

LINCOLN MEADOWS PROJECT

SCH# 2016072046

FINAL ENVIRONMENTAL IMPACT REPORT

PREPARED FOR
THE CITY OF LINCOLN



JANUARY 2018

PREPARED BY



1501 SPORTS DRIVE, SUITE A, SACRAMENTO, CA 95834

Final Environmental Impact Report Lincoln Meadows Project

SCH # 2016072046

Lead Agency:

City of Lincoln
600 6th Street
Lincoln, CA 95648

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January 2018

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1. INTRODUCTION AND LIST OF COMMENTERS

1 INTRODUCTION AND LIST OF COMMENTERS

1.1 INTRODUCTION

This Final Environmental Impact Report (EIR) contains public and agency comments received during the public review period of the Lincoln Meadows Project Draft EIR. This document has been prepared by the City of Lincoln, as lead agency, in accordance with the California Environmental Quality Act (CEQA) and the CEQA Guidelines, section 15132. The Introduction and List of Commenters chapter of the Final EIR discusses the background of the Draft EIR and purpose of the Final EIR, identifies the comment letters received on the Draft EIR, and provides an overview of the Final EIR's organization.

1.2 BACKGROUND

The Draft EIR identified the proposed project's potential impacts and the mitigation measures that would be required to be implemented. The following environmental analysis chapters are contained in the Lincoln Meadows Project Draft EIR:

- Aesthetics;
- Air Quality and Greenhouse Gas Emissions;
- Biological Resources;
- Cultural Resources;
- Geology, Soils, and Seismicity;
- Hydrology and Water Quality;
- Land Use and Planning / Agricultural Resources;
- Noise;
- Public Services and Utilities; and
- Transportation and Circulation.

In accordance with CEQA, the City of Lincoln used the following methods to solicit public input on the Draft EIR: a Notice of Preparation (NOP) for the Draft EIR was released for a 30-day review from July 20, 2016 to August 18, 2016. In addition, a public scoping meeting was held on August 17, 2017 to solicit public comments regarding the scope of the Draft EIR. A Notice of Availability (NOA) of the Draft EIR was distributed and the Draft EIR was sent to the State Clearinghouse for distribution on July 6, 2017 for the 45-day public review period, which ended August 21, 2017. Local agencies were separately noticed regarding the availability of the Draft EIR, from October 31, 2017 to December 14, 2017. Copies of the document were made available at the City of Lincoln Community Development Department located at 600 Sixth Street, California, the Lincoln Public Library, and on the City's website at:

<http://www.lincolncalifornia.gov/city-hall/departments-divisions/community-development/environmental->

[documents.](#)

1.3 PURPOSE OF THE FINAL EIR

Under CEQA Guidelines, section 15132, the Final EIR shall consist of:

1. The Draft EIR or a revision of the Draft.
2. Comments and recommendations received on the Draft EIR.
3. A list of persons, organizations, and public agencies commenting on the Draft EIR.
4. The responses to significant environmental points raised in the review process.
5. Any other information added by the Lead Agency.

As required by CEQA Guidelines, section 15090(a)(1)-(3), a Lead Agency must make the following three determinations in certifying a Final EIR:

1. The Final EIR has been completed in compliance with CEQA.
2. The Final EIR was presented to the decision-making body of the Lead Agency, and the decision-making body reviewed and considered the information in the Final EIR prior to approving the project.
3. The Final EIR reflects the Lead Agency’s independent judgment and analysis.

Under CEQA Guidelines, section 15091, a public agency shall not approve or carry out a project for which an EIR has been certified that identifies one or more significant environmental effects of the project unless the public agency makes one or more written findings (Findings of Fact) for each of those significant effects. Findings of Fact must be accompanied by a brief explanation of the rationale for each finding supported by substantial evidence in the records. The Findings of Fact are included in a separate document that will be considered for adoption by the City’s decision-makers.

In addition, pursuant to CEQA Guidelines, section 15093(b), when a Lead Agency approves a project that would result in significant unavoidable impacts, the agency must state in writing the reasons supporting the action (Statement of Overriding Considerations). The Statement of Overriding Considerations shall be supported by substantial evidence. Here, the proposed project would result in significant and unavoidable impacts to transportation and circulation; thus, a Statement of Overriding Considerations must be adopted if the project is approved.

1.4 LIST OF COMMENTERS

The City of Lincoln received five comment letters during the public comment period on the Draft EIR for the proposed project. The comment letters were authored by the following agencies. The City did not receive any written comments from members of the public.

Letter 1 Governor’s Office of Planning and Research, State of California
Letter 2 Nevada Irrigation District, Armon “Chip” Close
Letter 3 Western Placer Waste Management Authority, Eric Oddo

Letter 4..... County of Placer, Planning Division, Leigh Chavez
Letter 5..... Western Placer Unified School District, Michael Adell

In addition to the written comment letters, the City of Lincoln Planning Commission provided verbal comments on the proposed project at its regular meeting on August 16, 2017.

1.5 ORGANIZATION OF THE FINAL EIR

The Final EIR is organized into the following chapters:

1. Introduction and List of Commenters

Chapter 1 provides an introduction and overview of the document, describing the background and organization of the Final EIR. Chapter 1 also provides a list of commenters who submitted letters in response to the Draft EIR.

2. Responses to Comments

Chapter 2 presents the comments received and responses to each comment. Each comment received has been individually numbered. Each comment letter received has been numbered at the top and bracketed to indicate how the letter has been divided into individual comments. Each comment is given a number with the letter number appearing first, followed by the comment number. For example, the first comment in Letter 1 would have the following format: 1-1. The response to each comment will reference the comment number.

3. Revisions to the Draft EIR Text

Chapter 3 summarizes changes made to the Draft EIR text including clarifications, modifications, and amplifications of the analysis. Section 15088.5 of the State CEQA Guidelines states that a lead agency is required to recirculate a Draft EIR when “significant new information” is added to the document after public notice is given of the availability of the draft EIR for public review under Section 15087 but before certification. Pursuant to this section, the term "information" can include changes in the project or environmental setting as well as additional data or other information. New information added to an EIR is not considered "significant" unless the EIR is changed in a way that deprives the public of a meaningful opportunity to comment upon a substantial adverse environmental effect of the project or a feasible way to mitigate or avoid such an effect (including a feasible project alternative) that the City has declined to implement. "Significant new information" requiring recirculation includes any of the following:

1. A new significant environmental impact would result from the project or from a new mitigation measure proposed to be implemented.
2. A substantial increase in the severity of an environmental impact would result unless mitigation measures are adopted that reduce the impact to a level of insignificance.

3. A feasible project alternative or mitigation measure considerably different from others previously analyzed would clearly lessen the environmental impacts of the project, but the project's proponents decline to adopt it.
4. The draft EIR was so fundamentally and basically inadequate and conclusory in nature that meaningful public review and comment were precluded.

Recirculation is not required where the new information added to the EIR merely clarifies or amplifies or makes insignificant modifications in an adequate EIR. The modifications to the Draft EIR identified in Chapter 3 have been examined with these requirements and obligations in mind. The City has determined that the provisions of Section 15088.5 of the CEQA Guidelines are not triggered and recirculation of this EIR is not required.

4. Mitigation Monitoring and Reporting Program

CEQA Guidelines, section 15097, requires lead agencies to adopt a program for monitoring the mitigation measures required to avoid the significant environmental impacts of a project. The intent of the Mitigation Monitoring and Reporting Program (MMRP) is to ensure implementation of the mitigation measures identified within the EIR for the Lincoln Meadows Project.

2. RESPONSES TO COMMENTS

2

RESPONSES TO COMMENTS

2.1 INTRODUCTION

This chapter contains responses to each of the comments received on the Draft EIR.

2.2 RESPONSES TO COMMENTS

The following provides responses to comments received from public agencies on the Draft EIR. As noted in Letter 1 from the Governor’s Office of Planning and Research, State Clearinghouse, comments on the Draft EIR were not received from any State agencies during the public review period. Responses to comments made by the City of Lincoln Planning Commission during its regular meeting on August 16, 2017 are also included at the end of this chapter.

Letter 1



Edmund G. Brown Jr.
Governor

STATE OF CALIFORNIA
Governor's Office of Planning and Research
State Clearinghouse and Planning Unit



Ken Alex
Director

August 22, 2017

Paul Junker
City of Lincoln
640 Fifth Street
Lincoln, CA 95648

Subject: Lincoln Meadows
SCH#: 2016072046

Dear Paul Junker:

The State Clearinghouse submitted the above named Draft EIR to selected state agencies for review. The review period closed on August 21, 2017, and no state agencies submitted comments by that date. This letter acknowledges that you have complied with the State Clearinghouse review requirements for draft environmental documents, pursuant to the California Environmental Quality Act.

Please call the State Clearinghouse at (916) 445-0613 if you have any questions regarding the environmental review process. If you have a question about the above-named project, please refer to the ten-digit State Clearinghouse number when contacting this office.

Sincerely,

A handwritten signature in black ink that reads "Scott Morgan".

Scott Morgan
Director, State Clearinghouse

1400 TENTH STREET P.O. BOX 3044 SACRAMENTO, CALIFORNIA 95812-3044
TEL (916) 445-0613 FAX (916) 323-3018 www.opr.ca.gov

Document Details Report
State Clearinghouse Data Base

Letter 1
cont'd

SCH# 2016072046
Project Title Lincoln Meadows
Lead Agency Lincoln, City of

Type EIR Draft EIR
Description The proposed project site currently has a Placer County General Plan LUD of RR. As can be seen on the city's GP land use diagram, the project site is currently designated village, and is within the village 2 area. The project includes a request to amend the city of Lincoln GP LU diagram to remove the project site from village 2, and re-designate the project site as open space and low density residential. A designation of low density residential would be consistent with existing development within the city limits directly west of the project site.

Lead Agency Contact

Name Paul Junker
Agency City of Lincoln
Phone 916-434-2400
email
Address 640 Fifth Street
City Lincoln
Fax
State CA **Zip** 95648

Project Location

County Placer
City Lincoln
Region
Lat / Long 38° 54' 10" N / 121° 16' 3" W
Cross Streets Virginiatown Rd and Hungry Hollow Rd
Parcel No. 021-0231-018, -250-001
Township 12N **Range** 6E **Section** 11 **Base** MDBM

Proximity to:

Highways SR 193
Airports
Railways UPRR
Waterways Lincoln Canal, Auburn Ravine
Schools Various
Land Use The project site is currently vacant annual grassland with an existing Nevada Irrigation District irrigation ditch traversing through the center of the site. The project site currently has a Placer County General Plan Land Use designation of Rural Residential and is zoned by the County as Farm. The Lincoln General Plan designates the project site as Village; and the family residences, and farmland to the east; farmland, a decommissioned City of Lincoln landfill, and Virginiatown Road to the south; and single family residences to the west.

Project Issues Air Quality; Archaeologic-Historic; Biological Resources; Drainage/Absorption; Geologic/Seismic; Noise; Sewer Capacity; Soil Erosion/Compaction/Grading; Traffic/Circulation; Water Quality; Wetland/Riparian; Cumulative Effects

Reviewing Agencies Resources Agency; Central Valley Flood Protection Board; Department of Conservation; Department of Fish and Wildlife, Region 2; Department of Parks and Recreation; California Highway Patrol; Caltrans, District 3 N; Delta Protection Commission; Delta Stewardship Council; Regional Water Quality Control Bd., Region 5 (Sacramento); State Water Resources Control Board, Division of Drinking Water, District 2; Air Resources Board, Transportation Projects; Native American Heritage Commission; Public Utilities Commission

Date Received 07/06/2017 **Start of Review** 07/06/2017 **End of Review** 08/21/2017

Note: Blanks in data fields result from insufficient information provided by lead agency.

LETTER 1: GOVERNOR'S OFFICE OF PLANNING AND RESEARCH, STATE OF CALIFORNIA

As stated in the comment letter, State agencies did not provide comments on the Draft EIR prepared for the proposed project.

Letter 2



NEVADA IRRIGATION DISTRICT

1036 W. Main Street, Grass Valley, CA 95945-5424
(530) 273-6185 ~ Fax: (530) 477-2646 ~ www.nidwater.com

December 11, 2017

Mr. Paul Junker, Project Planner
City of Lincoln Community Development Department
600 Sixth Street
Lincoln, CA 95648

Re: Lincoln Meadows Comments to Draft Environmental Impact Report

Dear Mr. Junker:

2-1

Thank you for providing a copy of the Draft Environmental Impact Report (DEIR) for the Lincoln Meadows Project. As you are aware, the District's Lincoln Canal bisects the proposed project area and is the topic for most of our comments. In the future the District would appreciate communication in the beginning stages of projects that include District facilities. This will help to minimize issues of critical importance for both agencies. The following responses are organized by necessary changes to address District facilities followed by general comments.

Necessary Changes to address District Facilities

Encasement of the Lincoln Canal With 18-inch Pipe is Required

2-2

The DEIR proposes that the Lincoln Canal will be encased with a 10-inch raw water line through much of the project area. The District's minimum standard for encasement of raw water facilities is an 18-inch pipe. Raw water irrigation canals are subject to storm water intrusion and debris. Pipelines smaller than the 18-inch standard are subject to clogging, inundation, and don't provide adequate access for cleaning.

Additionally, Section 4.6, Page 4 and Page 15, of the DEIR include a study of the watershed runoff and maximum capacity of the existing canal. The result indicates that the current canal has a total bank fill capacity of 13 cfs. The proposed 10-inch encasement cannot accommodate the 13 cfs of the current facility, and is further justification for an 18-inch pipeline through the project area.

SERVING PORTIONS OF NEVADA, PLACER & YUBA COUNTIES

**Letter 2
Cont'd**

City of Lincoln
Comments to DEIR Lincoln Meadows
December 11, 2017
Page 2 of 3

2-2 Encasement and Realignment Through the Entire Project Area is Required

The DEIR proposes to terminate the encasement at an existing portion of the canal that would remain as part of the 7.67-acre open space lot. Per the Districts Canal Protection Measures Policy, the District requires encasement through the entire development. This is in an effort to protect water quality, provide access, and allow for maintenance to the water supply facilities for downstream customers. The District will require the canal to be encased around the perimeter of the project by traveling down Hungry Hollow Road then down Virginiatown Road to be connected with the existing pipeline at the southwest corner of the development property and Virginiatown Road.

2-3 District Facilities Cannot be Used as Wetlands Mitigation

Section 4.3 of the DEIR classifies the Lincoln Canal as a wetland in multiple paragraphs. Additionally, Figure 4.3-2 labels the Canal as "Avoided Wetland" and attempts to use it as mitigation. District irrigation canals are not wetlands as they are active conveyance facilities with ongoing operation and maintenance activities. Additionally, the District ceases water imports for six months of the year thereby drying up the facility.

General Comments

2-4 Lincoln Canal Leakage

The DEIR includes multiple references to canal leakage contributing to both ground water table levels (Section 4.3 Page 2) and levee leakage contributing to wetlands (Section 4.3 Page 8). The District does not agree with those statements and in fact has staff dedicated to the patrolling and maintenance to assess and repair canal leakage when observed.

2-5 The Lincoln Canal is not a Jurisdictional Water Way

The DIER includes multiple references to the Lincoln Canal being a jurisdictional waterway. As a manmade seasonal irrigation water canal, the Lincoln Canal does not fit the definition of a jurisdictional waterway and should not be classified as such.

**Letter 2
Cont'd**

City of Lincoln
Comments to DEIR Lincoln Meadows
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Page 3 of 3

2-6

Lincoln Canal and Ground Water Effects

Section 4.3 of the DEIR makes the statement that “some leakage from the NID Canal may have localized effects on the groundwater tables”. While the District cannot confirm or deny that canal leakage is making it into the groundwater table, the close proximity to Auburn Ravine should make any effect to the ground water from the canal irrelevant.

2-7

Water Reductions During Multiple Dry Years

Section 4.9 Page 10 of the DEIR references water supplies in dry and multiple dry years. The section states that the District “may not reduce supplies at all during dry years”. This is only partially true and is dependent upon the amount of overall District water supply at the time of shortage. The District has a Drought Contingency Plan that would be enacted in both single and multiple dry years. Water supply shortages would be based on the severity of drought and water reductions range from voluntary to mandatory reductions of more than 40 percent.

2-8

Conclusion

Again, thank you providing a copy of the Lincoln Meadows DEIR for comment. In the future the District would appreciate notification in the early stages of the notice of preparation to help eliminate any potential CEQA challenges. The District looks forward to working collaboratively with the City of Lincoln on this, and any future projects within the Districts service area boundary. Given the significance of the Districts comments please feel free to call to discuss further.

Respectfully submitted,



Armon “Chip” Close
Nevada Irrigation District
Water Operations Manager
1036 West Main Street
Grass Valley, CA 95945
Close@nidwater.com

SERVING PORTIONS OF NEVADA, PLACER & YUBA COUNTIES

LETTER 2: NEVADA IRRIGATION DISTRICT, ARMON “CHIP” CLOSE

Response to Comment 2-1

The comment is an introductory statement that does not address the adequacy of the Draft EIR. Specific comments are addressed below. It should be noted that correspondence with the District was conducted as indicated by NID’s letter to the project engineer, dated February 19, 2015.

Response to Comment 2-2

In response to the comment, and in consultation with NID, the project applicant has agreed to encase the Lincoln Canal in an 18-inch raw water line. The Lincoln Canal would be encased in an 18-inch pipe, beginning at the northern boundary of the project, where it would then be routed through the internal subdivision streets, towards the southwest corner of the project site. As shown in Figure 2-1 of this Final EIR, the 18-inch pipe would ultimately connect back to the existing canal at the project site’s western boundary. The NID has confirmed that the proposed encasement of the Lincoln Canal in an 18-inch raw water line, and routing of the pipe through the proposed public streets within the project site, would be acceptable.¹

Considering the foregoing updates to the routing and encasement of the Lincoln Canal through the project site, page 3-14 of the Project Description, of the Draft EIR, has been revised as follows:

Nevada Irrigation District Canal

The proposed project includes the realignment and undergrounding of the existing NID canal that traverses generally through the center of the site. An ~~18~~ 18-inch raw water line would be constructed within on-site roadways to reroute NID water from the northern boundary of the project site to ~~an existing portion of the canal that would remain as part of the 7.67-acre open space lot~~ the southwestern corner of the project site, where the proposed 18-inch pipe would direct water to the NID’s existing infrastructure (see Figure 3-8). Portions of the existing canal located within the proposed development area would then be filled in during grading (see red hashing in Figure 3-8). The segment of the canal that flows through the proposed open space area would no longer convey water, and it would remain a feature within the proposed open space area. No changes to the feature or to the levee along the canal would occur. The canal transports water to the western boundary of the site, where the water enters an existing 10-inch pipe, and leaves the site. An additional 18-inch pipe near the 10-inch pipe is used to transport overflow from the NID canal, off-site, to the southwest outfall structure. The existing 18-inch pipe would continue to be used for NID overflow, and the proposed project does not include any alterations to the existing 18-inch NID pipe.

In addition to the foregoing text changes, Figure 3-8, on page 3-15, of the Project Description, of the Draft EIR has been updated to reflect the revised alignment. The changes to Figure 3-8 are provided below. The purple segment of the alignment illustrates the portion of the new 18-inch

¹ Armon “Chip” Close, Water Operations Manager, Nevada Irrigation District. Personal Communication [email] with Lisa Mattos, Baker Williams Engineering Group. December 13, 2017.

raw water irrigation pipe that has now been relocated within the internal streets of the subdivision (i.e., the proposed 18-inch NID pipe above the purple line remains unchanged). Figure 3-8 was also included as Figure 4.9-1, on page 4.9-30 of the Public Services and Utilities Chapter of the Draft EIR. Therefore, the following revisions to Figure 3-8 are hereby also applied to Figure 4.9-1.

Similar to the revisions above, page 4.9-30, of the Public Services and Utilities Chapter of the Draft EIR, is hereby revised as follows:

Lincoln Canal

An existing portion of the NID's Lincoln Canal bisects the project site from east to west. The proposed project includes the realignment and undergrounding of the on-site portion of the Lincoln Canal. An 18-inch raw water line would be constructed within on-site roadways to reroute NID water from the northern boundary of the project site to ~~an existing portion of the canal that would remain as part of the 7.67-acre open space lot. The water would then be transported to the western boundary of the project site to the existing 10-inch pipe~~ the southwestern corner of the project site, where the proposed 18-inch pipe would direct water to the NID's existing infrastructure. The 18-inch pipe that operates as a spill channel for the end of the Lincoln Canal before discharging flows into Auburn Ravine would not be affected by project improvements.

The alignment, plans and specifications of the ~~partial~~-on-site encasement of the Lincoln Canal requires NID approval.

Encasement of the Lincoln Canal within an 18-inch raw water line that would be within roadway alignments within and along the project site would not result in the disturbance of new areas of the project site that were not previously anticipated for disturbance and development. Thus, the foregoing revisions to the Draft EIR are for clarification purposes only, and do not affect the analysis of the Draft EIR.

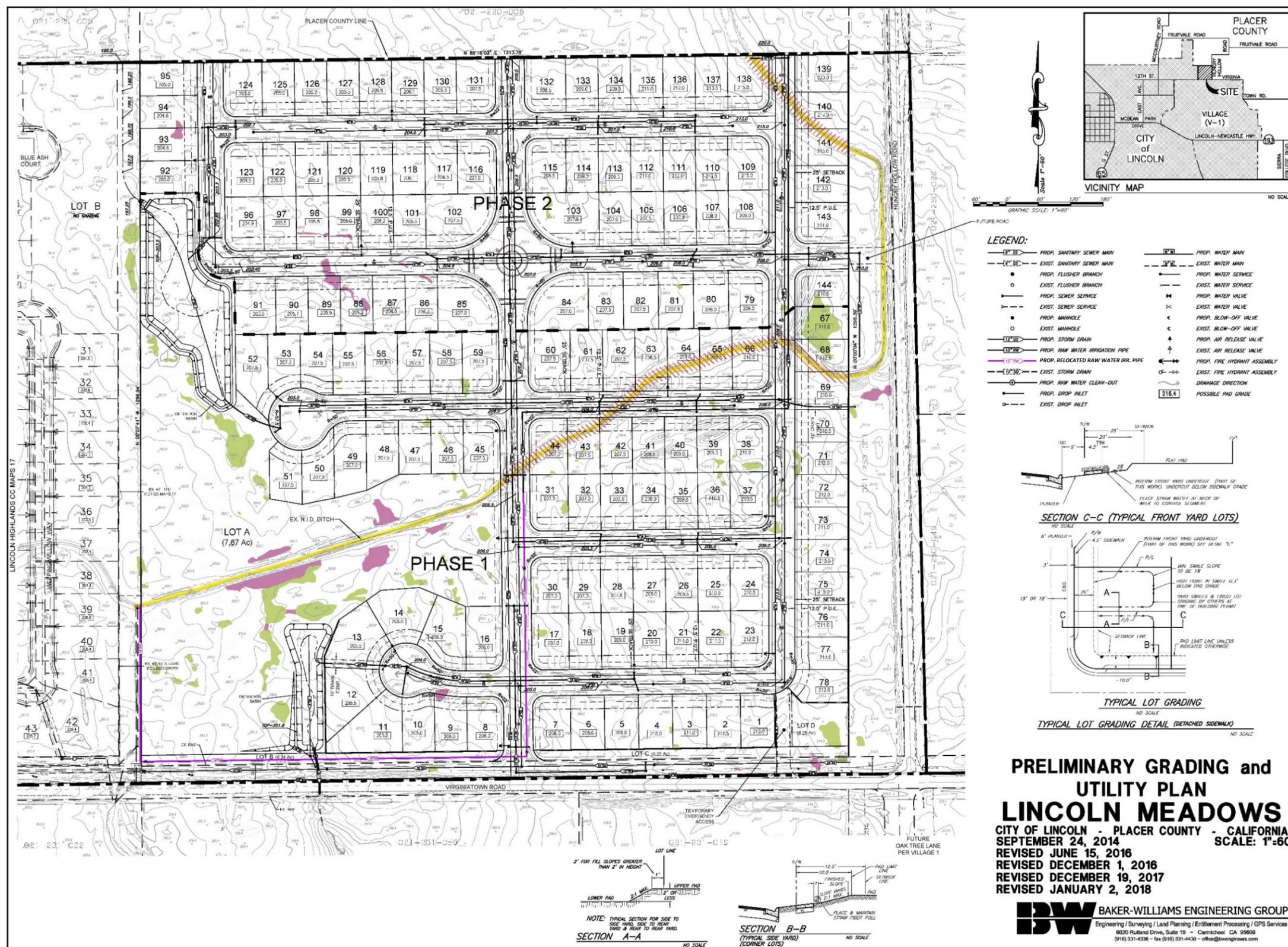
Response to Comment 2-3

Figure 4.3-2 of the Draft EIR does not convey that the Lincoln Canal will be used for mitigation purposes. The green shaded portion of the Canal, labeled "Avoided Wetland", simply conveys that this portion of the Canal will not be impacted by the project. In addition, since the release of the Draft EIR, Barnett Environmental, the biological consultant for the proposed project, has had further discussions with the United States Army Corps of Engineers (USACE) regarding the jurisdictional status of the Lincoln Canal. The USACE has preliminarily indicated that if the irrigation canal is an actively used and maintained structure, then piping it through the development area would constitute "maintenance" and therefore be exempt under Section 404(f) of the Clean Water Act. On December 19, 2017 the NID provided a letter confirming that the Lincoln Canal is an active irrigation canal that is maintained by NID and used on an annual basis to provide local irrigation water to its customers.²

² Armon Close, Water Operations Manage, Nevada Irrigation District. Personal Communication [Letter] with Bruce Barnett, Barnett Environmental. December 19, 2017.

