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March 2, 2009

371322.DI.DR

Mr. Rod Jones
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814-5512

Subject: Lodi Energy Center (08-AFC-10)
Data Response Set 1C, Responses to CEC Staff Data Requests 52 and 56

Dear Mr. Jones:

Attached please find one original and 12 copies of Northern California Power Agency's responses to California Energy Commission Staff Data Requests 52 and 56 for the Application for Certification for the Lodi Energy Center (08-AFC-10).

If you have any questions about this matter, please contact me at (916) 286-0249 or Andrea Grenier at (916) 780-1171.

Sincerely,

CH2M HILL

Sarah Madams
AFC Project Manager

Attachment

cc: A. Grenier
E. Warner/NCPA

Application for Certification

Data Responses, Set 1C
(Responses to Data Requests 52 and 56)

LODI ENERGY CENTER

March 2009

EY062008001SAC

Submitted by

NCPA
NORTHERN CALIFORNIA POWER AGENCY

Submitted to

California Energy Commission

With Technical Assistance by

CH2MHILL

Lodi Energy Center Project

(08-AFC-10)

Data Responses, Set 1C

(Response to Data Requests 52 and 56)

Submitted to

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Northern California Power Agency

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CH2MHILL
2485 Natomas Park Drive
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March 2009

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Introduction

Attached are Northern California Power Agency's (NCPA) responses to the California Energy Commission (CEC) Data Request Set 1 (numbers 1 through 55) regarding the Lodi Energy Center Project's (LEC) (08-AFC-10) Application for Certification (AFC).

The responses are grouped by individual discipline or topic area. Within each discipline area, the responses are presented in the same order as the CEC presented them and are keyed to the Data Request numbers (1 through 56)[1]. New or revised graphics or tables are numbered in reference to the Data Request number. For example, the first table used in response to Data Request 36 would be numbered Table DR36-1. The first figure used in response to Data Request 42 would be Figure DR42-1, and so on.

Additional tables, figures, or documents submitted in response to a data request or workshop query (supporting data, stand-alone documents such as plans, folding graphics, etc.) are found at the end of each discipline-specific section and are not sequentially page-numbered consistently with the remainder of the document, though they may have their own internal page numbering system.

[1] The Waste Management Data Requests were misnumbered in the original Data Request package. Data Request 52 has been added, increasing the number of Data Requests from 55 to 56.

Waste Management (52 & 56)

Background

The Phase I ESA found that in the past the proposed project site was used for agricultural purposes. The property was also used in the late 1980s and 2003 for stockpiling biosolids/sludge removed from the White Slough Water Pollution Control Facility treatment and holding ponds (page 2-1). Common agricultural practices can result in residual concentrations of fertilizers, pesticides or herbicides in near-surface soil. To ensure that the concentrations of various chemicals do not pose a potential health risk or hazard, the project owners should provide soil sampling of the parcel/project site.

The Phase I Environmental Site Assessment (ESA) did not identify any recognized environmental conditions, thereby eliminating the need for a Phase II ESA. Although a Phase II ESA was not completed, staff believes that given these past land uses and proposed construction the project owner should verify that no harmful concentrations of any contaminants will be encountered at the proposed project site. The California Department of Toxic Substances Control (DTSC) has prepared the "Interim Guidance for Sampling Agricultural Fields for School Sites (Second Revision August 26, 2002)". Staff believes this guidance or equivalent may be appropriate and useful for further site analysis.

Protocol

The project owner should determine if there is any analytical characterization data for the agriculture chemicals and biosolids that were applied to the land. Samples should be assessed for persistent agricultural chemicals, such as organochlorine pesticides and other analyses that might be indicated by a review of the characterization data associated with the sludge that was applied to the project property. These data would be used to determine a reasonable analytical suite for samples. The project owner should sample for CAM 17 metals (the 17 California regulated metals), and organochlorine pesticides in addition to the other chemicals. The AFC describes the size of the project as either 2.6 or 4.4 acres. Sampling protocol for projects that are between two to four acres in size require a sample frequency of eight locations, evenly spaced across the site. For sites greater than four acres and up to 20 acres, discrete samples should be collected on ½-acre centers. Each location should be sampled to include one surface sample (0 to 6 inches) and one subsurface sample (2 to 3 foot range).

Data Request

52. a. Please provide results of field sampling and analysis which adequately characterize the presence of harmful chemicals or conditions.

    b. Please discuss whether there will be any risk to construction or plant personnel due to the presence of these chemicals.

Response: Field sampling at the project site occurred on February 2, 2009. A brief technical memorandum identifying the sampling results and potential risk to construction or plant personnel is provided as Attachment DR52-1.

