

Appendix 28

Public Health and Environmental Hazards

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Appendix 28A

California Superfund and Brownfield Sites

APPENDIX 28A

California Superfund and Brownfield Sites

Location	Site Name	Type
Alameda	Amco Chemical (DC Metals)	Superfund
Alameda County	Ashland Community	Brownfields
Alameda	Cherryland Community	Brownfields
Alameda & San Joaquin Counties	Lawrence Livermore National Laboratory (Site 300) (USDOE)	Superfund
Alhambra	San Gabriel Valley Area 3	Superfund
Alpine County	Leviathan Mine	Superfund
Alviso	South Bay Asbestos Area	Superfund
Anaheim	Anaheim Redevelopment Project Area	Brownfields
Anaheim	West Anaheim Commercial Corridors Redevelopment Project Area	Brownfields
Arvin	Brown & Bryant, Inc. (Arvin Plant)	Superfund
Atwater	Castle Air Force Base	Superfund
Azusa, Baldwin Park, Irwindale, West Covina, La Puente, Industry	San Gabriel Valley (Area 2 – Baldwin Park)	Superfund
Bakersfield	Downtown Bakersfield	Brownfields
Bakersfield	Old Town Kern–Pioneer	Brownfields
Bakersfield	Southeast Bakersfield	Brownfields
Barstow	Barstow Marine Corps Logistics Base	Superfund
Butte County	Louisiana–Pacific Corp.	Superfund
Carson	110/405 Mixed Use Project	Brownfields
Casmalia	Casmalia Resources	Superfund
City of Industry, Puente Valley	San Gabriel Valley (Area 4 – City of Industry and Puente Valley)	Superfund
Clear Lake	Sulphur Bank Mercury Mine	Superfund
Cloverdale	MGM Brakes	Superfund
Colton	City Center–Rancho Mill Street	Brownfields
Concord	Concord Naval Weapons Station	Superfund
Crescent City	McNamara & Peepe Sawmill	Superfund
Culver City	Culver City Park Boneyard site (9100 Jefferson Boulevard)	Brownfields

Location	Site Name	Type
Cupertino	Intersil, Inc./ Siemens Components	Superfund
Davis	Frontier Fertilizer	Superfund
Davis	Lehr/Old Campus Landfill (USDOE) Laboratory for Energy Related	Superfund
Del Norte County	Del Norte Pesticide Storage	Superfund
Downey	Boeing North American, Inc.	Superfund
East Palo Alto	Bay-Clarke Project Area	Brownfields
East Palo Alto	People's Plaza site	Brownfields
East Palo Alto	Ravenswood Industrial Area	Brownfields
El Monte, South El Monte, Whittier Narrows	San Gabriel Valley (Area 1 - El Monte, South El Monte, Whittier)	Superfund
El Toro	El Toro Marine Corps Air Station	Superfund
Emeryville	EmeryStation II (6121 Hollis Street)	Brownfields
Emeryville	Hollis Street, Park Avenue, San Pablo Avenue Corridors	Brownfields
Eureka	Old Carson Mill Site	Brownfields
Felton	Valeteria Dry Cleaners	Superfund
Fillmore	Pacific Coast Pipe Line	Superfund
Fresno	Fresno Drum	Superfund
Fresno	Fresno Municipal Sanitary Landfill	Superfund
Fresno	T.H. Agriculture & Nutrition Company	Superfund
Fresno County	Coalinga Asbestos Mine	Superfund
Fresno County	Purity Oil Sales, Inc.	Superfund
Fresno County	Selma Treating Co.	Superfund
Fresno/San Benito Counties	Atlas Asbestos Mine	Superfund
Fullerton	McColl	Superfund
Gardena	Discount Price Land & Gardena SUMP sites	Brownfields
Gardena	North Gardena	Brownfields
Glendale	San Fernando Valley (Area 2 - Glendale)	Superfund
Glendale	San Fernando Valley (Area 3 - Verdugo)	Superfund
Happy Camp	Grey Eagle Mine	Superfund
Hoopla	Celtor Chemical Works	Superfund
Hoopla Valley Indian Reservation	former lumber mill site	Brownfields

Location	Site Name	Type
Humboldt County	Samoa Peninsula	Brownfields
Imperial	Stoker Co.	Superfund
Kern County	Edwards Air Force Base	Superfund
Livermore	Hexcel Corp.	Superfund
Livermore	Lawrence Livermore National Laboratory, Main Site (USDOE)	Superfund
Livermore	Lawrence Livermore National Laboratory (Site 300) (USDOE)	Superfund
Long Beach	55th Way site-Long Beach/Signal Hill border	Brownfields
Long Beach	Memorial Heights	Brownfields
Long Beach	Third Street Corridor	Brownfields
Long Beach	Willmore-Drake Historic Neighborhood	Brownfields
Los Angeles	3773-75 South Crenshaw Blvd.	Brownfields
Los Angeles	Alameda Corridor	Brownfields
Los Angeles	Del Amo Facility	Superfund
Los Angeles	Montrose Chemical Corp.	Superfund
Los Angeles	San Fernando Valley (All Areas)	Superfund
Los Angeles	San Fernando Valley (Area 4 - Pollock)	Superfund
Los Angeles	San Gabriel Valley (All Areas)	Superfund
Los Angeles County	Cities of Bell, Bell Gardens, Commerce, Compton, Cudahy, Huntington Park, Maywood, Paramount, South Gate, and Vernon	Brownfields
Los Angeles County	Syntnum Corporation	Superfund
Lynwood	I-105 Freeway area	Brownfields
Madera County	Ahwahnee	Brownfields
Madera County	North Fork lumber mill	Brownfields
Maywood	Pemaco	Superfund
McFarland	McFarland Study Area	Superfund
Mendocino County	Coast Wood Preserving	Superfund
Modesto	Modesto Ground Water Contamination	Superfund
Montebello	Southeast Montebello	Brownfields
Monterey County	Firestone Tire & Rubber Co. (Salinas Plant)	Superfund

Location	Site Name	Type
Monterey County	Fort Ord	Superfund
Monterey Park	Operating Industries, Inc. Landfill	Superfund
Mountain View	CTS Printex, Inc.	Superfund
Mountain View	Intel Corp. (Mountain View Plant)	Superfund
Mountain View	Jasco Chemical Corp.	Superfund
Mountain View	Middlefield-Ellis-Whisman	Superfund
Mountain View	Raytheon Corp.	Superfund
Mountain View	Spectra-Physics, Inc.	Superfund
Mountain View	Teledyne Semiconductor	Superfund
Mountain View	Fairchild Semiconductor Corp. (Mountain View)	Superfund
Mountain View	GTE	Superfund
National City	Harbor District project area	Brownfields
Nevada County	Lava Cap Mine	Superfund
North Hollywood & Burbank	San Fernando Valley (Area 1 - North Hollywood)	Superfund
Oakland	Oakland Industrial Corridor Area	Brownfields
Oakland	10900 Edes Avenue	Brownfields
Oakland	Central District Redevelopment Area	Brownfields
Oakland	Coliseum Redevelopment Area	Brownfields
Oakland	DC Metals	Superfund
Oakland	Fruitvale Transit Village site	Brownfields
Oakland	Uptown Area site	Brownfields
Oakland	Verdese Carter Park	Non-NPL Cleanup
Oakley	Downtown Area	Brownfields
Oakley	Southern Main Street	Brownfields
Oakley	Western Entryway	Brownfields
Orange	Cerro Villa site	Brownfields
Orange	Railroad Property	Brownfields
Orland	Orland Dry Cleaners	Superfund
Oroville	Koppers Industries Inc. (Oroville Plant)	Superfund
Oroville	Western Pacific Railroad Co.	Superfund
Palo Alto	Hewlett-Packard (620-640 Page Mill Road)	Superfund

Location	Site Name	Type
Palos Verdes Peninsula	Palos Verdes Shelf	Superfund
Pasadena	Jet Propulsion Laboratory (NASA)	Superfund
Petaluma	Sola Optical USA, Inc.	Superfund
Pinedale	Industrial Waste Processing	Superfund
Placer County	Polar Star Mine	Superfund
Pomona	Redevelopment Project Areas	Brownfields
Porterville	Beckman Instruments (Porterville Plant)	Superfund
Rancho Cordova	Aerojet General Corp.	Superfund
Rialto	Denova Environmental, Inc.	Superfund
Richmond	Liquid Gold Oil Corp.	Superfund
Richmond	Southern Waterfront	Brownfields
Richmond	United Heckathorn Co.	Superfund
Riverside	Alark Hard Chrome	Superfund
Riverside County	March Air Force Base	Superfund
Riverside County	Stringfellow	Superfund
Rodeo	Rodeo Waterfront	Brownfields
Sacramento	CADA Warehouse Site (R Street Corridor)	Brownfields
Sacramento	El Monte Triangle	Brownfields
Sacramento	Fremont Community Garden Site (Fremont Park neighborhood)	Brownfields
Sacramento	Jibboom Junkyard	Superfund
Sacramento	North Sacramento	Brownfields
Sacramento	Oak Park	Brownfields
Sacramento	R Street Corridor	Brownfields
Sacramento	Sacramento Army Depot	Superfund
Sacramento	Stockton Boulevard	Brownfields
Sacramento County	Mather Air Force Base	Superfund
Sacramento County	McClellan Air Force Base (Groundwater Contamination)	Superfund
Salinas	Crazy Horse Sanitary Landfill	Superfund
San Bernardino	Newmark Groundwater Contamination	Superfund
San Bernardino	Norton Air Force Base	Superfund

Location	Site Name	Type
San Bernardino County	Cooley Ranch	Brownfields
San Diego	Barrio Logan Neighborhood	Brownfields
San Diego County	Camp Pendleton Marine Corps Base	Superfund
San Francisco	South Bayshore area	Brownfields
San Francisco	Hunters Point Naval Shipyard	Superfund
San Joaquin County	Sharpe Army Depot	Superfund
San Joaquin County	Tracy Defense Depot	Superfund
San Jose	Fairchild Semiconductor Corp. (South)	Superfund
San Jose	Lorentz Barrel & Drum Co.	Superfund
Santa Barbara County	Goleta Old Town area	Brownfields
Santa Clara	Applied Materials	Superfund
Santa Clara	Intel Corp. (Santa Clara III)	Superfund
Santa Clara	Intel Magnetics / Micro Storage	Superfund
Santa Clara	National Semiconductor Corp.	Superfund
Santa Clara	Synertek, Inc. (Building 1)	Superfund
Santa Clara County	Moffett Naval Air Station	Superfund
Santa Fe Springs	Waste Disposal, Inc.	Superfund
Santa Rosa	Gateway Redevelopment Area	Brownfields
Santa Rosa	Railroad Square district	Brownfields
Scotts Valley	Watkins-Johnson Company, Stewart Division	Superfund
Shasta County	Iron Mountain Mine	Superfund
Signal Hill	Enviropur West Corporation	Superfund
Signal Hill	Various Sites	Brownfields
Solano County	Travis Air Force Base	Superfund
Sonoma County	Geysers	Superfund
South Gate	Cooper Drum Co.	Superfund
Stanislaus County	Riverbank Army Ammunition Plant	Superfund
Stanislaus County	Valley Wood Preserving, Inc.	Superfund
State of California	California Mill Reuse Program	Brownfields
Stockton	McCormick & Baxter Creosoting Co.	Superfund
Stockton	Waterfront Area	Brownfields

Location	Site Name	Type
Sunnyvale	Advanced Micro Devices, Inc.	Superfund
Sunnyvale	Advanced Micro Devices, Inc. (Building 915)	Superfund
Sunnyvale	Monolithic Memories	Superfund
Sunnyvale	TRW Microwave, Inc. (Building 825)	Superfund
Sunnyvale	Westinghouse Electric Corp. (Sunnyvale Plant)	Superfund
Tempe	South Indian Bend Wash Area	Superfund
Union City	Decoto neighborhood	Brownfields
Union City	Old Alvarado neighborhood	Brownfields
Ventura	Westside Community	Brownfields
Victorville	George Air Force Base	Superfund
Visalia	Southern California Edison Co. (Visalia Poleyard)	Superfund
Weed	JH Baxter & Co.	Superfund
West Hollywood	Gateway area/East Side area	Brownfields
West Sacramento	West Capitol Avenue Corridor area	Brownfields
Westminster	Ralph Gray Trucking Co.	Superfund
Whittier	Omega Chemical Corporation	Superfund

Source: Environmental Protection Agency, Pacific Southwest, Region 9. <http://www.epa.gov/region9/cleanup/california.html>

Appendix 28B

Mosquitoes and Other Vectors

APPENDIX 28B.

Mosquitoes and Other Vectors

Table 28B-1
Mosquitoes and Other Vectors Found in Tehama, Glenn, and Colusa Counties

Vector	Seasonal Activity	Preferred Host	Preferred Habitat
Mosquitoes			
<i>Culex</i> sp. (<i>apicalis</i> , <i>boharti</i> , <i>tarsalis</i> , <i>territans</i> , <i>thriambus</i> , <i>pipiens</i> , <i>erythrothorax</i> , and <i>stigmatosoma</i>): some of these mosquitoes can transmit the encephalitis (sleeping sickness) virus to humans	Active in spring, summer, and fall; attack at dusk and after dark	Birds, mammals, humans, amphibians, and reptiles <i>Culex boharti</i> is not known to bite humans	Wetlands, duck clubs, rice fields, irrigated crops, along the edges of slow streams, rock pools, isolated ponds, and hoofprints along streams and creeks
<i>Anopheles</i> sp. (<i>freeborni</i> , <i>punctipennis</i> , and <i>franciscanis</i>): these mosquitoes can transmit the malaria parasite to humans	Active in spring, summer, and fall – is a pest in the Sacramento Valley beginning in late winter until early fall	Mammals and humans	Rice fields wetlands, duck clubs, and rain pools
<i>Ochlerotatus</i> sp. (<i>nigromaculis</i> , <i>melanimon</i> , <i>sierrensis</i> , <i>sticticus</i> , <i>cataphylla</i> , <i>fitchii</i> , <i>hexodontus</i> , <i>tahoensis</i> , and <i>increditus</i> complex): <i>sierrensis</i> can transmit the dog heartworm parasite; <i>melanimon</i> is involved in the encephalitis virus cycle	Active in spring, summer, and fall; attack early in the morning, at dusk, and into the evening	Mammals and humans	Oak woodlands, wetlands, duck clubs, pastures, ditches, ponds, pools, densely shaded water sources
<i>Aedes</i> sp. <i>vexans</i> and <i>hemiteleus</i> : painful and persistent biters; known to fly many miles from their breeding sources	Active in spring, summer, and fall; attack early in the morning, at dusk, and into the evening	Mammals and humans	Shaded areas and cold woodland pools; usually do not enter dwellings
<i>Orthopodomyia signifera</i> : a vector of encephalitis	Active in spring and summer	Mammals and humans	Willows and cottonwoods (treeholes), in holes that contain water year-round
<i>Culiseta</i> sp. (<i>incidens</i> , <i>inornata</i> , and <i>particeps</i>): moderately aggressive biters	Active in spring, summer, and fall; attack in the evening or in the shade during the day	Mammals and humans	Shaded areas (clean pools and streams)
Ticks			
Western black-legged tick (<i>Ixodes pacificus</i>): transmits Lyme Disease	Active from October to July	Larvae and nymphs feed on lizards, birds, and mammals; adults feed on large mammals (deer, fox) and humans	Areas of high humidity; usually found in grassy areas, in brush, or in wooded areas

**Table 28B-1
Mosquitoes and Other Vectors Found in Tehama, Glenn, and Colusa Counties**

Vector	Seasonal Activity	Preferred Host	Preferred Habitat
Pacific coast tick (<i>Dermacentor occidentalis</i>): transmitter of Colorado tick fever and Tularemia	Active from November to June	Larvae and nymphs feed on small rodents; adults feed on large mammals, especially deer	Areas of high humidity
American dog tick (<i>Dermacentor variabilis</i>): transmitter of Rocky Mountain spotted fever	Active from May to August	Larvae, nymphs, and adults feed on larger mammals like dogs	Areas of high humidity
Bees			
European honeybee (<i>Apis mellifera</i> *): commonly used by beekeepers for honey production and pollination of crops	All seasons	Humans, pets, and domestic and wild animals	In enclosed areas such as tree or wall cavities, and culverts and pipes; and in exposed areas such as under bridges and in trees and shrubs
Yellowjackets			
Western yellowjacket (<i>Vespula pennsylvanica</i>): a major pest species in California	Active in summer	Humans	Garbage receptacles in picnic areas; abandoned rodent burrows, house walls and attics
German yellowjacket (<i>Vespula germanica</i>): not native to California, but has become established in Sacramento, Glenn, and Colusa counties	Expected to be active in spring and summer (nests decline in late August to September)	Humans	Hollow walls, attics, or aerial nests
Stinging Ants			
Southern fire ant (<i>Solenopsis spp</i>)	Active in late spring, summer, and early autumn	Will sting humans and domestic and wild animals; feed on sap and bark of nut trees, and farm crops	Nest in moist soil often found in housing developments, irrigated farmland, and orchards; or adjacent to watering holes on rangelands, lakes, ponds and streams
Red imported fire ant (<i>Solenopsis invicta</i>)	Active in late spring, summer, and early autumn	Will sting humans and domestic and wild animals; feed on sap and bark of nut trees, and farm crops	Nest in moist soil often found in housing developments, irrigated farmland, and orchards; or adjacent to watering holes on rangelands, lakes, ponds and streams

Table 28B-1
Mosquitoes and Other Vectors Found in Tehama, Glenn, and Colusa Counties

Vector	Seasonal Activity	Preferred Host	Preferred Habitat
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*The Africanized honey bee is the result of cross-breeding the African honey bee with the European honey bee. It is more aggressive than the European honey bee. The Africanized honey bee entered California in 1994, and has been found in Los Angeles in 1998. Most counties in Southern California are considered colonized by Africanized honey bees (Los Angeles County West Vector Control District, 2004). As of November, 2011, no sign of them exists in northern California (Center for Invasive Species Research, University of California, Riverside).