Figure 2-1
(Figure 3-8, Preliminary Grading and Utility Plan, of the Draft EIR)





Based on preliminary input from the USACE, and confirmation of the routine maintenance and irrigation use of the Lincoln Canal, the Canal is not believed to be a wetland or a jurisdictional water way. To date, however, the USACE has not provided written concurrence with this determination. Thus, the analysis within the Draft EIR, including Table 4.3-4, which identifies wetland impact acreages, and Figure 4.3-2, which illustrates the types of impacts, likely overstates the impacts of the project and remains a conservative analysis by assuming the project's impacts on wetlands or jurisdictional water ways would include impacts to the Lincoln Canal.

Response to Comment 2-4

Information provided by the commenter regarding leakage from the Lincoln Canal is noted. The analysis included in the Draft EIR did not rely on the assumption that water from the Lincoln Canal leaked within the project site; thus, Page 4.3-2 of the Biological Resources Chapter, of the Draft EIR, is hereby revised as follows:

The project site is at approximately 200 feet above mean sea level, within the Auburn Ravine and Markham Ravine watersheds. The southern third of the project site is within the Auburn Ravine watershed, while the northern two-thirds of the project site are within the Markham Ravine watershed. Markham and Auburn Ravines drain westward across western Placer County and eventually join the Sacramento River. Hydrology in the area is mostly dependent on rainfall and local runoff; ~~however, some leakage from the NID canal may have localized effects on the groundwater tables.~~

In addition to the above update to the Draft EIR, page 4.3-8 of the Biological Resources Chapter, of the Draft EIR, is hereby revised as follows:

Nevada Irrigation District Lincoln Canal

The man-made open irrigation canal averages 12 feet in width and bisects the property. The canal enters the northeast corner of the site and parallels Hungry Hollow Road before turning west across the center of the parcel. Because the canal does not continuously follow the watershed divide, portions of the canal are banked with five-foot-wide levees ~~on top of lateral clay horizons, making seasonal leakage from May through October possible to direct~~ water within the canal as needed. The levees also result in ponding of local runoff on the upland side of the levees.

The foregoing changes to the Draft EIR are made for clarification purposes only, and do not affect the analysis of the Draft EIR.

Response to Comment 2-5

Please refer to Response to Comment 2-3.

Response to Comment 2-6

Please refer to Response to Comment 2-4.

Response to Comment 2-7

The information referenced by the commenter at the bottom of page 4.9-10 in the Draft EIR regarding reductions is taken from the City of Lincoln's 2015 Urban Water Management Plan, referenced in footnote 28. The City acknowledges that supply reductions would depend on the amount of overall NID supply at the time of shortage relative to drought severity and that NID would implement a Drought Contingency Plan in single and multiple dry years, which could result in voluntary to mandatory reductions of more than 40 percent. The information provided by the commenter elaborates on the information presented in the UWMP, but does not affect the conclusions of the Draft EIR.

Response to Comment 2-8

The comment is a concluding statement that does not address the adequacy of the Draft EIR.

Letter 3



WESTERN PLACER
WASTE MANAGEMENT AUTHORITY

PAUL JOINER, LINCOLN, CHAIR
ROBERT WEYGANDT, PLACER COUNTY
JOHN ALLARD, ROSEVILLE
JACK DURAN, PLACER COUNTY
SCOTT YUILL, ROCKLIN
KEN GREHM, EXECUTIVE DIRECTOR

December 11, 2017

Paul Junker, Project Planner
City of Lincoln
Community Development Department
600 Sixth Street
Lincoln, CA 95648
SENT VIA EMAIL: pjunker@mbakerintl.com

RE: LINCOLN MEADOWS DRAFT ENVIRONMENTAL IMPACT REPORT

Dear Mr. Junker:

3-1

The Western Placer Waste Management Authority (WPWMA) appreciates the opportunity to review and provide comments on the Draft Environmental Impact Report (DEIR) prepared for the Lincoln Meadows Project.

The WPWMA is a regional agency established in 1978 by the County of Placer and the cities of Roseville, Rocklin and Lincoln (Member Agencies). The WPWMA Board of Directors is comprised of elected officials from each of the Member Agencies. The WPWMA provides recycling and waste disposal services to those communities as well as the cities of Auburn and Colfax and the Town of Loomis. The WPWMA's facilities are located at Athens Avenue and Fiddymont Road. The WPWMA's properties total approximately 960 acres. Of this, approximately 800 acres are entitled for landfilling and approximately 320 acres are currently used for active solid waste operations.

The WPWMA's facilities include the Western Regional Sanitary Landfill (WRSL) (the only active landfill in Placer County), a Materials Recovery Facility, compost facility, recycling drop-off and buy-back center and permanent household hazardous waste collection facility. The WPWMA's facilities provide for environmentally protective and sanitary disposal of solid wastes and ensure that municipalities, businesses and individuals utilizing the facility continue to comply with state and federal laws related to the diversion of materials from landfilling and the safe and proper handling of household hazardous wastes.

The WPWMA appreciates your consideration of the following concerns with the Solid Waste sections of Chapter 4.9 of the DEIR:

3-2

1. Pages 4.9-17 and 4.9-33:
 - a. The DEIR uses 2014 MRF tonnages and the time period for the tonnages used for the WRSL is not identified. The WPWMA recommends using MRF and WRSL FY 2016/17 average weekday tonnages:
 - i. MRF 1,191
 - ii. WRSL 1,077

RECYCLING AND DISPOSAL MADE EASY
11476 C AVENUE AUBURN, CA 95603
(916) 543-3960 / (916) 543-3990 FAX
WWW.WPWMA.COM

**Letter 3
Cont'd**

3-2 cont'd	<p>PAUL JUNKER LINCOLN MEADOWS DEIR DECEMBER 11, 2017 PAGE 2</p> <p>b. <i>The WRSL has a remaining capacity of 25,386,466 cubic yards – remaining WRSL capacity as of June 30, 2017 was 24,468,271 cubic yards.</i></p>
3-3	<p>2. Page 4.9-25 of the DEIR states that the consultant used "<i>industry generation rates</i>" to calculate the project's estimated waste generation. These numbers should be identified and could potentially incorrectly estimate the project's waste generation potential by not using waste generation numbers specific to the City of Lincoln. The calculations also appear to be based on 2.59 residents per household; the State's City/County Population and Housing Estimates dated January 1, 2017 estimate 2.66 persons per household in Lincoln.</p>
3-4	
3-5	<p>3. Page 4.9-33 identifies the 2014 statewide average <i>disposal rate</i> of 4.5 pounds per resident per day to calculate the project's estimated waste generation. This number is incorrectly identified in the DEIR as the statewide average <i>waste generation rate</i> and potentially underestimates the project's waste generation potential. Page 4.9-33 also identifies an estimated C&D generation rate of 4.38 pounds per square foot established in 1998. The WPWMA recommends using a more recent C&D generation rate to estimate C&D waste generated from the project.</p>
3-6	<p>4. The WPWMA recommends that the City of Lincoln review its calculations to accurately reflect the project's solid waste generation potential.</p>

Thank you again for the opportunity to review the DEIR for this project. Please contact me at (916) 543-3984 or eoddo@placer.ca.gov should you wish to discuss these comments.

Sincerely,



Eric Oddo, PE
Environmental Engineering Program Manager

CC KEN GREHM, WPWMA EXECUTIVE DIRECTOR

LETTER 3: WESTERN PLACER WASTE MANAGEMENT AUTHORITY, ERIC ODDO

Response to Comment 3-1

The comment is an introductory statement that does not address the adequacy of the Draft EIR.

Response to Comment 3-2

Based on the average weekday tonnages recommended by the Western Placer Waste Management Authority (WPWMA) for the Western Regional Sanitary Landfill (WRSL) and associated Material Recovery Facility (MRF), page 4.9-17 of the Public Services and Utilities Chapter of the Draft EIR is hereby revised as follows:

The 320-acre WRSL is permitted to accept 1,900 tons per day and 624 vehicles per day; and currently receives an average of ~~638,1,077~~ tons per weekday ~~and 86 vehicles per day~~. The WRSL has a permitted design capacity of 36,350,000 cubic yards and, as of December 2017, has a remaining capacity of 25,386,466~~24,468,271~~ cubic yards. Under current land use and development conditions, the WRSL has a permitted lifespan extending to 2058.³⁵

~~The MRF has a permitted processing limit of 1,750 tons per day and 1,014 vehicles per day. According to Placer County, f~~For the period of January 1 through December 31, 2014 fiscal year 2016-2017, the average weekday tonnage received at the MRF was ~~1,116,1,191~~ tons ~~and the average weekday vehicle count at the MRF was 588~~. The MRF expanded in 2007, increasing its processing capacity of municipal solid waste and construction and demolition debris to 2,200 tons per day.

Similarly, page 4.9-33 of the Public Services and Utilities Chapter of the Draft EIR is hereby revised as follows:

As described above, the 320-acre WRSL has a remaining capacity of ~~25,386,46624,468,271 cubic yards, and has a permitted lifespan extending to 2058.⁴⁷ The MRF has a permitted processing limit of 1,750 tons per day ~~and 1,014 vehicles per day~~. The average weekday tonnage received at the MRF for ~~2014 fiscal year 2016-2017~~ was ~~1,116,1,191~~ tons, and in 2007 the MRF was expanded to increase its processing capacity of municipal solid waste and construction and demolition debris to 2,200 tons per day.⁴⁸~~

The foregoing revisions are for clarification purposes and do not alter the conclusions within the Draft EIR.

Response to Comment 3-3

In order to provide greater specificity regarding the solid waste generation rate sources used within the Draft EIR, page 4.9-25 of the Public Services and Utilities Chapter of the Draft EIR is hereby revised as follows:

The solid waste analysis of this chapter is based on solid waste calculations performed by Raney using ~~industry generation rates information from the U.S. EPA's report, *Estimating 2003 Building-Related Construction and Demolition Materials Amounts*, as well as CalRecycle operational solid waste generation rates.~~

The foregoing revisions are for clarification purposes only and do not alter the conclusions within the Draft EIR.

Response to Comment 3-4

As shown on page 4.9-25, of Chapter 4.9, Public Services and Utilities, within the Draft EIR, the anticipated population of the proposed project at buildout was estimated to be 373 residents based on the City of Lincoln's average household size of 2.59 persons per household. The average household size is derived from the *City of Lincoln 2013-2021 Housing Element Policy Document*, which was adopted in 2013. As noted by the commenter, the State has recently estimated the City's/County population at 2.66 persons per household. Use of different persons per household rates would slightly alter the anticipated number of residents from 373 under the City's Housing Element household size to 383 under the State's estimated household size. Although the differing household size estimates would result in a difference of 10 anticipated residents, an additional 10 residents would generate a relatively minor amount of solid waste, which would not affect the conclusions in the Draft EIR with respect to the receiving landfill having adequate capacity to serve the project.

Response to Comment 3-5

In 2009, the U.S. EPA published *Estimating 2003 Building-Related Construction and Demolition Materials Amounts*, which is an update to the *Construction of Building-Related Construction and Demolition Debris in the United States* document referenced in the Draft EIR. The 2009 report is the most recent source of construction and demolition waste generation rates available. In order to reflect the updated waste generation rates contained therein, page 4.9-33 of the Public Services and Utilities Chapter of the Draft EIR is hereby revised as follows:

The proposed project consists of the development of 144 single-family homes, which would generate debris during construction activities and could create a short-term impact on solid waste disposal. According to the report prepared for the EPA, titled ~~*Construction of Building-Related Construction and Demolition Debris in the United States*~~*Estimating 2003 Building-Related Construction and Demolition Materials Amounts*, residential construction debris has an estimated generation rate of ~~4,384.39~~ pounds per square foot (lbs/sf).⁴⁹ Based on this generation rate and the approximately 1,352,664 sf of construction area, the project is estimated to generate approximately ~~5,924,668~~5,938,195 lbs of debris.

In addition, page 4.9-33 of the Public Services and Utilities Chapter of the Draft EIR is hereby revised as follows to reflect use of an average waste generation rate specific to single-family residential development, based upon data provided by CalRecycle (<https://www2.calrecycle.ca.gov/WasteCharacterization/General/Rates>). It should be noted that the revised calculations are not dissimilar from the original estimates, given that there was an

inadvertent error in the calculations, where the daily calculation of 1,678 pounds was not converted to annual. This would have resulted in an annual estimate of 612,652 pounds.

During operation of the project, the future residents would produce solid waste that would be collected by the City and transferred to the WRSL. Based on ~~the Statewide average waste generation rate~~ an average of waste generation rates for single-family residential development of ~~4.5~~10.2 pounds per ~~person~~ residential unit per day, provided by CalRecycle, and ~~373 residents~~144 units, the project would be expected to produce approximately ~~1,678.5~~536,112 pounds (~~0.83925~~268.1 tons) of solid waste annually. Given that the average annual capacity for throughput of the landfill is approximately 400,000 tons more than the average annual throughput, it is reasonable to conclude that the landfill has sufficient permitted throughput capacity to accommodate the project's solid waste disposal needs in compliance with all applicable laws based on the calculated residential waste generation rate.

Response to Comment 3-6

Please refer to Response to Comment 3-5.

Letter 4



December 13, 2017

Paul Junker, Project Planner
City of Lincoln Community Development Department
600 Sixth Street
Lincoln, CA 95648

via email: pjunker@mbakerintl.com

Subject: Lincoln Meadows Draft Environmental Impact Report

Dear Mr. Junker:

4-1

Placer County appreciates the opportunity to review the Lincoln Meadows Draft Environmental Impact Report. The County offers the following comments for your consideration regarding the proposed project:

4-2

Placer County Flood Control and Water Conservation District
Within Section 4.6.4 entitled "Impacts and Mitigation Measures", the subsections entitled "Method of Analysis and Project-Specific Impacts and Mitigation Measures" contain several incorrect references which are inconsistent with the referenced source document. Discussions related to detention basin design, hydrologic modeling guidelines and storm water peak flow mitigation should provide the correct reference to the "**Placer County Stormwater Management Manual**". Discussions related to storm water quality should reference the "**West Placer Storm Water Quality Design Manual**".

4-3

Health & Human Services Environmental Health Division

1) Although discussed within the Initial Study, the Phase I Environmental Assessment was not provided within the DEIR as an appendix. Placer County Environmental Health recommends that the Phase I Environmental Assessment be included as an appendix to the DEIR.

4-4

2) EHS recommends that all development projects within 1,000 feet of an open or closed landfill should be required to record a deed notification indicating the property's proximity to a solid waste landfill, and the potential for nuisance conditions and health and safety hazards associated with living adjacent to a landfill.

4-5

3) 27 CCR § 21190(g) states that all on site construction within 1,000 feet of the boundary of any disposal area shall be designated and constructed to mitigate gas migration into the building. As this regulation specifies "on-site" construction, which means construction on the same parcel as the landfill area, this would not be a requirement of the proposed application. However, the developer may wish to consider some or all of the following conditions specified in 27 CCR § 21190(g):

a) A geomembrane or equivalent system with low permeability to landfill gas shall be installed between the concrete floor slab of the building and subgrade;

Planning Division • 3091 County Center Drive, #190 • Auburn, CA 95603
(530) 745-3000 office • (530) 745-3080 fax • planning@placer.ca.gov



**Letter 4
Cont'd**



**4-5
Cont'd**

- b) A permeable layer of open graded material of clean aggregate with a minimum thickness of 12 inches shall be installed between the geomembrane and the subgrade or slab;
- c) A geotextile filter shall be utilized to prevent the introduction of fines into the permeable layer;
- d) Perforated venting pipes shall be installed within the permeable layer, and shall be designed to operate without clogging;
- e) The venting pipe shall be constructed with the ability to be connected to an induced draft exhaust system;
- f) Automatic methane gas sensors shall be installed within the permeable layer, and inside the building to trigger an audible alarm when methane gas concentrations are detected; and
- g) Periodic methane gas monitoring shall be conducted inside all buildings and underground utilities in accordance with Article 6, of Subchapter 4 of this chapter (section 20920 et seq.).

4-6

Thank you again for the opportunity to comment on the Draft Environmental Impact Report for the Lincoln Meadows project.

Should you have any questions, please contact Leigh Chavez, Environmental Coordinator at lchavez@placer.ca.gov or 530-745-3077.

Sincerely,


LEIGH CHAVEZ, PRINCIPAL PLANNER
ENVIRONMENTAL COORDINATOR

LETTER 4: County of Placer, Planning Division, Leigh Chavez

Response to Comment 4-1

The comment is an introductory statement and does not address the adequacy of the Draft EIR.

Response to Comment 4-2

The following pages in Section 4.6, Hydrology and Water, of the Draft EIR have been revised to correct the names of documents used for determining stormwater detention basin requirements.

Page 4.6-14

West Yost Technical Memorandum

West Yost's Technical Memorandum included hydrologic modeling for the proposed project (both pre-project and post-project conditions) using HEC-1 hydrologic models that West Yost developed based on the Placer County guidelines within the ~~West Placer Storm Water Quality Design Manual~~ Placer County Stormwater Management Manual.²⁰

Page 4.6-20

As shown in Table 4.6-1 above, the inclusion of the detention basins would ensure that peak outflows from the North and South outfalls, following implementation of the project, would be equal to or less than the target flows required by the ~~West Placer Storm Water Quality Design Manual~~ Placer County Stormwater Management Manual.²⁹ For the Southeast and Southwest outfalls, post-project flows would be less than or equal to the target flows required by the ~~West Placer Storm Water Quality Design Manual~~ Placer County Stormwater Management Manual (see Table 4.6-1) and detention would not be required.

In addition, to meeting the requirements of the ~~West Placer Storm Water Quality Design Manual~~ Placer County Stormwater Management Manual, the inclusion of ...

The above revisions to select references are for clarification purposes only and do not affect the analysis or conclusions presented in the Draft EIR.

Response to Comment 4-3

CTE CAL prepared a Phase I Environmental Site Assessment (ESA) for the proposed project site on February 4, 2016, and the results of the Phase I ESA were summarized in the Initial Study,

included as Appendix C to the Draft EIR. As requested by the commenter, the Phase I prepared for the proposed project is included in this Final EIR as Appendix A.

Response to Comment 4-4

The Lincoln Landfill to the south of the proposed project is considered an existing environmental condition, and its potential effects on the project are not required to be analyzed in the EIR. The Supreme Court, in *California Building Industry Association v. Bay Area Air Quality Management District*, concluded that CEQA should be limited to evaluation of effects of a project on the physical environment, and not also the environment's effect on the project. The court did note that it would be considered appropriate to evaluate a project's potentially significant *exacerbating* effects on existing environmental hazards – effects that arise because the project brings “development and people into the area affected.” The Supreme Court stated that even in those specific instances where evaluation of a project's potentially significant exacerbating effects on existing environmental hazards is appropriate, the evaluation of how future residents or users could be affected by the exacerbated conditions is still compelled by the project's impact on the environment, and not the environment's impact on the project.

Because the proposed project would not include disturbance of the former landfill or dispose of solid waste at the landfill, the project would not exacerbate any existing hazards associated with the former landfill. Nevertheless, the existence of the nearby landfill is important from a planning perspective, and in response to the comment, the City has determined that deed notifications indicating the property's proximity to the closed Lincoln Landfill would be required as one of the City's Conditions of Approval for the proposed project. The City has discussed the inclusion of such a Condition of Approval with the project applicant, and the applicant has agreed to include such deed notifications for lots within 1,000 feet of the boundary of the Lincoln Landfill.

Response to Comment 4-5

As discussed on pages 4.2-11 and 4.2-12, within Chapter 4.2, Air Quality and Greenhouse Gas Emissions, of the Draft EIR, monitoring of the Lincoln Landfill has not detected any methane emissions from the landfill. Furthermore, groundwater flows within the vicinity of the closed landfill have indicated that groundwater generally flows south, towards Auburn Ravine, away from Virginiatown Road and away from the project site.³ Considering the absence of detected methane and the movement of groundwater away from the project site, vapor movement towards the project site and subsequent vapor intrusion into proposed dwelling units is not anticipated to occur.

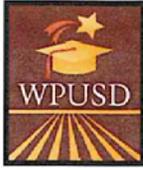
³ Personal Communication between Nick Pappani, Vice President, Raney Planning & Management, Inc. and Ed Hendrick, Principal Geotechnical Engineer/Engineering Geologist, ACE Quality Control, December 21, 2017.

Notwithstanding the low likelihood of vapor movement towards the project site, per page 20 of the Preliminary Geotechnical Investigation prepared for the proposed project by CTE CAL (included as Appendix I to the Draft EIR), a 10-mil moisture and vapor barrier would be incorporated into the foundation system for all proposed residences.

Response to Comment 4-6

The comment is a concluding statement that does not address the adequacy of the Draft EIR..

Letter 5



**WESTERN PLACER
UNIFIED SCHOOL DISTRICT**

600 Sixth St, Suite 400, Lincoln CA 95648
Ph: 916-645-6350

Board of Trustees: Paul Long
Brian Haley
Paul Carras
Kris Wyatt
Damian Armitage

Superintendent: Scott Leaman

December 14, 2017

Paul Junker, Project Planner
City of Lincoln, Community Development Department
600 Sixth Street
Lincoln, CA 95648

RE: Lincoln Meadows (Village 2) Response to Draft Environmental Impact Report

Dear Mr. Junker:

Thank you for the opportunity to respond to the Lincoln Meadows (Village 2) Draft Environmental Impact Report. In my review of this document and the review of the Public Services section (Section 4.9), it states that the proposed project would result in a less than significant impact associated with the provision of new or physically altered school facilities or the need for new or physically altered school facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable performance objectives for schools. At this time the District offers the following:

5-1

As stated in the DEIR, based on the current development plan of 144 new dwelling units and utilizing the student generation rates identified in the June 2014 Western Placer Unified School District Facilities Master Plan, this project is projected to generate approximately 48 new K-5th grade students, 12 additional 6th-8th grade students, and 17 additional 9th-12th grade students totaling 77 new K-12th grade students.

Also as stated in the report, the schools currently serving this area are Carlin C. Coppin Elementary School, Glen Edwards Middle School, and Lincoln High School. Coppin Elementary currently has limited capacity to serve new students from within the existing developed areas, future Village 1, and Village 2 developments until future elementary schools are built. Glen Edwards Middle School is quickly approaching capacity as enrollments continue to grow requiring additional classroom space to be used for physical education curriculum with the absence of a gymnasium on campus. Finally, Lincoln High School is currently at capacity with recent years of increasing 9th through 12th grade enrollment trends requiring additional student housing to accommodate the fast paced growth. Therefore, although this development will not create a large scale significant impact, cumulatively with units from future developments in Village 1 and Village 2, there will be a significant impact to all of these schools until new schools can be built.

5-2

WPUSD holds the position that any new students generated from new development within the school district, particularly those in the upcoming Village projects, need to be mitigated for in



**Letter 5
Cont'd**

Mr. Paul Junker
Page 2

**5-2
Cont'd**

full. This project area currently falls within the area outside of the District's existing Mello Roos Community Facilities Districts; therefore, the project would be subject to the District's current Statutory impact fees authorized by the 1998 Senate Bill 50 (SB 50). In the DEIR, there is a strong implication that funding generated by SB 50 will provide an adequate source of funding new school construction. Although the original intent of SB 50 was to allow school districts to collect impact fees as a 50% matching share to the State's 50% contribution for new school construction via State School Bonds, in reality the State's share has been well under the touted 50% share and the Level I and/or II fees authorized to be collected by SB 50 have not been enough to cover the full costs of building new schools.

The perception that paying the SB 50 fees takes care of the school mitigation is not accurate and not considered acceptable full mitigation to the District. The real impacts of new housing units on WPUSD will not be covered by listing SB 50 and saying the project is mitigated when SB 50 will cover less than half of the impacts caused by new developments regardless of their size. In addition, although the State did pass a statewide school bond in November 2016, it has been 10 years since the last statewide bond and there is a tremendous backlog of new construction and modernization projects awaiting state funding through SB 50. The District is working diligently to put together state funding eligibility documents and submit funding applications for shovel ready and recent projects to the State, however, given the existing back log of projects and the governors continued opposition to the bond and current stance of having limited bond issuances, we cannot make any assumptions of a guarantee of State funding for current and future projects.