Data Request

56. Please identify the type of crops grown over as long a period as records indicate, the historical use and identity of pesticides (including organic and inorganic pesticides as well as herbicides), and a statement of the likelihood of finding levels of pesticides along the pipeline/transmission route that might present a risk to pipeline workers and/or the public.

Response: Current crops along the gas line route include hay, alfalfa, and a small area of vineyards. The San Joaquin County Agricultural Commission has provided a list of historical crops and pesticide use along the gas line route, which is provided as Attachment DR56-1.

ATTACHMENT DR52-1

Preliminary Phase II Soil Sampling Results

Lodi Energy Center Preliminary Phase II Environmental Site Assessment Soil Sampling Results

TO: Sarah Madams / CH2M HILL

COPIES: file

FROM: Steve Long / CH2M HILL

DATE: February 26, 2009

PROJECT NUMBER: 371322.AP.PM

Introduction

Northern California Power Agency (NCPA) is proposing to construct a natural gas-fired electrical generating station identified as the Lodi Energy Center (LEC). The 4.4-acre project site is approximately 6 miles west of the Lodi city center and 2 miles north of the city of Stockton (Figure 1). The project site is undeveloped and currently is used for equipment storage during upgrades to the City of Lodi's White Slough Water Pollution Control Facility (WPCF). The site is bounded on the east by the WPCF; on the north by treatment and holding ponds associated with the WPCF; on the west by the existing 49-megawatt NCPA Combustion Turbine Project #2 (STIG plant); and on the south by the San Joaquin County Mosquito and Vector Control facility.

A Phase I Environmental Site Assessment (ESA), dated June 30, 2008, was prepared for the subject property by Carlton Engineering, Inc. Recognized environmental conditions (RECs) reported in that document included two automotive batteries, and some drums of concrete curing compound and lubricating compounds. These materials have since been removed from the site. Other RECs included wastewater pond sludge piles in the northern part of the site and a small area of soil staining in the central portion of the site. The project site is located in an area that is predominantly used for commercial agriculture.

Purpose

This memorandum summarizes the activities performed to address the California Energy Commission (CEC) Data Request number 52 from the Data Request Set 1A (numbers 1 through 55) regarding the LEC's Application for Certification (08-AFC-10). Specifically, the CEC requested that NCPA provide the results of field soil sampling and analyses that adequately characterize the presence of harmful chemicals or conditions on the site. CEC also requested a discussion of possible risk to construction or plant personnel as a result of the presence of these chemicals.

This memorandum provides the basis for an initial screening of environmental site conditions at the proposed LEC site as they pertain to NCPA's decision to construct and operate a facility on the property. This preliminary assessment focuses on soils and does not address the conditions of other site environmental media (such as groundwater, surface

water, or sediment) and it does not establish the lateral or vertical limit of detected contamination. For these reasons, this memorandum does not constitute a full-scale Phase II ESA, as described in the *Standard Guide for Environmental Site Assessments: Phase II Environmental Site Assessment Process* (Designation E 1903-97) published by the American Society for Testing and Materials (ASTM, February 1998).

Methods

To address the CEC data request, a preliminary soil sampling and analysis program was performed to develop data associated with the RECs described in the Phase I ESA. The soil sampling was completed by Mr. Wilfred Akah of CH2M HILL on February 2, 2009.

Surface and subsurface soils in the northern and southern portions of the LEC site were analyzed for heavy metals to assess if there have been any impacts from the sediments taken from municipal wastewater treatment ponds. The soils were also analyzed for persistent agricultural pesticide chemicals to assess whether surrounding land uses could have affected soils on the project site.

Additionally, surface and subsurface soil samples were collected at the former locations of the automobile batteries and concrete curing compound container, the lubrication compound container, and the oil-stained soil area. These soil samples were tested for potential residual contaminants. The location of surface water discharge onto the site in the southeastern portion of the site was also tested for heavy metals, organochlorine pesticides, and polycyclic aromatic hydrocarbons (PAHs).

Soil sampling was performed in general accordance with the California Environmental Protection Agency Department of Toxic Substances Control (DTSC) *Interim Guidance for Sampling Agricultural Fields for School Sites (*Second Revision, August 26, 2002). While it is recognized that the proposed use of the LEC property is not for a school, this document provides conservative guidelines for characterizing soil conditions in agricultural fields.

Based on the DTSC guidance and size of the subject parcel, discrete samples were collected at seven locations (with one additional set of field duplicates) distributed throughout the property at the above-referenced features. An ortho-corrected aerial photography base map and field measurements were used to locate samples in the field (Figure 2). A sampling table was prepared to outline which samples would receive particular analyses and provide a form to record field descriptions of the samples (included as an attachment).