Sources:

Alameda County Mosquito Abatement District, 1999.
 Alameda County Mosquito Abatement District, 2004.
 American Mosquito Control Association, 2004.
 Cavier, 2004.
 Center for Invasive Species Research, University of California, Riverside, 2011.
 Jetter et al, 2002.
 Kiely, 2004.
 Los Angeles County West Vector Control District, 2004.
 Sacramento-Yolo Mosquito and Vector Control District, 2004.
 Walter Reed Army Institute of Research, Walter Reed Biosystematics Unit, 2004.

Alameda County Mosquito Abatement District. 1999. The Alameda County Mosquito Abatement District Control Program.

Alameda County Mosquito Abatement District. 2004. Ochlerotatus Mosquitoes of California. Accessed online at <http://www.mosquitoes.org/Ochlerotatus.htm> on December 7, 2004; Culex Mosquitoes of California. Accessed online at <http://www.mosquitoes.org/CulexCal.htm> on December 7, 2004; Culiseta Mosquitoes of California. Accessed online at <http://www.mosquitoes.org/Culiseta.html> on December 7, 2004; and Miscellaneous Mosquitoes of California. Accessed online at <http://www.mosquitoes.org/MiscMosq.html> on December 7, 2004.

American Mosquito Control Association. 2004. Mosquito Information: Mosquito Adult. Accessed online at <http://www.mosquito.org.info.php> on July 19, 2004.

Cavier Jr., Jack. Manager. Glenn County Mosquito and Vector Control District (GCMVCD). 2004. Personal communication with Wendy Haydon/CH2M HILL on July 14.

Center for Invasive Species Research, University of California, Riverside. Distribution of Africanized Honey Bees in California, Updated November, 2011. Accessed online at http://cistr.ucr.edu/africanized_honey_bee.html, on May 8, 2012.

Jetter, Karen, Hamilton, Jay, and Koltz, John. 2002. Red imported fire ants threaten agriculture, wildlife and homes. California Agriculture, Volume 56, Number 1.

Kiely, Dan. Operations Supervisor. Colusa County Mosquito Abatement District (CCMAD). 2004. Personal communication with Wendy Haydon/CH2M HILL on July 21.

Los Angeles County West Vector Control District. 2004. Honey Bees in Los Angeles. Accessed online at <http://www.lawestvector.org/beebiology.htm> on July 18, 2004.

Sacramento-Yolo Mosquito and Vector Control District. 2004. Vector Information. Accessed online at <http://www.sac-yolomvcd.com/vectorinfo.htm> on July 16, 2004.

Walter Reed Army Institute of Research, Walter Reed Biosystematics Unit (WRBU). 2004. Ae. (Aed.) hemiteleus classification. Accessed online at <http://wrbu.si.edu/www/culcidae/culcinae/ae/aed/hemiteleus/hemiteleus.html> on December 7, 2004.

**Table 28B-2
Diseases Associated with Mosquitoes, Ticks, and other Vectors**

Disease Name	Description of Disease
Encephalitis	<p>Encephalitis, also known as sleeping sickness, is caused by a virus that can cause inflammation of the brain. Severe cases can result in mental retardation, motor impairment, or death. Mosquitoes become infected while feeding on birds that harbor the virus; they can then transmit the virus to other animals. California vectors are the encephalitis mosquito (<i>Culex tarsalis</i>) and the wetlands mosquito (<i>Ochlerotatus melanimon</i>) (Sacramento-Yolo Mosquito and Vector Control District, 2004).</p> <p>There are several virus agents of encephalitis in the northern United States: West Nile virus, Eastern equine encephalitis^a, Western equine encephalitis^b, St. Louis encephalitis^c, La Crosse encephalitis^a, dengue^a, and yellow fever^a, all of which are transmitted by mosquitoes. Another virus, Powassan, is a minor cause of encephalitis in the northern United States, and is transmitted by ticks (American Mosquito Control Association, 2004).</p>
Malaria	<p>Malaria, caused by a protozoan (a single-celled organism), attacks red blood cells. Malaria is a flu-like illness that causes chills/fever/sweating and reoccurs every 2 to 3 days. The malaria parasite can cause liver and kidney damage, or death. Mosquitoes become infected while feeding on other humans that harbor the parasite. California vectors are the western malaria mosquito (<i>Anopheles freeborni</i>), the woodland malaria mosquito (<i>Anopheles punctipennis</i>), and the coastal malaria mosquito (<i>Anopheles hermsi</i>). Ten to 15 human cases of malaria are reported annually; most of these cases are from individuals who became infected outside of the U.S. (Sacramento-Yolo Mosquito and Vector Control District, 2004).</p>
Canine Heartworm	<p>Canine heartworm is caused by a worm that damages the lungs and heart of a dog. Symptoms are not evident until later stages of the disease. Dogs may develop a chronic cough, tire easily, and accumulate fluid. The heartworm parasite can cause lung, liver, and kidney damage, or death. Mosquitoes attain worms by feeding on infected dogs, coyotes, or foxes. California vectors are the western treehole mosquito (<i>Ochlerotatus sierrensis</i>), the western malaria mosquito (<i>Anopheles freeborni</i>), and <i>Aedes. vexans</i> (Sacramento-Yolo Mosquito and Vector Control District, 2004).</p>
Lyme Disease	<p>Lyme Disease is a bacterial infection that is transmitted by the Western black-legged tick in California. Early symptoms may include head and muscle aches, sore throat, nausea, fever, stiff neck, or fatigue. Approximately 50 percent of infected people develop a rash at the bite site, which sometimes resembles a bulls-eye. Later symptoms may involve the skin, eyes, heart, nervous system, brain, or joints. Early detection is important in the treatment of Lyme Disease (Sacramento-Yolo Mosquito and Vector Control District, 2004).</p>

**Table 28B-2
Diseases Associated with Mosquitoes, Ticks, and other Vectors**

Disease Name	Description of Disease
West Nile Virus	<p>West Nile Virus has more than 70 identified viruses. It includes West Nile Fever, West Nile Encephalitis (affects the brain), and West Nile Meningitis (affects brain and the membrane around it) (American Mosquito Control Association, 2004).</p> <p>West Nile virus can be caused by viruses and bacteria, including viruses transmitted by mosquitoes. Most infections are mild, and symptoms include fever, headache, and body aches, occasionally with a skin rash and swollen lymph glands. More severe infections may be marked by headache, high fever, neck stiffness, stupor, disorientation, coma, tremors, convulsions, muscle weakness, paralysis, and rarely, death. Mosquitoes acquire the virus from infected birds and then transmit the virus to people. Sixteen California counties have confirmed cases of the virus. On July 22, 2004, state health officials added Sacramento, Butte, Kings, Mendocino, San Diego, San Joaquin, Tehama, and Tulare counties to the list of California counties with confirmed cases. As of October 20, 2004, 763 people have been diagnosed with West Nile virus in California, including 10 in Tehama County, 2 in Glenn County, and 1 in Yolo County (Sacramento-Yolo Mosquito and Vector Control District. 2004).</p>

^aIs not found in California (American Mosquito Control Association, 2004).

^bIs found in California (American Mosquito Control Association, 2004).

^cThe last human case in California was 1997 (American Mosquito Control Association, 2004).

Sources:

American Mosquito Control Association, 2004.

Sacramento-Yolo Mosquito and Vector Control District, 2004.

American Mosquito Control Association. 2004. Mosquito Information: Mosquito-borne Diseases. Accessed online at <http://www.mosquito.org/info/php> on July 19, 2004.

Sacramento-Yolo Mosquito and Vector Control District. 2004. Vector-Borne Diseases. Accessed online at <http://www.sac-yolomvcd.com/arbovirus.htm> on July 16, and November 24, 2004.

**Table 28B-3
Other Potential Vectors and Nuisance Problems**

Species Name	Habitat	Associated Problems
Biting Midges, also called Biting Gnats, Punkies, and No-See-Ums (<i>Ceratopogonidae</i>)	Salt and freshwater habitats (mud, salt marshes, and intertidal sand)	Painful bites; possible allergic reaction
Non-Biting Aquatic Midges, also called Blind Mosquitoes and Fuzzy Bills (<i>Chironomidae</i>)	Swift moving streams, deep slow moving rivers, stagnant ditches, and in lakes and ponds that are rich in decomposing organic matter	Large swarms interfering with outdoor activities
Backpacker's Disease, also called Beaver Fever (<i>Giardia</i>)	Surface water	Intestinal parasite that causes the diarrheal illness giardiasis
Swimmer's Itch (<i>cercarial dermatitis</i>)	Snails in shallow waters	Mild to severe skin rash
Horse and deer flies (<i>Tabanidae</i>)	Saltmarshes, swamps, bogs, and areas along the edges of ponds, lakes, and streams	Painful bites
Conenose Bug (<i>Triatoma protracta</i>)	Wood rat nests	Bites may not be painful; severe allergic reaction in some individuals
Liver Fluke (<i>Fasciola hepatica</i>)	Snails in shallow waters	Liver parasite that causes an infection of the bile ducts and liver

Source: Apperson, Waldvogel, and Bambara, 2006; Bartlett, 1999; CDC, 2010, 2012; Greenberg and Klotz, 2002; Hairston, No Date; North Carolina Extension Integrated Pest Management Program, No Date; Rutledge-Connelly, 2005.

Apperson, Charles; Michael Waldvogel; and Stephen Bambara. North Carolina State University Department of Entomology North Carolina Cooperative Extension. 2006. Residential, Structural and Community Pests Insect Note. Insect Note – ENT/rsc-15. Accessed online at <http://www.ces.ncsu.edu/depts/ent/notes/Urban/midges.htm> on November 7, 2012. Updated July.

Bartlett, Kristen. 1999. GreenShare Factsheets. Deer & Horse Flies. University of Rhode Island Landscape Horticulture Program. Accessed online at <http://www.uri.edu/cd/factsheets/sheets/deerhorseflies.html> on November 7, 2012.

Centers for Disease Control and Prevention (CDC). 2012. Swimmer's Itch. Accessed online at <http://www.cdc.gov/parasites/swimmersitch/> on November 7, 2012. Updated January 10.

Centers for Disease Control and Prevention (CDC). 2010. Fasciola – Biology. (Liver Fluke). Accessed online at <http://www.cdc.gov/parasites/fasciola/biology.html> and <http://www.cdc.gov/parasites/fasciola/index.html> on November 7, 2012.

Greenberg, L., Entomology, U.C. Riverside and J.H. Klotz, Entomology, U.C. Riverside. 2002. Conenose Bugs. Pest Notes, Publication 7455. Revised November.

Hairston, Jim. Extension Water Quality Scientist. Alabama Cooperative Extension System. No Date. *Giardia*: A Common Waterborne Disease. Accessed online at <http://www.aces.edu/dept/extcomm/newspaper/feb1b02.html> on November 7, 2012.

North Carolina Extension Integrated Pest Management Program. No Date. Biting Midges. Accessed online at http://ipm.ncsu.edu/AG369/notes/biting_midges.html on November 7, 2012.

Rutledge-Connelly, C. Roxanne. 2005. University of Florida. Biting Midges. Publication Number EENY-349. May. Accessed online at http://entnemdept.ufl.edu/creatures/aquatic/biting_midges.htm on November 7, 2012.

Appendix 28C

Environmental Records Searches

Sites Reservoir

ENVIRONMENTAL RECORD SEARCH

for the site

SITES RESERVOIR, MAXWELL CA

performed for

DEPARTMENT OF WATER RESOURCES

03-04-2010



INTRODUCTION

This document, prepared in accordance with ASTM Standard E-1527-05 and 40 CFR 312.26; Reviews of Federal, State, Tribal, and local government records on 03-04-2010 at the request of DEPARTMENT OF WATER RESOURCES, reports the findings of BBL's investigation of environmental concerns in the vicinity of Sites Reservoir, Maxwell CA.

A total of 16 records were identified, representing 15 separate sites. None of these records relates to the subject site itself.

A total of 3 records with incomplete location information were found that could be close by the subject site.

The identified sites are grouped into two separate categories - sites with known environmental concerns (5) and sites which have just operating permits (10).

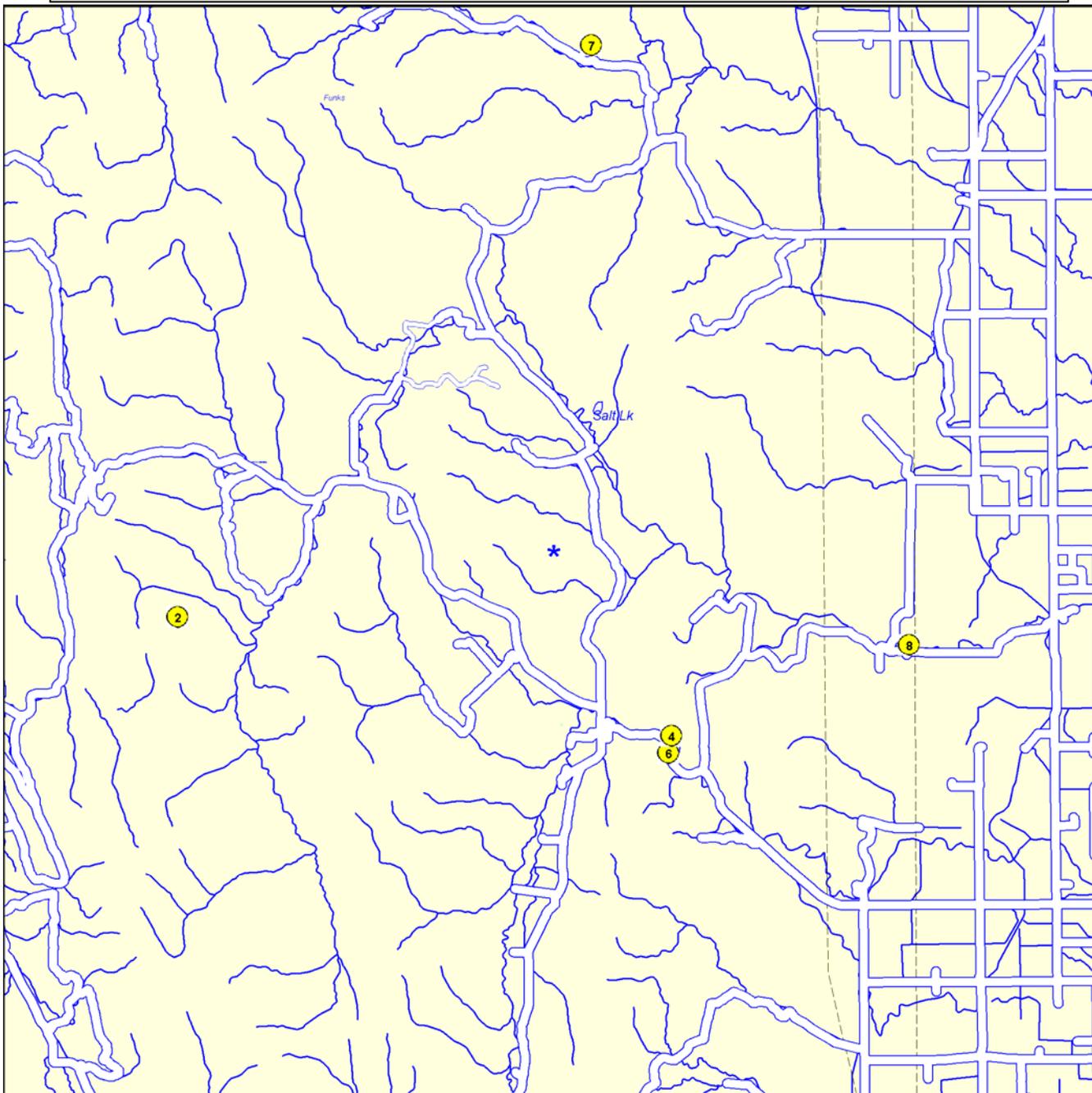
The report is divided into the following segments:

- **Overview Table** - An overview of all the identified records of concern summarized by distance and source.
- **Topographic Map** - of the surrounding area of the subject site.
- **Contour Map** - of the surrounding area of the subject site.
- **Present Aerial Photograph** - of the surrounding area of the subject site.
- **Summary** - listing of the sources investigated and identified records in order of distance to the subject property for each of the categories **Known Environmental Concerns** and **Operating Permits Only**.
- **Detailed Report** - listing of the sites with detailed status information.