The DEIR for this project should address the known and projected impacts of this project on the school district and the District does not believe that the DEIR should read in the conclusion of the Public Services and Utilities section "the proposed project in combination with future buildout in Placer County would not result in a significant cumulative impact related to the need for new, or improvements to existing, school facilities." The WPUSD respectfully requests these impacts be adequately analyzed and addressed in the Final Environmental Impact Report and the project proponent(s) contact the District in regards to executing a School Facilities Agreement per the policies of the City's 2008 General Plan establishing funding sources and mitigation measures to reduce the potential impacts of developments to a less than significant level. If you have any questions or need any additional information, please feel free to contact me at (916) 645-5100.

Sincerely,



Michael Adell
Director of Facilities

Cc: Scott Leaman, Superintendent

LETTER 5: Western Placer Unified School District, Michael Adell

Response to Comment 5-1

The comment is an introductory statement that does not address the adequacy of the Draft EIR.

Response to Comment 5-2

The commenter describes capacity issues at the schools within the Western Placer Unified School District (WPUSD) and states that, while the proposed project would not result in a large-scale significant impact, the project in conjunction with cumulative development in the area would significantly impact the schools. The commenter's disagreement with the Draft EIR's conclusion that the proposed project in combination with future buildout in Placer County would not result in a significant cumulative impact related to the need for new, or improvements to existing, school facilities, and that payment of Senate Bill (SB) 50 fees is not acceptable full mitigation is noted. However, as discussed on page 4.9-19 of the Draft EIR, the law states that payment of SB 50 fees is deemed to be full and complete mitigation. The discussion regarding SB 50 on page 4.9-19 of the Draft EIR is as follows:

Proposition 1A/SB 50 prohibits local agencies from using the inadequacy of school facilities as a basis for denying or conditioning approvals of any "legislative or adjudicative act involving the planning, use, or development of real property." (Government Code 65996(b).) In addition, a local agency cannot require participation in a Mello-Roos district for school facilities; however, the statutory fee is reduced by the amount of any voluntary participation in a Mello-Roos district.

Satisfaction of the Proposition 1A/SB 50 statutory requirements by a developer is deemed to be "full and complete mitigation." The law identifies certain circumstances under which the statutory fee can be exceeded, including preparation and adoption of a "needs analysis," eligibility for State funding, and satisfaction of two of four requirements (after January 1, 2000) identified in the law including year-round enrollment, a general obligation bond measure on the ballot over the last four years that received 50 percent plus one of the votes cast, 20 percent of the classes in portable classrooms, or specified outstanding debt.

Assuming a district qualifies for exceeding the statutory fee, the law establishes ultimate fee caps of 50 percent of costs where the State makes a 50 percent match, or 100 percent of the costs where the State match is unavailable. School district certification of payment of the applicable fee is required before a city or county can issue a building permit for the construction of development.

In addition, the Draft EIR does acknowledge the cumulative capacity issues anticipated at local schools, as discussed on page 4.9-35 of the Draft EIR as follows:

Cumulative buildout within the City and surrounding area could result in overcrowding at schools in the area. However, each individual development would be required to pay SB 50 school impact fees, similar to the proposed project, which would contribute to the facilitation of school expansions in order to serve the needs of the area.

With respect to the comment regarding future enrollments generated by the Village 1 and Village 2 specific plans, the number of students would increase over time as the planning areas are built out; they would not arrive all at once and at the same time as students generated by the proposed project. For example, the Village 1 Specific Plan, approved in 2012, could take several decades to build out. Enrollment levels change over time, depending on many factors, including enrollment patterns, changes in property values and taxes, availability of state funds, and success of bond initiatives, among others. Therefore, there would be time for the WPUSD to plan how best to serve future enrollment demands relative to capacity at its schools. There are a number of ways in which students of new development projects can be accommodated until new schools are constructed, which can include temporary buildings, shifting students between schools, changes in class size, or adding space at existing schools, all of which are at the discretion of the WPUSD. The specific timing, location, and design of new or expanded school facilities are not known at this time, such projects are not within the City's jurisdiction to implement, and would be the subject of separate CEQA review by WPUSD.

Accordingly, because payment of SB 50 fees is considered full and complete mitigation and the proposed project, as well as all other future development projects in the City, would be required to pay such fees, the Draft EIR's conclusion is accurate and remains adequate.

CITY OF LINCOLN PLANNING COMMISSION

Comments Received

The Planning Commission provided the following comments during its regular meeting on August 16, 2017:

1. Would the segment of Virginiatown Road between Hungry Hollow Road and McCourtney Road be impacted in the cumulative scenario without the proposed project?
2. For comparison purposes, are there other roadways in the City that have similar congestion as to the level that is projected for the segment of Virginiatown Road, between Hungry Hollow Road and McCourtney, under the Cumulative Plus Project scenario?
3. The Lincoln Meadows Project does not include parks and a trail/path connection to the adjacent Lincoln Highlands subdivision. A connection should be considered to provide access to the existing park within Lincoln Highlands.
4. A pocket park could be considered for the proposed project.
5. A trail connection to Lincoln Highlands would keep kids from having to walk along Virginiatown Road, which carries a lot of traffic.

Responses

1. The segment of Virginiatown Road, between Hungry Hollow Road and McCourtney Road, would operate at level of service (LOS) F in the cumulative condition without project traffic. In addition, although the 0.04 increase in volume to capacity (V/C) ratio resulting from the proposed project is above the City's 0.01 threshold and does constitute a significant impact, the perceived worsening would be minor. The 0.04 increase in V/C ratio is due to a daily increase of 600 vehicles, which averages to 25 per hour, or approximately one every two minutes. Even if it is assumed that all daily trips occur during a more condensed period (say between 7 AM and 7 PM), this corresponds to an increase of 50 vehicles per hour, or approximately one per minute. This is a relatively minor increase in traffic.
2. The City of Lincoln does not contain roadway segments that operate similarly to that which is projected for the segment of Virginiatown Road, between Hungry Hollow Road and McCourtney Road, in the Cumulative Plus Project scenario (i.e., V/C ratio of 1.21). Rather, the V/C ratios on other City of Lincoln roadway segments are either greater or lesser, with the most similar roadway segment being the segment of Walerga Road south of Baseline Road, in unincorporated Placer County, which operates with a V/C ratio of 1.01. The comment does not address the adequacy of the Draft EIR.
3. The project applicant considered the feasibility of adding a trail/path connection from the proposed Open Space Lot (A) to the Lincoln Highlands subdivision to the west. A path connection was determined to be infeasible because the only portion of the Lincoln

Highlands subdivision where a path connection would be feasible is the undeveloped Lot B (see Figure 3-10 of the Draft EIR), which is a wetland preserve area. A trail cannot be located in the wetland preserve area without directly or indirectly impacting wetland resources, which would increase the project's environmental effects. The comment does not address the adequacy of the Draft EIR.

4. As discussed in Impact 4.9-4 of the Draft EIR, the proposed project would include a 7.67-acre Open Space lot, which would remain undeveloped with implementation of the proposed project. In addition, the City of Lincoln will require the payment of in-lieu park fees. The City's Municipal Code, Chapter 17.32, governs the assessment and use of in-lieu parkland fees. The Municipal Code requires that land, fees or combinations thereof must be used to provide parks or recreational facilities that would reasonably be assumed to serve the subdivision. Fees can also be used to expand or upgrade existing facilities. If the fees would be used to purchase and develop new parkland or park facilities, the potential impacts of the new facilities would be analyzed in a separate CEQA process. Accordingly, the payment of in-lieu park fees to the City is sufficient to meet the park needs for the development of the proposed project.
5. The proposed Lincoln Meadows project includes improvements to the north side of Virginiatown Road in order to ensure safe pedestrian travel from the Lincoln Meadows subdivision to the developed areas to the west. As discussed on page 3-8 of the Draft EIR, as part of the project, Virginiatown Road would be widened along the project frontage to include six-foot planters, curbs and gutters, and a concrete sidewalk (see Figure 3-7 of the Draft EIR). The proposed sidewalk would connect to the existing Virginiatown Road sidewalk which currently ends at the site's southwestern corner at the Lincoln Highlands subdivision, and would provide a continuous pedestrian connection to the west. See also Response to Comment 3.

3. REVISIONS TO THE DRAFT EIR TEXT

3

REVISIONS TO THE DRAFT EIR TEXT

3.1 INTRODUCTION

This chapter provides all corrections, additions, and revisions made to the Draft EIR. It should be noted that the changes represent minor clarifications and amplifications of the analysis contained in the Draft EIR and do not constitute significant new information that, in accordance with CEQA Guidelines, Section 15088.5, would trigger the need to recirculate portions or all of the Draft EIR. Please refer to the discussion of this topic provided in Section 1.5.3 of Chapter 1, Introduction and List of Commenters.

3.2 DESCRIPTION OF CHANGES

New text is double underlined and deleted text is ~~struck through~~. Text changes are presented in the page order in which they appear in the Draft EIR.

2.0 EXECUTIVE SUMMARY

Page 2-24 is hereby revised as follows:

- 4.3-5(g) *If destruction of the occupied burrow is unavoidable during the non-breeding season (September 1-January 31), the project proponent shall avoid the owls and the burrows they are using, if possible. Avoidance shall include the establishment of a 160-foot non-disturbance buffer zone. If occupied burrows for burrowing owls are not avoided, passive relocation shall be implemented. Owls shall be excluded from burrows in the immediate impact zone and within a 160-foot buffer zone by installing one-way doors in burrow entrances. These doors shall be in place for 48 hours prior to excavation. The project area shall be monitored daily for 1 week to confirm that the owl has abandoned the burrow. Whenever possible, burrows shall be excavated using hand tools and refilled to prevent re-occupation. Plastic tubing or a similar structure shall be inserted in the tunnels during excavation to maintain an escape route for any owls inside the burrow. No permit is required to conduct passive relocation; however, this process shall be conducted by a qualified biologist and in accordance with ~~CDFG~~CDFW guidelines. In addition, to offset the loss of foraging and burrow habitat on the project site, a minimum of 6.5 acres of foraging habitat (calculated on a 300-ft foraging radius around the burrow) per pair or unpaired resident bird, shall be acquired and permanently protected at a location acceptable to the ~~CDFG~~CDFW.*

If burrowing owls are identified on the project site, the City of Lincoln must receive copies of the Mitigation Agreement by and between the

applicant and ~~CDFG~~CDFW, prior to the issuance of grading permits for the proposed project.

The above revisions are for clarification purposes only and do not alter the analysis or conclusions presented in the Draft EIR.

3.0 PROJECT DESCRIPTION

Page 3-14 is hereby revised as follows:

Nevada Irrigation District Canal

The proposed project includes the realignment and undergrounding of the existing NID canal that traverses generally through the center of the site. A ~~40~~18-inch raw water line would be constructed within on-site roadways to reroute NID water from the northern boundary of the project site to ~~an existing portion of the canal that would remain as part of the 7.67-acre open space lot~~ the southwestern corner of the project site, where the proposed 18-inch pipe would direct water to the NID's existing infrastructure (see Figure 3-8). Portions of the existing canal located within the proposed development area would then be filled in during grading (see red hashing in Figure 3-8). The segment of the canal that flows through the proposed open space area would no longer convey water, and it would remain a feature within the proposed open space area. No changes to the feature or to the levee along the canal would occur. The canal transports water to the western boundary of the site, where the water enters an existing 10-inch pipe, and leaves the site. An additional 18-inch pipe near the 10-inch pipe is used to transport overflow from the NID canal, off-site, to the southwest outfall structure. The existing 18-inch pipe would continue to be used for NID overflow, and the proposed project does not include any alterations to the existing 18-inch NID pipe.

In addition to the foregoing text changes, Figure 3-8 on page 3-15 has been updated. The changes to Figure 3-8 are provided below. The purple segment of the alignment illustrates the portion of the new 18-inch raw water irrigation pipe that has now been relocated within the internal streets of the subdivision (i.e., the proposed 18-inch NID pipe above the purple line remains unchanged).

The above revisions are for clarification purposes only and do not alter the analysis or conclusions presented in the Draft EIR.

Figure 3-1
(Figure 3-8, Preliminary Grading and Utility Plan, of the Draft EIR)





4.3 BIOLOGICAL RESOURCES

Page 4.3-2 is hereby revised as follows:

The project site is at approximately 200 feet above mean sea level, within the Auburn Ravine and Markham Ravine watersheds. The southern third of the project site is within the Auburn Ravine watershed, while the northern two-thirds of the project site are within the Markham Ravine watershed. Markham and Auburn Ravines drain westward across western Placer County and eventually join the Sacramento River. Hydrology in the area is mostly dependent on rainfall and local runoff; ~~however, some leakage from the NID canal may have localized effects on the groundwater tables.~~

Page 4.3-8 is hereby revised as follows:

Nevada Irrigation District Lincoln Canal

The man-made open irrigation canal averages 12 feet in width and bisects the property. The canal enters the northeast corner of the site and parallels Hungry Hollow Road before turning west across the center of the parcel. Because the canal does not continuously follow the watershed divide, portions of the canal are banked with five-foot-wide levees ~~on top of lateral clay horizons, making seasonal leakage from May through October possible to direct water within the canal as needed.~~ The levees also result in ponding of local runoff on the upland side of the levees.

Pages 4.3-46 and 4.3-47 are hereby revised as follows:

4.3-5(g) *If destruction of the occupied burrow is unavoidable during the non-breeding season (September 1-January 31), the project proponent shall avoid the owls and the burrows they are using, if possible. Avoidance shall include the establishment of a 160-foot non-disturbance buffer zone. If occupied burrows for burrowing owls are not avoided, passive relocation shall be implemented. Owls shall be excluded from burrows in the immediate impact zone and within a 160-foot buffer zone by installing one-way doors in burrow entrances. These doors shall be in place for 48 hours prior to excavation. The project area shall be monitored daily for 1 week to confirm that the owl has abandoned the burrow. Whenever possible, burrows shall be excavated using hand tools and refilled to prevent re-occupation. Plastic tubing or a similar structure shall be inserted in the tunnels during excavation to maintain an escape route for any owls inside the burrow. No permit is required to conduct passive relocation; however, this process shall be conducted by a qualified biologist and in accordance with ~~CDFG~~CDFW guidelines. In addition, to offset the loss of foraging and burrow habitat on the project site, a minimum of 6.5 acres of foraging habitat (calculated on a 300-ft foraging radius around the burrow) per pair or unpaired resident bird, shall be acquired and permanently protected at a location acceptable to the ~~CDFG~~CDFW.*

If burrowing owls are identified on the project site, the City of Lincoln must receive copies of the Mitigation Agreement by and between the applicant and ~~CDFG~~CDFW, prior to the issuance of grading permits for the proposed project.

The above revisions are for clarification purposes only and do not substantially alter the analysis or conclusions presented in the Draft EIR.

4.6 HYDROLOGY AND WATER QUALITY

Page 4.6-14 is hereby revised as follows:

West Yost Technical Memorandum

West Yost's Technical Memorandum included hydrologic modeling for the proposed project (both pre-project and post-project conditions) using HEC-1 hydrologic models that West Yost developed based on the Placer County guidelines within the ~~West Placer Storm Water Quality Design Manual~~ Placer County Stormwater Management Manual.²⁰

Page 4.6-20 is hereby revised as follows:

As shown in Table 4.6-1 above, the inclusion of the detention basins would ensure that peak outflows from the North and South outfalls, following implementation of the project, would be equal to or less than the target flows required by the ~~West Placer Storm Water Quality Design Manual~~ Placer County Stormwater Management Manual.²⁹ For the Southeast and Southwest outfalls, post-project flows would be less than or equal to the target flows required by the ~~West Placer Storm Water Quality Design Manual~~ Placer County Stormwater Management Manual (see Table 4.6-1) and detention would not be required.

In addition, to meeting the requirements of the ~~West Placer Storm Water Quality Design Manual~~ Placer County Stormwater Management Manual, the inclusion of ...

The above revisions are for clarification purposes only and do not alter the analysis or conclusions presented in the Draft EIR.

4.9 PUBLIC SERVICES AND UTILITIES

Page 4.9-17 has been revised as follows:

The 320-acre WRSL is permitted to accept 1,900 tons per day and 624 vehicles per day; and currently receives an average of ~~638-1,077~~ tons per weekday and ~~86~~ vehicles per day. The WRSL has a permitted design capacity of 36,350,000 cubic yards and, as of December 2017, has a remaining capacity of ~~25,386,466~~ 24,468,271 cubic yards. Under

current land use and development conditions, the WRSL has a permitted lifespan extending to 2058.³⁵

~~The MRF has a permitted processing limit of 1,750 tons per day and 1,014 vehicles per day. According to Placer County, fFor the period of January 1 through December 31, 2014fiscal year 2016-2017, the average weekday tonnage received at the MRF was 1,1161,191 tons and the average weekday vehicle count at the MRF was 588. The MRF expanded in 2007, increasing its processing capacity of municipal solid waste and construction and demolition debris to 2,200 tons per day.~~

Page 4.9-19 of the Draft EIR is hereby revised as follows:

Proposition 1A/SB 50 prohibits local agencies from using the inadequacy of school facilities as a basis for denying or conditioning approvals of any “legislative or adjudicative act involving the planning, use, or development of real property.” (Government Code 65996(b).) In addition, a local agency cannot require participation in a Mello-Roos district for school facilities; however, the statutory fee is reduced by the amount of any voluntary participation in a Mello-Roos district.

Satisfaction of the Proposition 1A/SB 50 statutory requirements by a developer is deemed to be “full and complete mitigation.” The law identifies certain circumstances under which the statutory fee can be exceeded, including preparation and adoption of a “needs analysis,” eligibility for State funding, and satisfaction of two of four requirements (after January 1, 2000) identified in the law including year-round enrollment, a general obligation bond measure on the ballot over the last four years that received 50 percent plus one of the votes cast, 20 percent of the classes in portable classrooms, or specified outstanding debt.

Assuming a district qualifies for exceeding the statutory fee, the law establishes ultimate fee caps of 50 percent of costs where the State makes a 50 percent match, or 100 percent of the costs where the State match is unavailable. School district certification of payment of the applicable fee is required before a city or county can issue a building permit for the construction of development.

Page 4.9-30 is hereby revised as follows:

Lincoln Canal

An existing portion of the NID’s Lincoln Canal bisects the project site from east to west. The proposed project includes the realignment and undergrounding of the on-site portion of the Lincoln Canal. ~~An 1018-inch raw water line would be constructed within on-site roadways to reroute NID water from the northern boundary of the project site to an existing portion of the canal that would remain as part of the 7.67-acre open space lot. The water would then be transported to the western boundary of the project site to the existing 10-inch pipe the southwestern corner of the project site, where the proposed 18-inch pipe would direct water to the NID’s existing infrastructure.~~ The 18-inch pipe that operates as a spill channel for the end of the Lincoln Canal before discharging flows into Auburn Ravine would not be affected by project improvements.

The alignment, plans and specifications of the ~~partial~~-on-site encasement of the Lincoln Canal requires NID approval.

Pages 4.9-33 and 4.9-34 has been revised as follows:

As described above, the 320-acre WRSL has a remaining capacity of ~~25,386,466~~24,468,271 cubic yards, and has a permitted lifespan extending to 2058.⁴⁷ The MRF has a permitted processing limit of 1,750 tons per day ~~and 1,014 vehicles per day~~. The average weekday tonnage received at the MRF for ~~2014~~ fiscal year 2016-2017 was ~~1,116,191~~ tons, and in 2007 the MRF was expanded to increase its processing capacity of municipal solid waste and construction and demolition debris to 2,200 tons per day.⁴⁸

The proposed project consists of the development of 144 single-family homes, which would generate debris during construction activities and could create a short-term impact on solid waste disposal. According to the report prepared for the EPA, titled ~~Construction of Building-Related Construction and Demolition Debris in the United States~~Estimating 2003 Building-Related Construction and Demolition Materials Amounts, residential construction debris has an estimated generation rate of ~~4.38~~4.39 pounds per square foot (lbs/sf).⁴⁹ Based on this generation rate and the approximately 1,352,664 sf of construction area, the project is estimated to generate approximately ~~5,924,668~~5,938,195 lbs of debris.

During operation of the project, the future residents would produce solid waste that would be collected by the City and transferred to the WRSL. Based on ~~the Statewide average waste generation rate~~ an average of waste generation rates for single-family residential development of ~~4.5~~10.2 pounds per ~~person~~ residential unit per day, provided by CalRecycle, and ~~373 residents~~144 units, the project would be expected to produce approximately ~~1,678,553~~6,112 pounds (~~0.839~~25268.1 tons) of solid waste annually. Given that the average annual capacity for throughput of the landfill is approximately 400,000 tons more than the average annual throughput, it is reasonable to conclude that the landfill has sufficient permitted throughput capacity to accommodate the project's solid waste disposal needs in compliance with all applicable laws based on the calculated residential waste generation rate.

In addition to the foregoing text changes, Figure 4.9-1, on page 4.9-30 has been revised as shown by Figure 3-1 above.

The above revisions are for clarification purposes only and do not alter the analysis or conclusions presented in the Draft EIR.

7 ALTERNATIVES ANALYSIS

Pages 7-21 is hereby revised as follows:

To achieve larger lot sizes, the Reduced Intensity Alternative 2 would involve development of the entire site area. Therefore, the Reduced Intensity Alternative 2 would not result in the preservation or protection of any potential habitat, and would likely still result in the removal of the valley oak tree. Because the Reduced Intensity Alternative 2

would not include any open space, the Reduced Intensity Alternative 2 would not link to the nearby existing open space areas, and wildlife movement between the project site and the adjacent existing open space would be inhibited. The Reduced Intensity Alternative 2 would result in direct impacts to wetlands, and, similar to the proposed project, require piping of the entire portions of Lincoln Canal within the project site; thus, mitigation for the purchase of creation or preservation credits would still be required. Based on the above, the Reduced Intensity Alternative 2 would result in greater impacts under the Reduced Intensity Alternative 2, as compared to the proposed project.

The above revisions are for clarification purposes only and do not alter the analysis or conclusions presented in the Draft EIR.

4. MITIGATION MONITORING AND REPORTING PROGRAM

4

MITIGATION MONITORING AND REPORTING PROGRAM

4.1 INTRODUCTION

Section 15097 of the California Environmental Quality Act (CEQA) requires all State and local agencies to establish monitoring or reporting programs for projects approved by a public agency whenever approval involves the adoption of either a “mitigated negative declaration” or specified environmental findings related to environmental impact reports.

The following is the Mitigation Monitoring and Reporting Program (MMRP) for the Lincoln Meadows Project. The intent of the MMRP is to ensure implementation of the mitigation measures identified within the Environmental Impact Report (EIR) for this project. Unless otherwise noted, the cost of implementing the mitigation measures as prescribed by this MMRP shall be funded by the applicant.

4.2 COMPLIANCE CHECKLIST

The MMRP contained herein is intended to satisfy the requirements of CEQA as they relate to the EIR for the Lincoln Meadows Project prepared by the City of Lincoln. This MMRP is intended to be used by City staff and mitigation monitoring personnel to ensure compliance with mitigation measures during project implementation. Mitigation measures identified in this MMRP were developed in the EIR that was prepared for the proposed project.

The Lincoln Meadows Project EIR presents a detailed set of mitigation measures that will be implemented throughout the lifetime of the project. Mitigation is defined by CEQA Guidelines, Section 15370, as a measure that:

- Avoids the impact altogether by not taking a certain action or parts of an action;
- Minimizes impacts by limiting the degree or magnitude of the action and its implementation;
- Rectifies the impact by repairing, rehabilitating, or restoring the impacted environment;
- Reduces or eliminates the impact over time by preservation and maintenance operations during the life of the project; or
- Compensates for the impact by replacing or providing substitute resources or environments.

The intent of the MMRP is to ensure the implementation of adopted mitigation measures. The MMRP will provide for monitoring of construction activities as necessary and in-the-field identification and resolution of environmental concerns.

Monitoring and documenting the implementation of mitigation measures will be coordinated by the City of Lincoln. The table on the following pages identifies the mitigation measure, the monitoring action for the mitigation measure, the responsible party for the monitoring action, and timing of the monitoring action. The applicant will be responsible for fully understanding and effectively implementing the mitigation measures contained within the MMRP. The City will be responsible for monitoring compliance.

4.3 MITIGATION MONITORING AND REPORTING PROGRAM

The following table indicates the mitigation measure number, the impact the measure is designed to address, the measure text, the monitoring agency, implementation schedule, and an area for sign-off indicating compliance.