At all locations, samples were collected using a hand auger at two depths, near surface (0 to 6 inches) and subsurface (2 to 3 feet below ground surface). Six additional samples were collected at three locations in adjacent areas to use as background samples for metals. Based on this approach, a total of 22 soil samples were collected.

To prevent cross-contamination between samples, the hand auger was decontaminated according to standard procedures (tap water and Alconox scrub, followed by distilled water rinse) prior to collection of each sample. Soil samples were collected directly into laboratory-provided sample containers and chilled as soon as practical in an ice chest. The samples were kept chilled until they were received at the analytical laboratory under chain-of-custody procedures.

The soil samples corresponding to the former pond dredge area and the areas of surface water discharge onto the site were analyzed for persistent organochlorine pesticides using U.S. Environmental Protection Agency (EPA) Method SW8080A, and for CAM 17 metals (EPA Series 6000 and 7000 and SW7471 for mercury). Additionally, samples were collected at the former location of the automobile batteries and concrete curing compound container and analyzed for volatile organic compounds (VOCs) by EPA Method SW8260 in the subsurface sample only.

The locations of the former lubrication compound container and the oil-stained soil area were tested for total petroleum hydrocarbons (TPH) (TPH in motor oil range by EPA Method SW8015-mo) and for polycyclic aromatic hydrocarbons ([PAHs] by Method 8270-SIM) in both the surface and subsurface samples. The location of surface water discharge onto the site in the southeastern and southern portions of the site were tested for PAHs in the surface samples, in addition to analyses for heavy metals and organochlorine pesticides.

Upon receipt of the analytical data from the laboratory, the results were tabulated. Comparative screening-level criteria (where available for each analyte) were taken from sources such as the EPA Preliminary Remediation Goals (PRGs) and California Human Health Screening Levels (CHHSLs). Where comparative criteria were lacking in either the PRGs or the CHHSLs, the San Francisco Bay Regional Water Quality Control Board (SFB RWQCB, 2007) Environmental Screening Levels were used for comparison. This included criteria for many of the PAHs and TPH. The applicable Title 22 Hazardous Waste Criteria, where available, were also determined and used for comparison.

Results

The comparative values are summarized along with the analytical results for surface and subsurface soil samples on the LEC site in Table 1. A summary of the surface and subsurface soil analytical results for the background soils are also provided in this table. It should be noted that many of the screening criteria were lower than the corresponding method detection limits, so this represents an uncertainty for the comparisons because non-detected (U-flagged) constituents were not compared in Table 1. Approximate sample locations are shown on Figure 2. A copy of the field notes are included as an attachment to this memorandum.

Table 1 shows that onsite soils in the northern portion of the site where suspected wastewater pond sludge was deposited (Sample locations 01, 02, and 03) had metal concentrations that were in excess of the 95% upper confidence limit (UCL) for the background soil samples. Metals exceeding the 95% UCL background concentrations included all the CAM 17 metals except thallium. Apparently, higher concentrations of chromium, copper, lead, and nickel were detected at Sample Location 03 where automobile batteries had been previously observed during the Phase I ESA.

Metals exceeding the 95% UCL for background soils were also observed in the samples at the point of surface water runoff discharge onto the site (Sample Location 06) and in the southern portion of the site (Sample Location 07).

Table 1 also shows that organochlorine pesticide residues were detected at concentrations above comparative risk-based and hazardous waste criteria in the northern suspected pond sludge area (Sample Locations 01, 02, and 03), as well as the location of surface water runoff

discharge onto the site (Sample Location 06) and southern portion of the site (Sample Location 07). Residual organochlorine pesticides in excess of comparative criteria included alpha-BHC, gamma-chlordane, alpha-chlordane, 4,4'-DDE, 4,4'-DDD, 4,4'-DDT, and dieldrin. Again, the highest levels of the majority of the compounds were detected in soils from Sample Location 03 where gamma-chlordane, alpha-chlordane, 4,4'-DDE, and dieldrin exceeded both risk-based and hazardous waste criteria.

Metal and organochlorine pesticide concentrations were also detected in soils collected from the background soil locations at levels above the risk-based and hazardous waste criteria.

Testing for VOCs in subsurface soils beneath Sample Location 03 where concrete curing compounds had been observed during the Phase I ESA did not detected any VOCs above the method detection limits.

PAHs were detected above the risk-based criteria in surface and subsurface soils at the former storage location for lubricating compounds (Sample Location 04) and at the oil-stained area (Sample Location 05) noted in the Phase I ESA. In addition, PAHs were detected above the risk-based criteria in surface soils at the location of surface water runoff discharge onto the site (Sample Location 06) and southern portion of the site (Sample Location 07). PAHs detected in excess of the risk-based criteria included naphthalene, 2-methylnaphthalene, phenanthrene, anthracene, fluoranthene, pyrene, benz(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-c,d)pyrene, dibenzo(a,h)anthracene, and benzo(g,h,i) perylene.