SUBJECT SITE INFORMATION

Address City	SITES RESERVOIR MAXWELL CA 95979	County	
Present Tenant	N/A	Latitude Longitude	39° 20' 29" 122° 21' 1"
		Easting Northing Zone	555990m 4354652m 10

Environmental Concerns	Page	Search Dist	Site	< 1/8	1/8-1/4	1/4-1/2	1/2-1/1	area	un kwn	total
National Priority List	1	1 mile								
CERCLIS	1	1/2 mile								
NFRAP	1	1/2 mile								
Federal Facilities	2	1/2 mile								
Emergency Response Notification System	2	1/4 mile		1						1
Hazardous Material Incident Report System	2	subject								
Targeted Brownfields Assessments	2	1/2 mile								
Site Enforcement Tracking Sytem	3	1/2 mile								
Enforcement Docket (DOCKET/CDETS)	3	1/4 mile								
C-Docket	3	1/4 mile								
Integrated Compliance Information System	3	1/2 mile								
CORRACTS	3	1 mile								
RCRA - TSD Facilities	4	1/2 mile								
Indian LUST/VCP/UST	4	1/2 mile								
Federal Enforcement Dockets	4	1/4 mile								
Federal Lead	4	1 mile								
State Response	5	1/2 mile								
Voluntary Cleanup Program	5	1/2 mile								
Properties Needing Further Evaluation	5	1/2 mile								
Military Evaluation Sites	5	1/2 mile								
Expedited Remedial Action	5	1/2 mile								
Border Zone	6	1/2 mile								
School Property Evaluation Program	6	1/4 mile								
SMBRPD Land Use Restrictions	6	1/2 mile								
HWMP Deed/Land Use Restrictions	6	1/2 mile								
Corrective Action	6	1/2 mile								
Historical Sites	7	1/2 mile								
CALSITES - No Further Action	7	1/4 mile								
Cortese	7	1/2 mile								
Leaking Underground Storage Tanks	7	1/2 mile								
Solid Waste Information System	8	1 mile								
Well Investigation Program	8	1 mile								
Drinking Water Program	8	1/2 mile								
Toxic Releases	8	1/2 mile								
Land Disposal Sites	9	1/2 mile								
Toxic Pits	9	1 mile								
Solid Waste Assessment Test	9	1 mile								
Environmental Concern References				1						1
Environmental Concern Sites				5						5
Operating Permits										
RCRA Generators	10	1/4 mile		3						3
SARA Title III,section 313 (TRIS)	10	1/4 mile								
MILS Mineral Industry Location System	10	1 mile		4						4
Nuclear Regulatory Commission Licensees	11	1/4 mile								
PCB Waste Handlers Database	11	1/4 mile								
Permit Compliance System (PCS)	11	1/4 mile								
AIRS Facility System (AFS)	11	1/4 mile		1						1
Section Seven Tracking System	11	1/4 mile								
FIFRA/TSCA tracking system	12	1/4 mile								
Federal Facilities Information System (FFIS)	12	1/4 mile								
Chemicals in Commerce Information System	12	1/4 mile								
FINDS EPA Facility Index System	12	1/4 mile								
Hazardous Waste Information System	12	1/4 mile		2	1				1	4
Underground Storage Tanks	13	1/4 mile		1					2	3
Operating Permits References				11	1				3	15
Operating Permits Sites				6	1				3	10
Total References				12	1				3	16
Total Sites				11	1				3	15

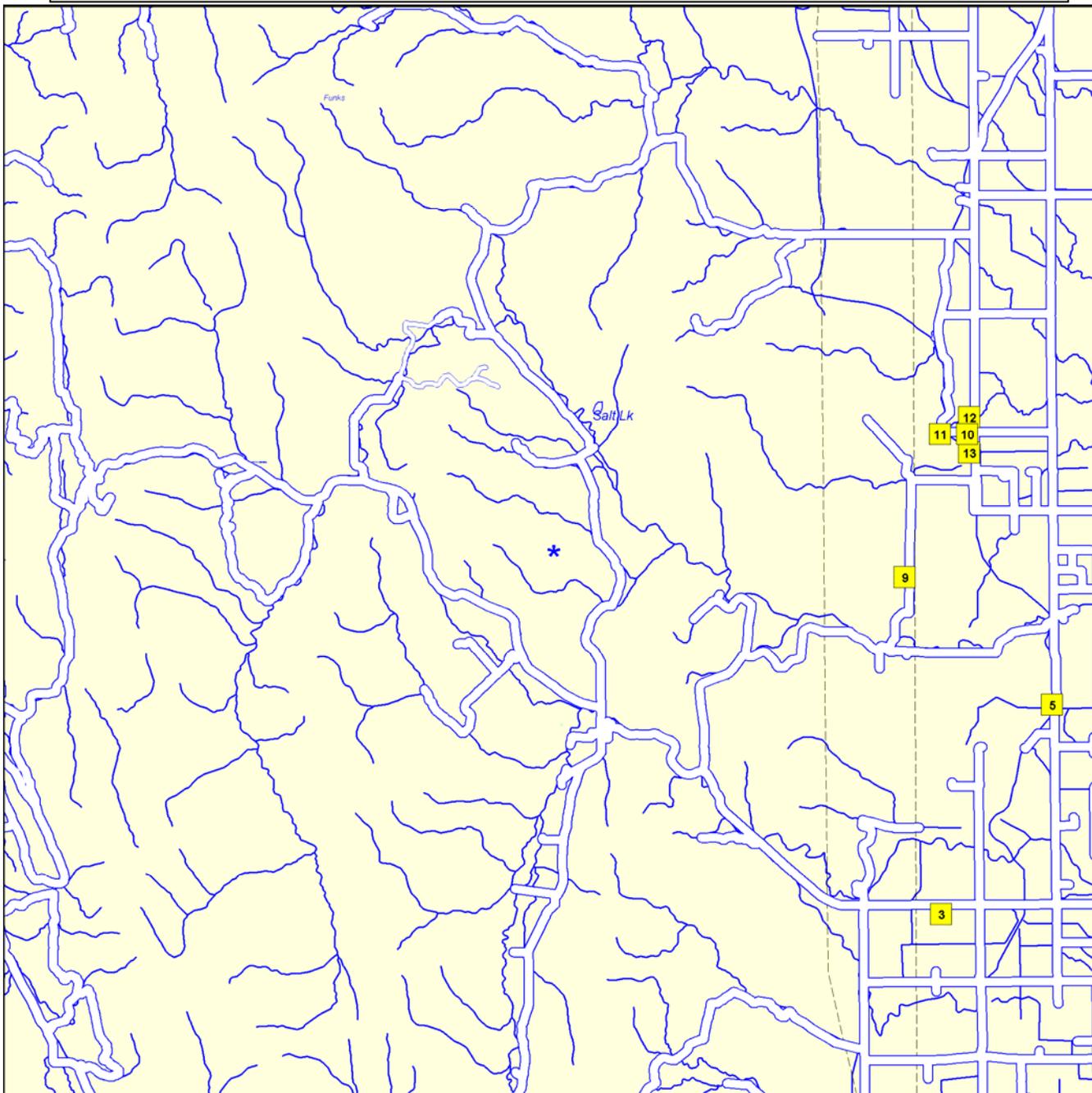


.3 inch to 1/2 mile (the circles do not include any buffer zone)



-  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 SITES RESERVOIR, MAXWELL



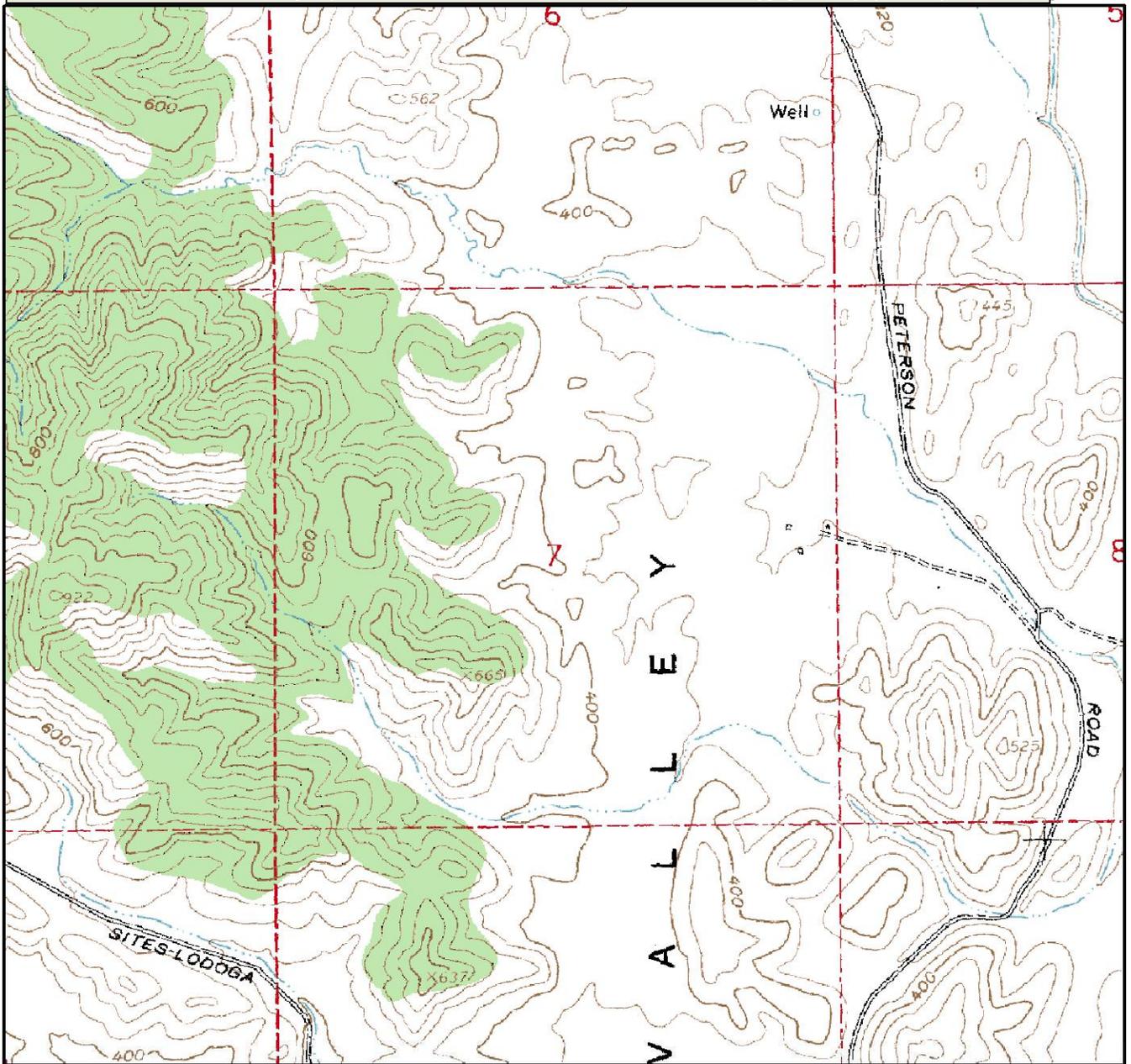
.3 inch to 1/2 mile (the circles do not include any buffer zone)



-  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 SITES RESERVOIR, MAXWELL

2.	UNNAMED LOCATION	14N/05W-17 M,
3.	K.C. WELLS, JR.	16N/04W-01,FINKS RD, 16N4W 1
4.	SANDSTONE COMPANY QUARRY	17N/04M, 17N/04W-21 , SWSWSW
5.	EMERALD FARMS	4599 MC DERMOTT RD
6.	MCGILVRAY QUARRY	17N/04W-28 M, NWNWNW
7.	TALBOT	18N/04W-08 M,
8.	DELEVAN COMPRESSOR STATION	5001 DELEVAN RD
9.	COLUSA GENERATING STATION	5025 DELEVAN RD
10.	SWINERTON & WALBERG DELEVAN PR	DIRKS & DELEVAN RD
11.	PACIFIC GAS AND ELECTRIC COMPA	4780 DIRKS RD
12.	PG&E-DELEVAN COMPRESSOR STA	DIRKS RD & RD D, OFF HWY 5
13.	PG&E- DELEVAN COMPRESSOR STATI	DIRKS RD & RD D OFF HWY 5
UNKNOWN LOCATIONS		
	BANJAMIN P. BABER	MCDERMOTT RD, 17 32 A
	PG&E PCB SPILL SITES	PCB SPILL
	JIM OWENS CATTLE COMPANY	SITES LADOGA ROAD-WEST OF MAXW17N4W 17



Scale: 1.6 inches to 1/2 mile

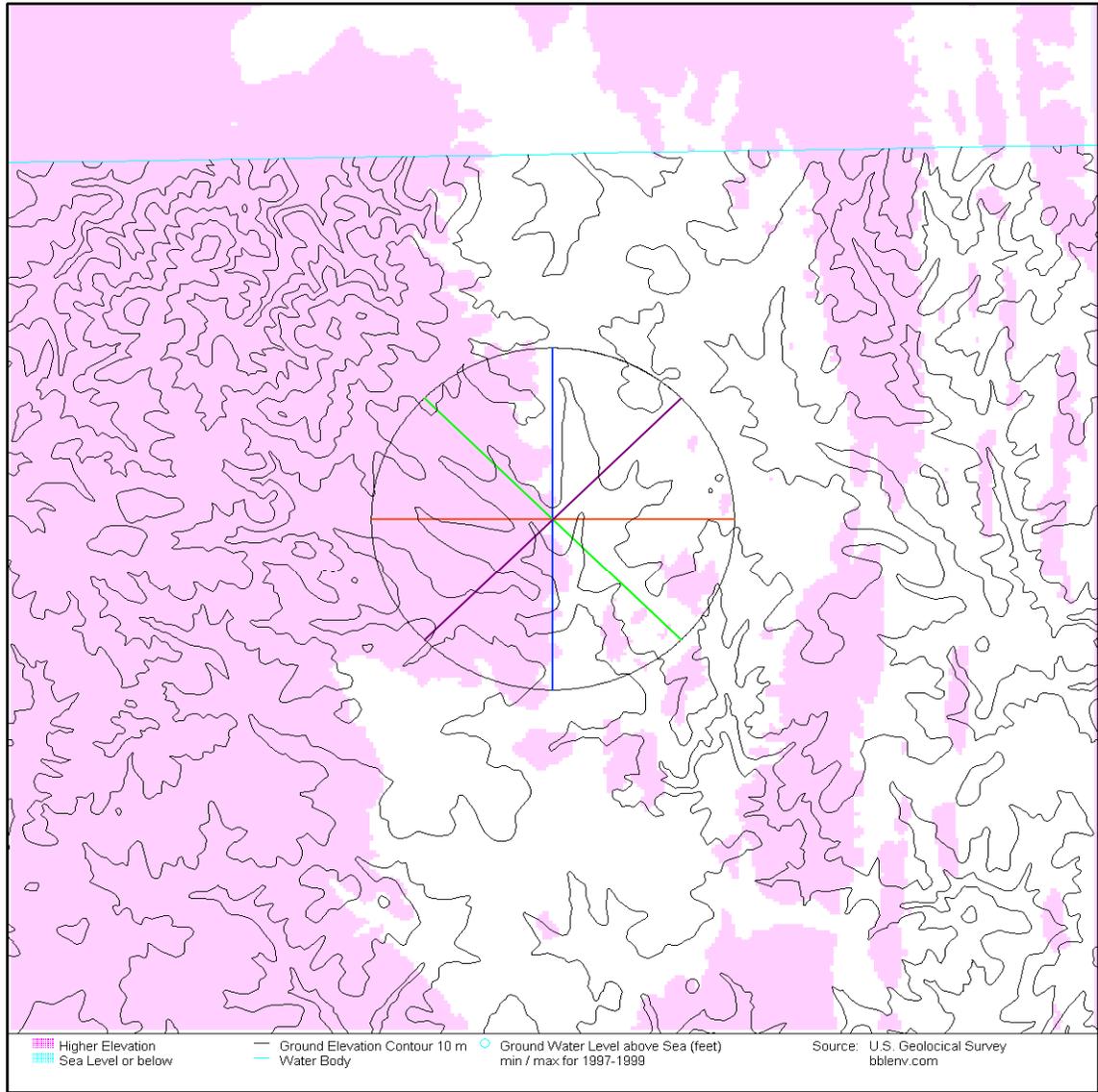


Longitude: -122° 21' 1"
Latitude: 39° 20' 28.9"
UTM Easting: 555990 meters
UTM Northing: 4354652 meters
UTM Zone: NAD 10