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
4.1 Aesthetics					
4.1-3	Creation of new sources of substantial light or glare that would adversely affect day or nighttime views in the area.	4.1-3 <i>Prior to the issuance of building permits for any development on the project site, the project applicant shall submit a lighting plan for the project to the City of Lincoln Community Development Department for review and approval, demonstrating that proposed lighting is Dark-Sky compliant, as specified by the International Dark-Sky Association. The lighting plan shall specify design measures to ensure shielding of on-site lighting fixtures to direct the light downward (i.e., lighting shall not emit higher than a horizontal level) and prevent light spill onto adjacent properties.</i>	City of Lincoln Community Development Department	Prior to the issuance of building permits for any development on the project site	
4.2 Air Quality and Greenhouse Gas Emissions					
4.2-2	Violate any air quality standard or contribute substantially to an existing or projected air quality violation during operations, and conflict with or obstruct implementation of the applicable air quality plan.	4.2-2 <i>Wood-burning fireplaces, woodstoves, or similar wood-burning devices shall be prohibited throughout the proposed project plan area. Homes may be fitted with the applicable regulation-compliant natural gas burning appliances if desired. The prohibition shall be included on any project plans submitted prior to issuance of building permits, subject to review and approval by the City's Community Development Department.</i>	City of Lincoln Community Development Department	Prior to issuance of a building permit	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
4.2-5	Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors).	4.2-5 <i>Implement Mitigation Measure 4.2-2.</i>	See Mitigation Measure 4.2-2	See Mitigation Measure 4.2-2	
4.3 Biological Resources					
4.3-1	Impacts to special-status plant species.	4.3-1(a) <i>Protocol-level special-status plant surveys were conducted at the project site on April 30, 2016 and no special-status plant species were identified. Survey results are valid for three years. If construction does not commence before April 2019, then new focused plant surveys shall be performed according to CDFW and CNPS protocol. If special-status plant species are not found during focused surveys, then further mitigation is not necessary.</i> <i>If special-status plant species are found during future surveys, those individuals or populations shall be avoided to the maximum degree possible. If avoidance is</i>	City of Lincoln Community Development Department CDFW	Prior to project site disturbance if started after April 2019	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p><i>not feasible, a mitigation plan shall be developed in consultation with CDFW personnel if it is a state listed (i.e., protected pursuant to the CESA) or a California Native Plant Society (CNPS) Rank 1B or Rank 2 plant.</i></p> <p><i>If the plant is state listed, an “incidental take” permit (i.e., a 2081 Agreement) shall be acquired for the project from CDFW prior to any grading within the project area. A copy of this permit shall be provided to the appropriate department within the City prior to any grading within the project area. Any conditions for the project established by CDFW in the 2081 Agreement shall become conditions of the project also enforceable by the City.</i></p> <p><i>If a plant is found on the project site that is a CNPS Rank 1B or 2 species, and the species is not otherwise protected pursuant to state or federal regulations, prior to construction within the project area, a qualified botanist shall collect the seeds, propagules, and top soils, or other part of the plant that would ensure successful replanting of the population elsewhere. The seeds, propagules, or other plantable portion of all plants shall be collected at the appropriate time of the</i></p>			

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p><i>year. Half of the seeds and top soils collected shall be appropriately stored in long-term storage at a botanic garden or museum (for example, Rancho Santa Ana Botanic Garden). The other half of the seeds, propagules, or other plantable portion of all plants shall be planted at the appropriate time of year (late-fall months) in an area of the subject property or off-site, protected property that will not be impacted by the project (if the project has a designated off-site mitigation site for impacts on other special-status species, the plants can be seeded on the mitigation site). This area shall be fenced with permanent fencing (for example, chain link fencing or post and cable fencing) to ensure protection of the species. The applicant shall hire a qualified biologist to conduct annual monitoring surveys of the transplanted plant population for a five-year period and shall prepare annual monitoring reports reporting the success or failure of the transplanting effort. These reports shall be submitted to the City no later than December 1st each monitoring year.</i></p> <p><i>These steps shall be implemented prior to site disturbance. If the seeding/transplanting effort fails, the</i></p>			

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p><i>stored seeds and top soils can be taken out of long-term storage and sown in another location (either onsite or offsite) deemed suitable by the City and CDFW. This seeding effort shall then be monitored for an additional three-year period to ensure survivorship of the new population. Annual monitoring reports shall be submitted to the City for the three-year period.</i></p> <p><i>A CNDDDB form shall be filled out and submitted to CDFW for any special-status plant species identified within the project site. Any mitigation plan developed in consultation with CDFW shall be implemented prior to the initiation of grading or issuance of a development permit.</i></p> <p><i>In lieu of the above prescribed mitigation, as allowed in writing by the City (for CEQA protected species only) and/or CDFW (for CEQA and/or state listed species), mitigation requirements may be satisfied via the purchase of qualified mitigation credits or the preservation of offsite habitat.</i></p>			
		<p>4.3-1(b) <i>In the event the Placer County Conservation Program is adopted prior to</i></p>	City of Lincoln Community	Prior to submittal of improvement	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<i>submittal of improvement plans for this project, then the above mitigation measure may be replaced with standard mitigation fees and conservation protocol to address this resource impact as set forth in the PCCP implementation document. If PCCP enrollment is chosen as mitigation for one or more biological resource area impacts, then the Program must apply to all biological resource mitigation for the project.</i>	Development Department	plans	
4.3-2	Have a substantial adverse effect on riparian habitat or other sensitive natural community, or federally protected wetlands.	<p>4.3-2(a) <i>To the extent feasible, the project shall be designed to avoid and minimize adverse effects to wetlands and other waters of the United States within the project area. If impacts to wetlands will occur as a result of implementation of the proposed project, then prior to issuance of any grading permits, the project applicant shall acquire a Section 404 permit for fill of jurisdictional wetlands, and mitigation for impacts to jurisdictional waters that cannot be avoided shall be provided in conformance with the USACE “no-net-loss” policy.</i></p> <p>4.3-2(b) <i>If a Section 404 permit is obtained, the applicant must also obtain a water quality certification from the RWQCB under Section 401 of the Clean Water Act (CWA) prior to issuance of any grading permits.</i></p>	<p>City of Lincoln Community Development Department</p> <p>USACE</p> <p>City of Lincoln Community Development Department</p>	<p>Prior to the issuance of any grading permits</p> <p>Prior to issuance of any grading permits</p>	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		4.3-2(c) <i>In the event the Placer County Conservation Plan is adopted prior to submittal of improvement plans for this project or prior to the project's own federal permits being obtained, then the above mitigation measure may be replaced with standard mitigation fees and conservation protocol to address this resource impact as set forth in the PCCP implementation document. If PCCP enrollment is chosen as mitigation for one or more biological resource area impacts, then the PCCP mitigation shall apply only to those resources that are covered by the PCCP.</i>	RWQCB City of Lincoln Community Development Department	Prior to submittal of improvement plans	
4.3-3	Impacts to special status invertebrate species.	4.3-3(a) <i>Implement Mitigation Measures 4.3-2(a).</i> 4.3-3(b) <i>Orange exclusionary fencing shall be placed, and a buffer area of 250 feet (or lesser distance deemed sufficiently protective by a qualified biologist with approval from USFWS) maintained, around any avoided (preserved) vernal pool crustacean habitat during construction to prevent impacts from construction vehicles and equipment. This fencing shall be inspected by a qualified biologist throughout the construction period to ensure that it is in good functional condition.</i>	See Mitigation Measures 4.3-2(a) City of Lincoln Community Development Department USFWS	See Mitigation Measures 4.3-2(a) During construction activities	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p><i>Prior to beginning work on the project site, all on-site construction personnel shall receive instruction regarding the presence of listed species and the importance of avoiding impacts to these species and their habitat.</i></p> <p>4.3-3(c) <i>In the event the Placer County Conservation Plan is adopted prior to submittal of improvement plans for this project or prior to the project's own federal permits being obtained, then the above mitigation measure may be replaced with standard mitigation fees and conservation protocol to address this resource impact as set forth in the PCCP implementation document. If PCCP enrollment is chosen as mitigation for one or more biological resource area impacts, then the PCCP mitigation shall apply only to those species that are covered by the PCCP.</i></p>	City of Lincoln Community Development Department	Prior to the submittal of improvement plans	
4.3-4	Impacts to special-status amphibian species.	<p>4.3-4 (a) <i>The following best management practices shall be implemented prior to and during construction as specified below:</i></p> <ul style="list-style-type: none"> <i>For work conducted during the western spadefoot toad migration and breeding season (November 1 to May 31), a qualified biologist</i> 	City of Lincoln Community Development Department CDFW	Prior to and during construction	

**MITIGATION MONITORING AND REPORTING PROGRAM
 LINCOLN MEADOWS PROJECT**

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p><i>will survey the active work areas (including access roads) in mornings following measurable precipitation events. Construction may commence once the biologist has confirmed that no spadefoot toads are in the work area.</i></p> <ul style="list-style-type: none"> • <i>When feasible, a 50-foot no-disturbance buffer shall be established around burrows that provide suitable upland habitat for western spadefoot toad. Burrows considered suitable for spadefoot shall be identified by a qualified biologist. The biologist shall delineate and mark the no-disturbance buffer.</i> • <i>If western spadefoot toad is found within the construction footprint, it will be allowed to move out of harm's way of its own volition or a qualified biologist will relocate the organism to the nearest burrow that is outside of the construction impact area.</i> • <i>A qualified biologist will inspect underneath equipment and stored pipes greater than 1.2 inches (3</i> 			

**MITIGATION MONITORING AND REPORTING PROGRAM
 LINCOLN MEADOWS PROJECT**

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p><i>cm) in diameter for western spadefoot toad. Inspections shall occur bi-weekly from January 1 to April 30, and only for one to two days following a rain event during the remainder of the year (May 1 to December 31), when water temperatures in the toad's potential breeding pools is between the requisite 9 degrees Celsius (40 degrees Fahrenheit) and 30 degrees Celsius (86 degrees Fahrenheit). If any toads are found they shall be allowed to move out of the construction area under their own accord.</i></p> <ul style="list-style-type: none"> • <i>Trenches and holes shall be covered and inspected daily for stranded animals. Trenches and holes deeper than one foot deep shall contain escape ramps (maximum slope of 2:1) to allow trapped animals to escape uncovered holes or trenches. Holes and trenches shall be inspected prior to filling.</i> • <i>All survey findings made by the biologist shall be compiled into survey reports for review by the</i> 			

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p><i>City of Lincoln's Community Development Department.</i></p> <p>4.3-4(b) <i>Implement Mitigation Measures 4.3-3(b)</i></p> <p>4.3-4(c) <i>In the event the Placer County Conservation Plan is adopted prior to submittal of improvement plans for this project or prior to the project's own federal permits being obtained, then the above mitigation measure may be replaced with standard mitigation fees and conservation protocol to address this resource impact as set forth in the PCCP implementation document. If PCCP enrollment is chosen as mitigation for one or more biological resource area impacts, then the PCCP mitigation shall apply only to those species that are covered by the PCCP.</i></p> <p>4.3-4(d) <i>Construction shall be restricted to occur between May 1 and October 1 to ensure that any snakes in the vicinity are restricted to the immediate environs of the adjacent perennial waterway. If construction occurs between October 2 and April 30, a qualified biologist shall stake or otherwise mark a "no disturbance" zone which shall include a</i></p>	<p>See Mitigation Measures 4.3-3(b)</p> <p>City of Lincoln Community Development Department</p> <p>City of Lincoln Community Development Department</p>	<p>See Mitigation Measures 4.3-3(b)</p> <p>Prior to submittal of improvement plans</p> <p>Prior to initiation and during construction activities</p>	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p><i>200-foot buffer around any perennial waterway on-site. If construction occurs between May 1 and October 1, a qualified biologist shall stake or otherwise mark a “no disturbance” zone that shall include a 10- to 15-foot buffer around any perennial waterways on-site.</i></p> <p>4.3-4(e) <i>Construction personnel shall receive USFWS approved worker environmental awareness training. This training shall instruct workers to recognize giant garter snakes and their habitat(s). Proof of completion of the environmental awareness training for construction personnel shall be provided to the City of Lincoln’s Community Development Department, prior to commencement of construction activity.</i></p> <p>4.3-4(f) <i>A qualified biologist shall survey the project site for giant garter snakes 24-hours prior to construction activities. Survey of the project area shall be repeated if a lapse in construction activity of two weeks or greater has occurred. If a snake is encountered during construction, activities shall cease until appropriate corrective measures have been completed or the qualified biologist has been determined that the snake will not be</i></p>	<p>City of Lincoln Community Development Department</p> <p>City of Lincoln Community Development Department</p>	<p>Prior to initiation of construction activities</p> <p>24 hours prior to initiation of construction activities</p>	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p><i>harmed. All survey findings made by the biologist shall be compiled into survey reports for review by the City of Lincoln's Community Development Department.</i></p> <p>4.3-4(g) <i>Any dewatered habitat shall remain dry for at least 15 consecutive days after April 15 and prior to excavating or filling of the dewatered habitat.</i></p> <p>4.3-4(h) <i>After completion of construction activities, any temporary fill and construction debris shall be removed and, wherever feasible, disturbed areas shall be restored to pre-project conditions.</i></p> <p>4.3-4(i) <i>In the event the Placer County Conservation Plan is adopted prior to submittal of improvement plans for this project or prior to the project's own federal permits being obtained, then the above mitigation measure may be replaced with standard mitigation fees and conservation protocol to address this resource impact as set forth in the PCCP implementation document. If PCCP enrollment is chosen as mitigation for one or more biological resource area impacts, then the PCCP mitigation shall apply only to those species that are covered by the PCCP.</i></p>	<p>City of Lincoln Community Development Department</p> <p>City of Lincoln Community Development Department</p> <p>City of Lincoln Community Development Department</p>	<p>Prior to excavating or filling dewatered habitat</p> <p>Upon completion of construction activities</p> <p>Prior to submittal of improvement plans</p>	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
4.3-5	Impacts to Swainson's hawk, white-tailed kite, and burrowing owl.	<p><i>Swainson's hawk and other raptors (e.g., white-tailed kite)</i></p> <p>4.3-5(a) <i>If project activity would commence between March 1st and September 15th, a qualified biologist shall be retained to conduct a preconstruction survey for active nests in suitable habitat on and within 0.25-mile of the project site no more than 14 days and no less than seven days before commencement of each construction phase. If this survey does not identify any nesting raptors within the project site that would be disturbed, and for Swainson's hawks only, within the 0.25-mile radius surrounding the project site, no further mitigation would be required.</i></p>	City of Lincoln Community Development Department	Within 14 days prior to commencement of construction between March 1 and September 15	
		<p>4.3-5(b) <i>If an occupied nest is present, CDFW guidelines recommend implementation of a 0.25-mile buffer for Swainson's hawk (CDFG 1994) and 500 feet for other tree-nesting raptors, but the size of the buffer may be adjusted if a qualified biologist and CDFW determine that it would not be likely to adversely affect the nest. No project activity shall commence within the buffer area until a qualified biologist confirms that the nest is no longer active or that the young have fully fledged.</i></p>	City of Lincoln Community Development Department CDFW	Prior to and during construction activities	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p><i>Monitoring of the nest by a qualified biologist shall be required if the activity has potential to adversely affect the nest. For Swainson's hawks, no intensive new disturbances or other project-related activities that could cause nest abandonment or forced fledging, shall be initiated within the 0.25-mile (buffer zone) of an active nest between March 1 - September 15 (CDFG 1994).</i></p> <p>4.3-5(c) <i>The grassland habitat present at the proposed project site is considered suitable foraging habitat for Swainson's hawks. Prior to the commencement of construction, a qualified biologist shall determine if an active Swainson's hawk nest is located within 10 miles of the project site. If a nest is located within 10 miles of the project site, the project applicant shall provide mitigation for loss of foraging habitat through the dedication of land suitable for replacement Swainson's hawk foraging habitat. Habitat land dedication shall be made at a 1:1 ratio if the Swainson's hawk nest is within one mile of the project site, 0.75:1 if the Swainson's hawk nest is within five miles of the project site, and 0.5:1 if the Swainson's hawk nest is within ten miles of the project site. The location of the</i></p>	<p>City of Lincoln Community Development Department CDFW</p>	<p>Prior to the commencement of construction</p>	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p><i>replacement foraging habitat shall be coordinated with, and approved by, the CDFW, and shall be acquired prior to issuance of a grading permit. If active nests are not reported within ten miles of the project site, land dedication is not required.</i></p> <p>4.3-5(d) <i>In the event the Placer County Conservation Plan is adopted prior to submittal of improvement plans for this project or prior to the project's own federal permits being obtained, then the above mitigation measure may be replaced with standard mitigation fees and conservation protocol to address this resource impact as set forth in the PCCP implementation document. If PCCP enrollment is chosen as mitigation for one or more biological resource area impacts, then the PCCP mitigation shall apply only to those species that are covered by the PCCP.</i></p> <p><i>Burrowing Owl</i></p> <p>4.3-5(e) <i>A preconstruction survey shall be conducted by a qualified biologist or ornithologist during both the wintering and nesting season, unless the species is detected on the first survey. If possible, the</i></p>	<p>City of Lincoln Community Development Department</p> <p>City of Lincoln Community Development Department</p>	<p>Prior to submittal of improvement plans</p> <p>No more than 30 days prior to initial ground disturbance</p>	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p>winter survey shall be conducted between December 1 and January 31 (when wintering owls are most likely to be present) and the nesting season survey should be conducted between April 15 and July 15 (the peak of breeding season). Surveys conducted from two hours before sunset to one hour after, or from one hour before to two hours after sunrise, are preferable. The survey techniques shall be consistent with the Staff Report survey protocol and include a 260-foot-wide buffer zone surrounding the Study Area. Repeat surveys should also be conducted not more than 30 days prior to initial ground disturbance to inspect for re-occupation and the need for additional protection measures. The survey(s) shall be paid for by the applicant and approved by the City of Lincoln Community Development Department. Survey Results would be valid only for the season during which the survey is conducted. The survey results shall be submitted to CDFW and the City of Lincoln Community Development Department.</p> <p>If burrowing owls are not detected during preconstruction surveys, then further mitigation is not required.</p>			

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p>4.3-5(f) <i>If burrowing owls are found during the breeding season (February 1-August 31), the project proponent shall avoid all nest sites that could be disturbed by project construction during the remainder of the breeding season, or while the nest is occupied by adults or young.</i></p> <p><i>Avoidance shall include establishment of a 160-foot non-disturbance buffer zone. Construction may occur during the breeding season if a qualified biologist monitors the nest and determines that the birds have not begun egg-laying and incubation, or that the juveniles from the occupied burrows have fledged.</i></p>	City of Lincoln Community Development Department	During construction	
		<p>4.3-5(g) <i>If destruction of the occupied burrow is unavoidable during the non-breeding season (September 1-January 31), the project proponent shall avoid the owls and the burrows they are using, if possible. Avoidance shall include the establishment of a 160-foot non-disturbance buffer zone. If occupied burrows for burrowing owls are not avoided, passive relocation shall be implemented. Owls shall be excluded from burrows in the immediate impact zone and within a 160-foot buffer zone by installing one-way doors in burrow entrances. These doors shall be in place</i></p>	City of Lincoln Community Development Department CDFW	If destruction of occupied burrows is unavoidable during the non- breeding season (September 1- January 31)	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p><i>for 48 hours prior to excavation. The project area shall be monitored daily for 1 week to confirm that the owl has abandoned the burrow. Whenever possible, burrows shall be excavated using hand tools and refilled to prevent re-occupation. Plastic tubing or a similar structure shall be inserted in the tunnels during excavation to maintain an escape route for any owls inside the burrow. No permit is required to conduct passive relocation; however, this process shall be conducted by a qualified biologist and in accordance with CDFW guidelines. In addition, to offset the loss of foraging and burrow habitat on the project site, a minimum of 6.5 acres of foraging habitat (calculated on a 300-ft foraging radius around the burrow) per pair or unpaired resident bird, shall be acquired and permanently protected at a location acceptable to the CDFW.</i></p> <p><i>If burrowing owls are identified on the project site, the City of Lincoln must receive copies of the Mitigation Agreement by and between the applicant and CDFW, prior to the issuance of grading permits for the proposed project.</i></p>			
		<p>4.3-5(h) <i>In the event the Placer County</i></p>	City of Lincoln	Prior to submittal	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<i>Conservation Plan is adopted prior to submittal of improvement plans for this project or prior to the project's own federal permits being obtained, then the above mitigation measure may be replaced with standard mitigation fees and conservation protocol to address this resource impact as set forth in the PCCP implementation document. If PCCP enrollment is chosen as mitigation for one or more biological resource area impacts, then the PCCP mitigation shall apply only to those species that are covered by the PCCP.</i>	Community Development Department	of improvement plans	
4.3-6	Impacts to other special-status bird species and migratory birds.	<p>4.3-6(a) <i>The project applicant shall implement the following measures to avoid or minimize impacts to protected migratory bird species including song sparrows:</i></p> <ul style="list-style-type: none"> <i>If any site disturbance or construction activity for any phase of development begins outside the February 1 to August 31 breeding season, a preconstruction survey for active nests shall not be required.</i> <i>If any site disturbance or construction activity for any phase of development is scheduled to begin between February 1 and August 31, a qualified biologist shall conduct a preconstruction survey for active tree nests and ground nests</i> 	<p>City of Lincoln Community Development Department</p> <p>CDFW</p>	<p>Within 14 days prior to site disturbance or construction activity occurring between February 1 and August 31</p>	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p><i>from publicly accessible areas within 14 days prior to site disturbance for any phase of development. The survey area shall cover the construction site and a 100-foot radius surrounding the construction site. The preconstruction survey shall be submitted to the City of Lincoln Community Development Department for review. If no nesting migratory birds are found, then further mitigation measures are not necessary.</i></p> <ul style="list-style-type: none"> • <i>If an active nest of a MBTA bird, or other CDFW-protected bird is discovered that may be adversely affected by any site disturbance, or an injured or killed bird is found, the project applicant shall immediately:</i> <ul style="list-style-type: none"> ○ <i>Stop all work within a 100-foot radius of the discovery.</i> ○ <i>Notify the City of Lincoln Community Development Department.</i> ○ <i>Do not resume work within the 100-foot radius until authorized by the biologist.</i> ○ <i>The biologist shall establish a minimum 100-foot Environmentally Sensitive Area (ESA) around the nest. The ESA may be reduced if the biologist determines that a</i> 			

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p><i>smaller ESA would still adequately protect the active nest. Further work may not occur within the ESA until the biologist determines that the nest is no longer active.</i></p> <p>4.3-6(b) <i>In the event the Placer County Conservation Plan is adopted prior to submittal of improvement plans for this project or prior to the project's own federal permits being obtained, then the above mitigation measure may be replaced with standard mitigation fees and conservation protocol to address this resource impact as set forth in the PCCP implementation document. If PCCP enrollment is chosen as mitigation for one or more biological resource area impacts, then the PCCP mitigation shall apply only to those species that are covered by the PCCP.</i></p>	City of Lincoln Community Development Department	Prior to submittal of improvement plans	
4.3-8	Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance.	<p>4.3-8 <i>Prior to Improvement Plan approval, the plans shall include the following applicable measures included in the Arborist Report and Native Oak Tree Inventory, prepared for the proposed project:</i></p> <ul style="list-style-type: none"> <i>The applicant shall install a four-foot tall, brightly colored (yellow or orange), synthetic mesh</i> 	City of Lincoln Community Development Department	Prior to Improvement Plan approval	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p><i>material fence around the existing oak tree to be preserved. The fencing shall delineate an area that is at least the radius of which is equal to the largest radius of the protected tree's drip line plus one foot. The fence shall be installed prior to any site preparation or construction equipment being moved on-site or any site preparation or construction activities taking place. Development of this site, including grading, shall not be allowed until this condition is satisfied. Any encroachment within the dripline of tree to be saved, must first be approved by a designated representative of the City's Community Development Department. Grading, clearing, or storage of equipment or machinery may not occur until a representative of the City's Community Development Department has inspected and approved all temporary construction fencing. Trees shall be preserved where feasible. This may include the use of retaining walls, planter</i></p>			

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p><i>islands, or other techniques commonly associated with tree preservation. The Improvement Plans shall indicate the location of the fencing and include a note describing the fencing requirements consistent with this mitigation measure.</i></p> <ul style="list-style-type: none"> • <i>The project contractor shall implement the following guidelines before and during grading and construction for protection of the oak tree to be preserved:</i> <ul style="list-style-type: none"> ○ <i>Plans and specifications shall clearly state protection procedures for the existing oak tree on the project site. The specifications shall also include a provision for remedies if the oak tree is damaged;</i> ○ <i>Vehicles, construction equipment, mobile offices, or materials shall not be parked, stored, or operated within the dripline of the oak tree to be preserved;</i> 			

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 LINCOLN MEADOWS PROJECT**

Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<ul style="list-style-type: none"> ○ <i>Cuts and fills around the tree shall be avoided where feasible.</i> ○ <i>Soil surface removal greater than one foot shall not occur within the driplines of the oak tree to be preserved. Cuts shall not occur within five feet of the trunk;</i> ○ <i>Earthen fill greater than one foot deep shall not be placed within the dripline of the oak tree to be preserved, and fill shall not be placed within five feet of the trunk;</i> ○ <i>Underground utility line trenching shall not be placed within the driplines of the oak tree to be preserved where feasible without first obtaining approval from a designated representative of the Community Development Department. If it is necessary to install underground utilities within the driplines of oak trees, boring or drilling</i> 			

