3	MG/L	126	3/16/99	126	3/16/99
BICARBONATE ALKALINITY	MG/L	153	3/16/99	153	3/16/99
CARBONATE ALKALINITY	MG/L	.3	3/16/99	.4	2/13/96
PHOSPHATE	UG/L	.1	3/16/99	.2	6/17/86
HARDNESS (TOTAL) AS CaCO3	MG/L	123	3/16/99	123	3/16/99
CALCIUM	MG/L	25	3/16/99	25	3/16/99
MAGNESIUM	MG/L	14	3/16/99	16	2/13/96
SODIUM	MG/L	11	3/16/99	12	2/13/96
SODIUM ABSORPTION RATIO		11	3/16/99	12	2/13/96
POTASSIUM	MG/L	1.1	3/16/99	2	3/28/90
CHLORIDE	MG/L	8	3/16/99	11	4/8/87
SULFATE	MG/L	6	3/16/99	10	5/16/84
FLUORIDE (TEMP DEPENDENT)	MG/L	.07	3/23/93	.14	3/28/90
SILICA	MG/L	51	2/13/96	56	6/17/86
CHROMIUM, HEXAVALENT	UG/L	1	2/26/ 2	1	2/26/ 2
COPPER	UG/L	50	3/28/90	130	4/8/87
LEAD	UG/L	15	4/8/87	15	4/8/87
VANADIUM	UG/L	13	2/26/ 2	13	2/26/ 2
GROSS ALPHA	PCI/L	4.6	5/20/97	4.6	5/20/97
GROSS ALPHA COUNTING ERROR	PCI/L	.8	11/15/ 1	1.4	11/14/97
BROMOFORM (THM)	UG/L	.9	7/2/96	.9	7/2/96
DIBROMOCHLOROMETHANE (THM)	UG/L	.5	7/2/96	.5	7/2/96
FOAMING AGENTS (MBAS)	UG/L	.037	3/16/99	.037	3/16/99
TOTAL DISSOLVED SOLIDS	MG/L	257	3/16/99	257	3/16/99
LANGELIER AT SOURCE TEMP		.56	3/16/99	.62	6/17/86
NITRATE (AS NO3)	MG/L	3	6/5/ 1	10	3/23/93

IODIDE	UG/L	.008	3/23/93	.011	4/8/87	
TURBIDITY, LABORATORY	NTU	.1	3/16/99	.25	3/23/93	5/-
TOTAL TRIHALOMETHANES	UG/L	1.4	7/2/96	1.4	7/2/96	100/-

Owner: Cal-Water Service Co.-Chico/CA
Well: WELL 61-01
WellNo: 22N/01E-25R01 M
Map Loc: 9 - about .98 mile SE of the subject
Status: AU - Active Untreated

WATER QUALITY:

		units	latest		maximum	MCL/RPHL
SOURCE TEMPERATURE C	C	19	3/17/98	21	9/22/89	
COLOR	UNITS	1	3/17/98	7	6/24/92	15/-
SPECIFIC CONDUCTANCE	US	219	3/17/98	265	12/13/95	2200/-
PH, LABORATORY		7.91	3/17/98	7.91	3/17/98	
ALKALINITY (TOTAL) AS CaCO3	MG/L	110	3/17/98	110	3/17/98	
BICARBONATE ALKALINITY	MG/L	133	3/17/98	133	3/17/98	
CARBONATE ALKALINITY	MG/L	.7	3/17/98	.7	3/17/98	
PHOSPHATE	UG/L	.2	3/17/98	.21	12/13/95	
HARDNESS (TOTAL) AS CaCO3	MG/L	101	3/17/98	114	12/13/95	
CALCIUM	MG/L	19	3/17/98	22	12/13/95	
MAGNESIUM	MG/L	12	3/20/ 1	14	12/13/95	
SODIUM	MG/L	9	3/17/98	12	9/22/89	
SODIUM ABSORPTION RATIO		9	3/17/98	9	3/17/98	
POTASSIUM	MG/L	3	3/17/98	3	3/17/98	
CHLORIDE	MG/L	5	3/17/98	6	12/13/95	600/-
SULFATE	MG/L	3	3/17/98	21	6/24/92	600/-
FLUORIDE (TEMP DEPENDENT)	MG/L	.13	9/22/89	.13	9/22/89	1.7/-
SILICA	MG/L	60	3/20/ 1	92	9/22/89	
BORON	UG/L	76	12/5/ 1	76	12/5/ 1	
IRON	UG/L	210	12/13/95	210	12/13/95	300/-
VANADIUM	UG/L	19	12/5/ 1	19	12/5/ 1	
ZINC	UG/L	70	9/22/89	70	9/22/89	
ALUMINUM	UG/L	50	9/22/89	50	9/22/89	1000/-
GROSS ALPHA	PCI/L	.129	11/10/00	.6	9/17/92	15/-
GROSS ALPHA COUNTING ERROR	PCI/L	.55	11/10/00	.55	11/10/00	
CHLOROFORM (THM)	UG/L	.6	9/29/89	.6	9/29/89	100/-
TOTAL DISSOLVED SOLIDS	MG/L	175	3/17/98	206	9/22/89	1500/-
LANGELIER AT SOURCE TEMP		.234	3/17/98	.61	9/22/89	
NITRATE (AS NO3)	MG/L	3	6/28/00	22	3/17/98	45/-
IODIDE	UG/L	.007	6/24/92	.007	6/24/92	
TURBIDITY, LABORATORY	NTU	.1	3/17/98	.4	12/13/95	5/-
TOTAL TRIHALOMETHANES	UG/L	.6	9/29/89	.6	9/29/89	100/-