Extractable TPH was also detected in surface and subsurface soils at Sample Locations 04 and 05. The detected concentrations did not exceed the comparative criteria (2,500 mg/kg) for shallow soils (less than 3 meters) from the San Francisco Bay Regional Water Quality Control Board (2008) Environmental Screening Levels for TPH-residual fuels.

Conclusions

The results of this preliminary soil sampling and analytical testing indicate that the LEC site has been affected by previous site activities including deposition of wastewater pond sludge, surface water runoff discharges from nearby areas, and from past storage of various materials such as concrete curing compounds, automobile batteries, and lubricating compounds. Those activities have resulted in residual contaminants (metals, organochlorine pesticides, PAHS, and TPHs) at the LEC site. The extent of the impacted soils was not determined by this preliminary sampling effort.

Some of these residual constituents are present at concentrations above the risk-based industrial soil criteria (EPA PRGs or DTSC CHHSLs). Some of the constituents are also present above the California Code of Regulations Title 22 total threshold limit concentration criteria for hazardous wastes. Some of the constituents exceed both risk-based and hazardous waste criteria. Based on these preliminary findings, there is a potential that exposure of construction workers and onsite industrial workers to surface and subsurface soils could result in adverse health effects.

CH2M HILL recommends the following:

- NCPA should notify the current landowner (City of Lodi) of these initial results. According to information obtained during the Phase I ESA, the proposed LEC property is not currently under regulatory agency mandate to address surface soil contamination. Given the nature of historical activities that resulted in the current site conditions, there is no apparent regulatory requirement for notification other than that required under the CEC review process.
- Unless otherwise indicated by regulatory feedback, prior to initiating construction activities, a Construction Soil Management Plan should be prepared to address issues of construction worker exposure and potential offsite impacts by wind and/or water erosion. The plan should be prepared in accordance with the regulatory requirements and can then be used by stakeholders (NCPA and construction contractors) for determining incremental construction costs associated with potentially harmful soil constituents during the bidding process. This plan would include specific actions to control construction worker exposures to onsite soil constituents (such as personal protective equipment, safe work practices, and engineered controls) and to limit offsite impacts (such as erosion and sedimentation controls).

The preliminary Phase II ESA activities described in this memorandum were completed in accordance with the scope of work described in CH2M HILL's letter proposal to NCPA, dated January 28, 2009, which was signed and received by CH2M HILL from NCPA on the same date. The approaches described in the scope of work are consistent with generally accepted standards of practice for environmental investigations. These types of investigations are based on the analytical testing for a limited number of analytes on a limited number of discrete soil samples

The sample locations were chosen to be representative of site conditions indicated by the RECs noted in the Phase I ESA. The analytical testing was designed to detect expected contaminants based on the same information. However, these investigations do not provide a warranty that other contaminants of a similar nature do not exist on other areas of the property that were not sampled. Increased certainty about overall environmental site conditions can be achieved with an increased amount of sampling and analyses, but the need for further site investigations should be based on NCPA's requirements for risk management relative to its real estate portfolio.

TABLE 1
Summary of Soil Analytical Results, Preliminary Phase II Environmental Site Assessment, Lodi Energy Center, Lodi, California