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p><i>rather than trenching shall be used, or such activity shall be performed with hand tools to avoid root injury;</i></p> <ul style="list-style-type: none"> ○ <i>Paving shall not be placed in the vicinity of the oak tree to be preserved (at a minimum, within the dripline of the oak tree) without first obtaining approval from a designated representative of the Community Development Department; and</i> ○ <i>Irrigation lines or sprinklers shall not be allowed within the dripline of the oak to be preserved.</i> 			
4.4 Cultural Resources					
4.4-1	Cause a substantial adverse change in the significance of a historical resources as defines in CEQA Guidelines, Section 15064.5.	<p><i>4.4-1 During construction activities, if any subsurface historic remains are uncovered, all work shall be halted, the City of Lincoln Community Development Department shall be notified, and the applicant shall retain a qualified cultural resources consultant to identify and investigate any subsurface historic</i></p>	City of Lincoln Community Development Department	During construction activities	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p><i>remains, and define their physical extent and the nature of any built features or artifact-bearing deposits. The investigation shall proceed immediately into a formal evaluation to determine the eligibility of the feature(s) for the California Register of Historical Resources. The formal evaluation shall include, at a minimum, additional exposure of the feature(s), photo-documentation and recordation, and analysis of the artifact assemblage(s). If the evaluation determines that the features and artifacts do not have sufficient data potential to be eligible for the California Register, additional work shall not be required. However, if data potential exists (e.g., an intact feature is identified with a large and varied artifact assemblage), further mitigation would be necessary, which might include avoidance of further disturbance to the resources through project redesign. If avoidance is determined to be infeasible, additional data recovery shall be conducted for the resources, to collect enough information to exhaust the data potential of those resources. Data recovery efforts can range from photographic documentation to extensive excavation depending upon the physical nature of the resource. The</i></p>			

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<i>degree of effort shall be determined at the discretion of a qualified cultural resources consultant and should be sufficient to recover data considered important to the area's history and/or prehistory.</i>			
4.4-2	Cause a substantial adverse change in the significance of a unique archeological resource as defined in CEQA Guidelines, Section 15064.5, or disturb any human remains, including those interred outside of formal cemeteries.	4.4-2(a) <i>If any prehistoric artifacts or other indications of archaeological and/or cultural resources are found during grading and construction activities, all work within 100 feet of the find shall cease and the applicant shall retain a qualified archaeologist to evaluate the find(s) and notify the United Auburn Indian Community of the Auburn Rancheria. If the resource is determined to be eligible for inclusion in the California Register of Historical Resources and project impacts cannot be avoided, data recovery shall be undertaken. Pursuant to CEQA Guidelines Section 15126.4(b)(3)(C), a data recovery plan, which makes provisions for adequately recovering the scientifically consequential information from and about the resource, shall be prepared and adopted prior to any excavation being undertaken. Such studies shall be deposited with the California Historical Resources Regional Information Center. Significance determinations for tribal cultural resources shall be measured in terms of criteria for inclusion on the</i>	City of Lincoln Community Development Department United Auburn Indian Community of the Auburn Rancheria	During grading and construction activities	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p><i>California Register of Historical Resources (Title 14 CCR, §4852[a]), and the definition of tribal cultural resources set forth in Public Resources Code Section 21074. The evaluation of the tribal cultural resource(s) shall include culturally appropriate temporary and permanent treatment, which may include avoidance of tribal cultural resources, in-place preservation, and/or re-burial on project property so the resource(s) are not subject to further disturbance in perpetuity. Any re-burial shall occur at a location predetermined between the landowner and the United Auburn Indian Community of the Auburn Rancheria.</i></p> <p><i>The landowner shall relinquish ownership of all sacred items, burial goods, and all archaeological artifacts that are found on the project site to the United Auburn Indian Community of the Auburn Rancheria for proper treatment and disposition.</i></p> <p><i>If an artifact must be removed during project excavation or testing, curation may be an appropriate mitigation. This language of this mitigation measure shall be included on any future grading plans and utility plans approved by the City of Lincoln for the project site.</i></p>			

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p>4.4-2(b) <i>If human remains of Native American origin are discovered during project construction, further disturbance shall not occur within 100 feet of the vicinity of the find(s) until the Placer County Coroner has made the necessary findings as to origin. (California Health and Safety Code Section 7050.5) Further, pursuant to California Public Resources Code Section 5097.98(b), remains shall be left in place and free from disturbance until a final decision as to the treatment and disposition has been made. If the Placer County Coroner determines the remains to be Native American, the Native American Heritage Commission (NAHC) and the United Auburn Indian Community of the Auburn Rancheria must be contacted within 24 hours. The NAHC and United Auburn Indian Community of the Auburn Rancheria must then identify the “most likely descendant(s)” (MLD). The landowner shall engage in consultations with the MLD. The MLD will make recommendations concerning the treatment of the remains within 48 hours, as provided in Public Resources Code 5097.98.</i></p>	<p>City of Lincoln Community Development Department</p> <p>Placer County Coroner</p> <p>Native American Heritage Commission</p> <p>United Auburn Indian Community of the Auburn Rancheria</p>	<p>During project construction</p>	
4.4-3	Directly or indirectly destroy a unique	<p>4.4-3 <i>During construction activities, if any vertebrate bones or teeth are found, all</i></p>	<p>City of Lincoln Community</p>	<p>During construction</p>	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
	paleontological resource or site or unique geological feature.	<i>work shall be halted in the immediate vicinity of the discovery, and the applicant shall notify the City of Lincoln Community Development Department and retain a qualified paleontologist to inspect the discovery. If deemed significant with respect to authenticity, completeness, preservation, and identification, the resource(s) shall then be salvaged and deposited in an accredited and permanent scientific institution (e.g., University of California Museum of Paleontology), where the discovery would be properly curated and preserved for the benefit of current and future generations. Following the discovery of such paleontological resources and prior to the recommencement of construction activity in the area of discovery, the City of Lincoln's Community Development Department shall further consult with the qualified paleontologist for the consideration and potential implementation of a construction monitoring program for the remainder of the construction activity. The language of this mitigation measure shall be included on any future grading plans, utility plans, and improvement drawings approved by the City of Lincoln Community Development Department for the proposed</i>	Development Department	activities	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<i>project site, where excavation work would be required.</i>			
4.4-4	Directly or indirectly disturb or destroy a unique cultural resource, such as a site, feature, place, cultural landscape, sacred place, or object with cultural value to a California Native American tribe.	4.4-4 <i>Implement Mitigation Measures 4.4-2(a) and (b) and 4.4-3.</i>	See Mitigation Measures 4.4-2(a) and (b) and 4.4-3	See Mitigation Measures 4.4-2(a) and (b) and 4.4-3	
4.5 Soils, Geology, and Seismicity					
4.5-3	Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse, or, be located on expansive soil, as defined in Table 18-1B of the Uniform Building Code.	4.5-3 <i>Prior to issuance of a grading permit, the grading plans shall incorporate all geotechnical recommendations specified in the Preliminary Geotechnical Engineering Investigation prepared by CTE CAL (2015) for the proposed project. All grading and foundation plans for the development must be reviewed and approved by the City Engineer and Chief Building Official prior to issuance of grading and building permits in order to ensure that recommendations in the Preliminary Geotechnical Engineering Investigation are properly incorporated and utilized in the project design.</i>	City of Lincoln Engineer City of Lincoln Chief Building Official	Prior to issuance of a grading permit	
4.6 Hydrology and Water Quality					
4.6-2	Violate any water	4.6-2 <i>Prior to initiation of any ground</i>	Central Valley	Prior to initiation	

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	quality standards or waste discharge requirements, provide substantial additional sources of polluted runoff, or otherwise substantially degrade water quality during construction.	<i>disturbing activities, the project applicant shall prepare a SWPPP, and implement BMPs that comply with the General Construction Stormwater Permit from the Central Valley RWQCB, to reduce water quality effects during construction. Such BMPs may include: temporary erosion control measures such as silt fences, staked straw bales/wattles, silt/sediment basins and traps, check dams, geofabric, sandbag dikes, and temporary revegetation. The SWPPP shall be kept on-site and implemented during construction activities and shall be made available upon request to representatives of the City of Lincoln and/or RWQCB.</i>	RWQCB	of any ground disturbing activities	
4.8 Noise					
4.8-1	Expose persons to or generate noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies.	<i>4.8-1 Consistent with the Environmental Noise and Vibration Assessment prepared by Bollard Acoustical Consultants, Inc., prior to approval of improvement plans, the plans shall show a seven-foot-tall noise barrier to be erected on Virginiatown Road, as shown in Figure 4.8-3 of the Lincoln Meadows EIR, subject to review and approval by the City Engineer. The barrier height shall be seven feet relative to the building pad elevation for the proposed project.</i>	City of Lincoln City Engineer	Prior to approval of improvement plans	
4.8-4	Cause a substantial	<i>4.8-4(a) The project contractor shall ensure that</i>	City of Lincoln	Prior to issuance	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
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	temporary or periodic increase in ambient noise levels in the project vicinity above existing levels without the project.	<p><i>construction activities shall be limited to the hours allowed in the City's Public Facilities Improvement Standards between 7:00 AM to 7:00 PM, Monday through Friday. If construction is necessary on Saturday, Sunday and Holidays the applicant shall submit a written request to the Director of Public Works or City Engineer, as applicable, 72-hours prior to the desired construction. If work is allowed outside aforementioned work hours, the applicant shall have a copy of the written approval available at the work site. The construction activities hours shall be included in the grading plan submitted by the developer for review and approval by the City Engineer prior to grading permit issuance.</i></p> <p>4.8-4(b) <i>The project contractor shall ensure that all internal combustion engines associated with stationary and mobile construction equipment to be used on the project site shall have adequate mufflers equal to or better than those supplied with the equipment by the manufacturer. The muffler requirement shall be included in the grading plan submitted by the developer for review and approval by the Community Development Department prior to grading permit issuance.</i></p>	<p>Department of Public Works</p> <p>City of Lincoln Engineering Division</p> <p>City of Lincoln Community Development Department</p>	<p>of grading permit and during construction activities</p> <p>Prior to grading permit issuance</p>	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<p>4.8-4(c) <i>All construction equipment with back-up alarms shall be equipped with either audible self-adjusting backup alarms or alarms that only sound when an object is detected. The self-adjusting backup alarms shall automatically adjust to 5 dBA over the surrounding background levels. All non-self-adjusting backup alarms shall be set to the lowest setting required to be audible above the surrounding noise levels. In addition to the use of backup alarms, the construction contractor shall consider other techniques such as observers and the scheduling of construction activities such that alarm noise is minimized.</i></p> <p>4.8-4(d) <i>The project contractor shall ensure that the on-site construction staging areas shall be located as far as practical from existing residential areas. The aforementioned requirement shall be included in the grading plan submitted by the developer for review and approval by the Community Development Department prior to grading permit issuance.</i></p>	<p>City of Lincoln Community Development Department</p> <p>City of Lincoln Community Development Department</p>	<p>During construction activities</p> <p>Prior to grading permit issuance</p>	
4.8-5	Cumulative on-site noise impacts.	<p>4.8-5(a) <i>Implement Mitigation Measure 4.8-1.</i></p> <p>4.8-5(b) <i>Prior to issuance of Building Permits, the applicant shall show on the construction</i></p>	See Mitigation Measure 4.8-1 above	See Mitigation Measure 4.8-1 above	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<i>drawings that all upper-floor windows of residences located adjacent to Virginiatown Road, with views of the roadway, shall be upgraded to STC-32, to control interior noise and achieve the City's interior noise standards, for review and approval by the City Building Official.</i>	City Building Official	Prior to issuance of Building Permits	
4.10 Transportation and Circulation					
4.10-1	Impacts to study intersections.	<i>4.10-1 Prior to issuance of a building permit, the project applicant shall pay its fair-share cost towards signalization of the 12th Street/East Avenue intersection. This improvement is included in the City's updated PFE fee program. Therefore, PFE credits would be given to the constructing party. Alternatively, the City may require the project applicant to construct the improvements and provide it with a right of reimbursement from third parties who also benefit from the improvement. Payment by the applicant of the City's PFE transportation fees shall represent the project's fair share of this improvement.</i>	City of Lincoln Community Development Department	Prior to building permit issuance	
4.10-7	Construction impacts.	<i>4.10-7 Prior to the commencement of construction, the project applicant shall prepare a detailed Construction Traffic Management Plan subject to review and approval by the City Department of Public</i>	City of Lincoln Department of Public Works	Prior to the commencement of construction	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
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		<p><i>Works. At a minimum, the plan shall include:</i></p> <ul style="list-style-type: none"> • <i>The number of truck trips, time, and day of street closures;</i> • <i>Time of day of arrival and departure of trucks;</i> • <i>Provision of a truck circulation pattern;</i> • <i>Identification of detour routes and signing plan for street closures, if necessary;</i> • <i>Maintain safe and efficient access routes for emergency vehicles;</i> • <i>Manual traffic control when necessary;</i> • <i>Proper advance warning and posted signage concerning street closures; and</i> • <i>Provisions for pedestrian and bicycle safety.</i> <p><i>A copy of the Construction Traffic Management Plan shall be submitted to local emergency response agencies and transit providers. Such agencies shall be notified at least 30 days prior to the commencement of any construction that would partially or fully obstruct roadways.</i></p>			
4.10-9	Cumulative impacts to	4.10-9	Prior to issuance of a building permit, the	City of Lincoln	Prior to issuance

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	study intersections.	<p><i>project applicant shall fully fund the following improvements to the intersection of Virginiatown Road/Hungry Hollow Road:</i></p> <ul style="list-style-type: none"> <i>Actuated-uncoordinated signalization, which is able to detect the presence of vehicles via sensors in the pavement; and</i> <i>Adding a right-turn pocket on the eastbound approach.</i> <p><i>The applicant shall be subject to PFE Transportation fee credits if the improvements are subsequently included in the City's updated PFE;</i></p> <p><i>Or</i></p> <p><i>If, prior to the issuance of building permits, the City's PFE in effect at the time, includes the following improvements to the Virginiatown Road/Hungry Hollow Road intersection, then the applicant shall pay its fair share cost towards the improvements through payment of the City's PFE Transportation fee:</i></p> <ul style="list-style-type: none"> <i>Actuated-uncoordinated signalization, which is able to detect the presence of vehicles via sensors in the pavement; and</i> 	Department of Public Works	of a building permit	

MITIGATION MONITORING AND REPORTING PROGRAM LINCOLN MEADOWS PROJECT					
Impact Number	Impact	Mitigation Measure	Monitoring Agency	Implementation Schedule	Sign-off
		<ul style="list-style-type: none"> Adding a right-turn pocket on the eastbound approach. 			

APPENDIX A



3628 Madison Avenue, Suite 22 | Sacramento, CA 95660 | 916.331.6030 | Fax 916.331.6037

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
PROPOSED LINCOLN MEADOWS SUBDIVISION
NWC VIRGINIATOWN AND HUNGRY HOLLOW ROADS
LINCOLN, CALIFORNIA
APN NO 021-231-018**

PREPARED FOR:

RBM LAND COMPANY, LLC
C/O MBI CONSULTING GROUP, INC.
ATTENTION: MR. MIKE BRUMBAUGH
3300 SUNSET BLVD., SUITE 200
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PREPARED BY:

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CTE JOB NO. 90-1289E

FEBRUARY 4, 2016

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GEOTECHNICAL | ENVIRONMENTAL | CONSTRUCTION INSPECTION AND TESTING

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1.0 EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (Phase I ESA) was prepared for RBM Land Company, LLC, with regard to the site of the proposed Lincoln Meadows Subdivision, that is situated at the northwestern corner of the intersection between Virginiatown and Hungry Hollow Roads in Lincoln, California, APN No. 021-231-018-000, an approximately 40 acre parcel (the "subject site"). This report substantially follows the ASTM E 1527-13 guidelines, which included reconnaissance level observations of the site and nearby area, regulatory document review, and review of reasonably accessible historic documents. Previously, CTE Cal, Inc. performed a "Preliminary Geotechnical Investigation" (report dated February 27, 2015; CTE Project no. 90-1100G) for the subject site (CTE report).

To the north of the project site is a vacant lot. An existing single family residential subdivision is to the west. A block wall was along the eastern margin of the subdivision. At the time of our field reconnaissance, the gently rolling ground sustained grasses/weeds and scattered trees. Barbed wire fencing was along the roads. A relatively shallow, bermed drainage channel cut diagonally through the central portion of the site and, near to the eastern side of the property, turned northerly. Numerous shallow depressions (1 to 2 feet deep) and small mounds (1 to 2 feet tall) - Mima mounds - were throughout the parcel. A gravel paved access lane connected the western end of the channel (next to the subdivision) with Virginiatown Road to the south. The site generally slopes down toward the northwest with elevations varying from approximately 219 feet above mean sea level (MSL) in the southeastern portion of the site to about 197 feet above MSL in the northwestern portion of the parcel.

As part of our investigation a review of historical aerial photographs was conducted. The oldest photograph reviewed was taken in 1938. The appearance of the ground surface on the 1938 image is similar to that observed on a 2014 aerial photograph and what was observed during our site reconnaissance, except the canal alignment has been slightly modified from that shown on the 1938 image.

A CoreLogic "Property Detail" report (01/07/2016) indicates the county use code is "vacant – dry farm" land and the universal land use is "agricultural land". Review of historical aerial imagery dating back to 1938 indicates the site has been vacant, rolling grass land with a "hummocky" appearance, but no indications of farming use, and generally similar in appearance to that observed during our site reconnaissance. The hummocky surficial appearance of the site is a natural feature of a hog-wallow landscape and are commonly referred to as Mima mounds per email from the project Archeologist, Ellie Maniery.

This Executive Summary has presented a brief overview of the Phase I Report. The body of the report should be considered in its entirety with regard to the findings, opinions and conclusions contained herein.

2.0 INTRODUCTION

2.1 Purpose

CTE Cal, Inc. ("CTE") has prepared this Phase I Environmental Site Assessment (Phase I ESA) report for the site of the proposed Lincoln Meadows Subdivision, that is situated at the northwestern corner of the intersection between Virginiatown and Hungry Hollow Roads in Lincoln, California, APN No. 021-231-018-000, an approximately 40 acre parcel (the "subject site"). The attached Site Index Map, Figure 1, shows the approximate general location of the subject site.

This report was authorized by Mr. Michael C. Brumbaugh, General Manager, representing RBM Land Company, LLC., per CTE's proposal/contract #95-120 dated December 3, 2015, and executed December 7, 2015. The purpose of this Phase I ESA is to provide an assessment of obvious environmental conditions on the site or adjoining properties that could potentially impact the subject property and has been performed in substantial conformance with the ASTM E 1527-13 guidelines.

Information collected and referenced by this report is included in the attached Appendices that are organized as follows.

- Appendix A Due Diligence Environmental Questionnaire
- Appendix B Environmental Data Resources (EDR) Records Report
- Appendix C Sanborn Maps
- Appendix D Historical City Directories
- Appendix E Historical Aerial Photographs
- Appendix F Historical Topographic Maps
- Appendix G Site Reconnaissance Photographs

2.2 Scope of Services

The scope of services for the Phase I ESA generally follows the ASTM guidelines for Phase I Environmental Site Assessments (ASTM E 1527-13). CTE's scope of services included:

- Site Reconnaissance, including observations from public vantages of adjacent and nearby properties. Photographs were taken of the site and adjacent properties.
- Document Review, including review of regulatory agency file and list summaries completed in general conformance with the guidelines of ASTM E 1527-13 as provided by EDR, a commercial vendor.
- Site History, including review of reasonably accessible historical documents as presented in ASTM E 1527-13 in order to evaluate past uses of the site and selected adjacent or nearby properties. Reviewed historic information includes Sanborn fire insurance maps, aerial photographs, topographic maps, city reverse and telephone directories.
- Reporting, the accumulated data and resulting opinions and conclusions are presented in this report.

2.3 Significant Assumptions

The Phase I ESA was conducted in substantial accordance with ASTM E1527-13 guidelines. No other warranties, expressed or implied, are made by CTE Cal, Inc. (CTE). CTE's evaluations, analyses, conclusions and opinions should not be taken as representations regarding surface and subsurface conditions at the subject property. Conditions may differ from the conditions implied by superficial observations or obtained from third party sources.

This report was prepared in general accordance with the standard of practice for reputable environmental consultants practicing in the site area at this time. CTE makes no other representations or qualifications. CTE should be notified of any variations in the data or findings presented in this report. CTE may re-evaluate this report depending upon changed conditions, or further supplied information.

Documentation provided by Environmental Data Resources Inc. (EDR), third parties and public domain, as referred to in this report, are assumed to be complete and correct, and have been used and referenced with the understanding that CTE assumes no responsibility or liability for their accuracy. CTE's conclusions and opinions are based

upon such information and documentation, and CTE's observations of site conditions, as they existed on the date of site observations. Because site conditions may change significantly over a short period of time and additional data may become available, data reported and conclusions/opinions in this report are limited to current conditions, and may not be relied upon at a significantly later date (generally considered as 180 days) and/or following property use changes, whichever occurs first.

2.4 Limitations and Exceptions

Reasonable efforts have been made during this assessment to uncover *Recognized Environmental Conditions*. "Reasonable efforts" are limited to information gathered from visual observations of unobstructed areas, recorded database information held in public record, and available information gathered from interviews and selected historic documents, and may not identify all environmental conditions pertinent to the site.

Limitations and exceptions for this site include the following:

- This assessment is not an environmental compliance audit or report. Some observations and discussion in this report may address regulated conditions, operations, or activities; however, compliance with those conditions, operations, or activities is outside the scope of this report. This report does not constitute a legal opinion or legal advice, which should be obtained from independent legal counsel, if considered necessary.
- This report does not address non-scope ASTM considerations outside the stated scope, including, but not limited to, asbestos containing materials (ACMs), radon, lead-based paint (LBP), lead in drinking water, wetlands, protected environments and habitat, industrial hygiene, indoor air quality, vapor intrusion, regulatory permitting requirements, and high voltage power lines.

2.5 Special Terms and Conditions

No special terms or conditions exist between CTE and RBM Land Company, LLC. CTE does not have a financial interest in this site, other than preparation of this report.

2.6 User Reliance

This report is prepared for RBM Land Company, LLC. (RBM); no other parties may rely on this report without express written permission of CTE and RBM. The report is not for use or benefit of another person or entity without advance written consent of CTE and RBM. This report is prepared using currently accepted standard of care for conducting such assessments in this area at this time.

The findings and opinions presented herein are relative to the dates of the site work and should not be relied upon to represent future dates. This report may be utilized for 180 days from the date of the report. Additionally, this report may not be utilized should the property usage or use of adjacent sites change.

3.0 SITE DESCRIPTION AND CONDITIONS

3.1 Location and Description

The subject site is located within the City of Lincoln sphere of influence in the County of Placer, California. The subject site consists of a roughly rectangular shaped, +/-40 acre property. It is situated on the northern side of Virginiatown Road and to the west of Hungry Hollow Road. The general area surrounding the subject site is utilized mainly for residential and agricultural purposes. The adjacent property to the south across Virginiatown road is vacant land and a City of Lincoln closed landfill. To the north is vacant grass land. Adjacent to the subject site on the eastern side across Hungry Hollow Road are rural residential properties. A residential subdivision is to the west. A block wall was along the eastern margin of the subdivision.

At the time of our field reconnaissance, the gently rolling ground sustained grasses/weeds and scattered trees. Barbed wire fencing was along the roads. A relatively shallow, bermed canal (Lincoln Ditch Extension) cut diagonally westerly – easterly through the central portion of the site and, near to the eastern side of the property, turned northerly. Numerous shallow depressions (1 to 2 feet deep) and small mounds (1 to 2 feet tall) which are a natural feature of a hog-wallow landscape and are commonly referred to as Mima mounds (email 2/2/16 from Ellie Maniery, Associate Archaeologist II with PAR Environmental Services, Inc.) were throughout the parcel. A gravel / dirt access lane paralleled the canal from next to the subdivision to Hungry Hollow Road. The site generally sloped down toward the northwest with elevations varying from approximately 219 feet above mean sea level

(MSL) in the southeastern portion of the site to about 197 feet above MSL in the northwestern portion of the parcel. Refer to Google Earth aerial imagery (4/16/2015), below.



4.0 USER PROVIDED INFORMATION

A User Questionnaire was emailed to the client and is included in Appendix A. The questionnaire was filled out by the current property owner's representative, Mr. Mike Brumbaugh, on January 7, 2016. No significant deviations were noted in the questionnaire from our findings from other sources discussed in this report.

Preliminary Title Report

A preliminary title report by Placer Title Company (order no. 1601-1254; dated January 8, 2015) was provided to us by the client. The report stated title to the property is vested in

RBM Land Company, LLC, a California Limited Liability Company. The assessor's parcel number is 021-231-018. No environmental liens are listed within the title report.