Owner: Cal-Water Service Co.-Chico/CA
Well: WELL 35-01
WellNo: 22N/01E-36C01 M
Map Loc: 10 - about 1.5 mile S of the subject
Status: AU - Active Untreated

WATER QUALITY:

		units	latest		maximum	MCL/RPHL
SOURCE TEMPERATURE C	C	20	7/25/00	20	7/25/00	
COLOR	UNITS	2	7/25/00	2	7/25/00	15/-
SPECIFIC CONDUCTANCE	US	226	7/25/00	256	4/13/94	2200/-
PH, LABORATORY		7.93	7/25/00	7.93	7/25/00	
ALKALINITY (TOTAL) AS CaCO3	MG/L	102	7/25/00	114	11/11/97	
BICARBONATE ALKALINITY	MG/L	123	7/25/00	138	11/11/97	
CARBONATE ALKALINITY	MG/L	.5	11/11/97	.7	5/16/88	
PHOSPHATE	UG/L	.08	11/11/97	.25	8/12/85	
HARDNESS (TOTAL) AS CaCO3	MG/L	80	7/25/00	117	5/2/91	
CALCIUM	MG/L	17	7/25/00	21	5/2/91	
MAGNESIUM	MG/L	10	7/25/00	14	11/11/97	

SODIUM	MG/L	16	7/25/00	17	5/16/88	
SODIUM ABSORPTION RATIO		16	7/25/00	16	7/25/00	
POTASSIUM	MG/L	2.1	7/25/00	2.1	7/25/00	
CHLORIDE	MG/L	6	7/25/00	8	8/12/85	600/-
SULFATE	MG/L	3	7/25/00	12	5/2/91	600/-
FLUORIDE (TEMP DEPENDENT)	MG/L	.12	7/25/00	.14	4/13/94	1.7/-
SILICA	MG/L	47	11/11/97	58	5/2/91	
COPPER	UG/L	120	5/2/91	120	5/2/91	1000/-
IRON	UG/L	140	5/2/91	140	5/2/91	300/-
LEAD	UG/L	12	5/2/91	12	5/2/91	
ZINC	UG/L	70	5/2/91	70	5/2/91	
ALUMINUM	UG/L	30	5/2/91	30	5/2/91	1000/-
GROSS ALPHA	PCI/L	.434	11/10/00	1.8	8/30/94	15/-
GROSS ALPHA COUNTING ERROR	PCI/L	.5	11/10/00	1.6	8/30/94	
TOTAL DISSOLVED SOLIDS	MG/L	171	7/25/00	199	5/2/91	1500/-
LANGELIER AT SOURCE TEMP		.205	7/25/00	.461	11/11/97	
NITRATE (AS NO3)	MG/L	2	5/23/ 1	12	5/2/91	45/-
IODIDE	UG/L	.006	4/13/94	.014	8/12/85	
TURBIDITY, LABORATORY	NTU	.05	7/25/00	.3	5/2/91	5/-

Owner: Cal-Water Service Co.-Chico/CA
Well: WELL 50-01
WellNo: 22N/02E-19G01 M
Map Loc: 11 - about .72 mile NE of the subject
Status: AU - Active Untreated

WATER QUALITY:

	units	latest	maximum	MCL/RPHL
SOURCE TEMPERATURE C	C	16 10/19/99	20 4/3/96	
COLOR	UNITS	6 4/3/96	6 4/3/96	15/-
SPECIFIC CONDUCTANCE	US	267 10/19/99	290 6/27/90	2200/-
PH, LABORATORY		7.85 10/19/99	7.9 6/27/90	
ALKALINITY (TOTAL) AS CaCO3	MG/L	116 10/19/99	116 10/19/99	
BICARBONATE ALKALINITY	MG/L	140 10/19/99	141 8/4/86	
CARBONATE ALKALINITY	MG/L	.5 4/3/96	.7 6/27/90	
PHOSPHATE	UG/L	.17 4/3/96	.34 8/4/86	
HARDNESS (TOTAL) AS CaCO3	MG/L	108 10/19/99	110 5/13/93	
CALCIUM	MG/L	25 10/19/99	25 10/19/99	
MAGNESIUM	MG/L	11 10/19/99	14 5/13/93	
SODIUM	MG/L	12 10/19/99	13 4/3/96	
SODIUM ABSORPTION RATIO		12 10/19/99	13 4/3/96	
POTASSIUM	MG/L	1.7 10/19/99	2.4 4/3/96	
CHLORIDE	MG/L	7 10/19/99	11 8/4/86	600/-
SULFATE	MG/L	5 10/19/99	11 5/13/93	600/-
FLUORIDE (TEMP DEPENDENT)	MG/L	.09 5/13/93	.11 6/27/90	1.7/-
SILICA	MG/L	49 4/3/96	54 8/4/86	
COPPER	UG/L	70 6/27/90	70 6/27/90	1000/-
GROSS ALPHA	PCI/L	4.2 11/10/00	4.2 11/10/00	15/-
GROSS ALPHA COUNTING ERROR	PCI/L	1.6 11/10/00	2 2/7/96	
BROMODICHLORMETHANE (THM)	UG/L	2.8 4/4/95	2.8 4/4/95	100/-
BROMOFORM (THM)	UG/L	2.1 4/4/95	2.1 4/4/95	100/-
DIBROMOCHLOROMETHANE (THM)	UG/L	3.4 4/4/95	3.4 4/4/95	100/-
CHLOROFORM (THM)	UG/L	1.6 4/4/95	1.6 4/4/95	100/-
TOTAL DISSOLVED SOLIDS	MG/L	163 10/19/99	195 8/4/86	1500/-
LANGELIER AT SOURCE TEMP		.177 10/19/99	.35 5/13/93	
NITRATE (AS NO3)	MG/L	8 7/6/00	11 3/23/95	45/-
IODIDE	UG/L	.006 5/13/93	.014 8/4/86	
MERCURY	UG/L	1 6/27/90	1 6/27/90	2/-
TURBIDITY, LABORATORY	NTU	.05 10/19/99	.4 8/4/86	5/-
TOTAL TRIHALOMETHANES	UG/L	9.9 4/4/95	9.9 4/4/95	100/-

Owner: Cal-Water Service Co.-Chico/CA
Well: WELL 54-01
WellNo: 22N/02E-19N01 M
Map Loc: 12 - about .31 mile NE of the subject
Status: AU - Active Untreated

WATER QUALITY:

		units	latest		maximum	MCL/RPHL
SOURCE TEMPERATURE C	C	20	5/22/ 1	20	5/22/ 1	
COLOR	UNITS	1	5/22/ 1	4	2/14/89	15/-
SPECIFIC CONDUCTANCE	US	260	5/22/ 1	269	9/19/95	2200/-
PH, LABORATORY		8.1	5/22/ 1	8.1	5/22/ 1	
ALKALINITY (TOTAL) AS CaCO3	MG/L	121	5/22/ 1	121	5/22/ 1	
BICARBONATE ALKALINITY	MG/L	145	5/22/ 1	145	5/22/ 1	
CARBONATE ALKALINITY	MG/L	1.2	5/22/ 1	1.2	5/22/ 1	
PHOSPHATE	UG/L	.11	6/29/98	.22	7/8/86	
HARDNESS (TOTAL) AS CaCO3	MG/L	108	5/22/ 1	108	5/22/ 1	
CALCIUM	MG/L	24	5/22/ 1	24	5/22/ 1	
MAGNESIUM	MG/L	13	5/22/ 1	13	5/22/ 1	
SODIUM	MG/L	12	5/22/ 1	16	2/14/89	
SODIUM ABSORPTION RATIO		12	5/22/ 1	12	5/22/ 1	
POTASSIUM	MG/L	2.5	5/22/ 1	2.5	5/22/ 1	
CHLORIDE	MG/L	8	5/22/ 1	9	3/19/92	600/-
SULFATE	MG/L	5	5/22/ 1	15	3/19/92	600/-
FLUORIDE (TEMP DEPENDENT)	MG/L	.08	3/19/92	.13	2/14/89	1.7/-
SILICA	MG/L	43	6/29/98	56	7/8/86	
BORON	UG/L	100	11/6/ 1	3100	5/10/ 1	
VANADIUM	UG/L	14	11/6/ 1	14	11/6/ 1	
GROSS ALPHA	PCI/L	.2	3/19/92	.2	3/19/92	15/-
GROSS ALPHA COUNTING ERROR	PCI/L	.7	7/22/99	.7	7/22/99	
BROMODICHLORMETHANE (THM)	UG/L	.9	4/5/93	.9	4/5/93	100/-
BROMOFORM (THM)	UG/L	.7	4/5/93	.7	4/5/93	100/-
DIBROMOCHLOROMETHANE (THM)	UG/L	.6	5/16/95	1.1	4/5/93	100/-
CHLOROFORM (THM)	UG/L	.6	4/5/93	.6	4/5/93	100/-
TOTAL DISSOLVED SOLIDS	MG/L	172	5/22/ 1	184	3/19/92	1500/-
LANGELIER AT SOURCE TEMP		.08	5/22/ 1	.54	7/8/86	
NITRATE (AS NO3)	MG/L	6	5/22/ 1	7	3/19/92	45/-
IODIDE	UG/L	.015	9/19/95	.015	9/19/95	
TURBIDITY, LABORATORY	NTU	.1	5/22/ 1	.45	7/8/86	5/-
TOTAL TRIHALOMETHANES	UG/L	.6	5/16/95	3.3	4/5/93	100/-
CHROMIUM (TOTAL CR-CRVI SCREEN)	UG/L	3	5/22/ 1	3	5/22/ 1	