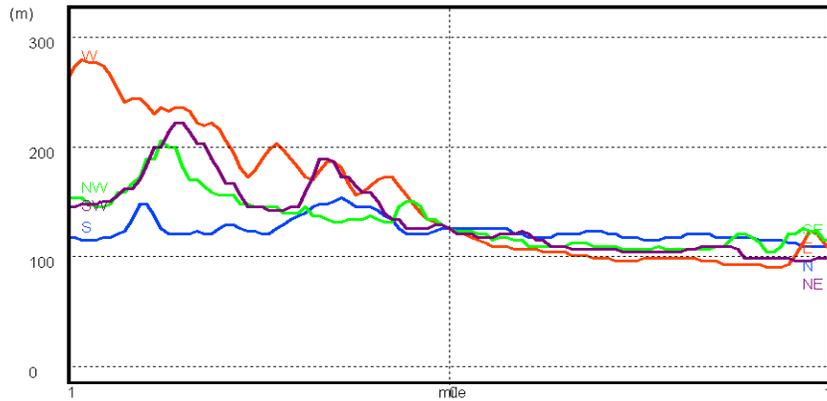
County:

Source: U.S. Dept of Interior, Geological Survey
SITES, CA 1973

TOPOGRAPHIC MAP OF THE VICINITY OF THE SUBJECT SITE LOCATED AT
SITES RESERVOIR, MAXWELL

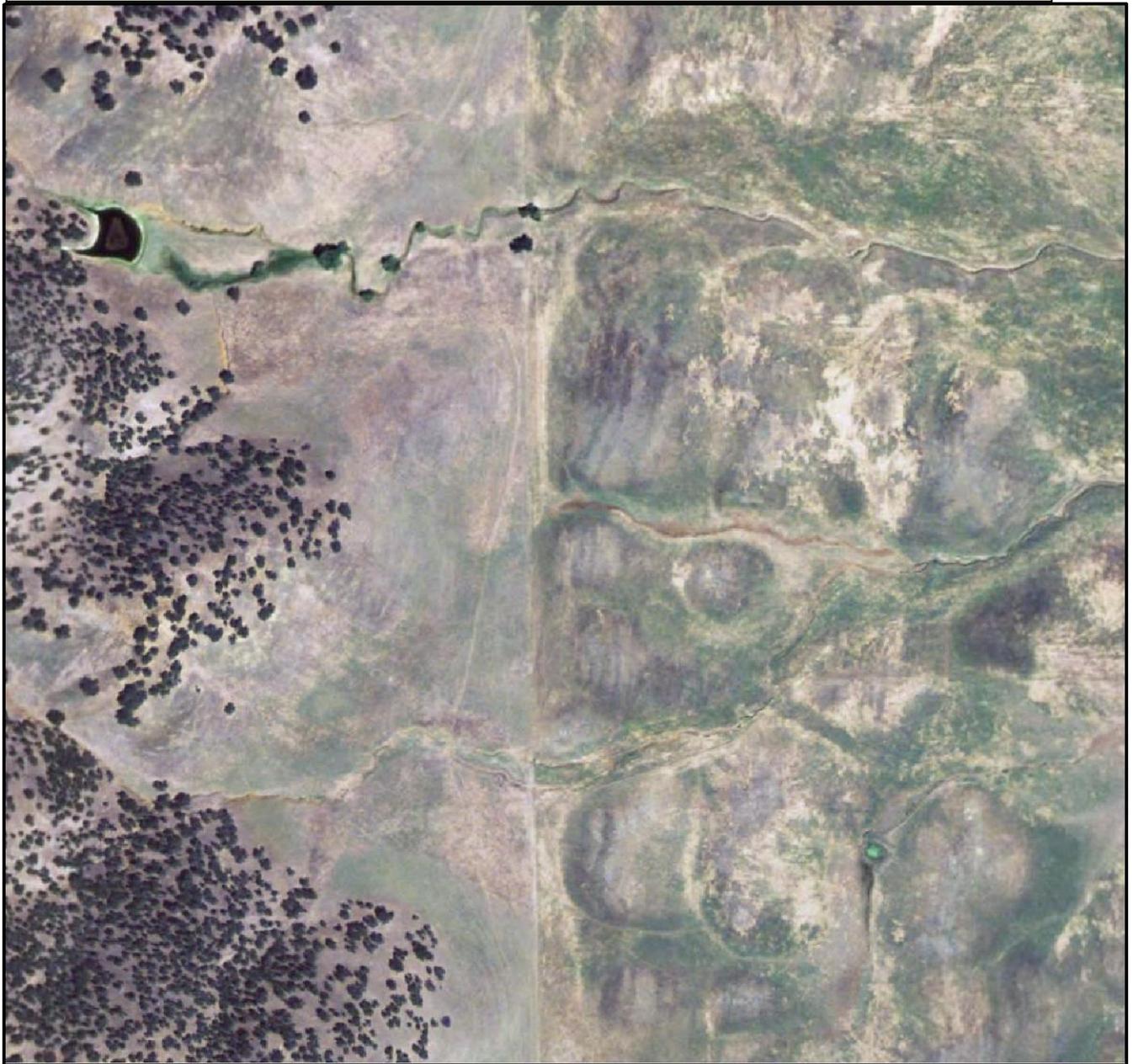


Elevation Contour overview map (6*6 mile)



Elevation Profiles (±1 mile)

CONTOUR DATA IN THE VICINITY OF THE SUBJECT SITE LOCATED AT SITES RESERVOIR, MAXWELL



Scale: 1 inch to 3168 feet



UTM North is straight up

Longitude: -122° 21' 1"
Latitude: 39° 20' 28.9"
UTM Easting: 555990 meters
UTM Northing: 4354652 meters
UTM Zone: NAD 10

County:

Project: Google Earth
Quadrangle:
Date: Present
Film Type: Color

Source: U.S. Dept of Interior, Geological Survey

AERIAL PHOTOGRAPH OF THE VICINITY OF THE SUBJECT SITE LOCATED AT SITES RESERVOIR, MAXWELL

SITES RESERVOIR, MAXWELL

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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-1527-05, the following government sources have been searched for sites at the street address, within the distances of the subject location listed below.

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.

Any Institutional/Engineering controls issued under CERCLA are described in the status detail for each site. Sites delisted from the NPL list are included here.

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

NFRAP No Further Remedial Action Planned sites (CERCLIS)

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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.

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

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 half of a 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 a quarter of a mile radius of the subject site.

DELEVAN COMPRESSOR STATION	5001 DELEVAN RD	0 mile E	# 8	page 16
	5001 DELEVAN RD	0 mile E	# 8	page 16

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.

TBA Targeted Brownfields Assessments

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EPA's Targeted Brownfields Assessment (TBA) program is designed to help states, tribes, and municipalities—especially those without EPA Brownfields Assessment Pilots/Grants—minimize the uncertainties of contamination often associated with brownfields. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Program to promote the cleanup and redevelopment of brownfields. EPA's TBA assistance is available through two sources: directly from EPA through EPA Regional Brownfields offices under Subtitle A of the law, and from state or tribal voluntary response program offices receiving funding under Subtitle C of the law

No listings within half of a mile radius 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.

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

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 a quarter 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 statutes and tracks enforcement actions from the initial stages of investigations through conclusion.

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

ICIS Integrated Compliance Information System (ICIS)

ICIS is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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

RCRA RCRA Violators List (CORRACTS)

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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.

Any Institutional/Engineering controls issued under CORRACTS are described in the status detail for each site

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 half of a mile radius of the subject site.

INDN Indian REservation LUST/VCP/UST

This database includes all environmental records from Indian Reservations such as Leaking Underground Tanks (LUST), Voluntary Cleanup Program (VCP) and Underground Storage Tanks (UST)

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

CALIFORNIA STATE SOURCES

FL State Response Sites - Federal Lead

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The Site Mitigation and Brownfields Reuse Database (SMBRD) identifies certain high priority hazardous were the U.S. EPA is the lead agency. These sites are typically proposed, on or delisted from the National Priority List.

No listings within 1 mile radius of the subject site.

SR State Response Sites

The Site Mitigation and Brownfields Reuse Database (SMBRD) identifies certain potential hazardous waste sites. These are confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity and deemed generally high-priority and high potential risk.

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.

No listings within half of a 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.

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

FE Properties Needing Further Evaluation

This category of Envirostor, formerly The Site Mitigation and Brownfields Reuse Program Database SMBRPD, contains properties that are suspected, but unconfirmed, contaminated sites that need or have gone through an investigation and assessment process. If a site is found to have confirmed contamination, it will change from Evaluation to either a State Response or Voluntary Cleanup site type. Sites found to have no contamination at the completion of the investigation and assessment process result in a No Action Required (for Phase 1 assessments) or No Further Action (for Phase 2 assessments) determination.

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

ME Military Evaluation Sites

This category the Site Mitigation and Brownfields Reuse Program Database SMBRPD, contains Formerly Used Defense Sites (FUDS) and Open or Closed military facilities with confirmed or unconfirmed releases and where DTSC is involved in investigation and/or remediation, either in a lead or support capacity. Sites with confirmed releases are generally considered high-priority and high potential risk.

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

EP Expedited Remedial Action Program

The Expedited Remedial Action Program is a pilot program limited to 30 sites. These are confirmed release sites worked on by Responsible Parties with oversight of the cleanup by DTSC. These confirmed sites are generally high-priority and high potential risk.

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

BZ Border Zone Properties

These sites went through the Hazardous Waste Property or Border Zone Property evaluation and formal determination process. (Chapter 6.5, Health and Safety Code section 25221.)

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

SCH School Property Evaluation Program Properties

This category 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. School sites are further defined as Cleanup (remedial actions occurred) or Evaluation (no remedial action occurred) based on completed activities. All proposed school sites that will receive State funding for acquisition or construction are required to go through a rigorous environmental review and cleanup process under DTSC's oversight.

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

LUR Brownfields Reuse Program Facility Sites with Land Use Restrictions

The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents land use restrictions that are active. Some sites have multiple land use restrictions.

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

DR Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction

The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

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

CA Hazardous Waste sites - Permitted and Corrective Action

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Permitted and Corrective Action sites are RCRA-permitted facilities undergoing cleanup activities or permitted to handle Hazardous Waste.

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

HIS Historical Site

This category of The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), contains sites from an older database where no site type was identified. Most of these sites have a status of Referred or No Further Action. DTSC is working to clean up this data by identifying an appropriate site type for each Historic site.

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

CALS CALSITES - No Further Action

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.

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

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 half of a 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.

This section includes tank cases located on military installation.

Status Codes:	0	No action
	1	Leak being confirmed
	3A	Prel site assessment workplan submitted

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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

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

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.

No listings within 1 mile radius of the subject site.

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.

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

REGIONAL SOURCES

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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.

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

LD Land Disposal Sites

The Land Disposal program managed by the State Water Control Board, regulates the waste discharge to land for treatment, storage and disposal in waste management units. Waste management units include waste piles, surface impoundments, and landfills. California Code of Regulations (CCR) Title 23, (Chapter 15) contains the regulatory requirements for hazardous waste. CCR Title 27, contains the regulatory requirements for wastes other than hazardous waste.

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

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 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.

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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 a quarter of a mile radius of the subject site.

COLUSA GENERATING STATION	5025 DELEVAN RD	0 mile E	# 9 page 18
PACIFIC GAS AND ELECTRIC COMPA	4780 DIRKS RD	0 mile E	# 11 page 19
PG&E- DELEVAN COMPRESSOR STATI	DIRKS RD & RD D OFF HWY 5	0 mile E	# 13 page 20

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 a quarter of a mile radius of the subject site.

MILS Mineral Industry Location System

The U.S. Bureau of Mines maintains the Minerals Availability System/Mineral Industry Location System (MAS/MILS) database.

The MILS part covers more over 200,000 mineral occurrences, deposits, mines and processing plants in the United States. The information is used to support government agencies which have land-use planning responsibilities. These agencies look to the Bureau of Mines both for mineral resource

SITES RESERVOIR, MAXWELL

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assessments and for help identifying and remediating inactive and abandoned mine hazards.

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

UNNAMED LOCATION	14N/05W-17 M,	0 mile W	# 2	page 15
SANDSTONE COMPANY QUARRY	17N/04 M, 17N/04W-21 , SWSWSW	0 mile SE	# 4	page 15
MCGILVRAY QUARRY	17N/04W-28 M, NWNWNW	0 mile SE	# 6	page 15
TALBOT	18N/04W-08 M,	0 mile N	# 7	page 15

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 a quarter 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 disposers of PCB's in accordance with the Toxic Substance Control Act.

No listings within a quarter 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 a quarter 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).

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

PG&E- DELEVAN COMPRESSOR STATI	DIRKS RD & RD D OFF HWY 5	0 mile E	# 13	page 19
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PE Section Seven Tracking System (SSTS)

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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 a quarter 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 a quarter 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 a quarter 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 a quarter 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 listed under this category.

No listings within a quarter 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

SITES RESERVOIR, MAXWELL

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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 a quarter of a mile radius of the subject site.

EMERALD FARMS	4599 MC DERMOTT RD	.2 mile E	# 5	page 18
SWINERTON & WALBERG DELEVAN PR	DIRKS & DELEVAN RD	0 mile E	# 10	page 18
PG&E-DELEVAN COMPRESSOR STA	DIRKS RD & RD D, OFF HWY 5	0 mile E	# 12	page 19
PG&E PCB SPILL SITES	PCB SPILL	unknown location		page 20

UST Permitted Underground Storage Tanks - State Water Quality Control Board

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 a quarter of a mile radius of the subject site.

K.C. WELLS, JR.	16N/04W-01,FINKS RD, 16N4W 1	.1 mile SE	# 3	page 18
BANJAMIN P. BABER	MCDERMOTT RD, 17 32 A	unknown location		page 20
JIM OWENS CATTLE COMPANY	SITES LADOGA ROAD-WEST OF MAXW17N	unknown location		page 20

ENVIRONMENTAL RECORDS SEARCH

SITES WITH

KNOWN ENVIRONMENTAL CONCERNS

Known Environmental Concerns for
SITES RESERVOIR, MAXWELL

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UNNAMED LOCATION	MI	14N/05W-17 M, COLUSA	2 Map Id 0 mile W
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MILS Mineral Industry Location System

Site: UNNAMED LOCATION
Address: 14N/05W-17 M,
City: COLUSA
Status:

id: 0060110027

UNKNOWN OPERATION (exp prospect).
Commodities include CHROMIUM.

SANDSTONE COMPANY QUARRY	MI	17N/04 M, 17N/04W-21 , SWS COLUSA	4 Map Id 0 mile SE
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MILS Mineral Industry Location System

Site: SANDSTONE COMPANY QUARRY
Address: 17N/04 M, 17N/04W-21 , SWSWSW
City: COLUSA
Status:

id: 0060110043

SURFACE OPERATION (past producer).
Commodities include SAND & GRAVEL.

MCGILVRAY QUARRY	MI	17N/04W-28 M, NWNWNW COLUSA	6 Map Id 0 mile SE
------------------	----	--------------------------------	---------------------------------

MILS Mineral Industry Location System

Site: MCGILVRAY QUARRY
Address: 17N/04W-28 M, NWNWNW
City: COLUSA
Status:

id: 0060110044

SURFACE OPERATION (past producer).
Commodities include SAND & GRAVEL.