5.0 RECORDS REVIEW

5.1 Regulatory Data Base Review

CTE reviewed federal, state, and local environmental databases for information regarding documented and suspected releases of regulated materials at the subject property and vicinity based upon reference to an environmental database search performed by EDR, an environmental data base search firm. EDR performed the standard ASTM E 1527-13 recommended distances from the center of the site. CTE has summarized the findings of the EDR report with respect to site proximity from listed sites and position with respect to groundwater flow direction that is anticipated to be to the west, south-west. A copy of the EDR report is included in Appendix B, and should be referenced for detailed information. The EDR report showed listings for the subject site, adjacent properties and properties within a 1 mile radius that could have potential environmental impact at the subject site. A summary of Envirostor list is provided in Table 5.1.3b below with the properties in bold explained in greater detail below the table. Nearby properties listed by EDR includes the following:

TABLE 5.1.3b ENVIROSTOR LIST			
NAME/ADDRESS	STATUS	APPROXIMATE DIRCTION / DISTANCE FROM SITE	GROUNDWATER GRADIENT POSITION FROM SITE
SIERRA SUPER STOP 1085 EAST STREET, LINCOLN, CA	COMPLETED – CASE CLOSED As of 10/12/2001	W / 0.764 mi., 4033 ft.	Lateral
LINCOLN LANDFILL VIRGINIATOWN RD NR HUNGRY HOLLOW RD	CLOSED	S / 0.01 mi., 50 ft.	Lower

5.2 General Setting

The subject site is located in Placer County which is located near to the City of Lincoln, California.

5.2.1 General Geologic Conditions

The subject site is located near to the eastern edge of California's Great Valley Geomorphic Province, a geologically young, large, flat-lying alluvial plain in the

central portion of California. It is 40 to 60 miles (60 to 100 km) wide and stretches approximately 450 miles (720 km) from north-northwest to south-southeast, inland from and parallel to the Pacific Ocean Coast Ranges to the west and Sierra Nevada Mountains to the east. The Great Valley has been filled with hundreds to thousands of feet of eroded sediments, ranging in age from Pleistocene to Holocene. Recent alluvial deposits generally consist of poorly sorted silts, fine sands and clays with less extensive lenses of medium to coarse grained sands and gravel. These alluvial units overlie Pliocene-Pleistocene continental clastic deposits, which in turn overly older continental and marine deposits. An unconformable pre-Tertiary basement complex of granitic and metamorphic rocks underlies the sediments.

5.2.2 Geologic Conditions

Based on our review of readily available published geologic literature/maps (California Geologic Survey (CGS) Geologic Map 1A "Geologic Map of the Sacramento Quadrangle", 1981; scale 1:250,000) the site is mapped to be underlain by deposits of the Pleistocene Riverbank Formation consisting of undifferentiated arkosic alluvial deposits. Soil materials encountered in CTE's site explorations for the Preliminary Geotechnical Investigation (report of February 27, 2015) of the subject site are generally consistent with the above referenced published geologic mapping.

The native alluvial deposits found in the exploratory borings generally consisted of an uppermost soil layer comprised of medium dense to very dense, gravelly clayey sand with variable silt (Unified Soil Classification: SC) to depth of about 5 feet below existing ground surface (egs). Underlying the clayey sand layer were interlayers of dense to very dense silty sands (SM) and clayey sands (SC) with variable gravel, sandy clays (CL), and silty sandy gravel (GM) containing some lenses of dense silty sand with variable gravel to the maximum depth of our explorations of about 21.5 feet below egs.

The surficial sandy loam pedogenic soils are commonly classified as part of the San Joaquin Soil Series (refer to EDR report; based on Soil Conservation Service SSURGO data).

5.2.3 Surface Water

Surface water at the subject site flows generally northwesterly; and, to the south of Virginiatown Road, southerly toward Auburn Ravine.

5.2.4 Groundwater

A review of “Updated Final Closure Plan And Final Post Closure Maintenance Plan, Lincoln Landfill, Virginiatown Road At Hungry Hollow Road, Placer County, California” (report by Earthtec, Ltd. 06/98; Project No. 389102.4) for the adjacent southerly closed Lincoln Landfill provides indications of groundwater conditions. The report indicates groundwater seasonally varies generally about ten to twenty feet below the ground surface existing at the landfill and is generally between elevations varying from about 180 feet to 193 feet above MSL with a south to southwest gradient varying from 0.02 to 0.04 FT/FT.

5.3 Historical Use Information on the Target property and Adjoining Properties

The following historical sources were utilized to prepare this Phase I ESA:

- Sanborn Fire Insurance Maps, attached in Appendix C
- Historical telephone directories, attached in Appendix D
- Historical aerial photographs, attached in Appendix E
- Historical topographic maps, attached in Appendix F

5.3.1 Sanborn Fire Insurance Maps

The certified Sanborn Map Report provided by EDR certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

5.3.2 Reverse Telephone Directories

Historic reverse (“criss-cross”) telephone directories did not reference the subject site. Nearby sites appeared to be residential.

5.3.3 Historic Aerial Photographs

Historic aerial photographs dating back to 1938 were accessed by EDR, and are attached as Appendix E for reference. The following is a brief summary of the reviewed historic aerial photographs.

TABLE 5.3.3 SUMMARY NOTES HISTORIC AERIAL PHOTOGRAPHS	
Aerial Photograph Dates	Observations
2012 2010	These aerial photographs are similar and show the subject site and surrounding properties to the north and northwest as vacant range lands with a “hummocky”

2009	texture. To the south across Virginiatown Road is closed Lincoln Landfill and range land with Auburn Ravine further southerly. To the east is range land, residential rural houses and dredge tailings. To the west is a residential subdivision under construction. The "Lincoln Canal" trends WSW to ENE linearly across the western side of the site with a northerly jog in the eastern part, then bends southerly and back northerly near to Hungry Hollow Road. The site and surrounding areas appear similar to conditions noted during our site visit.
2006 2005 1998 1993 1984 1961	These aerial images show the site is similar to the above description, except the property to the west is undeveloped, and there are only a few houses on the land to the east.
1952	The subject site and surrounding properties appear similar to that shown on the above air photographs, except the canal trends linearly across the site, then turns northerly near to Hungry Hollow Road; and, no houses are on the eastern property.
1938	The subject site and surrounding properties are similar to those shown on the 1952 aerial image, except the landfill is not present.

5.3.4 Historic Topographic Maps

Historic topographic maps dating back to 1891 were accessed by EDR, and are attached as Appendix F. The maps show the subject site and surrounding properties have essentially remained the same as previously described. The site is shown vacant on all of the topographic maps.

6.0 SITE RECONNAISSANCE

The site reconnaissance was conducted January 14, 2015, by Ed Hendrick as a representative of CTE. No key site contact was available for the site visit. Observations were taken of the subject site and nearby properties. Selected pictures taken during the site reconnaissance are attached as Appendix G.

6.1 Methodology and Limiting Conditions

The site reconnaissance consisted of walking the subject site and observing adjacent and nearby properties from public vantages. Photographs were taken during the site reconnaissance and selected photos are provided in Appendix G. The subject site location is shown on Figure 1 which also shows the subject site limits.

6.2 General Site Setting

The subject site is located within an unincorporated portion of Placer County known as Lincoln. General setting of the subject site and area is rural and subdivision residential and grazing land on key and near key thoroughfares identified as Virginiatown Road and Hungry Hollow Road, respectively. The subject site is situated on the northern side of Virginiatown Road which bounds it to the south. Hungry Hollow Road bounds the subject site to the east. The subject site is serviced by Virginiatown Road, a paved two lane road and Hungry Hollow Road, a paved two lane road. The site grading slopes down relatively gently to the northwest toward vacant grazing land.

6.3 Site Observations

At the time of our field reconnaissance, the gently rolling ground sustained grasses/weeds and scattered trees. Barbed wire fencing was along the roads. A relatively shallow, bermed canal (Lincoln Ditch Extension) cut diagonally westerly – easterly through the central portion of the site and, near to the eastern side of the property, turned northerly. Numerous shallow depressions (1 to 2 feet deep) and small mounds (1 to 2 feet tall) – Mima mounds - were throughout the parcel. A gravel / dirt access lane paralleled the canal from next to the subdivision to Hungry Hollow Road. The site generally sloped down toward the northwest with elevations varying from approximately 219 feet above mean sea level (MSL) in the southeastern portion of the site to about 197 feet above MSL in the northwestern portion of the parcel.

6.3.1 Summary of Observations

TABLE 6.3.1 SUMMARY OF SUBJECT SITE OBSERVATIONS			
CONDITIONS	NOT OBSERVED OR NOTED	OBSERVED OR NOTED	SIGNIFICANT CONCERN?
Hazardous Substances/Petroleum Products	X		
Waste Generation/Storage/Disposal	X		
ASTs	X		
USTs	X		
PCB Containing Equipment	X		
Chemical/Petroleum Odors	X		
Pools of Liquid	X		

TABLE 6.3.1 SUMMARY OF SUBJECT SITE OBSERVATIONS			
Floor Drains/Sumps/Wells	X		
Drums	X		
Stains or Corrosion	X		
Unidentified Substance Containers	X		
Stained Soil or Pavement	X		
Stressed Vegetation	X		
Pits, Ponds or Lagoons	X		
Wastewater Discharges/Disposal Systems	X		
Septic Systems/Cesspools	X		
Non-Hazardous Solid Waste Disposal Areas	X		
Drinking Water Systems	X		
Wells	X		
Other (Soil Mounds)		X	

6.4 Vicinity Observations

The site reconnaissance was performed to evaluate potential environmental impacts to the subject site from adjacent and nearby properties. CTE's site observations are summarized in the following table.

TABLE 6.4 SUMMARY OF VICINITY OBSERVATIONS	
General Direction From Site	Observations
North:	Vacant grass lands
South:	Vacant grass land and closed Lincoln Landfill to the south of Virginiatown Road
West:	Residential subdivision
East:	Across Hungry Hollow Road rural residential and tailings from historic placer dredging

7.0 INTERVIEWS

The site is vacant and no individuals were available to interview regarding the subject site history.

8.0 FINDINGS AND OPINIONS

CTE has performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM E 1527-13 guidelines for the property at the northwestern corner of the intersection between Virginiatown Road and Hungry Hollow Road, Lincoln, Placer County, California (APN NO. 021-231-018). Exceptions to this practice are described in Section 2.4 and Section 10.0. Based on CTE's findings discussed herein, it is CTE's opinion that there are no potential recognized environmental concerns at the subject site.

9.0 Conclusions

CTE has performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM Practice E 1527-13 guidelines regarding the proposed site for a new residential subdivision, Lincoln Meadows, Lincoln, Placer County, California. Any exceptions to, or deviations from, this practice are described in Sections 2.4 and 10.0 of this report.

The presence of environmental issues at the subject property was considered with respect to guidelines of the ASTM 1527-13 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process". ASTM E 1527-13 defines a *Recognized Environmental Condition (REC)* as "*—the presence or likely presence of any hazardous substances or petroleum products in, on or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not Recognized Environmental Conditions.*"

CTE has conducted a *Phase I Environmental Assessment* in general conformance with the scope and limitations of ASTM Practice E 1527-13 guidelines for the subject site of the proposed Lincoln Meadows Subdivision, Lincoln, Placer County, California. Any

exceptions to, or deletions from, this practice are described in Section 2.4 and 10.0 of this report.

10.0 DEVIATIONS

No deviations were conducted by CTE related to this Phase I ESA.

11.0 ADDITIONAL SERVICES

No additional services were conducted by CTE related to this Phase I ESA.

12.0 REFERENCES

- (1) ASTM (2013) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, Designation E 1527-13.
- (2) EDR Reports for Radius Map, Sanborn Map, Aerial Photographs, City Directory and Topographic Maps (all dated December 7, 2015).
- (3) California State Water Resources Control Board website, *Geotracker*.
- (4) Google Earth aerial imagery dated 4/16/2015.
- (5) Email dated 2/2/16 from Ellie Maniery, M.A., RPA, Associate Archaeologist II, of PAR Environmental Services, Inc., Sacramento, CA, to CTE.
- (6) D.L. Wagner, C.W. Jennings, T.L. Bedrossian and E.J. Bortugno, "Geologic Map of the Sacramento Quadrangle" (Regional Geological Map Series No. 1A, Scale 1:250,000, Third Printing 2010) published by the California Geological Survey (CGS).

13.0 SIGNATURES AND QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

This report is prepared by appropriately credentialed professionals with experience in preparing environmental site assessments in exceedance of ASTM E 1527-13 requirements. This report is prepared in accordance with the standard of practice utilized by reputable consultants practicing in this area at the time of this report. No other warranties are expressed or implied. This report is prepared for RBM Land Company, LLC., no other parties may rely on this report without express written permission of CTE and RBM Land Company, LLC.

Respectfully submitted,

CTE Cal, Inc.



Ed Hendrick, PE, GE, RG, CEG
Senior Geotechnical Engineer /
Engineering Geologist

EH

Distribution: (1) Addressee

APPENDIX A

DUE DILIGENCE ENVIRONMENTAL QUESTIONNAIRE
PAR ENVIRONMENTAL 2/2/16 EMAIL

From: Andrea Ellie Maniery [mailto:aemaniery@parenvironmental.com]
Sent: Tuesday, February 02, 2016 2:55 PM
To: 'ed.hendrick@aceqc.com'
Cc: mlmaniery@yahoo.com; Mike Brumbaugh
Subject: RE: Lincoln Meadows Report

Good afternoon Mr. Hendrick,

Myself and another archaeologist completed the survey in Lincoln yesterday for the Lincoln Meadows project. We examined those mounds you referred to in our previous conversations, and after seeing them myself and conferring with the archaeologist who wrote the report back in 2006, we've concluded that the mounds are not mining related. Rather, they are a natural feature of a hog-wallow landscape and are commonly referred to as Mima mounds. While there was placer mining around the parcel further upstream, there was no evidence of tailings or mining ditches that I'd expect for an immediately mined area.

Let me know if you have any more questions or concerns,

Ellie Maniery, M.A., RPA

Associate Archaeologist II
PAR Environmental Services Inc.
1906 21st Street
Sacramento, CA 95811
(916) 287-9118





CTE Cal, Inc.
Due Diligence Environmental Questionnaire – *Owner*
Subject Property Address/Location:
LINCOLN MEADOWS SUBDIVISION
NWC VIRGINIA TOWN AND HUNGRY HOLLOW ROADS
LINCOLN, CALIFORNIA

Please return completed form via US Mail or by email to Ed.Hendrick@CTEcal.com

Completed by:

Mike Brumbaugh

Company or Organization:

RBM Land Company, LLC

Title:

Date:

1-7-16

1.) Who is the current owner of the subject property and when was it purchased?

RBM Land Company, LLC.
Purchased 4-14-2005

2.) What is the current use of the property, and for how long?

Vacant for decades.

3.) Who are the past owners of the property and years of ownership (if available)?

Grey family. Possibly 50+ yrs.

4.) What was the past use of the subject property?

Grazing

5.) Are you aware of any environmental cleanup liens that are filed or recorded against the subject property?

No

6.) Are you aware of any activity, environmental engineering, land use limitations, and/or institutional controls that are in place on the property? No If so, have any been filed or recorded in a registry?

Subject Property Address/Location:

**LINCOLN MEADOWS SUBDIVISION
NWC VIRGINIA TOWN AND HUNGRY HOLLOW ROADS
LINCOLN, CALIFORNIA**

7.) Are you aware of any specialized knowledge or experience related to the property or nearby properties that is pertinent to potential adverse environmental conditions?

*Former City Dump site (6 acres), south of Virginiatown Rd.
Site has been in the process of being cleaned up for over a decade plus. Contact City for information.*

8.) Are you aware of commonly known or reasonably obtainable information that would help CTE to identify conditions indicative of releases or threatened releases of hazardous wastes/materials at the property? Such information includes (but is not limited to):

No. I believe the site is clean.

- Past uses of the property
- Specific chemicals that are present or may have been present on the property
- Any hazardous material and/or petroleum product storage (including above ground and underground storage tanks) on the property or adjacent properties
- Any hazardous material or petroleum product spill or release that have taken place on the property or adjacent properties
- Any environmental cleanups on the property or adjacent property
- Additional Information

9.) Based on your knowledge, experience, written and/or verbal reports related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

No. Again, I believe the site is clean.

To the best of my knowledge, I certify that the information provided in this questionnaire is true, correct and provided in good faith.

Signature: _____

Michael J. Brumbaugh

Completed by: _____

Mike Brumbaugh

Date: _____

1-7-16

APPENDIX B

ENVIRONMENTAL DATA RESOURCES (EDR) RECORDS REPORT

Lincoln Meadows

NWC Virginia Town and Hungry Hollow Road
Lincoln, CA 95648

Inquiry Number: 4485881.2s
December 07, 2015

The EDR Radius Map™ Report with GeoCheck®



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Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

NWC VIRGINA TOWN AND HUNGRY HOLLOW ROAD
LINCOLN, CA 95648

COORDINATES

Latitude (North):	38.9030000 - 38° 54' 10.80"
Longitude (West):	121.2678000 - 121° 16' 4.08"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	650207.6
UTM Y (Meters):	4307231.0
Elevation:	209 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5619728 LINCOLN, CA
Version Date:	2012
Northeast Map:	5619714 GOLD HILL, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120706, 20120705
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
NWC VIRGINIA TOWN AND HUNGRY HOLLOW ROAD
LINCOLN, CA 95648

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	THAMES SIERRA SERVIC	1085 EAST STREET	Notify 65	Lower	4033, 0.764, WSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List

EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR..... EnviroStor Database

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

LUST..... Geotracker's Leaking Underground Fuel Tank Report

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

SLIC..... Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

UST..... Active UST Facilities

AST..... Aboveground Petroleum Storage Tank Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

EXECUTIVE SUMMARY

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... National Clandestine Laboratory Register
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program
CDL..... Clandestine Drug Labs
Toxic Pits..... Toxic Pits Cleanup Act Sites
US CDL..... Clandestine Drug Labs

Local Lists of Registered Storage Tanks

SWEEPS UST..... SWEEPS UST Listing
HIST UST..... Hazardous Substance Storage Container Database
CA FID UST..... Facility Inventory Database

Local Land Records

LIENS..... Environmental Liens Listing
LIENS 2..... CERCLA Lien Information
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CHMIRS..... California Hazardous Material Incident Report System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database

EXECUTIVE SUMMARY

HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
FINDS.....	Facility Index System/Facility Registry System
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
EMI.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
HIST CORTESE.....	Hazardous Waste & Substance Site List
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
CA PLACER CO. MS.....	Master List of Facilities
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
UIC.....	UIC Listing
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historic Gas Stations
EDR Hist Cleaner.....	EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 08/04/2015 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

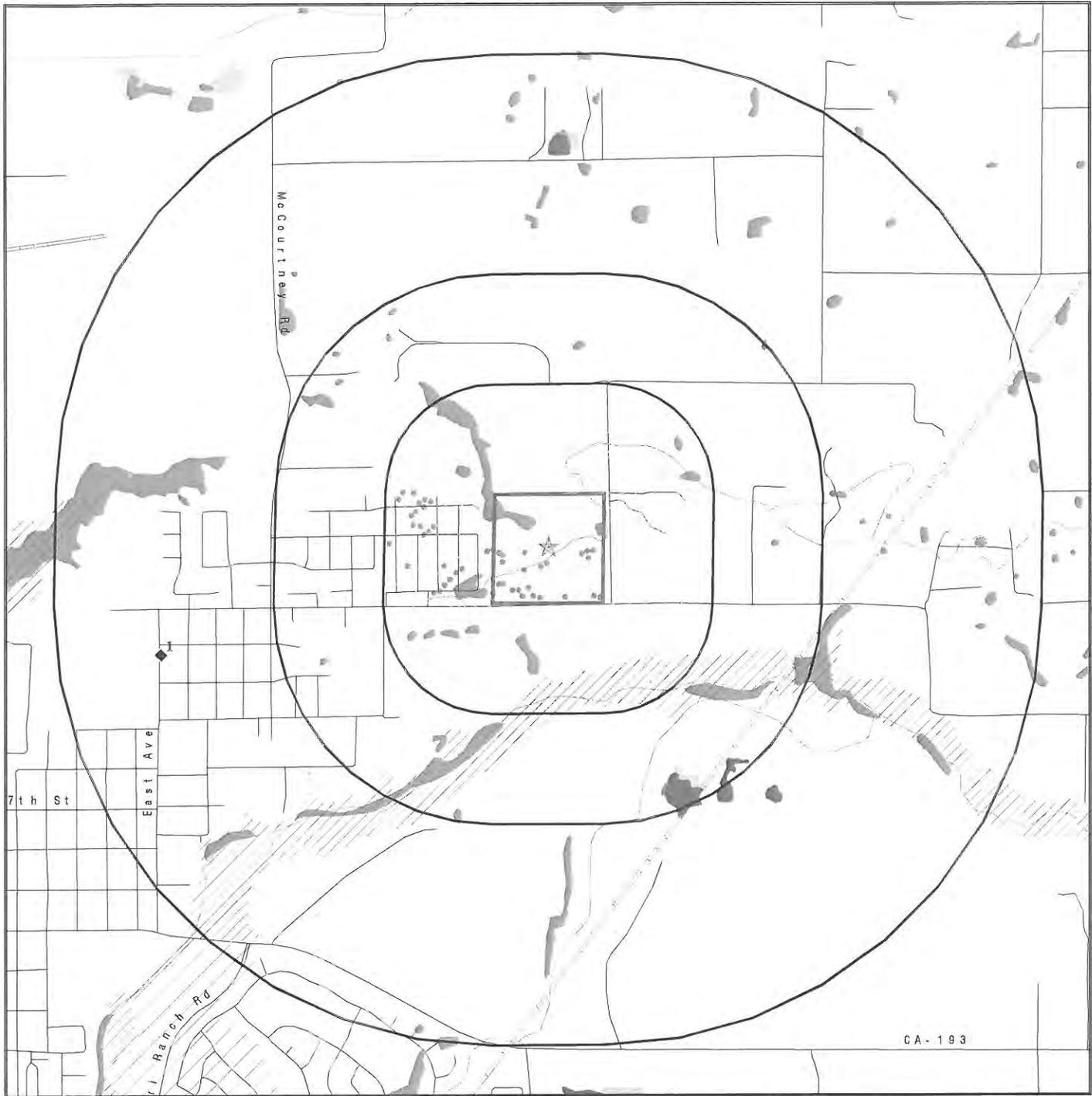
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
THAMES SIERRA SERVIC	1085 EAST STREET	WSW 1/2 - 1 (0.764 mi.)	1	8

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 4 records.