Owner: Cal-Water Service Co.-Chico/CA
Well: WELL 65-01
WellNo: 22N/02E-29M01 M
Map Loc: 13 - about .98 mile SE of the subject
Status: AU - Active Untreated

WATER QUALITY:

		units	latest		maximum	MCL/RPHL
SOURCE TEMPERATURE C	C	16	8/17/99	21	5/12/93	
COLOR	UNITS	3	4/3/96	3	4/3/96	15/-
SPECIFIC CONDUCTANCE	US	237	8/17/99	255	5/10/90	2200/-
PH, LABORATORY		7.91	8/17/99	7.91	8/17/99	
ALKALINITY (TOTAL) AS CaCO3	MG/L	111	8/17/99	111	8/17/99	
BICARBONATE ALKALINITY	MG/L	134	8/17/99	134	8/17/99	
CARBONATE ALKALINITY	MG/L	.7	8/17/99	.7	8/17/99	
PHOSPHATE	UG/L	.33	4/3/96	.37	5/10/90	
HARDNESS (TOTAL) AS CaCO3	MG/L	98	8/17/99	98	8/17/99	
CALCIUM	MG/L	22	8/17/99	22	8/17/99	
MAGNESIUM	MG/L	10	8/17/99	13	5/12/93	
SODIUM	MG/L	9	8/17/99	11	4/3/96	
SODIUM ABSORPTION RATIO		9	8/17/99	11	4/3/96	
POTASSIUM	MG/L	1.3	8/17/99	1.8	4/3/96	
CHLORIDE	MG/L	3	8/17/99	3	8/17/99	600/-
SULFATE	MG/L	2	8/17/99	8	5/12/93	600/-
FLUORIDE (TEMP DEPENDENT)	MG/L	.11	5/12/93	.12	5/10/90	1.7/-
SILICA	MG/L	68	4/3/96	71	5/12/93	
BORON	UG/L	58	1/29/ 2	58	1/29/ 2	
CHROMIUM, HEXAVALENT	UG/L	1.2	3/6/ 2	1.2	3/6/ 2	
IRON	UG/L	120	4/3/96	120	4/3/96	300/-
VANADIUM	UG/L	26	1/29/ 2	26	1/29/ 2	

ALUMINUM	UG/L	20	5/10/90	20	5/10/90	1000/-
GROSS ALPHA	PCI/L	.122	11/10/00	.7	11/8/93	15/-
GROSS ALPHA COUNTING ERROR	PCI/L	.52	11/10/00	.7	11/8/93	
BROMODICHLORMETHANE (THM)	UG/L	1.3	3/15/95	1.3	3/15/95	100/-
DIBROMOCHLOROMETHANE (THM)	UG/L	.6	3/15/95	.6	3/15/95	100/-
CHLOROFORM (THM)	UG/L	1	3/15/95	1	3/15/95	100/-
TOTAL DISSOLVED SOLIDS	MG/L	173	8/17/99	192	5/12/93	1500/-
LANGELIER AT SOURCE TEMP		.188	8/17/99	.42	5/12/93	
NITRATE (AS NO3)	MG/L	2	7/6/00	4	5/10/90	45/-
TURBIDITY, LABORATORY	NTU	.05	8/17/99	.2	4/3/96	5/-
TOTAL TRIHALOMETHANES	UG/L	2.9	3/15/95	2.9	3/15/95	100/-

SCH School Property Evaluation Program Properties

This category of The Site Mitigation and Brownfields Reuse Program Database (SMBRPD) 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.

Status Codes:	VCP	Active school property where DTSC has entered into a VCP Agreement.
	PEAR	Preliminary Endangerment Assessment (PEA) required.
	PEAP	Preliminary Endangerment Assessment (PEA) in Progress
	VCOMP	The scope of work in the VCP Agreement has been completed.
	NA	No Action - potential school property where a Phase I has been completed.
	NFA	The property does not pose a problem to the public health or the environment.
	CERT	The potential school property was previously identified as a confirmed release site and it has been subsequently certified by DTSC as having been remediated satisfactorily under DTSC oversight.