TALBOT	MI	18N/04W-08 M, GLENN	7 Map Id 0 mile N
--------	----	------------------------	--------------------------------

MILS Mineral Industry Location System

Site: TALBOT
Address: 18N/04W-08 M,
City: GLENN
Status:

ENVIRONMENTAL RECORDS SEARCH

SITES WITH OPERATING PERMITS ONLY

Operating Permits Only for
SITES RESERVOIR, MAXWELL

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K.C. WELLS, JR.	UST	16N/04W-01,FINKS RD, 16N MAXWELL	3 Map Id .1 mile SE
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Underground Storage Tanks

Site: K.C. WELLS, JR.
Address: 16N/04W-01,FINKS RD, 16N4W 1
City: MAXWELL
Status: 00000027164 (198798A)

Activity: FARM
1000 gallon, carbon steel tank (regular), installed in 1960

EMERALD FARMS	HWIS	4599 MC DERMOTT RD MAXWELL	5 Map Id .2 mile E
---------------	------	-------------------------------	---------------------------------

Hazardous Waste Information System

Site: EMERALD FARMS
Address: 4599 MC DERMOTT RD
City: MAXWELL
Status: EPA ID#: CAL000268390

Off-spec, aged or surplus org ton 88/89 90/91 92/93 94/95 96/97 98/99 00/01 02/03 04/05
.32 14945

COLUSA GENERATING STATION	RCRA	5025 DELEVAN RD MAXWELL	9 Map Id 0 mile E
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RCRA Generators

Site: COLUSA GENERATING STATION
Address: 5025 DELEVAN RD
City: MAXWELL
Status: L - Large Generator

Permit id#: CAR000188102

Last update 10/29/2007. Activities at this facility include:
Fossil Fuel Electric Power Generation

SWINERTON & WALBERG DELEVAN	HWIS	DIRKS & DELEVAN RD MAXWELL	10 Map Id 0 mile E
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Hazardous Waste Information System

Site: SWINERTON & WALBERG DELEVAN PR
Address: DIRKS & DELEVAN RD
City: MAXWELL
Status: EPA ID#: CAL000084256

Operating Permits Only for
SITES RESERVOIR, MAXWELL

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		88/89	90/91	92/93	94/95	96/97	98/99	00/01	02/03	04/05
Unspec oil cont waste	ton					.2				
Contaminated soil	ton					.65				

PACIFIC GAS AND ELECTRIC COM	RCRA	4780 DIRKS RD MAXWELL	11 Map Id 0 mile E
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RCRA Generators

Site: PACIFIC GAS AND ELECTRIC COMPA
Address: 4780 DIRKS RD
City: MAXWELL
Status: S - Small Generator

Permit id#: CAR000200642

Last update 06/01/2009. Activities at this facility include:
Fossil Fuel Electric Power Generation

PG&E-DELEVAN COMPRESSOR STA	HWIS	DIRKS RD & RD D, OFF HWY 5 WILLOWS	12 Map Id 0 mile E
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Hazardous Waste Information System

Site: PG&E-DELEVAN COMPRESSOR STA
Address: DIRKS RD & RD D, OFF HWY 5
City: WILLOWS
Status: EPA ID#: CAD981372824

		88/89	90/91	92/93	94/95	96/97	98/99	00/01	02/03	04/05
Sol without metals (PH >12.5)	ton				.13					
Aq sol with org residues <10%	ton								1.92	
Asbestos containing waste	ton	.04	.03	1.8	.02	.91	.84	.02	.25	.01
Inorganic solid waste	ton				.02	.03				
Hydrocarbon solvents	ton				.03				.32	
Unspecified solvent mixture	ton					.08		.02	.19	
Waste oil and mixed oil	ton					3.98			2.5	7.05
Unspec oil cont waste	ton	.35	.87	.12	67.68	4.6	4.9	4.33	24.09	1.12
Latex waste	ton					.04			.02	
Off-spec, aged or surplus org	ton					.12				.05
Unspec organic liquid mixture	ton	.55		.1	.1	.07	.44	.06	.08	.62
Other organic solids	ton					.06			.04	3.8
Paint sludge	ton						.01		.2	.08
Unspecified sludge	ton						2.92			
Empty non-pesticide cont >30 gal	ton				.02					.31
Contaminated soil	ton									7.91

PG&E- DELEVAN COMPRESSOR STA	AFS	DIRKS RD & RD D OFF HWY 5	13
PG&E- DELEVAN COMPRESSOR STATI	RCRA	WILLOWS	Map Id 0 mile E

AIRS Facility System (AFS)

Site: PG&E- DELEVAN COMPRESSOR STATI
Address: DIRKS RD & RD D OFF HWY 5
City: WILLOWS
Status:

Operating Permits Only for
SITES RESERVOIR, MAXWELL

Page: 20
Date: 03-04-2010
Job: DOWR3413-S

Permit id#: CAD981372824

RCRA Generators

Site: PG&E- DELEVAN COMPRESSOR STATI
Address: DIRKS RD & RD D OFF HWY 5
City: WILLOWS
Status: S - Small Generator

Permit id#: CAD981372824

Acknowledge date 03/31/1991. Last update 06/27/2002.

Activities at this facility include:

Natural Gas Distribution
Pipeline Transportation of Natural Gas

BANJAMIN P. BABER

UST

MCDERMOTT RD, 17 32 A
MAXWELL

Uknwn
Map Id

Underground Storage Tanks

Site: BANJAMIN P. BABER
Address: MCDERMOTT RD, 17 32 A
City: MAXWELL
Status: 00000041936 (198798A)

Activity: ARM
550 gallon, single-walled, unlined, steel clad tank (regular), installed in 1949

PG&E PCB SPILL SITES

HWIS

PCB SPILL
SITES

Uknwn
Map Id

Hazardous Waste Information System

Site: PG&E PCB SPILL SITES
Address: PCB SPILL
City: SITES
Status: EPA ID#: CAD981392426

JIM OWENS CATTLE COMPANY

UST

SITES LADOGA ROAD-WEST OF MA
SITES RANCH

Uknwn
Map Id

Underground Storage Tanks

Site: JIM OWENS CATTLE COMPANY
Address: SITES LADOGA ROAD-WEST OF MAXW17N4W 17
City: SITES RANCH
Status: 00000060465 (198798A)

Activity: RANCHING
tank

Funks Reservoir and Delevan Pipeline

ENVIRONMENTAL RECORD SEARCH

for the site

FUNKS RESERVOIR AND DELEVAN PIPELINE CA

performed for

DEPARTMENT OF WATER RESOURCES

03-04-2010



INTRODUCTION

This document, prepared in accordance with ASTM Standard E-1527-05 and 40 CFR 312.26; Reviews of Federal, State, Tribal, and local government records on 03-04-2010 at the request of DEPARTMENT OF WATER RESOURCES, reports the findings of BBL's investigation of environmental concerns in the vicinity of Funks Reservoir And Delevan Pipeline CA.

A total of 50 records were identified, representing 46 separate sites. None of these records relates to the subject site itself.

A total of 24 records with incomplete location information were found that could be close by the subject site.

The identified sites are grouped into two separate categories - sites with known environmental concerns (10) and sites which have just operating permits (36).

The report is divided into the following segments:

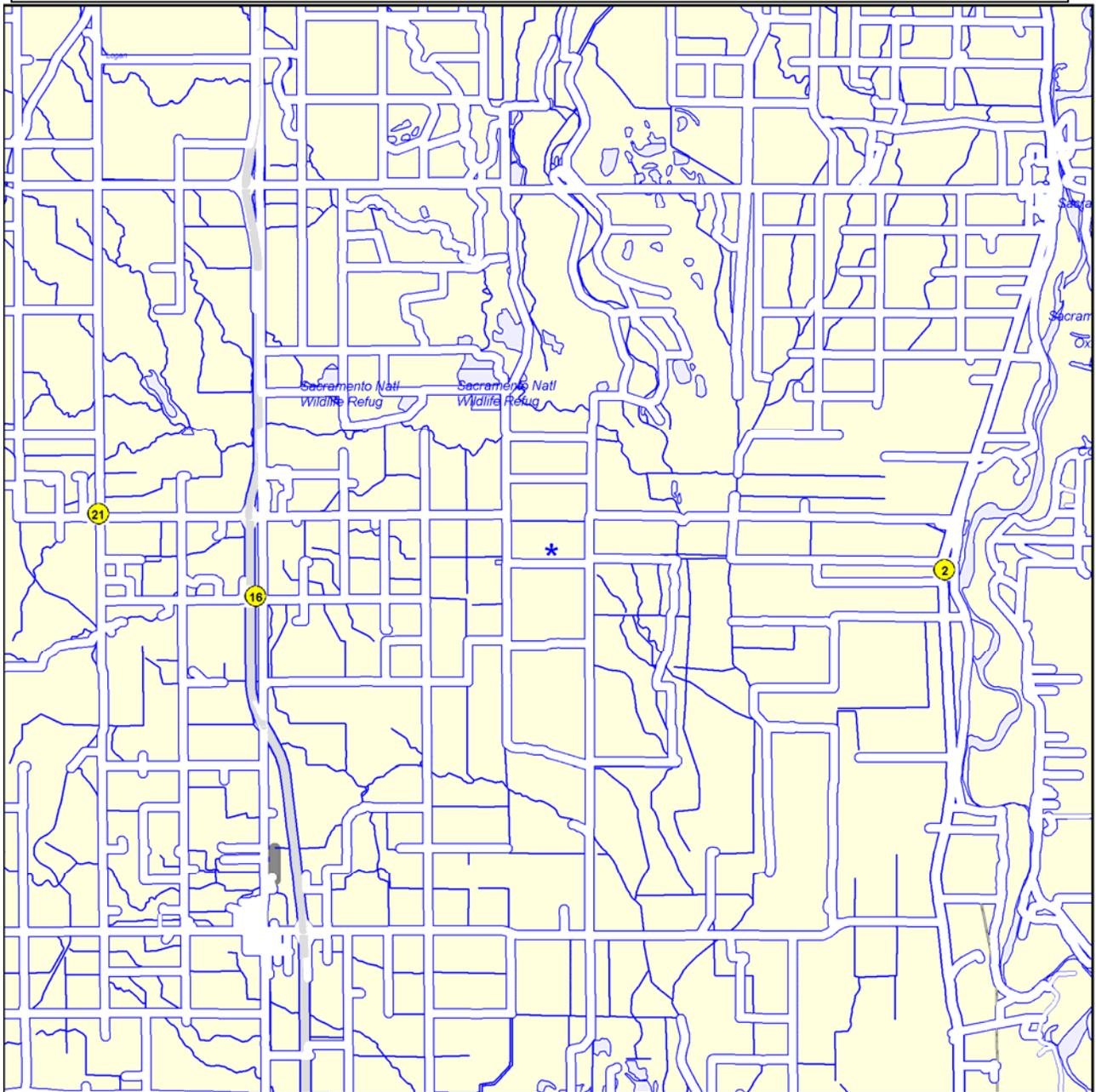
- **Overview Table** - An overview of all the identified records of concern summarized by distance and source.
- **Topographic Map** - of the surrounding area of the subject site.
- **Contour Map** - of the surrounding area of the subject site.
- **Present Aerial Photograph** - of the surrounding area of the subject site.
- **Summary** - listing of the sources investigated and identified records in order of distance to the subject property for each of the categories **Known Environmental Concerns** and **Operating Permits Only**.
- **Detailed Report** - listing of the sites with detailed status information.

SUBJECT SITE INFORMATION

Address City	FUNKS RESERVOIR AND DELEVAN PIPELINE CA 95979	County	
Present Tenant	N/A	Latitude	39° 20' 35"
		Longitude	122° 7' 34"
		Easting	575297m
		Northing	4355016m
		Zone	10

Environmental Concerns	Page	Search Dist	Site	< 1/8	1/8-1/4	1/4-1/2	1/2-1/1	area	un kwn	total
National Priority List	1	1 mile								
CERCLIS	1	1 mile								
NFRAP	1	1 mile								
Federal Facilities	2	1 mile								
Emergency Response Notification System	2	1/2 mile		1			1			2
Hazardous Material Incident Report System	2	subject								
Targeted Brownfields Assessments	2	1 mile								
Site Enforcement Tracking Sytem	3	1 mile								
Enforcement Docket (DOCKET/CDETS)	3	1/2 mile								
C-Docket	3	1/2 mile								
Integrated Compliance Information System	3	1 mile								
CORRACTS	3	1 mile								
RCRA - TSD Facilities	4	1 mile								
Indian LUST/VCP/UST	4	1 mile								
Federal Enforcement Dockets	4	1 mile								
Federal Lead	4	1 mile								
State Response	5	1 mile								
Voluntary Cleanup Program	5	1/2 mile								
Properties Needing Further Evaluation	5	1/2 mile								
Military Evaluation Sites	5	1 mile								
Expedited Remedial Action	5	1/2 mile								
Border Zone	6	1/2 mile								
School Property Evaluation Program	6	1/2 mile								
SMBRPD Land Use Restrictions	6	1/2 mile								
HWMP Deed/Land Use Restrictions	6	1/2 mile								
Corrective Action	6	1 mile								
Historical Sites	7	1 mile					2			2
CALSITES - No Further Action	7	1/2 mile								
Cortese	7	1 mile								
Leaking Underground Storage Tanks	7	1 mile					3			3
Solid Waste Information System	8	1 mile								
Well Investigation Program	8	1 mile								
Drinking Water Program	8	1 mile								
Toxic Releases	9	1 mile		1			3			4
Land Disposal Sites	9	1 mile					1			1
Toxic Pits	9	1 mile								
Solid Waste Assessment Test	9	1 mile								
Environmental Concern References				2			10			12
Environmental Concern Sites				3			7			10
Operating Permits										
RCRA Generators	10	1/2 mile		2			1			3
SARA Title III,section 313 (TRIS)	10	1/2 mile								
Nuclear Regulatory Commission Licensees	11	1/2 mile								
PCB Waste Handlers Database	11	1/2 mile								
Permit Compliance System (PCS)	11	1/2 mile								
AIRS Facility System (AFS)	11	1/2 mile								
Section Seven Tracking System	11	1/2 mile		1						1
FIFRA/TSCA tracking system	11	1/2 mile								
Federal Facilities Information System (FFIS)	12	1/2 mile								
Chemicals in Commerce Information System	12	1/2 mile								
FINDS EPA Facility Index System	12	1/2 mile		1						1
Hazardous Waste Information System	12	1/2 mile		1					3	4
Underground Storage Tanks	13	1/2 mile		7			1		21	29
Operating Permits References				12			2		24	38
Operating Permits Sites				11			1		24	36
Total References				14			12		24	50
Total Sites				14			8		24	46

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

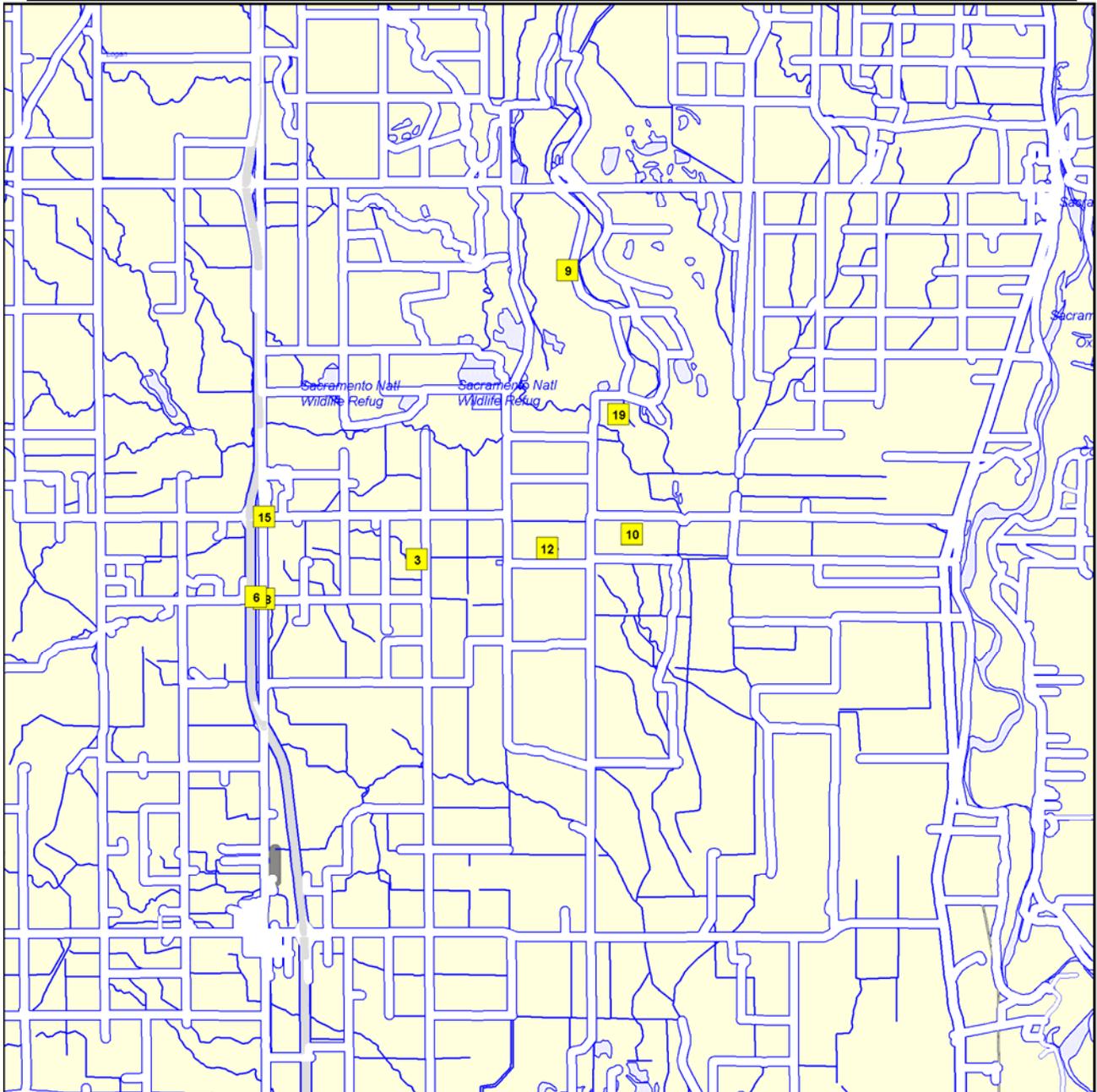


.3 inch to 1/2 mile (the circles do not include any buffer zone)