<u>Site Name</u>	<u>Database(s)</u>
LINCOLN HIGHLANDS	NPDES
SUMMER PLACE LINCOLN	NPDES
CLOSED LINCOLN LANDFILL	NPDES
LINCOLN LANDFILL CLOSURE	NPDES

OVERVIEW MAP - 4485881.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Pipelines

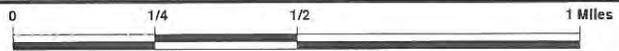
100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern

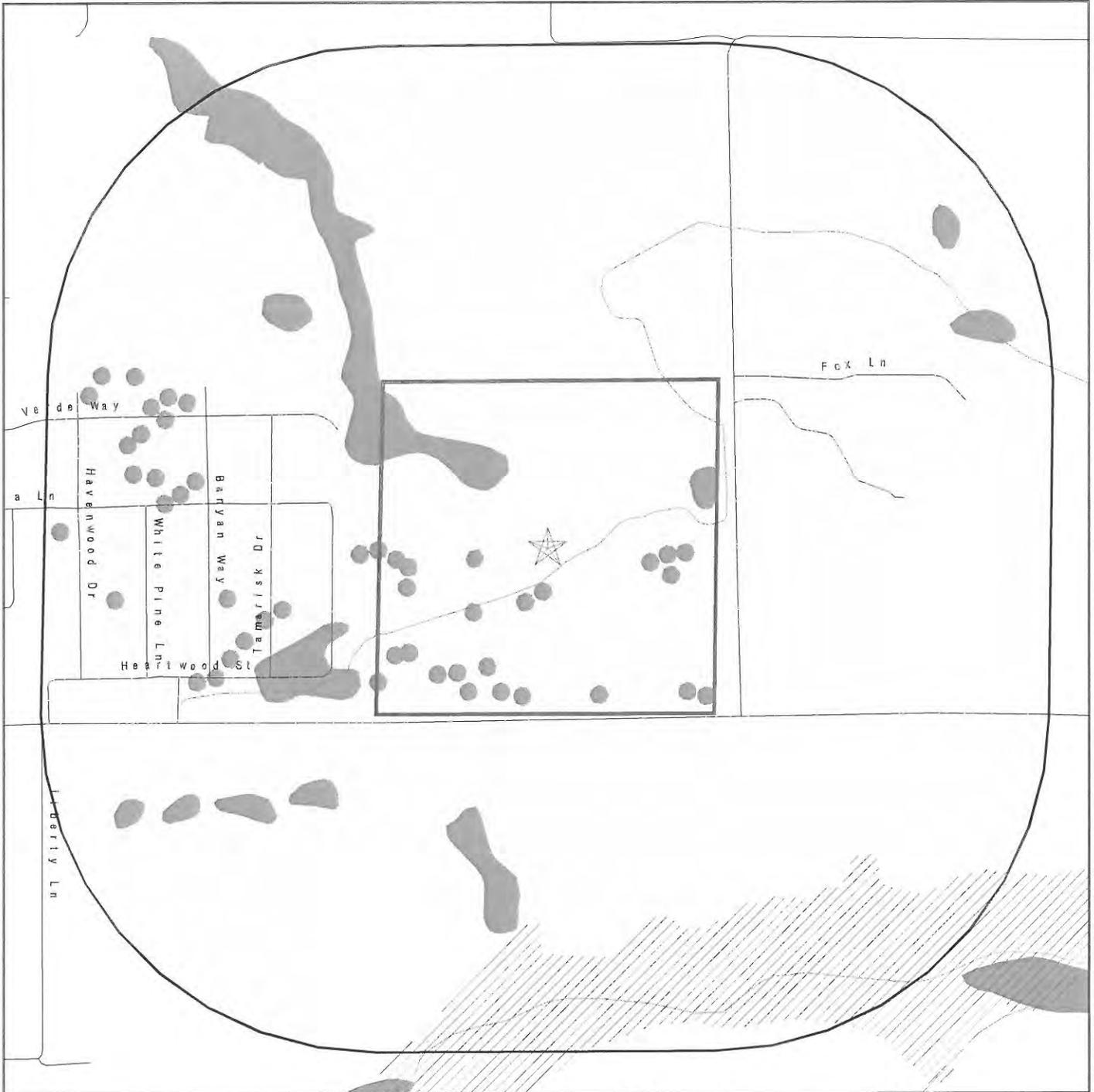


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Lincoln Meadows
 ADDRESS: NWC Virginia Town and Hungry Hollow Road
 Lincoln CA 95648
 LAT/LONG: 38.903 / 121.2678

CLIENT: Construction Testing & Eng.
 CONTACT: Robert Moore
 INQUIRY #: 4485881.2s
 DATE: December 07, 2015 8:11 pm

DETAIL MAP - 4485881.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

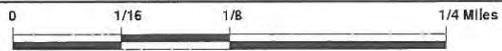
100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern



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

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 ADDRESS: NWC Virginia Town and Hungry Hollow Road
 Lincoln CA 95648
 LAT/LONG: 38.903 / 121.2678

CLIENT: Construction Testing & Eng.
 CONTACT: Robert Moore
 INQUIRY #: 4485881.2s
 DATE: December 07, 2015 8:11 pm

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
CERCLIS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERCLIS-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
SLIC	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.001		0	NR	NR	NR	NR	0
CA PLACER CO. MS	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	1	NR	1
UIC	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0

- Totals --		0	0	0	0	1	0	1
-------------	--	---	---	---	---	---	---	---

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s) EDR ID Number
EPA ID Number

1 **THAMES SIERRA SERVICE STATION**
WSW **1085 EAST STREET**
1/2-1 **LINCOLN, CA 94154**
0.764 mi.
4033 ft.

Notify 65 **S100179607**
 N/A

Relative: NOTIFY 65:
Lower Date Reported: Not reported
 Staff Initials: Not reported
Actual: Board File Number: Not reported
175 ft. Facility Type: Not reported
 Discharge Date: Not reported
 Issue Date: Not reported
 Incident Description: Not reported

Count: 4 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LINCOLN	S110734300	LINCOLN HIGHLANDS	NEC OF VIRGINIATOWN RD & LIBER	95648	NPDES
LINCOLN	S117624625	SUMMER PLACE LINCOLN	NWC RED ROCK AND JOINER PKWY	95648	NPDES
LINCOLN	S109692088	CLOSED LINCOLN LANDFILL	VIRGINIATOWN RD	95648	NPDES
LINCOLN	S118119318	LINCOLN LANDFILL CLOSURE	VIRGINIATOWN ROAD	95648	NPDES

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 03/26/2015	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 11/07/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 01/18/2016
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 03/26/2015	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 11/07/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 01/18/2016
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 03/26/2015	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 11/07/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 01/18/2016
	Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/26/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/08/2015	Telephone: 703-603-8704
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 10/09/2015
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/18/2016
	Data Release Frequency: Varies

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

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 11/23/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 03/07/2016
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 11/23/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 03/07/2016
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 11/13/2015
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/29/2016
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 09/10/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/11/2015	Telephone: 703-603-0695
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 11/24/2015
Number of Days to Update: 53	Next Scheduled EDR Contact: 03/14/2016
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 09/10/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/11/2015	Telephone: 703-603-0695
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 11/24/2015
Number of Days to Update: 53	Next Scheduled EDR Contact: 03/14/2016
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 06/22/2015	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 06/26/2015	Telephone: 202-267-2180
Date Made Active in Reports: 09/16/2015	Last EDR Contact: 09/29/2015
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/11/2016
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 08/03/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/04/2015	Telephone: 916-323-3400
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 11/07/2015
Number of Days to Update: 30	Next Scheduled EDR Contact: 02/15/2016
	Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 08/03/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/04/2015	Telephone: 916-323-3400
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 11/07/2015
Number of Days to Update: 30	Next Scheduled EDR Contact: 02/15/2016
	Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/17/2015	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 08/18/2015	Telephone: 916-341-6320
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 11/18/2015
Number of Days to Update: 16	Next Scheduled EDR Contact: 02/29/2016
	Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 10/21/2015	Source: State Water Resources Control Board
Date Data Arrived at EDR: 10/22/2015	Telephone: see region list
Date Made Active in Reports: 11/05/2015	Last EDR Contact: 10/22/2015
Number of Days to Update: 14	Next Scheduled EDR Contact: 12/28/2015
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calaveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/28/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/08/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 07/21/2015
Date Data Arrived at EDR: 07/29/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 76

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/13/2015
Date Data Arrived at EDR: 08/03/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 71

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 07/28/2015
Date Data Arrived at EDR: 08/07/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 67

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/30/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/30/2015	Source: EPA Region 8
Date Data Arrived at EDR: 05/05/2015	Telephone: 303-312-6271
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 10/08/2015
Number of Days to Update: 48	Next Scheduled EDR Contact: 02/08/2016
	Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 07/30/2015	Source: EPA Region 4
Date Data Arrived at EDR: 08/07/2015	Telephone: 404-562-8677
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 10/26/2015
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/08/2016
	Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/03/2015	Source: EPA Region 1
Date Data Arrived at EDR: 04/30/2015	Telephone: 617-918-1313
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 10/27/2015
Number of Days to Update: 53	Next Scheduled EDR Contact: 02/08/2016
	Data Release Frequency: Varies

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 10/21/2015	Source: State Water Resources Control Board
Date Data Arrived at EDR: 10/22/2015	Telephone: 866-480-1028
Date Made Active in Reports: 11/06/2015	Last EDR Contact: 10/22/2015
Number of Days to Update: 15	Next Scheduled EDR Contact: 12/28/2015
	Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003	Source: California Regional Water Quality Control Board, North Coast Region (1)
Date Data Arrived at EDR: 04/07/2003	Telephone: 707-576-2220
Date Made Active in Reports: 04/25/2003	Last EDR Contact: 08/01/2011
Number of Days to Update: 18	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/08/2015
Next Scheduled EDR Contact: 01/25/2016
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 10/21/2015
Date Data Arrived at EDR: 10/22/2015
Date Made Active in Reports: 11/19/2015
Number of Days to Update: 28

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 10/22/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 09/28/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 07/28/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 60

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/13/2015	Source: EPA Region 6
Date Data Arrived at EDR: 08/03/2015	Telephone: 214-665-7591
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 10/26/2015
Number of Days to Update: 71	Next Scheduled EDR Contact: 02/08/2016
	Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 07/30/2015	Source: EPA Region 4
Date Data Arrived at EDR: 08/07/2015	Telephone: 404-562-9424
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 10/26/2015
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/08/2016
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 10/26/2015
Number of Days to Update: 65	Next Scheduled EDR Contact: 02/08/2016
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 07/28/2015	Source: EPA Region 5
Date Data Arrived at EDR: 08/07/2015	Telephone: 312-886-6136
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 10/26/2015
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/08/2016
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/03/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 04/30/2015	Telephone: 617-918-1313
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 10/27/2015
Number of Days to Update: 53	Next Scheduled EDR Contact: 02/08/2016
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 07/21/2015	Source: EPA Region 10
Date Data Arrived at EDR: 07/29/2015	Telephone: 206-553-2857
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 10/26/2015
Number of Days to Update: 76	Next Scheduled EDR Contact: 02/08/2016
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/14/2014
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/30/2015
Next Scheduled EDR Contact: 02/09/2016
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 08/03/2015
Date Data Arrived at EDR: 08/04/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/07/2015
Next Scheduled EDR Contact: 02/15/2016
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 06/25/2015
Date Data Arrived at EDR: 09/08/2015
Date Made Active in Reports: 10/12/2015
Number of Days to Update: 34

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/04/2015
Next Scheduled EDR Contact: 03/21/2016
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/22/2015
Date Data Arrived at EDR: 06/24/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/23/2015
Next Scheduled EDR Contact: 01/04/2016
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 11/09/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/14/2015
Date Data Arrived at EDR: 09/15/2015
Date Made Active in Reports: 10/14/2015
Number of Days to Update: 29

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/15/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 09/21/2015
Date Data Arrived at EDR: 09/22/2015
Date Made Active in Reports: 11/05/2015
Number of Days to Update: 44

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/13/2015
Next Scheduled EDR Contact: 02/29/2016
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/06/2015
Next Scheduled EDR Contact: 02/15/2016
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 10/26/2015
Number of Days to Update: 137	Next Scheduled EDR Contact: 02/08/2016
	Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 08/12/2015	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/04/2015	Telephone: 202-307-1000
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 08/31/2015
Number of Days to Update: 60	Next Scheduled EDR Contact: 12/14/2015
	Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

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

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 08/03/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/04/2015	Telephone: 916-323-3400
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 11/07/2015
Number of Days to Update: 30	Next Scheduled EDR Contact: 02/15/2016
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2014	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/10/2015	Telephone: 916-255-6504
Date Made Active in Reports: 03/18/2015	Last EDR Contact: 10/26/2015
Number of Days to Update: 8	Next Scheduled EDR Contact: 01/25/2016
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

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

Date of Government Version: 08/12/2015	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/04/2015	Telephone: 202-307-1000
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 11/25/2015
Number of Days to Update: 60	Next Scheduled EDR Contact: 03/14/2016
	Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009	Source: Department of Public Health
Date Data Arrived at EDR: 09/23/2009	Telephone: 707-463-4466
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 11/23/2015
Number of Days to Update: 8	Next Scheduled EDR Contact: 03/14/2016
	Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 09/08/2015
Date Data Arrived at EDR: 09/10/2015
Date Made Active in Reports: 10/12/2015
Number of Days to Update: 32

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/04/2015
Next Scheduled EDR Contact: 03/21/2016
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/30/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 09/08/2015
Date Data Arrived at EDR: 09/09/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 34

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 09/09/2015
Next Scheduled EDR Contact: 12/21/2015
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 68

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/25/2015	Source: Office of Emergency Services
Date Data Arrived at EDR: 10/27/2015	Telephone: 916-845-8400
Date Made Active in Reports: 11/16/2015	Last EDR Contact: 10/27/2015
Number of Days to Update: 20	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 10/21/2015	Source: State Water Quality Control Board
Date Data Arrived at EDR: 10/22/2015	Telephone: 866-480-1028
Date Made Active in Reports: 11/05/2015	Last EDR Contact: 10/22/2015
Number of Days to Update: 14	Next Scheduled EDR Contact: 12/28/2015
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 10/21/2015	Source: State Water Resources Control Board
Date Data Arrived at EDR: 10/22/2015	Telephone: 866-480-1028
Date Made Active in Reports: 11/05/2015	Last EDR Contact: 10/22/2015
Number of Days to Update: 14	Next Scheduled EDR Contact: 12/28/2015
	Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2015	Telephone: (415) 495-8895
Date Made Active in Reports: 09/16/2015	Last EDR Contact: 09/29/2015
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/11/2016
	Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 09/11/2015
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/21/2015
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/16/2015
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/25/2016
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/16/2015
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/25/2016
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 11/19/2015
Number of Days to Update: 54	Next Scheduled EDR Contact: 02/29/2016
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/01/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/03/2015	Telephone: 202-566-1917
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 11/13/2015
Number of Days to Update: 61	Next Scheduled EDR Contact: 02/29/2016
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 11/10/2015
Number of Days to Update: 88	Next Scheduled EDR Contact: 02/22/2016
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/03/2015	Telephone: 703-308-4044
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 11/13/2015
Number of Days to Update: 6	Next Scheduled EDR Contact: 02/22/2016
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2012	Source: EPA
Date Data Arrived at EDR: 01/15/2015	Telephone: 202-260-5521
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 09/25/2015
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/04/2016
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2013	Source: EPA
Date Data Arrived at EDR: 02/12/2015	Telephone: 202-566-0250
Date Made Active in Reports: 06/02/2015	Last EDR Contact: 11/24/2015
Number of Days to Update: 110	Next Scheduled EDR Contact: 03/07/2016
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 10/26/2015
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/08/2016
	Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 11/25/2013	Source: EPA
Date Data Arrived at EDR: 12/12/2013	Telephone: 703-416-0223
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 09/11/2015
Number of Days to Update: 74	Next Scheduled EDR Contact: 12/21/2015
	Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/26/2015	Telephone: 202-564-8600
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 10/26/2015
Number of Days to Update: 69	Next Scheduled EDR Contact: 02/08/2016
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 11/13/2015
Number of Days to Update: 3	Next Scheduled EDR Contact: 02/22/2016
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 07/01/2014	Source: EPA
Date Data Arrived at EDR: 10/15/2014	Telephone: 202-566-0500
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 10/29/2015
Number of Days to Update: 33	Next Scheduled EDR Contact: 01/25/2016
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 01/23/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/06/2015	Telephone: 202-564-5088
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 10/08/2015
Number of Days to Update: 31	Next Scheduled EDR Contact: 01/25/2016
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/18/2015
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/07/2016
	Data Release Frequency: Quarterly

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

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/18/2015
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/07/2016
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

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

Date of Government Version: 06/26/2015	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/10/2015	Telephone: 301-415-7169
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 09/03/2015
Number of Days to Update: 95	Next Scheduled EDR Contact: 12/21/2015
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 07/13/2015
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/11/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/21/2015
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 10/29/2015
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/08/2016
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/07/2015
Date Data Arrived at EDR: 07/09/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/07/2015
Next Scheduled EDR Contact: 01/18/2016
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

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

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

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/07/2015
Next Scheduled EDR Contact: 02/15/2016
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/28/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/24/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/16/2015
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/25/2016
	Data Release Frequency: Semi-Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 11/19/2015
Number of Days to Update: 146	Next Scheduled EDR Contact: 03/07/2016
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/26/2014	Telephone: 703-603-8787
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 10/05/2015
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/18/2016
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust.

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 07/22/2015	Source: EPA
Date Data Arrived at EDR: 07/24/2015	Telephone: 202-564-2496
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 09/28/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/11/2016
	Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 07/22/2015	Source: EPA
Date Data Arrived at EDR: 07/24/2015	Telephone: 202-564-2496
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 09/28/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/11/2016
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES: Mines Master Index File

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

Date of Government Version: 05/14/2015	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 06/03/2015	Telephone: 303-231-5959
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 12/03/2015
Number of Days to Update: 91	Next Scheduled EDR Contact: 03/14/2016
	Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 12/04/2015
Number of Days to Update: 49	Next Scheduled EDR Contact: 03/14/2016
	Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 12/04/2015
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/14/2016
	Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 07/20/2015	Source: EPA
Date Data Arrived at EDR: 09/09/2015	Telephone: (415) 947-8000
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 09/09/2015
Number of Days to Update: 55	Next Scheduled EDR Contact: 12/21/2015
	Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/28/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 11/05/2015
Number of Days to Update: 37

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/10/2015
Date Data Arrived at EDR: 08/27/2015
Date Made Active in Reports: 10/01/2015
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 12/04/2015
Next Scheduled EDR Contact: 03/21/2016
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 09/25/2015
Date Made Active in Reports: 11/05/2015
Number of Days to Update: 41

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/25/2015
Next Scheduled EDR Contact: 01/04/2016
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/24/2015
Date Data Arrived at EDR: 08/26/2015
Date Made Active in Reports: 10/01/2015
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 08/03/2015
Date Data Arrived at EDR: 08/06/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/17/2015
Date Data Arrived at EDR: 08/18/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 16

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/13/2015
Next Scheduled EDR Contact: 02/29/2016
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 35

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/14/2015
Next Scheduled EDR Contact: 01/25/2016
Data Release Frequency: Annually

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/24/2015
Date Data Arrived at EDR: 08/26/2015
Date Made Active in Reports: 10/01/2015
Number of Days to Update: 36

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/24/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 10/14/2015
Date Made Active in Reports: 11/19/2015
Number of Days to Update: 36

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/14/2015
Next Scheduled EDR Contact: 01/25/2016
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/14/2015
Date Data Arrived at EDR: 09/15/2015
Date Made Active in Reports: 10/14/2015
Number of Days to Update: 29

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/15/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 09/03/2015
Date Data Arrived at EDR: 09/09/2015
Date Made Active in Reports: 10/12/2015
Number of Days to Update: 33

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 09/09/2015
Next Scheduled EDR Contact: 12/21/2015
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/17/2015	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/18/2015	Telephone: 916-445-9379
Date Made Active in Reports: 09/11/2015	Last EDR Contact: 11/18/2015
Number of Days to Update: 24	Next Scheduled EDR Contact: 02/29/2016
	Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 09/08/2015	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 09/09/2015	Telephone: 916-445-4038
Date Made Active in Reports: 10/12/2015	Last EDR Contact: 09/09/2015
Number of Days to Update: 33	Next Scheduled EDR Contact: 12/21/2015
	Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/14/2015	Source: Department of Conservation
Date Data Arrived at EDR: 09/15/2015	Telephone: 916-323-3836
Date Made Active in Reports: 10/14/2015	Last EDR Contact: 09/15/2015
Number of Days to Update: 29	Next Scheduled EDR Contact: 12/28/2015
	Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 08/04/2015	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/25/2015	Telephone: 916-445-3846
Date Made Active in Reports: 10/05/2015	Last EDR Contact: 11/16/2015
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/04/2016
	Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 07/23/2015	Source: Department of Conservation
Date Data Arrived at EDR: 09/15/2015	Telephone: 916-445-2408
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 09/15/2015
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/28/2015
	Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board's review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 04/15/2015	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 04/17/2015	Telephone: 559-445-5577
Date Made Active in Reports: 06/23/2015	Last EDR Contact: 10/16/2015
Number of Days to Update: 67	Next Scheduled EDR Contact: 01/25/2016
	Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 09/28/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/09/2015
Date Data Arrived at EDR: 10/13/2015
Date Made Active in Reports: 11/16/2015
Number of Days to Update: 34

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/09/2015
Next Scheduled EDR Contact: 01/25/2016
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/09/2015
Date Data Arrived at EDR: 10/13/2015
Date Made Active in Reports: 11/19/2015
Number of Days to Update: 37

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/09/2015
Next Scheduled EDR Contact: 01/25/2016
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa Facility List

Date of Government Version: 08/24/2015
Date Data Arrived at EDR: 09/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 35

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 12/04/2015
Next Scheduled EDR Contact: 03/21/2016
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 11/20/2014
Date Data Arrived at EDR: 11/24/2014
Date Made Active in Reports: 01/07/2015
Number of Days to Update: 44

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 11/23/2015
Next Scheduled EDR Contact: 01/25/2016
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 10/22/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 11/16/2015
Number of Days to Update: 24

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/28/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 06/08/2015
Date Data Arrived at EDR: 09/22/2015
Date Made Active in Reports: 10/14/2015
Number of Days to Update: 22

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 11/09/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/24/2015
Date Data Arrived at EDR: 08/25/2015
Date Made Active in Reports: 10/01/2015
Number of Days to Update: 37

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 11/07/2015
Next Scheduled EDR Contact: 02/15/2016
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa Facility list

Date of Government Version: 05/20/2015
Date Data Arrived at EDR: 08/03/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 31

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 11/13/2015
Next Scheduled EDR Contact: 02/15/2016
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 09/23/2015
Date Data Arrived at EDR: 09/25/2015
Date Made Active in Reports: 10/15/2015
Number of Days to Update: 20

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 11/07/2015
Next Scheduled EDR Contact: 02/15/2016
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/15/2015
Date Data Arrived at EDR: 10/15/2015
Date Made Active in Reports: 11/16/2015
Number of Days to Update: 32

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 10/05/2015
Next Scheduled EDR Contact: 01/18/2016
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/04/2015
Date Data Arrived at EDR: 08/07/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 27

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/12/2015
Next Scheduled EDR Contact: 12/07/2015
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 08/11/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 20

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

INYO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 05/19/2015
Date Data Arrived at EDR: 06/18/2015
Date Made Active in Reports: 07/22/2015
Number of Days to Update: 34

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/25/2015
Date Data Arrived at EDR: 08/27/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 34

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 08/11/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 20

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/19/2015
Next Scheduled EDR Contact: 02/01/2016
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 09/21/2015
Next Scheduled EDR Contact: 01/04/2016
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/24/2014	Source: Department of Public Works
Date Data Arrived at EDR: 01/30/2015	Telephone: 626-458-3517
Date Made Active in Reports: 03/04/2015	Last EDR Contact: 10/09/2015
Number of Days to Update: 33	Next Scheduled EDR Contact: 01/25/2016
	Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/19/2015	Source: La County Department of Public Works
Date Data Arrived at EDR: 10/20/2015	Telephone: 818-458-5185
Date Made Active in Reports: 11/19/2015	Last EDR Contact: 10/20/2015
Number of Days to Update: 30	Next Scheduled EDR Contact: 02/01/2016
	Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2015	Source: Engineering & Construction Division
Date Data Arrived at EDR: 07/27/2015	Telephone: 213-473-7869
Date Made Active in Reports: 08/10/2015	Last EDR Contact: 10/19/2015
Number of Days to Update: 14	Next Scheduled EDR Contact: 02/01/2016
	Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/15/2015	Source: Community Health Services
Date Data Arrived at EDR: 01/29/2015	Telephone: 323-890-7806
Date Made Active in Reports: 03/10/2015	Last EDR Contact: 10/19/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 02/01/2016
	Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/02/2015	Telephone: 310-524-2236
Date Made Active in Reports: 04/13/2015	Last EDR Contact: 10/19/2015
Number of Days to Update: 11	Next Scheduled EDR Contact: 02/01/2016
	Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/03/2015	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 05/26/2015	Telephone: 562-570-2563
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 10/26/2015
Number of Days to Update: 16	Next Scheduled EDR Contact: 02/08/2016
	Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/13/2015	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 10/14/2015	Telephone: 310-618-2973
Date Made Active in Reports: 12/01/2015	Last EDR Contact: 10/09/2015
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/25/2016
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 09/15/2015	Source: Madera County Environmental Health
Date Data Arrived at EDR: 09/17/2015	Telephone: 559-675-7823
Date Made Active in Reports: 10/14/2015	Last EDR Contact: 11/18/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/07/2016
	Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 10/05/2015	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/08/2015	Telephone: 415-499-6647
Date Made Active in Reports: 10/15/2015	Last EDR Contact: 10/05/2015
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/18/2016
	Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 09/21/2015	Source: Merced County Environmental Health
Date Data Arrived at EDR: 09/22/2015	Telephone: 209-381-1094
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 11/18/2015
Number of Days to Update: 42	Next Scheduled EDR Contact: 03/07/2016
	Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 09/02/2015	Source: Mono County Health Department
Date Data Arrived at EDR: 09/04/2015	Telephone: 760-932-5580
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 11/23/2015
Number of Days to Update: 39	Next Scheduled EDR Contact: 03/14/2016
	Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/30/2015	Source: Monterey County Health Department
Date Data Arrived at EDR: 07/07/2015	Telephone: 831-796-1297
Date Made Active in Reports: 07/16/2015	Last EDR Contact: 11/18/2015
Number of Days to Update: 9	Next Scheduled EDR Contact: 03/07/2016
	Data Release Frequency: Varies