No listings within half of a mile radius of the subject site.

REGIONAL SOURCES

NT Toxic Releases

The California Regional Water Quality Control Boards or local Department of Health Services keeps track of toxic releases to the environment. These lists are known as Unauthorized Releases, Spill, Leaks, Investigations and Cleanups (SLIC), Non-Tank Releases, Toxics List or similar, depending on the local agency.

This list has been researched within 1 mile radius of the subject site.

Site: CHICO REMANUFACTURING FACILITY
Address: CHICO
City: CHICO
Status: RI

id: 5-160 , substance: PCP 7/15/02

Site: PLEASANT VALLEY ASSEMBLY OF GO
Address: HUMBOLDT RD
City: CHICO
Status: -

id: SL0600762464 , substance: SUB008

Site: ADAMS, ET AL (APN 002-180-086)
Address: HUMBOLDT ROAD & HIGHWAY 32
City: CHICO
Status: -

id: SL0600705455 , substance: SUB008, SUB009

Site: BARTIG, ET AL (APN 002-180-08
Address: HUMBOLDT ROAD & HIGHWAY 32
City: CHICO
Status: -

id: SL0600779931 , substance: SUB008, SUB009

Site: EDMOND JOHNSON PROPERTY (APN 0
Address: HUMBOLDT ROAD & HWY 32
City: CHICO
Status: -

id: SL0600711195 , substance: SUB008, SUB009

Site: HUMBOLDT ROAD PRIVATE PROPERTI
Address: HUMBOLDT ROAD & STATE HIGHWAY 32
City: CHICO
Status: -

id: SL0600716367 , substance: SUB008, SUB009

Site: HUMBOLDT ROAD BURN DUMP OPERAT
Address: HUMBOLT ROAD & HWY 32
City: CHICO
Status: -

id: SL185282854 , substance: SUB008, SUB009

TPC Toxic Pits

The Toxic Pits Clean-Up Act (Katz Bill) places strict limitations on the discharge of liquid hazardous wastes into surface impoundment, toxic ponds, pits and lagoons. Regional Water Quality Control Boards are required to inspect all surface impoundment annually, in addition, every facility was required to file a Hydrogeological Assessment Report. Recent legislation allows the Department of Health Services to exempt facilities that closed on or before December 31, 1985, if a showing is made that no significant environmental risk remains (AB1046).

Special exemption provisions have been created for surface impoundment that receive mining wastes.

No listings within 1 mile radius of the subject site.

SWAT(R) Solid Waste Assessment Test - Regional

This program, provided for under the Calderon legislation (Section 13273 of the Water Code), requires that disposal sites with more than 50,000 cubic yards of waste provide sufficient information to the regional water quality control board to determine whether or not the site has discharged hazardous substances which will impact the environment.

Site operators are required to file Solid Waste Assessment Test reports on a staggered basis. Operators of the 150 highest ranking (Rank 1) sites were required to submit Solid Waste Assessment Tests by July 1, 1987, Rank 2 in 1988 and so on.

Operators submit water quality tests to the Regional Water Quality Control Board, describing surface and groundwater quality and supply; and the geology within 1 mile of the site. Air quality tests are submitted to the local Air Quality Management District or Air Pollution Control District.

This program is currently not funded and thus not updated.

Status Codes: Facilities or sites are ranked within each region on a scale 1-15 according to priority.

No listings within 1 mile radius of the subject site.

OPERATING PERMITS

Various agencies issue operating permits or regulate the handling, movements, storage and disposal of hazardous materials and require mandatory reporting. The inclusion in this section does not imply that an environmental problem exists presently or has in the past.

RCRA-G Resource Conservation and Recovery Information System - Generators

The Environmental Protection Agency regulates generators of hazardous material through the Resource Conservation and Recovery Act (RCRA). All hazardous waste generators are required to notify EPA of their existence by submitting the Federal Notification of Regulated Waste Activity Form (EPA Form 8700-12) or a state equivalent form. The notification form provides basic identification information and specific waste activities.

Status Codes: L - Generators who generate at least 1000 kg/mo of non-acutely hazardous waste (or 1 kg/mo of acutely hazardous waste).
S - Generators who generate 100 kg/mo but less than 1000 kg/mo of non-acutely haz waste.
T - Transporter.

This list has been researched within half of a mile radius of the subject site.

Site: CHICO UNIFIED SCH DIST
Address: 1163 E 7TH ST
City: CHICO
Map Loc: 14 - about 1.89 mile W of the subject
Status:
Permit id#: CAD059359752

Site: CHICO CITY OF FIRE DEPT
Address: 901 FIR ST
City: CHICO
Map Loc: 26 - about 1.48 mile SW of the subject
Status: L - Large Generator

Permit id#: CAD981627110

Site: HELENA CHEMICAL CO
Address: HWY 32
City: CHICO
Status: L - Large Generator

Permit id#: CAD980819585

Activities at this facility include:
Farm Supplies Wholesalers

SARA SARA Title III,section 313 (TRIS)

Title III of the Superfund Amendments and Reauthorization Act,Section 313, also known as Emergency Planning and Community Right-to-Know Act of 1986 requires owners or operators of facilities with more than 10 employees and are listed under Standard Industrial Classification(SIC) Codes 20 through 39 to report the manufacturing, processing or use of more than a threshold of certain chemical or chemical categories listed under section 313. This data base is also known as Toxic Release Information System (TRIS).