Sample ID	PRGs[1] Industrial Soil (mg/kg)	CHHSL's[2] or ESLs[4] Industrial Soil (mg/kg)	TTLC[3] Wet wt basis (mg/kg)	01-LEC-06	01-LEC-36	02-LEC-06	02-LEC-36	Field Duplicate 03-LEC-06	Field Duplicate 08-LEC-06	03-LEC-36	04-LEC-06	04-LEC-36	05-LEC-06	05-LEC-36	Field Duplicate 08-LEC-36	06-LEC-06	06-LEC-36	07-LEC-06	07-LEC-36	BG1-LEC06	BG1-LEC36	BG2-LEC06	BG2-LEC36	BG3-LEC06	BG3-LEC36	95% Upper Confidence Limit[5]
Metals by SW6010B																									
Antimony	410 n	380	500	0.19 U	***0.78 J***	***0.60 J***	***0.23 J***	**1.26**	**1.70**	0.21 U	NT	NT	NT	NT	NT	***0.39 J***	0.17 U	0.20 U	0.18 U	0.23 U	0.16 U	0.19 U	0.19 U	0.18 U	0.22 U	0.21
Arsenic	1.6 c	0.24	500	***3.51***	***4.71***	***5.86***	***2.35***	***6.59***	***6.91***	**1.18**	NT	NT	NT	NT	NT	**3.13**	**2.28 J**	***4.10***	**2.86**	**1.74 J**	**1.72 J**	**1.61 J**	**2.35 J**	**3.85**	**3.94**	3.23
Barium	190,000 nm	63,000	10,000	***108***	***268***	**99.2**	***109***	***277***	***387***	**77.1**	NT	NT	NT	NT	NT	***133***	***116***	**93.3**	***110***	**98.7**	**94.4**	**101**	**88.3**	**103**	**104**	103
Beryllium	2,000 n	1,700	75	***0.41***	**0.32 J**	**0.39 J**	**0.36**	**0.34 J**	***0.48***	**0.21**	NT	NT	NT	NT	NT	***0.42***	**0.36 J**	**0.26 J**	**0.26 J**	**0.36 J**	**0.36 J**	**0.34 J**	**0.31 J**	**0.41 J**	**0.42 J**	0.40
Cadmium	810 n	7.5	100	**0.072 J**	***1.41***	**0.013 J**	**0.054 J**	***1.75***	***2.47***	***0.17***	NT	NT	NT	NT	NT	***0.17 J***	***0.16 J***	0.0099 U	0.0094 U	0.010 U	0.0095 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011
Chromium *(based on III)*	1,400 c	10,000	2,500	***17.5***	***55.1***	***20.7***	***17.0***	***77.2***	***106***	***13.5***	NT	NT	NT	NT	NT	***19.5***	***19.9***	***15.1***	***17.1***	**11.8**	**12.0**	**13.7**	**12.0**	**12.5**	**12.9**	13.0
Chromium *(based on VI)*	200 c*	37	500	***17.5***	***55.1***	***20.7***	***17.0***	***77.2***	***106***	***13.5***	NT	NT	NT	NT	NT	***19.5***	***19.9***	***15.1***	***17.1***	**11.8**	**12.0**	**13.7**	**12.0**	**12.5**	**12.9**	---
Cobalt	300 n	3,200	8,000	***5.12***	***5.15***	***5.15***	**4.80**	***6.18***	***8.03***	**2.78**	NT	NT	NT	NT	NT	***5.53***	**4.80**	**3.80**	***4.84***	**4.41**	**4.52**	**4.38**	**3.94**	**4.93**	**4.98**	4.82
Copper	41,000 nc	38,000	2,500	***21.4***	***83.5***	***34.7***	***18.6***	***123***	***176***	***16.8***	NT	NT	NT	NT	NT	***26.7***	***23.6***	***19.1***	***17.8***	**10.9**	**10.2**	**13.3**	**10.1**	**11.5**	**11.8**	12.2
Lead	800 n	3,500	1,000	***12.8***	***79.8***	***14.5***	***11.5***	***104***	***137***	***12.8***	NT	NT	NT	NT	NT	***16.5***	***16.6***	***8.87***	***10.2***	**7.87**	**8.01**	**9.33**	**6.31**	**5.30**	**5.17**	8.17