NAPA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 12/06/2011	Telephone: 707-253-4269
Date Made Active in Reports: 02/07/2012	Last EDR Contact: 11/23/2015
Number of Days to Update: 63	Next Scheduled EDR Contact: 03/14/2016
	Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 01/16/2008	Telephone: 707-253-4269
Date Made Active in Reports: 02/08/2008	Last EDR Contact: 11/23/2015
Number of Days to Update: 23	Next Scheduled EDR Contact: 03/14/2016
	Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 06/03/2015	Source: Community Development Agency
Date Data Arrived at EDR: 06/04/2015	Telephone: 530-265-1467
Date Made Active in Reports: 07/22/2015	Last EDR Contact: 11/06/2015
Number of Days to Update: 48	Next Scheduled EDR Contact: 02/15/2016
	Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 08/01/2015	Source: Health Care Agency
Date Data Arrived at EDR: 08/10/2015	Telephone: 714-834-3446
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 11/10/2015
Number of Days to Update: 24	Next Scheduled EDR Contact: 02/22/2016
	Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/03/2015	Source: Health Care Agency
Date Data Arrived at EDR: 08/10/2015	Telephone: 714-834-3446
Date Made Active in Reports: 09/11/2015	Last EDR Contact: 11/10/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 02/22/2016
	Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2015	Source: Health Care Agency
Date Data Arrived at EDR: 08/11/2015	Telephone: 714-834-3446
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 11/11/2015
Number of Days to Update: 23	Next Scheduled EDR Contact: 02/22/2016
	Data Release Frequency: Quarterly

PLACER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/08/2015	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 09/08/2015	Telephone: 530-745-2363
Date Made Active in Reports: 10/14/2015	Last EDR Contact: 12/04/2015
Number of Days to Update: 36	Next Scheduled EDR Contact: 03/21/2016
	Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/26/2015	Source: Department of Environmental Health
Date Data Arrived at EDR: 10/28/2015	Telephone: 951-358-5055
Date Made Active in Reports: 11/19/2015	Last EDR Contact: 09/21/2015
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/04/2016
	Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/26/2015	Source: Department of Environmental Health
Date Data Arrived at EDR: 10/28/2015	Telephone: 951-358-5055
Date Made Active in Reports: 11/19/2015	Last EDR Contact: 09/21/2015
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/04/2016
	Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/03/2015	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 10/06/2015	Telephone: 916-875-8406
Date Made Active in Reports: 11/16/2015	Last EDR Contact: 10/06/2015
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/18/2016
	Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/03/2015	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 10/06/2015	Telephone: 916-875-8406
Date Made Active in Reports: 11/06/2015	Last EDR Contact: 10/06/2015
Number of Days to Update: 31	Next Scheduled EDR Contact: 01/18/2016
	Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 07/14/2015
Number of Days to Update: 7

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/09/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/04/2015
Next Scheduled EDR Contact: 03/21/2016
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2014
Date Data Arrived at EDR: 11/21/2014
Date Made Active in Reports: 12/29/2014
Number of Days to Update: 38

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 12/04/2015
Next Scheduled EDR Contact: 03/21/2016
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 11/09/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/09/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 09/23/2015	Source: Environmental Health Department
Date Data Arrived at EDR: 09/25/2015	Telephone: N/A
Date Made Active in Reports: 10/15/2015	Last EDR Contact: 09/21/2015
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/04/2016
	Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 08/25/2015	Source: San Luis Obispo County Public Health Department
Date Data Arrived at EDR: 08/27/2015	Telephone: 805-781-5596
Date Made Active in Reports: 09/30/2015	Last EDR Contact: 12/04/2015
Number of Days to Update: 34	Next Scheduled EDR Contact: 03/07/2016
	Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 10/14/2015	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 10/15/2015	Telephone: 650-363-1921
Date Made Active in Reports: 11/16/2015	Last EDR Contact: 09/14/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 12/28/2015
	Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 09/16/2015	Source: San Mateo County Environmental Health Services Division
Date Data Arrived at EDR: 09/17/2015	Telephone: 650-363-1921
Date Made Active in Reports: 11/05/2015	Last EDR Contact: 09/14/2015
Number of Days to Update: 49	Next Scheduled EDR Contact: 12/28/2015
	Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011	Source: Santa Barbara County Public Health Department
Date Data Arrived at EDR: 09/09/2011	Telephone: 805-686-8167
Date Made Active in Reports: 10/07/2011	Last EDR Contact: 11/18/2015
Number of Days to Update: 28	Next Scheduled EDR Contact: 03/07/2016
	Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/24/2015
Date Data Arrived at EDR: 08/28/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 67

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/23/2015
Next Scheduled EDR Contact: 03/14/2016
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/10/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 20

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 08/25/2015
Date Data Arrived at EDR: 08/26/2015
Date Made Active in Reports: 10/01/2015
Number of Days to Update: 36

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 09/15/2015
Date Data Arrived at EDR: 09/17/2015
Date Made Active in Reports: 11/05/2015
Number of Days to Update: 49

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Varies

SOLANO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 09/02/2015	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 09/17/2015	Telephone: 707-784-6770
Date Made Active in Reports: 11/05/2015	Last EDR Contact: 09/10/2015
Number of Days to Update: 49	Next Scheduled EDR Contact: 12/28/2015
	Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/02/2015	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 09/18/2015	Telephone: 707-784-6770
Date Made Active in Reports: 10/15/2015	Last EDR Contact: 09/10/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/28/2015
	Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

Date of Government Version: 09/28/2015	Source: County of Sonoma Fire & Emergency Services Department
Date Data Arrived at EDR: 09/30/2015	Telephone: 707-565-1174
Date Made Active in Reports: 11/05/2015	Last EDR Contact: 09/28/2015
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/11/2016
	Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/01/2015	Source: Department of Health Services
Date Data Arrived at EDR: 10/02/2015	Telephone: 707-565-6565
Date Made Active in Reports: 11/05/2015	Last EDR Contact: 09/28/2015
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/11/2016
	Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/05/2015	Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 06/09/2015	Telephone: 530-822-7500
Date Made Active in Reports: 07/06/2015	Last EDR Contact: 12/04/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/21/2016
	Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 07/13/2015	Source: Division of Environmental Health
Date Data Arrived at EDR: 07/28/2015	Telephone: 209-533-5633
Date Made Active in Reports: 08/03/2015	Last EDR Contact: 10/26/2015
Number of Days to Update: 6	Next Scheduled EDR Contact: 02/08/2016
	Data Release Frequency: Varies

VENTURA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 07/27/2015	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 08/17/2015	Telephone: 805-654-2813
Date Made Active in Reports: 09/03/2015	Last EDR Contact: 08/12/2015
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/30/2015
	Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 10/02/2015
Number of Days to Update: 49	Next Scheduled EDR Contact: 01/18/2016
	Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 11/13/2015
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/29/2016
	Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/28/2015	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 10/28/2015	Telephone: 805-654-2813
Date Made Active in Reports: 11/19/2015	Last EDR Contact: 10/26/2015
Number of Days to Update: 22	Next Scheduled EDR Contact: 02/08/2016
	Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/26/2015	Source: Environmental Health Division
Date Data Arrived at EDR: 09/15/2015	Telephone: 805-654-2813
Date Made Active in Reports: 10/15/2015	Last EDR Contact: 09/15/2015
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/28/2015
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 10/19/2015	Source: Yolo County Department of Health
Date Data Arrived at EDR: 10/27/2015	Telephone: 530-666-8646
Date Made Active in Reports: 11/19/2015	Last EDR Contact: 10/19/2015
Number of Days to Update: 23	Next Scheduled EDR Contact: 01/18/2016
	Data Release Frequency: Annually

YUBA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 08/04/2015
Date Data Arrived at EDR: 08/07/2015
Date Made Active in Reports: 09/03/2015
Number of Days to Update: 27

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 11/13/2015
Next Scheduled EDR Contact: 02/15/2016
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/16/2015
Next Scheduled EDR Contact: 02/29/2016
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/13/2015
Next Scheduled EDR Contact: 01/25/2016
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/06/2015
Date Made Active in Reports: 08/24/2015
Number of Days to Update: 18

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/08/2015
Next Scheduled EDR Contact: 02/15/2016
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/18/2015
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/19/2015
Next Scheduled EDR Contact: 02/01/2016
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/19/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/10/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game
Telephone: 916-445-0411

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

LINCOLN MEADOWS
NWC VIRGINA TOWN AND HUNGRY HOLLOW ROAD
LINCOLN, CA 95648

TARGET PROPERTY COORDINATES

Latitude (North): 38.903 - 38° 54' 10.80"
Longitude (West): 121.2678 - 121° 16' 4.08"
Universal Tranverse Mercator: Zone 10
UTM X (Meters): 650207.6
UTM Y (Meters): 4307231.0
Elevation: 209 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 5619728 LINCOLN, CA
Version Date: 2012

Northeast Map: 5619714 GOLD HILL, CA
Version Date: 2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

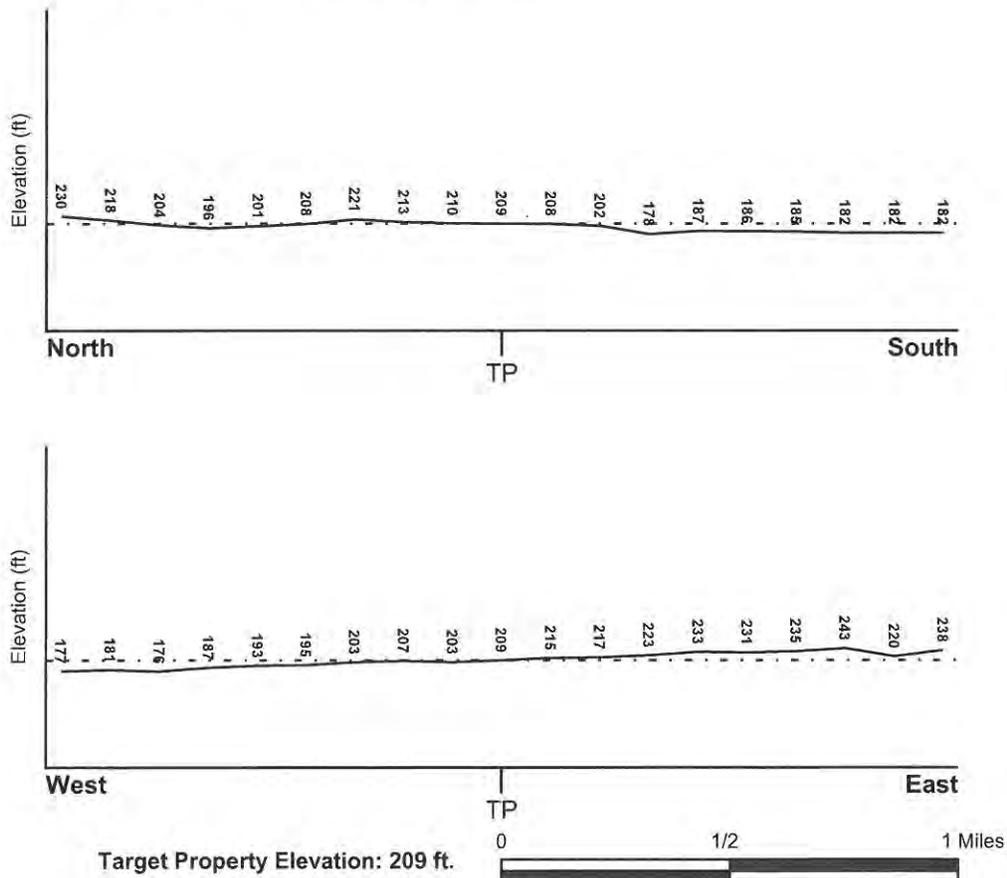
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
PLACER, CA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0602390425C - FEMA Q3 Flood data

Additional Panels in search area: 0602410004B - FEMA Q3 Flood data
0602390403C - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
LINCOLN

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

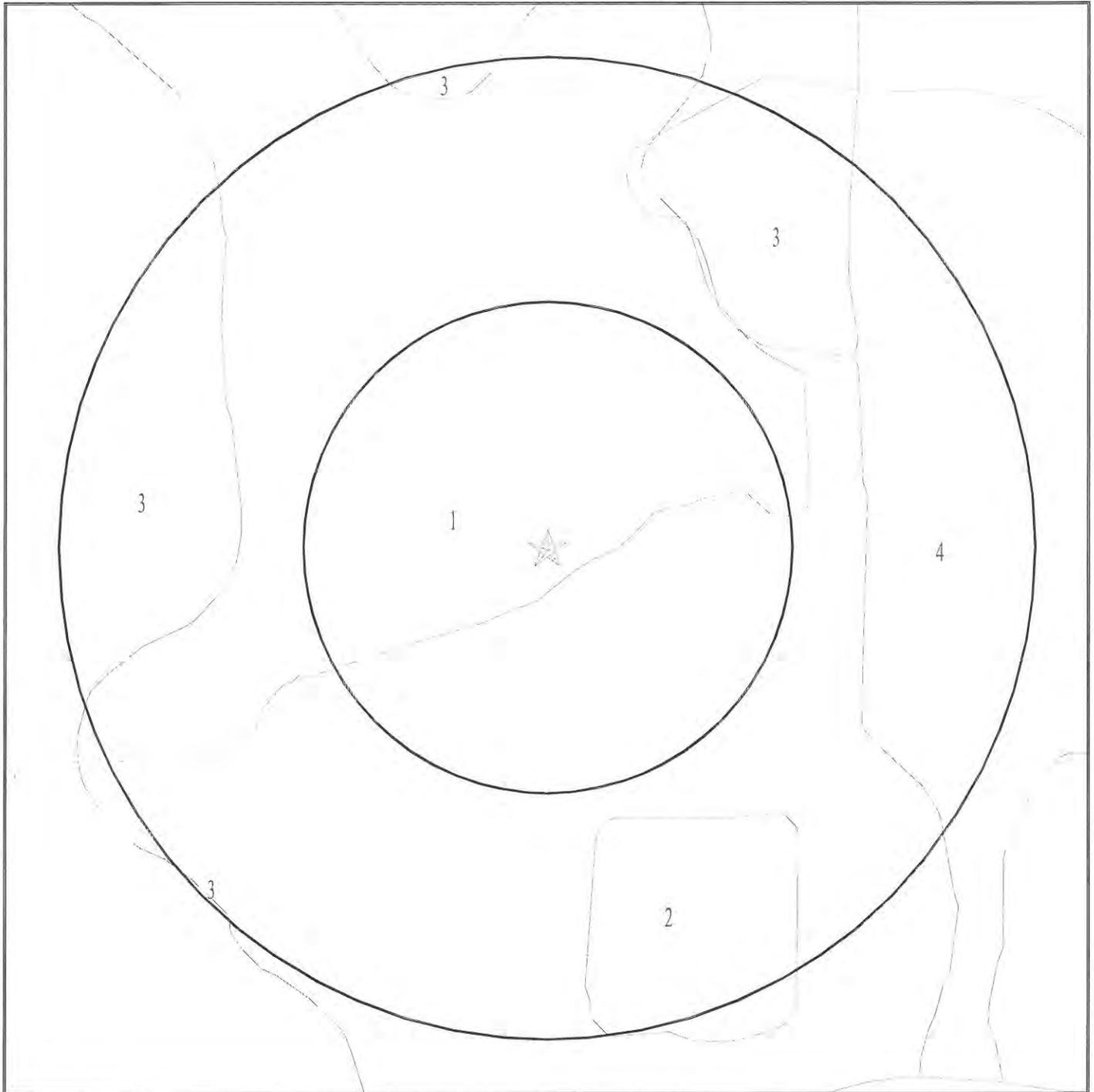
Era:	Mesozoic
System:	Jurassic
Series:	Jurassic
Code:	Jg (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Jurassic granitic rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 4485881.2s



- ★ Target Property
- / SSURGO Soil
- / Water



SITE NAME: Lincoln Meadows
ADDRESS: NWC Virginia Town and Hungry Hollow Road
Lincoln CA 95648
LAT/LONG: 38.903 / 121.2678

CLIENT: Construction Testing & Eng.
CONTACT: Robert Moore
INQUIRY #: 4485881.2s
DATE: December 07, 2015 8:11 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: SAN JOAQUIN

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6.5 Min: 5.6
2	14 inches	35 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 7.8 Min: 6.1
3	35 inches	50 inches	indurated	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
4	50 inches	59 inches	stratified sandy loam to loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 7.8 Min: 6.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: PITS AND DUMPS

Soil Surface Texture: variable

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 3

Soil Component Name: REDDING

Soil Surface Texture: gravelly loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14 Min: 4	Max: 6 Min: 5.1
2	14 inches	27 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.42 Min: 0.01	Max: 6 Min: 4.5
3	27 inches	31 inches	indurated	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 4

Soil Component Name: RUBBLE LAND

Soil Surface Texture: fragmental material

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	fragmental material	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 141 Min: 141	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40000190593	1/4 - 1/2 Mile NE
2	USGS40000190602	1/4 - 1/2 Mile NNW
3	USGS40000190570	1/4 - 1/2 Mile WSW
4	USGS40000190608	1/2 - 1 Mile NNW
5	USGS40000190566	1/2 - 1 Mile SW
8	USGS40000190575	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

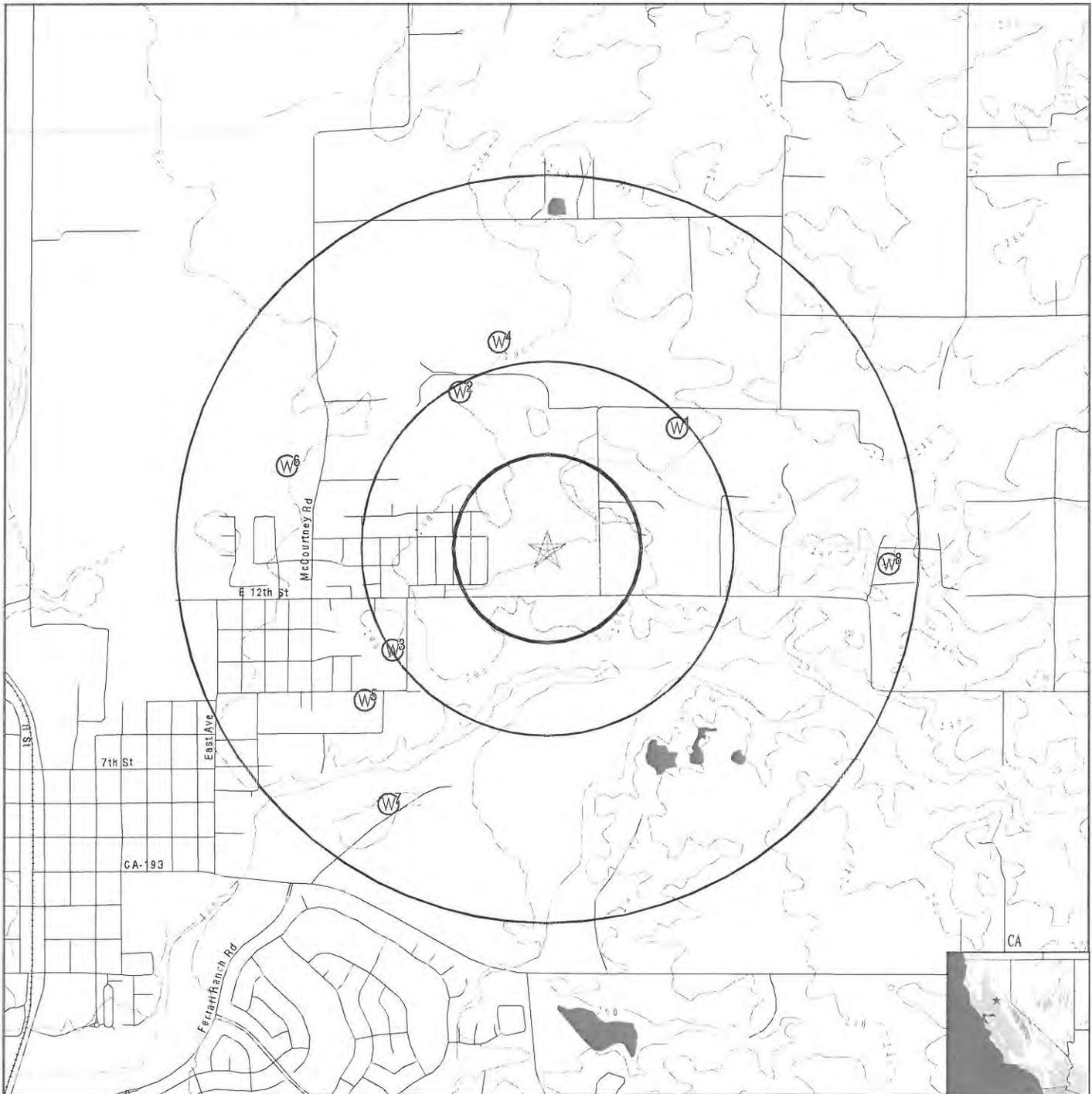
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
6	CADW60000030109	1/2 - 1 Mile WNW
7	CADW60000030110	1/2 - 1 Mile SSW

PHYSICAL SETTING SOURCE MAP - 4485881.2s



County Boundary

Major Roads

Contour Lines

Earthquake Fault Lines

Earthquake epicenter, Richter 5 or greater

Water Wells

Public Water Supply Wells

Cluster of Multiple Icons

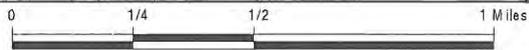
Groundwater Flow Direction

Indeterminate Groundwater Flow at Location

Groundwater Flow Varies at Location

Closest Hydrogeological Data

Oil, gas or related wells



SITE NAME: Lincoln Meadows
 ADDRESS: NWC Virginia Town and Hungry Hollow Road
 Lincoln CA 95648
 LAT/LONG: 38.903 / 121.2678

CLIENT: Construction Testing & Eng.
 CONTACT: Robert Moore
 INQUIRY #: 4485881.2s
 DATE: December 07, 2015 8:11 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
NE
1/4 - 1/2 Mile
Higher **FED USGS** **USGS40000190593**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-385428121153701		
Monloc name:	012N006E12E001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18020109	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	38.9076759
Longitude:	-121.2613406	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	209.00
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19780906	Welldepth:	80
Welldepth units:	ft	Wellholedepth:	80
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1982-06-29	5.44	

2
NNW
1/4 - 1/2 Mile
Lower **FED USGS** **USGS40000190602**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-385433121161601		
Monloc name:	012N006E11B001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18020109	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	38.9090647
Longitude:	-121.2721742	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	201.00
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Central Valley aquifer system		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	145
Construction date:	19780614	Wellholeddepth:	145
Welldepth units:	ft		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1982-06-29	6.45	

3

WSW
1/4 - 1/2 Mile
Lower

FED USGS USGS40000190570

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-385357121162801		
Monloc name:	012N006E11Q001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18020109	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	38.8990649
Longitude:	-121.2755075	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	196.00
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Central Valley aquifer system		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19801223	Welldepth:	150
Welldepth units:	ft	Wellholeddepth:	150
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-06-29	35.14		1980-12-23	90.00	

4

NNW
1/2 - 1 Mile
Lower

FED USGS USGS40000190608

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-385440121160901		
Monloc name:	012N006E11A001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18020109	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	38.9110091
Longitude:	-121.2702298	Sourcemap scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	201.00
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Central Valley aquifer system		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19770821	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	150
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

5
SW
1/2 - 1 Mile
Lower

FED USGS USGS40000190566

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-385350121163301		
Monloc name:	012N006E14C001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18020109	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	38.8971205
Longitude:	-121.2768964	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	196.00
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Central Valley aquifer system		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19801016	Welldepth:	130
Welldepth units:	ft	Wellholedepth:	130
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-06-28	39.71		1980-10-16	50.00	

6
WNW
1/2 - 1 Mile
Lower

CA WELLS CADW60000030109

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid: 30109
 Latitude: 38.9062
 Longitude: -121.2808
 Site code: 389062N1212808W001
 State well numbe: 12N06E11E001M
 Local well name: "
 Well use id: 4
 Well use descrip: Residential
 County id: 31
 County name: Placer
 Basin code: '5-21.64'
 Basin desc: North American
 Dwr region id: 80236
 Dwr region: North Central Region Office
 Site id: CADW60000030109

7
SSW
1/2 - 1 Mile
Lower

CA WELLS CADW60000030110

Objectid: 30110
 Latitude: 38.8931
 Longitude: -121.2757
 Site code: 388931N1212757W001
 State well numbe: 12N06E14F001M
 Local well name: "
 Well use id: 6
 Well use descrip: Unknown
 County id: 31
 County name: Placer
 Basin code: '5-21.64'
 Basin desc: North American
 Dwr region id: 80236
 Dwr region: North Central Region Office
 Site id: CADW60000030110

8
East
1/2 - 1 Mile
Higher

FED USGS USGS40000190575

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-385404121145901		
Monloc name:	012N006E12R001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18020109	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	38.9023983
Longitude:	-121.2507847	Sourcemap scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	248.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Basement Complex of Pretertiary Age		
Aquifer type:	Not Reported		
Construction date:	19770923	Welldepth:	95
Welldepth units:	ft	Wellholedepth:	95
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-06-30	10.99		1977-09-23	20.00	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95648	20	0

Federal EPA Radon Zone for PLACER County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 95648

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.000 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX C

SANBORN MAPS