Below summary information for the last five year period is reported grouping the releases into air, water, underground injection, land, public offsite treatment (potw) and transportation offsite.

No listings within half of a mile radius of the subject site.

NC Nuclear Regulatory Commission Licensees

The Nuclear Regulatory Commission, Office of Nuclear Material Safety and Safeguards has been mandated (10 CFR Ch 1.42) to protect the public health and safety, the common defense and security, and the environment by licensing, inspection, and environmental impact assessment for all nuclear facilities and activities, and for the import and export of special nuclear material.

No listings within half of a mile radius of the subject site.

PCB PCB Waste Handlers Database

The U.S. Environmental Protection Agency tracks generators, transporters, commercial stores and/or brokers and dispersers of PCB's in accordance with the Toxic Substance Control Act.

No listings within half of a mile radius of the subject site.

PCS Permit Compliance System

PCS is a database which contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS was developed by The U.S. Environmental Protection Agency to meet the information

needs of the NPDES program under the Clean Water Act. PCS tracks permit, compliance, and enforcement states of NPDES facilities.

No listings within half of a mile radius of the subject site.

AFS AIRS Facility System

AFS contains emissions and compliance data on air pollution point sources tracked by the U.S. EPA and state and local environmental regulatory agencies. There are seven "criteria pollutants" for which data must be reported to EPA and stored in AIRS: PM10 (particulate matters less than 10 microns in size), carbon monoxide, sulfur dioxide, nitrogen dioxide, lead, reactive volatile organic compounds (VOC), and ozone.

AFS replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aeromatic Data (SAROAD).

No listings within half of a mile radius of the subject site.

PE Section Seven Tracking System (SSTS)

SSTS evolved from the FIFRA and TSCA Enforcement System (FATES). SSTS tracks the registration of all pesticide producing establishments and tracks annually the types and amounts of pesticides, active ingredients, and devices that are produced, sold or distributed each year.

No listings within half of a mile radius of the subject site.

FIFRA FIFRA/TSCA Tracking System/ National Compliance Database (FTTS/NCDB)

NCDB supports implementation of the Federal Insecticide, Fungicide and Rodenticide Control Act (FIFRA) and the Toxic Substance Control Act (TSCA).

No listings within half of a mile radius of the subject site.

FFIS Federal Facilities Information System (FFIS)

Federal Facilities Information System (FFIS) contains a list of all Treatment Storage and Disposal Facilities (TSDs) owned and operated by federal agencies.

No listings within half of a mile radius of the subject site.

CICIS Chemicals in Commerce Information System (CICIS)

Chemicals in Commerce Information System contains an inventory of chemicals manufactured in commerce or imported for Toxic Substances Control Act regulated commercial purposes. CICIS allows EPA to maintain a comprehensive listing of over 70,000 chemical substances that are manufactured or imported and are regulated under TSCA.

No listings within half of a mile radius of the subject site.

FINDS FINDS EPA Facility Index System

The U.S. Environmental Protection Agency maintains an index system of all facilities which are regulated or have been assigned an identification number for other purposes.

Facilities that have been reported elsewhere in this report will not be included in the listing below.

No listings within half of a mile radius of the subject site.

HWIS Hazardous Waste Information System

The Department of Toxic Substance Control, California Environmental Protection Agency, maintains a data base keeping track of the movement and disposal of hazardous waste. The data is used to support the Tanner legislation, AB 2948.

Status Codes: EPA Facility Permit Number

CAL - State permanent number
CAC - State provisional or emergency number
CAH - State prov or perm number for household hazardous waste collections
CAI - State permanent number for exotic pest detection
CAS - State permanent number issued by county for emergency response
CAE - State prov number for hazardous waste removal caused by natural disasters
CAX - State permanent or provisional number issued prior to 1987. No longer used.
CLU - State permanent number issued by county for clandestine lab cleanup
CAR - Federal permanent number
CA - Federal permanent number
CAD - Federal permanent or provisional number. State provisional before 1988.
CAT - Federal permanent number
CAP - Federal provisional or emergency number

This list has been researched within half of a mile radius of the subject site.