Mercury (SW7471A)	28 ns	180	20	***0.14***	***1.09***	***0.17***	***0.095***	***1.63***	***1.98***	**0.29**	NT	NT	NT	NT	NT	**0.23**	**0.14**	**0.090**	***0.11***	**0.034**	**0.032**	**0.061**	**0.031**	**0.028**	**0.024**	0.044
Molybdenum	5,100 n	4,800	3,500	***0.79 J***	***2.99***	***2.42 J***	**0.49 J**	***3.41***	***4.30***	***0.65 J***	NT	NT	NT	NT	NT	***0.53 J***	**0.51 J**	***0.62 J***	***0.56 J***	**0.41 J**	**0.35 J**	**0.48 J**	**0.61 J**	**0.39 J**	**0.51 J**	0.53
Nickel *(assumed soluble salts)*	20,000 n	16,000	2,000	***17.7***	***78.7***	***16.3***	***16.2***	***120***	***164***	***15.7***	NT	NT	NT	NT	NT	***22.1***	***19.6***	***14.5***	***19.0***	**10.2**	**10.5**	**12.0**	**9.87**	**10.0**	**10.1**	11.1
Selenium	5,100 n	4,800	100	**3.54**	***4.70***	***4.35***	***3.98***	***5.66***	***7.79***	**3.24**	NT	NT	NT	NT	NT	***4.11***	***4.24***	**1.82 J**	**3.38**	**1.97 J**	**3.38**	**3.57**	**1.99 J**	**3.84**	**4.12**	3.76
Silver	5,100 n	4,800	500	***0.69 J***	***5.34***	**0.25 J**	***0.99***	***8.5***	***11.6***	***1.09***	NT	NT	NT	NT	NT	***1.00***	***1.18***	***0.37 J***	***0.39 J***	**0.20 J**	**0.21 J**	**0.40 J**	**0.26 J**	**0.068 J**	**0.068 J**	0.265
Thallium	66 n	63	700	0.54 U	0.54 U	0.58 U	0.49 U	0.69 U	0.65 U	0.54 U	NT	NT	NT	NT	NT	0.53 U	0.59 U	0.58 U	0.55 U	0.60 U	0.56 U	0.64 U	0.63 U	0.62	0.65 U	0.64
Vanadium	5,200 n	6,700	2,400	***37.9***	***44.3***	***36.7***	**31.7**	***58.2***	***78.4***	**20.0**	NT	NT	NT	NT	NT	***40.2***	**32.8**	**24.6**	**24.0**	**26.6**	**26.9**	**29.7**	**27.2**	**34.8**	**35.9**	33.3
Zinc	31,000 nm	100,000	5,000	***71.7***	***291***	***70.1***	***60.2***	***470***	***641***	***62.5***	NT	NT	NT	NT	NT	***91.7***	***83.5***	***58.2***	***55.6***	**41.5**	**39.6**	**47.9**	**36.0**	**43.0**	**43.7**	45.0
Organochlorine Pesticides by SW8081																									
alpha-BHC (based on Lindane)	0.27^ c	2.0^	4.0^	5.32 U	5.65 U	5.10 U	5.21 U	**6.44 JP**	**6.16 JP**	5.48 U	NT	NT	NT	NT	NT	5.90 U	5.19 U	5.26 U	5.16 U	**6.37 JP**	5.79 U	5.77 U	5.42 U	5.91 U	5.67 U	---
gamma-BHC (Lindane)	2.1^ c	2.0^	4.0^	5.32 U	5.65 U	5.10 U	5.21 U	6.46 U	6.31 U	5.48 U	NT	NT	NT	NT	NT	5.90 U	5.19 U	5.26 U	5.16 U	6.03 U	5.79 U	5.77 U	5.42 U	5.91 U	5.67 U	---
beta-BHC (based on Lindane)	0.96^ c	2.0^	4.0^	5.32 U	5.65 U	5.10 U	5.21 U	6.46 U	6.31 U	5.48 U	NT	NT	NT	NT	NT	5.90 U	5.19 U	5.26 U	5.16 U	6.03 U	5.79 U	5.77 U	5.42 U	5.91 U	5.67 U	---
delta-BHC (based on Lindane)	0.96^ c	2.0^	4.0^	5.32 U	5.65 U	5.10 U	5.21 U	6.46 U	6.31 U	5.48 U	NT	NT	NT	NT	NT	5.90 U	5.19 U	5.26 U	5.16 U	6.03 U	5.79 U	5.77 U	5.42 U	5.91 U	5.67 U	---
Heptachlor	0.38^ c	0.52^	4.7^	5.32 U	5.65 U	5.10 U	5.21 U	6.46 U	6.31 U	5.48 U	NT	NT	NT	NT	NT	5.90 U	5.19 U	5.26 U	5.16 U	6.03 U	5.79 U	5.77 U	5.42 U	5.91 U	5.67 U	---