-  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 FUNKS RESERVOIR AND DELEVAN PIPELINE

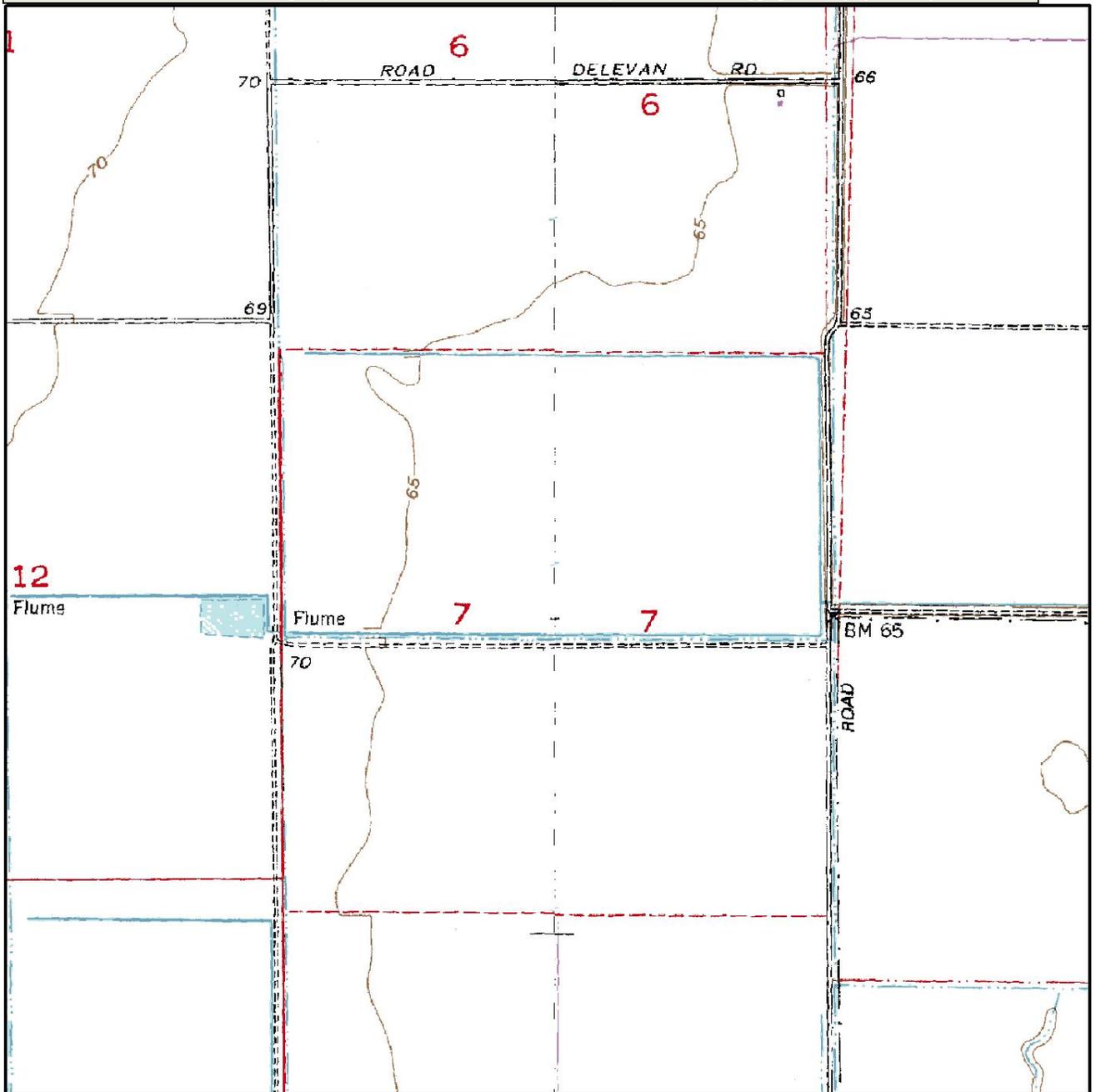


3 inch to 1/2 mile (the circles do not include any buffer zone)

-  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 FUNKS RESERVOIR AND DELEVAN PIPELINE

2.	COMPTON LANDING		17N/02W-12 M, SENESW
3.	J.E. SCHAGL		17N/03W-11, PO BOX 366, 17NR3W11
4.	CALIFORNIA NORTHERN RAILROAD		CFNR STATION OF DELAVAN NO 05596 MP 138
5.	DOHS-COLUSA CO		COLUSA CO
6.	HARRY F. ARNOLD		COLUSA PRINCETON RD, 3 MI N OF
7.	DELEVAN COMPRESSOR STATION	5001	DELEVAN RD
8.	COLUSA GENERATING STATION	5025	DELEVAN RD
9.	L.C. DENNIS CO., INC.-RANCH		FOUR MILE RD, 1 N ON, OFF MAXWE
10.	DELEVAN NATIONAL WILDLIFE REFU		FOUR MILE RD, 17N2W 8
11.	COLUSA CO AIRPORT		HWY 45
12.	ST. PATRICK'S HOME RANCH		HWY 45 - 7 MI N OF COLUSA
13.	FRC STEGEMAN STATION		HWY 45 S
14.	MOLLER AVIATION		HWY 99 (JUST N OF MAXWELL)
15.	DEPUE DELEVAN DRYER		HWY 99 & DELEVAN RD
16.	JR SIMPLOT SOIL BUILDERS		HWY 99 & LENAHAAN RD
17.	MOLLER AVIATION		HWY 99 JUST NORTH OF MAXWELL
18.	SIMPLOT SOILBUILDERS MAXWELL		HWY 99 N & LENAHAAN RD
19.	SIMPLOT SOILBUILDERS		HWY 99 W
20.	BARNES PROPERTY - DELEVAN		LORETZ RD
21.	UNKNOWN		MCDERMOTT & DELAVAN RD
22.	SIGNAL OIL		NORMAN RD 1/8 MI W OF ARGO
23.	VALLEY AIR SERVICE LTD.		PO BOX 178
UNKNOWN LOCATIONS			
	BANJAMIN P. BABER		MCDERMOTT RD, 17 32 A
	MAXWELL VORTAC	2.8	MI DOWN MCDERMOTT RD
	CLARKVILLE DUCK CLUB		NORMAN RD
	FRANK GAROFALO		PO BOX 217
	DICK SIBIGLIA		PO BOX 223
	ALDERSON RANCH SUPPLY		PO BOX 278
	EDWIN DIMON		PO BOX 296
	FRED CANNELL		RR 1 BOX
	DR. EDWIN WORTHAM IV		RR 1 BOX 226
	OTENWALTER FARM SHOP		RR 1 BOX 251, 6 MI N HWY
	CLAYTON GODDARD		RR 1 BOX 285
	DAVID A. TORRES		RR 1 BOX 470
	NANCY TORRES		RR 1 BOX 551
	CHARLES LOPES		RR 1 BOX 615
	SAME AS ABOVE		RR 1 BOX 661
	GARBUTT FARM		RR 1 BOX 692
	JOE RONCHETTO		RR 1 BOX 710
	FOUR CORNERS STATION		RR 1 BOX 950-H
	OTENWALTER FARM SHOP		RR 1 BOX N251
	LEWIS TRUCKING		RT 1 BOX 1128
	HENRY WOMBLE		RT 1 BOX 1735
	KAY WELLER		RT 1 BOX 785
	KLAN FARMS & HENRY HANSEN RANC		RT 1 BOX 901
	JIM OWENS CATTLE COMPANY		SITES LADOGA ROAD-WEST OF MAXW17N4W 17



Scale: 1.6 inches to 1/2 mile



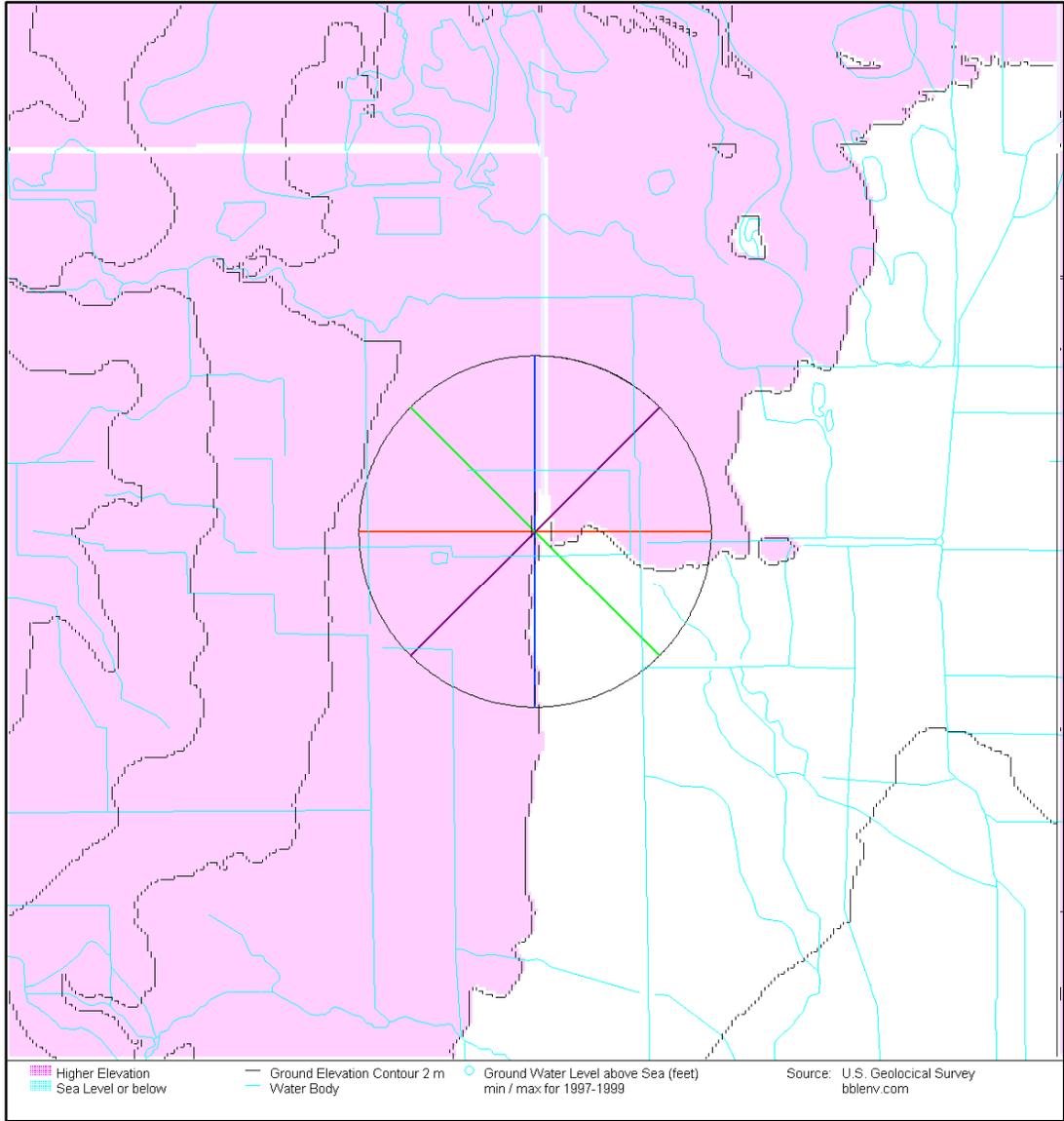
UTM North is straight up

Longitude: -122° 7' 34.4"
Latitude: 39° 20' 35.4"
UTM Easting: 575297 meters
UTM Northing: 4355016 meters
UTM Zone: NAD 10

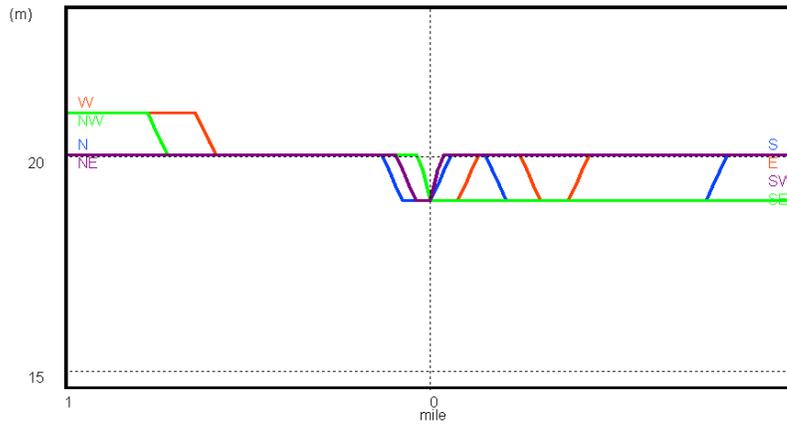
County:

Source: U.S. Dept of Interior, Geological Survey
MAXWELL, CA 1994

TOPOGRAPHIC MAP OF THE VICINITY OF THE SUBJECT SITE LOCATED AT
FUNKS RESERVOIR AND DELEVAN PIPELINE

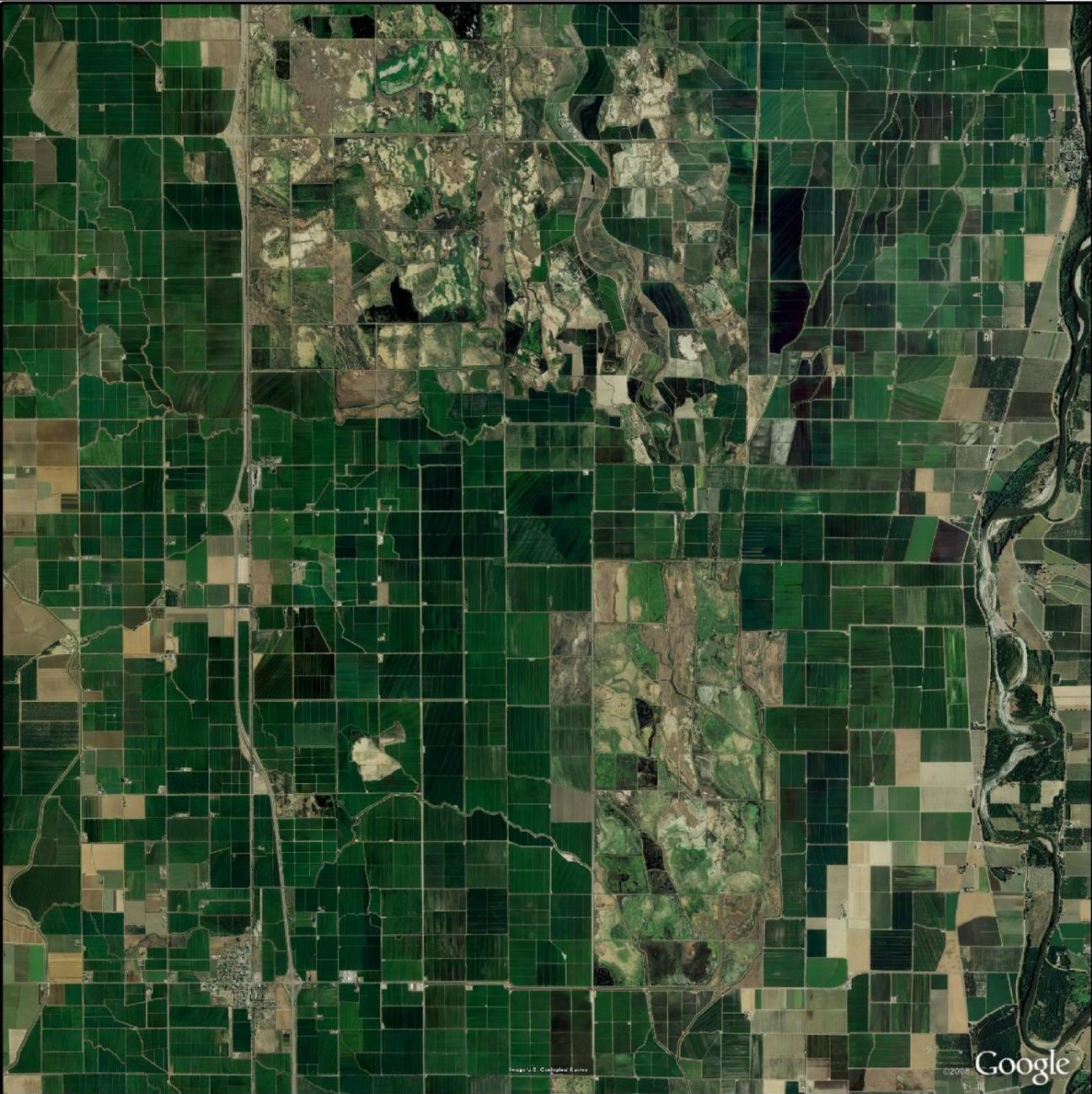


Elevation Contour overview map (6*6 mile)



Elevation Profiles (±1 mile)

CONTOUR DATA IN THE VICINITY OF THE SUBJECT SITE LOCATED AT FUNKS RESERVOIR AND DELEVAN PIPELINE



Scale: 1 inch to 528 feet



UTM North is straight up

Longitude: -122° 7' 34.4"
Latitude: 39° 20' 35.4"
UTM Easting: 575297 meters
UTM Northing: 4355016 meters
UTM Zone: NAD 10

County:

Project: Google Earth
Quadrangle:
Date: Present
Film Type: Color

Source: U.S. Dept of Interior, Geological Survey

AERIAL PHOTOGRAPH OF THE VICINITY OF THE SUBJECT SITE LOCATED AT FUNKS RESERVOIR AND DELEVAN PIPELINE

FUNKS RESERVOIR AND DELEVAN PIPELINE

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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-1527-05, the following government sources have been searched for sites at the street address, within the distances of the subject location listed below.