Site: CHICO USD COHASSET ELEM
Address: 1163 E 7TH ST
City: CHICO
Map Loc: 14 - about 1.89 mile W of the subject
Status: EPA ID#: CAD981414972

Site: MIKE'S SHELL
Address: 1295 E 8TH ST
City: CHICO
Map Loc: 15 - about 1.72 mile W of the subject
Status: EPA ID#: CAL000033573

Site: TIME OIL COMPANY INC
Address: 1885 E 8TH ST
City: CHICO
Map Loc: 16 - about .92 mile NE of the subject
Status: EPA ID#: CAC000544456

Site: GIFFS AUTO
Address: 1367 E 9TH ST
City: CHICO

Map Loc: 19 - about 1.6 mile W of the subject
Status: EPA ID#: CAL000094338

Site: TED'S ELECTRIC INC.
Address: 1377 E 9TH ST
City: CHICO
Map Loc: 20 - about 1.62 mile SW of the subject
Status: EPA ID#: CAP982519555

Organics:
Unspecified solvent mixture(89: .25 ton)

Site: RROS CO PARTNERSHIP
Address: EL MONTE AVE
City: CHICO
Status: EPA ID#: CAC000256753

Site: EVERS VETERINARY CLINIC INC
Address: 1150 EL MONTE AVE
City: CHICO
Map Loc: 25 - about .39 mile SE of the subject
Status: EPA ID#: CAL000068940

Site: CHICO CITY OF FIRE DEPT
Address: 901 FIR ST
City: CHICO
Map Loc: 26 - about 1.48 mile SW of the subject
Status: EPA ID#: CAD981627110

Inorganics:
Asbestos containing waste(89: .84 91: 10.11 ton)
Organics:
Unspec oil cont waste(91: 1.83 ton)
Polychlorinated biphenyls(91: .8 ton)
Other organic solids(89: 16.85 91: 1.65 ton)
Sludges:
Unspecified sludge(91: 4.5 ton)
Miscellaneous:
Empty non-pesticide cont>30 gal(91: .32 ton)
Detergent & soaps(91: .68 ton)

Site: CALIFORNIA HIGHWAY PATROL
Address: 995 FIR ST
City: CHICO
Map Loc: 27 - about 1.4 mile SW of the subject
Status: EPA ID#: CAL000046131

Site: GLEN ORCUTT
Address: 899 FOREST AVE
City: CHICO
Map Loc: 28 - about .66 mile SE of the subject

Status: EPA ID#: CAC000878824

Site: ALTERNATIVE MATERIALS TECH
Address: 1266 HUMBOLDT RD
City: CHICO
Map Loc: 31 - about 1.68 mile SW of the subject
Status: EPA ID#: CAP601252534

Site: ARTHUR LAMBERT D.D.S.
Address: 1459 HUMBOLDT RD
City: CHICO
Map Loc: 32 - about 1.3 mile S of the subject
Status: EPA ID#: CAL922733624

Site: CHICO POLICE DEPARTMENT
Address: 1460 HUMBOLDT RD
City: CHICO
Map Loc: 33 - about 1.29 mile SW of the subject
Status: EPA ID#: CAC001053536

Site: HIGNELL AND HIGNELL INC
Address: 1500 HUMBOLDT RD
City: CHICO
Map Loc: 34 - about 1.19 mile S of the subject
Status: EPA ID#: CAP982450330

Site: GEORGE LUIZA
Address: 1761 MODOC DR
City: CHICO
Map Loc: 35 - about 1.06 mile NE of the subject
Status: EPA ID#: CAC000774872

Site: STEPHEN E. DELIA
Address: 1256 VALLOMBROSA AVE
City: CHICO
Map Loc: 37 - about 1.45 mile NW of the subject
Status: EPA ID#: CAC000820896

The Corteses Bill (AB2013), enacted in 1983, required registration of all underground storage tanks (UST) with the State Water Quality Control Board by July 1, 1984. About 176,000 tanks and surface impounds were registered between 1984 and 1987. An amendment (AB 1413) was passed in 1987, effectively removing the State Board from the registration process starting January 1, 1988. The data reflects the information collected by the state between 1984 and 1987 as well as recent time and includes all tanks and surface impounds in use or closed after 1974.

Home and farm heating fuel tanks with capacities of 1,100 gallons or less and "structures such as sumps, separators, storm drains, catch basins, oil field gathering lines, refinery pipelines, lagoons, evaporation ponds, well cellars, separation sumps, lined and unlined pits, sumps and lagoons" except those defined as UST under HSWA or may be regulated to protect water quality under the Porter-Cologne Water Quality Control Act are excluded.

This list has been researched within half of a mile radius of the subject site.