Aldrin^	0.13^	1.4^	5.32 U	5.65 U	5.10 U	5.21 U	6.46 U	6.31 U	5.48 U	NT	NT	NT	NT	NT	5.90 U	5.19 U	5.26 U	5.16 U	6.03 U	5.79 U	5.77 U	5.42 U	5.91 U	5.67 U	---
Heptachlor epoxide	0.19^ c*	0.52^	4.7^	5.32 U	5.65 U	5.10 U	5.21 U	6.46 U	6.31 U	5.48 U	NT	NT	NT	NT	NT	5.90 U	5.19 U	5.26 U	5.16 U	6.03 U	5.79 U	5.77 U	5.42 U	5.91 U	5.67 U	---
gamma-Chlordane	6.5 c*	1.7	2.5^	**1.24 J**	**4.69 J**	5.10 U	**1.87 JP**	**14.7 P**	**12.8 P**	**2.54 J**	NT	NT	NT	NT	NT	**1.46 J**	**1.70 JP**	5.26 U	5.16 U	6.03 U	5.79 U	**2.29 JP**	5.42 U	5.91 U	5.67 U	---
alpha-Chlordane	6.5 c*	1.7	2.5^	**1.62 JP**	**5.37 P**	**1.49 JP**	**1.36 JP**	**15.6 P**	**13.2 P**	**1.99 JP**	NT	NT	NT	NT	NT	**1.22 JP**	**1.55 JP**	**0.63 JP**	5.16 U	6.03 U	5.79 U	5.77 U	**1.34 J**	5.91 U	5.67 U	---
4,4'-DDE	5.1^	6.3	1.0^	5.32 U	5.65 U	**2.40 J**	**1.57 J**	**23.9**	**21.6**	**2.25 JP**	NT	NT	NT	NT	NT	5.90 U	**1.94 J**	5.26 U	5.16 U	**1.18 J**	5.79 U	5.77 U	5.42 U	5.91 U	5.67 U	---
Endosulfan I	3,700 n	NA	NA	5.32 U	5.65 U	5.10 U	5.21 U	**6.48**	6.31 U	5.48 U	NT	NT	NT	NT	NT	5.90 U	5.19 U	5.26 U	5.16 U	6.03 U	5.79 U	5.77 U	5.42 U	5.91 U	5.67 U	---
Dieldrin^	0.11^ c	0.13	8.0	5.32 U	5.65 U	5.10 U	5.21 U	**23.0 JP**	**20.9 JP**	5.48 U	NT	NT	NT	NT	NT	5.90 U	5.19 U	5.26 U	5.16 U	6.03 U	5.79 U	5.77 U	5.42 U	5.91 U	5.67 U	---
Endrin	180 n	230	0.2^	5.32 U	5.65 U	5.10 U	5.21 U	6.46 U	6.31 U	5.48 U	NT	NT	NT	NT	NT	5.90 U	5.19 U	5.26 U	5.16 U	6.03 U	5.79 U	5.77 U	5.42 U	5.91 U	5.67 U	---
4,4'-DDD	7.2	9	1.0^	**1.82 JP**	**1.49 JP**	**1.79 J**	5.21 U	**3.74 P**	6.31 U	**4.75 JP**	NT	NT	NT	NT	NT	5.90 U	5.19 U	5.26 U	5.16 U	6.03 U	5.79 U	5.77 U	5.42 U	5.91 U	5.67 U	---
Endosulfan II	3,700 n	NA	NA	5.32 U	5.65 U	5.10 U	5.21 U	6.46 U	6.31 U	5.48 U	NT	NT	NT	NT	NT	5.90 U	5.19 U	5.26 U	5.16 U	6.03 U	5.79 U	5.77 U	5.42 U	5.91 U	5.67 U	---
4,4'-DDT	7.0	6.3^	1.0^	**4.85 JP**	5.65 U	**4.53 P**	**2.86 J**	6.46 U	6.31 U	5.48 U	NT	NT	NT	NT	NT	**2.28 J**	**3.88 JP**	**2.87 JP**	**2.53 JP**	**2.96 JP**	**1.67J**	**3.17 JP**	**20.7 JP**	**1.59 J**	**1.85 J**	---
Endrin aldehyde (based on Endrin)	180 n	230	0.2^	5.32 U	5.65 U	5.10 U	5.21 U	6.46 U	6.31 U	5.48 U	NT	NT	NT	NT	NT	5.90 U	5.19 U	5.26 U	5.16 U	6.03 U	5.79 U	5.77 U	5.42 U	5.91 U	5.67 U	---
Methoxychlor	3,100 n	3,800	100	5.32 U	5.65 U	5.10 U	5.21 U	6.46 U	6.31 U	5.48 U	NT	NT	NT	NT	NT	5.90 U	5.19 U	5.26 U	5.16 U	6.03 U	5.79 U	5.77 U	5.42 U	5.91 U	5.67 U	---
Endosulfan sulfate	3,700 n	NA	NA	5.32 U	5.65 U	5.10 U	5.21 U	**6.26 JP**	**5.41 JP**	5.48 U	NT	NT	NT	NT	NT	5.90 U	5.19 U	5.26 U	5.16 U	6.03 U	5.79 U	5.77 U	5.42 U	5.91 U	5.67 U	---
Endrin ketone	NA	NA	NA	5.32 U	5.65 U	5.10 U	5.21 U	6.46 U	6.31 U	5.48 U	NT	NT	NT	NT	NT	5.90 U	5.19 U	5.26 U	5.16 U	6.03 U	5.79 U	5.77 U	5.42 U	5.91 U	5.67 U	---
Volatile Organic Compounds (VOCs) by SW8260	various	various	various	NT	NT	NT	NT	NT	NT	All ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	---