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.

Any Institutional/Engineering controls issued under CERCLA are described in the status detail for each site. Sites delisted from the NPL list are included here.

No listings within 1 mile radius of the subject site.

NFRAP No Further Remedial Action Planned sites (CERCLIS)

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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.

No listings within 1 mile radius of the subject site.

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.

DELEVAN COMPRESSOR STATION	5001 DELEVAN RD	.9 mile NE	# 7	page 16
	5001 DELEVAN RD	.9 mile NE	# 7	page 16
UNKNOWN	MCDERMOTT & DELAVAN RD	0 mile S	# 21	page 18

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.

TBA Targeted Brownfields Assessments

EPA's Targeted Brownfields Assessment (TBA) program is designed to help states, tribes, and municipalities—especially those without EPA Brownfields Assessment Pilots/Grants—minimize the uncertainties of contamination often associated with brownfields. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Program to promote the cleanup and redevelopment of brownfields. EPA's TBA assistance is available through two sources: directly from EPA through EPA Regional Brownfields offices under Subtitle A of the law, and from state or tribal voluntary response program offices receiving funding under Subtitle C of the law

No listings within 1 mile radius 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.

No listings within 1 mile radius of the subject site.

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 statutes and tracks enforcement actions from the initial stages of investigations through conclusion.

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

ICIS Integrated Compliance Information System (ICIS)

ICIS is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

No listings within 1 mile radius of the subject site.

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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.

Any Institutional/Engineering controls issued under CORRACTS are described in the status detail for each site

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.

INDN Indian REservation LUST/VCP/UST

This database includes all environmental records from Indian Reservations such as Leaking Underground Tanks (LUST), Voluntary Cleanup Program (VCP) and Underground Storage Tanks (UST)

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

FL State Response Sites - Federal Lead

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The Site Mitigation and Brownfields Reuse Database (SMBRD) identifies certain high priority hazardous were the U.S. EPA is the lead agency. These sites are typically proposed, on or delisted from the National Priority List.

No listings within 1 mile radius of the subject site.

SR State Response Sites

The Site Mitigation and Brownfields Reuse Database (SMBRD) identifies certain potential hazardous waste sites. These are confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity and deemed generally high-priority and high potential risk.

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.

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.

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

FE Properties Needing Further Evaluation

This category of Envirostor, formerly The Site Mitigation and Brownfields Reuse Program Database SMBRPD, contains properties that are suspected, but unconfirmed, contaminated sites that need or have gone through an investigation and assessment process. If a site is found to have confirmed contamination, it will change from Evaluation to either a State Response or Voluntary Cleanup site type. Sites found to have no contamination at the completion of the investigation and assessment process result in a No Action Required (for Phase 1 assessments) or No Further Action (for Phase 2 assessments) determination.

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

ME Military Evaluation Sites

This category the Site Mitigation and Brownfields Reuse Program Database SMBRPD, contains Formerly Used Defense Sites (FUDS) and Open or Closed military facilities with confirmed or unconfirmed releases and where DTSC is involved in investigation and/or remediation, either in a lead or support capacity. Sites with confirmed releases are generally considered high-priority and high potential risk.

No listings within 1 mile radius of the subject site.

EP Expedited Remedial Action Program

The Expedited Remedial Action Program is a pilot program limited to 30 sites. These are confirmed release sites worked on by Responsible Parties with oversight of the cleanup by DTSC. These confirmed sites are generally high-priority and high potential risk.

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

BZ Border Zone Properties

These sites went through the Hazardous Waste Property or Border Zone Property evaluation and formal determination process. (Chapter 6.5, Health and Safety Code section 25221.)

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

SCH School Property Evaluation Program Properties

This category 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. School sites are further defined as Cleanup (remedial actions occurred) or Evaluation (no remedial action occurred) based on completed activities. All proposed school sites that will receive State funding for acquisition or construction are required to go through a rigorous environmental review and cleanup process under DTSC's oversight.

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

LUR Brownfields Reuse Program Facility Sites with Land Use Restrictions

The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents land use restrictions that are active. Some sites have multiple land use restrictions.

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

DR Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction

The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

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

CA Hazardous Waste sites - Permitted and Corrective Action

Permitted and Corrective Action sites are RCRA-permitted facilities undergoing cleanup activities or permitted to handle Hazardous Waste.

No listings within 1 mile radius of the subject site.

HIS Historical Site

This category of The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), contains sites from an older database where no site type was identified. Most of these sites have a status of Referred or No Further Action. DTSC is working to clean up this data by identifying an appropriate site type for each Historic site.

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

MOLLER AVIATION	HWY 99 JUST NORTH OF MAXWELL	2. mile N	# 17 page 18
SIGNAL OIL	NORMAN RD 1/8 MI W OF ARGO	2. mile N	# 22 page 19

CALS CALSITES - No Further Action

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.

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

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.

This section includes tank cases located on military installation.

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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.

MOLLER AVIATION	HWY 99 (JUST N OF MAXWELL)	2. mile N	# 14	page 17
BARNES PROPERTY - DELEVAN	LORETZ RD	2. mile N	# 20	page 18
VALLEY AIR SERVICE LTD.	PO BOX 178	2. mile N	# 23	page 19

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.

No listings within 1 mile radius of the subject site.

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.

No listings within 1 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.

MOLLER AVIATION	HWY 99 (JUST N OF MAXWELL)	2. mile N	# 14	page 17
JR SIMPLOT SOIL BUILDERS	HWY 99 & LENAHAN RD	0 mile E	# 16	page 17
BARNES PROPERTY - DELEVAN	LORETZ RD	2. mile N	# 20	page 18
J.R. SIMPLOT - DELEVAN**	LORETZ RD	2. mile N	# 20	page 18
VALLEY AIR SERVICE LTD.	PO BOX 178	2. mile N	# 23	page 19

LD Land Disposal Sites

The Land Disposal program managed by the State Water Control Board, regulates the waste discharge to land for treatment, storage and disposal in waste management units. Waste management units include waste piles, surface impoundments, and landfills. California Code of Regulations (CCR) Title 23, (Chapter 15) contains the regulatory requirements for hazardous waste. CCR Title 27, contains the regulatory requirements for wastes other than hazardous waste.

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

COLUSA CO AIRPORT	HWY 45	2. mile N	# 11	page 16
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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 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.

CALIFORNIA NORTHERN RAILROAD	CFNR STATION OF DELAVAN NO 05596	0 mile	# 4	page 21
DOHS-COLUSA CO	COLUSA CO	0 mile	# 5	page 21
COLUSA GENERATING STATION	5025 DELEVAN RD	.8 mile S	# 8	page 22

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.

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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 disposers 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.

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

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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 listed under this category.

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

DEPUE DELEVAN DRYER

HWY 99 & DELEVAN RD

0 mile S

15 page 24

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.

SIMPLOT SOILBUILDERS MAXWELL	HWY 99 N & LENAHAN RD	0 mile E	# 18	page 24
MAXWELL VORTAC	2.8 MI DOWN MCDERMOTT RD	unknown location		page 25
ALDERSON RANCH SUPPLY	PO BOX 278	unknown location		page 26
LEWIS TRUCKING	RT 1 BOX 1128	unknown location		page 30

UST Permitted Underground Storage Tanks - State Water Quality Control Board

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.

J.E. SCHAGL	17N/03W-11, PO BOX 366, 17NR3W11	0 mile S	# 3	page 21
HARRY F. ARNOLD	COLUSA PRINCETON RD, 3 MI N OF	0 mile	# 6	page 21
FREDERIC G. CERNEY	COLUSA PRINCETON RD	0 mile	# 6	page 22
JIMENO RANCHO	COLUSA PRINCETON RD	0 mile	# 6	page 22
PACKER FARMING	COLUSA PRINCETON RD	0 mile	# 6	page 22
L.C. DENNIS CO., INC.-RANCH	FOUR MILE RD, 1 N ON, OFF MAXWE	0 mile	# 9	page 22
GUNNERSFIELD ENTERPRISES, INC.	FOUR MILE RD	0 mile	# 9	page 23
DELEVAN NATIONAL WILDLIFE REFU	FOUR MILE RD, 17N2W 8	0 mile S	# 10	page 23
FRC STEGEMAN STATION	HWY 45	2. mile N	# 11	page 17
ST. PATRICK'S HOME RANCH	HWY 45 - 7 MI N OF COLUSA	0 mile S	# 12	page 23
FRC STEGEMAN STATION	HWY 45 S	0 mile S	# 13	page 23
SIMPLOT SOILBUILDERS	HWY 99 W	0 mile	# 19	page 24
MOLLER AIR	HWY 99 W	0 mile	# 19	page 24
BANJAMIN P. BABER	MCDERMOTT RD, 17 32 A	unknown location		page 25
CLARKVILLE DUCK CLUB	NORMAN RD	unknown location		page 25
FRANK GAROFALO	PO BOX 217	unknown location		page 25
DICK SIBIGLIA	PO BOX 223	unknown location		page 26
DICK SIBIGLIA	PO BOX 223	unknown location		page 26
EDWIN DIMON	PO BOX 296	unknown location		page 26
FRED CANNELL	RR 1 BOX	unknown location		page 27
BERTHA C. GIANNINI	RR 1 BOX	unknown location		page 27
DR. EDWIN WORTHAM IV	RR 1 BOX 226	unknown location		page 27
OTENWALTER FARM SHOP	RR 1 BOX 251, 6 MI N HWY	unknown location		page 27
CLAYTON GODDARD	RR 1 BOX 285	unknown location		page 27
DAVID A. TORRES	RR 1 BOX 470	unknown location		page 28
NANCY TORRES	RR 1 BOX 551	unknown location		page 28
CHARLES LOPES	RR 1 BOX 615	unknown location		page 28
SAME AS ABOVE	RR 1 BOX 661	unknown location		page 29
GARBUTT FARM	RR 1 BOX 692	unknown location		page 29
JOE RONCHETTO	RR 1 BOX 710	unknown location		page 29
FOUR CORNERS STATION	RR 1 BOX 950-H	unknown location		page 29
OTENWALTER FARM SHOP	RR 1 BOX N251	unknown location		page 30
HENRY WOMBLE	RT 1 BOX 1735	unknown location		page 30
KAY WELLER	RT 1 BOX 785	unknown location		page 30
KLAN FARMS & HENRY HANSEN RANC	RT 1 BOX 901	unknown location		page 31
JIM OWENS CATTLE COMPANY	SITES LADOGA ROAD-WEST OF MAXW17N	unknown location		page 31

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-

ENVIRONMENTAL RECORDS SEARCH

SITES WITH

KNOWN ENVIRONMENTAL CONCERNS

Known Environmental Concerns for
FUNKS RESERVOIR AND DELEVAN PI

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COMPTON LANDING	MI	17N/02W-12 M, SENESW COLUSA	2 Map Id 0 mile E
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Site: COMPTON LANDING
Address: 17N/02W-12 M, SENESW
City: COLUSA
Status:

id: 0060110041

UNKNOWN OPERATION (unknown).
Commodities include NATURAL GAS.

DELEVAN COMPRESSOR STATION	ERNS ERNS	5001 DELEVAN RD MAXWELL	7 Map Id .9 mile NE
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Emergency Response Notification System

Site: DELEVAN COMPRESSOR STATION
Address: 5001 DELEVAN RD
City: MAXWELL
Status: 0700839893

On 06/24/07 an incident involving 250 gallon(s) of TURBAN OIL, caused by equipment failure, occurred. CALLER REPORTED THAT TURBAN OIL RELEASED FROM A GAS TURBAN WITHIN THE FACILITY ONTO A CONCRETE STRUCTURE DUE TO EQUIPMENT FAILURE..

NONE.

Emergency Response Notification System

Site:
Address: 5001 DELEVAN RD
City: MAXWELL
Status: 0500757489

On 05/02/05 an incident involving 220 gallon(s) of OIL, MISC: TURBINE, caused by equipment failure, occurred. THE CALLER IS REPORTING A RELEASE OF TURBINE OIL INTO A SECONDARY CONTAINMENT AREA DUE TO A BROKEN HYDRAULIC PIPE..

CLEANUP COMPLETED, MATERIAL SPILLED INTO SECOND CONTAINMENT.
NONE.

COLUSA CO AIRPORT FRC STEGEMAN STATION	LD UST	HWY 45 COLUSA	11 Map Id 2.7 mile N
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Land Disposal Sites

Site: COLUSA CO AIRPORT
Address: HWY 45
City: COLUSA
Status: OPEN

Known Environmental Concerns for
FUNKS RESERVOIR AND DELEVAN PI

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L10007004564

Underground Storage Tanks

Site: FRC STEGEMAN STATION
Address: HWY 45
City: PRINCETON
Status: 00000030055 (198798A)

Activity: WALNUT PROCESSING/R
1500 gallon, carbon steel tank (regular)
1500 gallon, single-walled, epoxy lined, carbon steel tank (waste oil)

MOLLER AVIATION	LUST	HWY 99 (JUST N OF MAXWELL)	14 Map Id 2.6 mile N
MOLLER AVIATION	NT	MAXWELL	

Leaking Underground Storage Tanks

Site: MOLLER AVIATION
Address: HWY 99 (JUST N OF MAXWELL)
City: MAXWELL
Status: 1 - Leak being confirmed.

The case, 5S0043364, is managed by the Regional Water Quality Board.

- The leak was confirmed on 01/01/88.

Toxic Releases

Site: MOLLER AVIATION
Address: HWY 99 (JUST N OF MAXWELL)
City: MAXWELL
Status: INACT

id: SLT5S0043364 , substance: PHC

JR SIMPLOT SOIL BUILDERS	NT	HWY 99 & LENAHAN RD	16 Map Id 0 mile E
		MAXWELL	

Toxic Releases

Site: JR SIMPLOT SOIL BUILDERS
Address: HWY 99 & LENAHAN RD
City: MAXWELL
Status: INACT

id: T10000001183

Known Environmental Concerns for
FUNKS RESERVOIR AND DELEVAN PI

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MOLLER AVIATION	HI	HWY 99 JUST NORTH OF MAXWELL MAXWELL	17 Map Id 2.6 mile N
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Historical Sites

Site: MOLLER AVIATION
Address: HWY 99 JUST NORTH OF MAXWELL
City: MAXWELL
Status: 06070006 103194 AGRICULTURAL SERVICES

BARNES PROPERTY - DELEVAN	LUST	LORETZ RD	20
BARNES PROPERTY - DELEVAN	NT	DELEVAN	Map Id
J.R. SIMPLOT - DELEVAN**	NT		2.6 mile N

Leaking Underground Storage Tanks

Site: BARNES PROPERTY - DELEVAN
Address: LORETZ RD
City: DELEVAN
Status: 1 - Leak being confirmed.

The case, 5S7153199, is managed by the Regional Water Quality Board.