Site: 8TH & 9TH ST AUTHOMTIVE
Address: 1295 E 8TH ST
City: CHICO
Map Loc: 15 - about 1.72 mile W of the subject
Status: 040001015 (192005)

Site: MIKE'S SHELL SERVICE
Address: 1295 E 8TH ST
City: CHICO
Map Loc: 15 - about 1.72 mile W of the subject
Status: 00000036298 (1987&93)

Activity: GAS STATION
5000 gallon tank (waste oil), installed in 1984
5000 gallon tank (unleaded), installed in 1963
7500 gallon tank (regular), installed in 1963
8000 gallon tank (premium), installed in 1963

Site: 8TH ST 76
Address: 1295 E 8TH ST
City: CHICO
Map Loc: 15 - about 1.72 mile W of the subject
Status: 0000006001 (1987&A9)

Activity: GAS STATION
7500 gallon tank (regular), installed in 1963
5000 gallon tank (waste oil), installed in 1984
5000 gallon tank (unleaded), installed in 1963
8000 gallon tank (premium)

Site: SUPER SHOPPER MARKET
Address: 1885 E 8TH ST
City: CHICO
Map Loc: 16 - about .92 mile NE of the subject
Status: 040008186 (192005)

Site: SUPER SHOPPER GAS MART
Address: 1885 E 8TH ST
City: CHICO
Map Loc: 16 - about .92 mile NE of the subject
Status: 0000008186 (1987&A9)

Activity: GAS STATION

8000 gallon, single-walled, unlined, carbon steel tank , installed in 1970
12000 gallon, single-walled, unlined, carbon steel tank , installed in 1970

Site: CITY OF CHICO
Address: 901 FIR ST
City: CHICO
Map Loc: 26 - about 1.48 mile SW of the subject
Status: 0400042698 (192005)

Site: CITY OF CHICO
Address: 901 FIR ST
City: CHICO
Map Loc: 26 - about 1.48 mile SW of the subject
Status: 0000042698 (1987&A9)

6000 gallon tank (waste oil), installed in 1977
4000 gallon tank (regular), installed in 1977
4000 gallon tank (unleaded), installed in 1977

Site: CALIFORNIA HIGHWAY PATROL
Address: 995 FIR ST
City: CHICO
Map Loc: 27 - about 1.4 mile SW of the subject
Status: 0400017941 (192005)

Site: STATE OF CALIFORNIA
Address: 995 FIR ST
City: CHICO
Map Loc: 27 - about 1.4 mile SW of the subject
Status: 0000017941 (1987&A9)

Activity: CHP
12000 gallon, single-walled, unlined, fiberglass tank (unleaded), installed in 1978

Site: CALIFORNIA HIGHWAY PATROL
Address: 995 FIR ST
City: CHICO
Map Loc: 27 - about 1.4 mile SW of the subject
Status: 0000035398 (1987&A9)

Activity: CHP
single-walled, unlined, concrete tank

Site: 7 - 11 STORE - #32401
Address: 1111 FOREST AVE
City: CHICO
Map Loc: 29 - about .64 mile NE of the subject
Status: 0400012611 (192005)

Site: SOUTHLAND 7-ELEVEN #32401
Address: 1111 FOREST AVE
City: CHICO
Map Loc: 29 - about .64 mile NE of the subject
Status: (1999&A9)

Site: OLD CORPORATION YARD
Address: HUMBOLDT RD
City: CHICO
Status: 00000042453 (198798A)

tank
tank

Site: CHARLES W. LOHSE
Address: HWY 32
City: CHICO
Status: 0400037311 (192005)

Site: CHARLES W. LOHSE
Address: HWY 32
City: CHICO
Status: 37311 (19)

Site: CHARLES W. LOHSE
Address: HWY 32
City: CHICO
Status: 00000052471 (1987&98)

550 gallon, single-walled, carbon steel tank (regular), installed in 1974

Site: KENNETH W. TEEL
Address: PO BOX 3258
City: CHICO
Status: 00000030657 (1987)

Activity: FARM
450 gallon, single-walled, unlined, steel clad tank (regular), installed in 1940
350 gallon, single-walled, unlined, steel clad tank (waste oil), installed in 1940

Site: STEPHEN E DELIA
Address: 1256 VALLOMBROSA AVE
City: CHICO
Map Loc: 37 - about 1.45 mile NW of the subject
Status: (191998I)

APPENDIX

FIRE INSURANCE MAP REVIEW

FIRE INSURANCE MAP REVIEW

Fire insurance maps are large-scale maps that depict the commercial, industrial and residential sections of some twelve thousand cities and towns in the United States. These specialized maps were first prepared for the exclusive use of fire insurance companies and underwriters to provide accurate, current and detailed information about the buildings they were insuring. Information relied upon in place of personal examinations of property. Fire insurance maps show the size, shape and construction of dwellings, commercial buildings and factories, as well as indicate widths and names of streets, property boundaries, and house and block numbers. The primary benefit of reviewing fire insurance maps is to analyze historical land use of a subject property and its immediate area. In this review, special emphasis is given to the existence and location of fuel storage tanks, flammable or other potentially hazardous substances, as well as the nature of businesses located on site.

No Fire Insurance Maps are available for the area surrounding the subject site. Lack of coverage of the site indicates an area of little commercial development prior to 1950.