Toxic Releases

Site: BARNES PROPERTY - DELEVAN
Address: LORETZ RD
City: DELEVAN
Status: INACT

id: SLT5S7153199 , substance: MET, PET

Toxic Releases

Site: J.R. SIMPLOT - DELEVAN**
Address: LORETZ RD
City: DELEVAN
Status: RI

id: 5-341 , substance: TPH-G, BTEX active

UNKNOWN	ERNS	MCDERMOTT & DELAVAN RD DELAVAN	21 Map Id 0 mile S
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Emergency Response Notification System

Site: UNKNOWN
Address: MCDERMOTT & DELAVAN RD
City: DELAVAN
Status: 9000017278 700 UNK of AQUA AMMONIA (20%) (04/25/1

Known Environmental Concerns for
FUNKS RESERVOIR AND DELEVAN PI

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MCDERMOTT AND DELAVAN RD
SPILL TO LAND TRUCK OVERTURNED IN IRRIGATION CANAL

SIGNAL OIL	HI	NORMAN RD 1/8 MI W OF ARGO PRINCETON	22 Map Id 2.6 mile N
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Historical Sites

Site: SIGNAL OIL
Address: NORMAN RD 1/8 MI W OF ARGO
City: PRINCETON
Status: 06510020 103194 WHOLESALE TRADE - NONDURABLE GOODS

VALLEY AIR SERVICE LTD. VALLEY AIR SERVICE LTD.	LUST NT	PO BOX 178 COLUSA	23 Map Id 2.6 mile N
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Leaking Underground Storage Tanks

Site: VALLEY AIR SERVICE LTD.
Address: PO BOX 178
City: COLUSA
Status: 1 - Leak being confirmed.

The case, 5S4073369, is managed by the Regional Water Quality Board.

- The leak was confirmed on 01/01/85.

Toxic Releases

Site: VALLEY AIR SERVICE LTD.
Address: PO BOX 178
City: COLUSA
Status: INACT

id: SLT5S4073369 , substance: PHC

ENVIRONMENTAL RECORDS SEARCH

SITES WITH OPERATING PERMITS ONLY

Operating Permits Only for
FUNKS RESERVOIR AND DELEVAN PI

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Date: 03-04-2010
Job: DOWR3414-S

City: COLUSA
Status: 00000064583 (198798A)

Activity: PERSONAL USE
500 gallon, stainless steel tank (regular), installed in 1950

Underground Storage Tanks

Site: FREDERIC G. CERNEY
Address: COLUSA PRINCETON RD
City: PRINCETON
Status: 00000054028 (198798A)

4000 gallon, epoxy lined, fiberglass tank (regular), installed in 1978
350 gallon, single-walled, unlined, carbon steel tank (waste oil), installed in 1970

Underground Storage Tanks

Site: JIMENO RANCHO
Address: COLUSA PRINCETON RD
City: PRINCETON
Status: 00000022678 (198798A)

Activity: GENERAL FARMING
2000 gallon, unlined, carbon steel tank (unleaded)
550 gallon, unlined, carbon steel tank (unleaded)

Underground Storage Tanks

Site: PACKER FARMING
Address: COLUSA PRINCETON RD
City: PRINCETON
Status: 06000008226 (1993)

COLUSA GENERATING STATION RCRA 5025 DELEVAN RD
MAXWELL

8

Map Id
.8 mile S

RCRA Generators

Site: COLUSA GENERATING STATION
Address: 5025 DELEVAN RD
City: MAXWELL
Status: L - Large Generator

Permit id#: CAR000188102

Last update 10/29/2007. Activities at this facility include:
Fossil Fuel Electric Power Generation

L.C. DENNIS CO., INC.-RANCH UST FOUR MILE RD,1 N ON, OFF MAX
GUNNERSFIELD ENTERPRISES, INC. UST MAXWELL

9

Map Id
0 mile

Underground Storage Tanks

Site: L.C. DENNIS CO., INC.-RANCH
Address: FOUR MILE RD,1 N ON, OFF MAXWE
City: MAXWELL

Operating Permits Only for
FUNKS RESERVOIR AND DELEVAN PI

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Status: 00028121 (191995A)

Underground Storage Tanks

Site: GUNNERSFIELD ENTERPRISES, INC.
Address: FOUR MILE RD
City: MAXWELL
Status: 00000015806 (198798I)

Activity: FARMING
4000 gallon, carbon steel tank (regular), installed in 1976
1000 gallon tank (regular), installed in 1976
1000 gallon, single-walled, carbon steel tank (regular), installed in 1983

DELEVAN NATIONAL WILDLIFE RE UST FOUR MILE RD, 17N2W 8
MAXWELL

10
Map Id
0 mile S

Underground Storage Tanks

Site: DELEVAN NATIONAL WILDLIFE REFU
Address: FOUR MILE RD, 17N2W 8
City: MAXWELL
Status: 00000056668 (1987)

Activity: REFUGE
550 gallon, single-walled, unlined, carbon steel tank (waste oil)
550 gallon, single-walled, unlined, carbon steel tank (waste oil)

ST. PATRICK'S HOME RANCH UST HWY 45 - 7 MI N OF COLUSA
COLUSA

12
Map Id
0 mile S

Underground Storage Tanks

Site: ST. PATRICK'S HOME RANCH
Address: HWY 45 - 7 MI N OF COLUSA
City: COLUSA
Status: 00000061503 (198798A)

Activity: RANCH
500 gallon, carbon steel tank (regular)

FRC STEGEMAN STATION UST HWY 45 S
PRINCETON

13
Map Id
0 mile S

Underground Storage Tanks

Site: FRC STEGEMAN STATION
Address: HWY 45 S
City: PRINCETON
Status: 00000011245 (199598I)

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FUNKS RESERVOIR AND DELEVAN PI

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DEPUE DELEVAN DRYER

FN

HWY 99 & DELEVAN RD
WILLIAMS

15

Map Id
0 mile S

FINDS EPA Facility Index System

Site: DEPUE DELEVAN DRYER
Address: HWY 99 & DELEVAN RD
City: WILLIAMS
Status:

Permit id#: CA0002186161

SIMPLOT SOILBUILDERS MAXWELL
OXYCHEM WESTSIDE

HWIS
PE

HWY 99 N & LENAHAN RD
MAXWELL

18

Map Id
0 mile E

Hazardous Waste Information System

Site: SIMPLOT SOILBUILDERS MAXWELL
Address: HWY 99 N & LENAHAN RD
City: MAXWELL
Status: EPA ID#: CAL000061742

Section Seven Tracking System

Site: OXYCHEM WESTSIDE
Address: HWY 99 N & LENAHAN RD
City: MAXWELL
Status:

Permit id#: CAD980815542

SIMPLOT SOILBUILDERS
MOLLER AIR

UST
UST

HWY 99 W
MAXWELL

19

Map Id
0 mile

Underground Storage Tanks

Site: SIMPLOT SOILBUILDERS
Address: HWY 99 W
City: MAXWELL
Status: 00000059544 (198798I)

Activity: AG. CHEM & FERTILIZ
5000 gallon, single-walled, unlined, carbon steel tank (regular), installed in 1982
5000 gallon tank (regular), installed in 1982

Underground Storage Tanks

Site: MOLLER AIR
Address: HWY 99 W
City: MAXWELL
Status: 00000021800 (198798A)

Activity: AGRICULTURAL AIRCRA
1500 gallon tank

Operating Permits Only for
FUNKS RESERVOIR AND DELEVAN PI

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BANJAMIN P. BABER

UST

MCDERMOTT RD, 17 32 A
MAXWELL

Uknwn
Map Id

Underground Storage Tanks

Site: BANJAMIN P. BABER
Address: MCDERMOTT RD, 17 32 A
City: MAXWELL
Status: 00000041936 (198798A)

Activity: ARM
550 gallon, single-walled, unlined, steel clad tank (regular), installed in 1949

MAXWELL VORTAC

HWIS

2.8 MI DOWN MCDERMOTT RD
MAXWELL

Uknwn
Map Id

Hazardous Waste Information System

Site: MAXWELL VORTAC
Address: 2.8 MI DOWN MCDERMOTT RD
City: MAXWELL
Status: EPA ID#: CAC000798968

Liq with PCB > 50 mg/l

ton

88/89 90/91 92/93 94/95 96/97 98/99 00/01 02/03 04/05
1.57

CLARKVILLE DUCK CLUB

UST

NORMAN RD
COLUSA

Uknwn
Map Id

Underground Storage Tanks

Site: CLARKVILLE DUCK CLUB
Address: NORMAN RD
City: COLUSA
Status: 00000027457 (198798I)

Activity: FARM
550 gallon, carbon steel tank (regular), installed in 1980

FRANK GAROFALO

UST

PO BOX 217
COLUSA

Uknwn
Map Id

Underground Storage Tanks

Site: FRANK GAROFALO
Address: PO BOX 217
City: COLUSA
Status: 00000033546 (198798A)

Operating Permits Only for
FUNKS RESERVOIR AND DELEVAN PI

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Activity: FARM
520 gallon, single-walled, unlined, steel clad tank (unleaded), installed in 1968

DICK SIBIGLIA UST PO BOX 223
DICK SIBIGLIA UST PRINCETON

Uknwn
Map Id

Underground Storage Tanks

Site: DICK SIBIGLIA
Address: PO BOX 223
City: PRINCETON
Status: 00000048474 (198798I)

350 gallon tank (regular), installed in 1980

Underground Storage Tanks

Site: DICK SIBIGLIA
Address: PO BOX 223
City: PRINCETON
Status: 06000321484 (1993)

ALDERSON RANCH SUPPLY HWIS PO BOX 278
PRINCETON

Uknwn
Map Id

Hazardous Waste Information System

Site: ALDERSON RANCH SUPPLY
Address: PO BOX 278
City: PRINCETON
Status: EPA ID#: CAL000000392

EDWIN DIMON UST PO BOX 296
PRINCETON

Uknwn
Map Id

Underground Storage Tanks

Site: EDWIN DIMON
Address: PO BOX 296
City: PRINCETON
Status: 00000010925 (198798I)

Activity: HOME
550 gallon, single-walled, carbon steel tank (regular), installed in 1971

Operating Permits Only for
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FRED CANNELL BERTHA C. GIANNINI	UST UST	RR 1 BOX COLUSA	Uknwn Map Id
------------------------------------	------------	--------------------	------------------------

Underground Storage Tanks

Site: FRED CANNELL
Address: RR 1 BOX
City: COLUSA
Status: 00043848 (191995A)

Underground Storage Tanks

Site: BERTHA C. GIANNINI
Address: RR 1 BOX
City: COLUSA
Status: 00053641 (191995A)

DR. EDWIN WORTHAM IV	UST	RR 1 BOX 226 COLUSA	Uknwn Map Id
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Underground Storage Tanks

Site: DR. EDWIN WORTHAM IV
Address: RR 1 BOX 226
City: COLUSA
Status: 00000036640 (198798A)

500 gallon, single-walled tank (regular), installed in 1982

OTENWALTER FARM SHOP	UST	RR 1 BOX 251, 6 MI N HWY COLUSA	Uknwn Map Id
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Underground Storage Tanks

Site: OTENWALTER FARM SHOP
Address: RR 1 BOX 251, 6 MI N HWY
City: COLUSA
Status: 00018652 (191995A)

CLAYTON GODDARD	UST	RR 1 BOX 285 COLUSA	Uknwn Map Id
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Underground Storage Tanks

Site: CLAYTON GODDARD
Address: RR 1 BOX 285

Operating Permits Only for
FUNKS RESERVOIR AND DELEVAN PI

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Date: 03-04-2010
Job: DOWR3414-S

City: COLUSA
Status: 00000015117 (198798A)

Activity: FARM
550 gallon, carbon steel tank (unleaded)

DAVID A. TORRES

UST

RR 1 BOX 470
PRINCETON

Uknwn
Map Id

Underground Storage Tanks

Site: DAVID A. TORRES
Address: RR 1 BOX 470
City: PRINCETON
Status: 00000008943 (198798A)

550 gallon, carbon steel tank (unleaded), installed in 1975

NANCY TORRES

UST

RR 1 BOX 551
PRINCETON

Uknwn
Map Id

Underground Storage Tanks

Site: NANCY TORRES
Address: RR 1 BOX 551
City: PRINCETON
Status: 00000008547 (198798A)

Activity: FARM
1500 gallon tank (regular)

CHARLES LOPES

UST

RR 1 BOX 615
PRINCETON

Uknwn
Map Id

Underground Storage Tanks

Site: CHARLES LOPES
Address: RR 1 BOX 615
City: PRINCETON
Status: 00000045336 (198798A)

Activity: PRIVATE
550 gallon, single-walled, carbon steel tank (premium), installed in 40

SAME AS ABOVE

UST

RR 1 BOX 661
PRINCETON

Uknwn
Map Id

Operating Permits Only for
FUNKS RESERVOIR AND DELEVAN PI

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Underground Storage Tanks

Site: SAME AS ABOVE
Address: RR 1 BOX 661
City: PRINCETON
Status: 00000036515 (198798A)

550 gallon, carbon steel tank (unleaded)
tank

GARBUTT FARM	UST	RR 1 BOX 692 PRINCETON	Ukwn Map Id
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Underground Storage Tanks

Site: GARBUTT FARM
Address: RR 1 BOX 692
City: PRINCETON
Status: 00000027472 (198798A)

Activity: FARM
550 gallon tank (regular)

JOE RONCHETTO	UST	RR 1 BOX 710 PRINCETON	Ukwn Map Id
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Underground Storage Tanks

Site: JOE RONCHETTO
Address: RR 1 BOX 710
City: PRINCETON
Status: 00000051892 (198798A)

Activity: FARM
500 gallon, carbon steel tank , installed in 1945

FOUR CORNERS STATION	UST	RR 1 BOX 950-H PRINCETON	Ukwn Map Id
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Underground Storage Tanks

Site: FOUR CORNERS STATION
Address: RR 1 BOX 950-H
City: PRINCETON
Status: 00000012614 (1987)

Activity: GAS STATION
1000 gallon tank (regular), installed in 1959
1000 gallon tank (unleaded), installed in 1959

Operating Permits Only for
FUNKS RESERVOIR AND DELEVAN PI

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OTENWALTER FARM SHOP	UST	RR 1 BOX N251 COLUSA	Uknwn Map Id
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Underground Storage Tanks

Site: OTENWALTER FARM SHOP
Address: RR 1 BOX N251
City: COLUSA
Status: 00000044031 (1987)

Activity: GAS STATION
10000 gallon, single-walled, unlined, fiberglass tank (unleaded), installed in 1978
10000 gallon, single-walled, unlined, fiberglass tank (regular), installed in 1978
10000 gallon, single-walled, unlined, fiberglass tank (premium), installed in 1978

LEWIS TRUCKING	HWIS	RT 1 BOX 1128 ORLAND	Uknwn Map Id
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Hazardous Waste Information System

Site: LEWIS TRUCKING
Address: RT 1 BOX 1128
City: ORLAND
Status: EPA ID#: CAX000094243

HENRY WOMBLE	UST	RT 1 BOX 1735 COLUSA	Uknwn Map Id
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Underground Storage Tanks

Site: HENRY WOMBLE
Address: RT 1 BOX 1735
City: COLUSA
Status: 00000046367 (198798A)

Activity: FARMING
500 gallon tank (unleaded)

KAY WELLER	UST	RT 1 BOX 785 PRINCETON	Uknwn Map Id
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Underground Storage Tanks

Site: KAY WELLER
Address: RT 1 BOX 785
City: PRINCETON
Status: 00000056738 (198798A)

Activity: FARM

Operating Permits Only for
FUNKS RESERVOIR AND DELEVAN PI

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500 gallon tank (waste oil), installed in 1975

KLAN FARMS & HENRY HANSEN RA	UST	RT 1 BOX 901 PRINCETON
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Uknwn
Map Id

Underground Storage Tanks

Site: KLAN FARMS & HENRY HANSEN RANC
Address: RT 1 BOX 901
City: PRINCETON
Status: 00000052109 (198798A)

Activity: FARMING
5500 gallon, single-walled, unlined, carbon steel tank (waste oil), installed in 1975
300 gallon, single-walled, unlined, carbon steel tank (regular), installed in 1960
500 gallon, single-walled, carbon steel tank (premium), installed in 1962
2000 gallon, single-walled, unlined, carbon steel tank (premium), installed in 1970
300 gallon, single-walled, unlined, carbon steel tank (regular), installed in 1960

JIM OWENS CATTLE COMPANY	UST	SITES LADOGA ROAD-WEST OF MA SITES RANCH
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Uknwn
Map Id

Underground Storage Tanks

Site: JIM OWENS CATTLE COMPANY
Address: SITES LADOGA ROAD-WEST OF MAXW17N4W 17
City: SITES RANCH
Status: 00000060465 (198798A)

Activity: RANCHING
tank