Polycyclic Aromatic Hydrocarbons (PAHs) by SW8270-SIM																									
Naphthalene	20 c*	2.8 [4]	NA	NT	NT	NT	NT	NT	NT	NT	**11.6**	**4.30**	**1.07 J**	**3.23**	**0.82 J**	**0.70 J**	NT	**0.75 J**	NT	NT	NT	NT	NT	NT	NT	---
2-Methylnaphthalene	99 c	0.25 [4]	NA	NT	NT	NT	NT	NT	NT	NT	**9.39**	**3.05**	**0.72 J**	**3.43**	**0.45 J**	**0.48 J**	NT	**0.65 J**	NT	NT	NT	NT	NT	NT	NT	---
1-Methylnaphthalene	4,100 ns	NA	NA	NT	NT	NT	NT	NT	NT	NT	**10.7**	**6.57**	**2.74**	**5.94**	**1.06 J**	**4.25**	NT	**1.38 J**	NT	NT	NT	NT	NT	NT	NT	---
Acenaphthylene	NA	13 [4]	NA	NT	NT	NT	NT	NT	NT	NT	**4.59**	**1.96**	**2.06**	**6.37**	**0.73 J**	**0.41 J**	NT	**0.87 J**	NT	NT	NT	NT	NT	NT	NT	---
Acenaphthene	33,000 n	16 [4]	NA	NT	NT	NT	NT	NT	NT	NT	**1.51 J**	**0.64 J**	**0.92 J**	0.15 U	0.16 U	**0.32 J**	NT	**0.96 J**	NT	NT	NT	NT	NT	NT	NT	---
Fluorene	22,000 n	8.9 [4]	NA	NT	NT	NT	NT	NT	NT	NT	**2.17**	**0.95 J**	0.23 U	0.21 U	0.22 U	**0.54 J**	NT	**1.34 J**	NT	NT	NT	NT	NT	NT	NT	---
Phenanthrene	NA	11 [4]	NA	NT	NT	NT	NT	NT	NT	NT	**15.6**	**8.06**	**4.01**	0.14 U	**3.49**	**4.25**	NT	**9.26**	NT	NT	NT	NT	NT	NT	NT	---
Anthracene	170,000 nm	2.8 [4]	NA	NT	NT	NT	NT	NT	NT	NT	**7.30**	**2.79**	**2.59**	0.23 U	0.24 U	**1.10 J**	NT	**2.01**	NT	NT	NT	NT	NT	NT	NT	---
Fluoranthene	22,000 n	40 [4]	NA	NT	NT	NT	NT	NT	NT	NT	**50.3**	**20.0**	**26.2**	**3.68**	**12.2**	**18.5**	NT	**25.8**	NT	NT	NT	NT	NT	NT	NT	---
Pyrene	17,000 n	13 [4]	NA	NT	NT	NT	NT	NT	NT	NT	**60.4**	**23.0**	**32.8**	**39.2**	**16.5**	**17.6**	NT	**33.4**	NT	NT	NT	NT	NT	NT	NT	---
Benz(a)anthracene	2.1 c	1.3 [4]	NA	NT	NT	NT	NT	NT	NT	NT	**58.8**	**18.0**	**56.8**	**1.32 J**	**10.9**	**17.0**	NT	**18.9**	NT	NT	NT	NT	NT	NT	NT	---
Chrysene	210 c	2.3 [4]	NA	NT	NT	NT	NT	NT	NT	NT	**59.8**	**16.0**	**55.3**	**12.0**	**10.4**	**14.9**	NT	**18.8**	NT	NT	NT	NT	NT	NT	NT	---
Benzo(b)fluoroanthene	2.1 c	1.3 [4]	NA	NT	NT	NT	NT	NT	NT	NT	**188**	**55.6**	**113**	**19.8**	**27.5**	**36.1**	NT	**50.1**	NT	NT	NT	NT	NT	NT	NT	---
Benzo(k)fluoranthene	21 c	1.3 [4]	NA	NT	NT	NT	NT	NT	NT	NT	**63.7**	**20.5**	**35.9**	**4.17**	**9.62**	**9.65**	NT	**12.1**	NT	NT	NT	NT	NT	NT	NT	---
Benzo(a)pyrene	0.21 c	1.7 [2] or 0.13 [4]	NA	NT	NT	NT	NT	NT	NT	NT	**89.5**	**31.5**	**67.7**	**9.07**	**16.1**	**19.4**	NT	**21.7**	NT	NT	NT	NT	NT	NT	NT	---
Indeno(1,2,3-c,d)pyrene	2.1 c	2.1 [4]	NA	NT	NT	NT	NT	NT	NT	NT	**55.2**	**17.2**	**30.6**	**4.71**	**5.83**	**7.48**	NT	**6.73**	NT	NT	NT	NT	NT	NT	NT	---
Dibenzo(a,h)anthracene	0.21 c	0.21^ [4]	NA	NT	NT	NT	NT	NT	NT	NT	**18.4**	0.37 U	**11.0**	0.37 U	0.39 U	0.42 U	NT	0.39 U	NT	NT	NT	NT	NT	NT	NT	---
Benzo(g,h,i)perylene	NA	27 [4]	NA	NT	NT	NT	NT	NT	NT	NT	**81.5**	**24.4**	**34.0**	**9.99**	**7.77**	**8.27**	NT	**12.3**	NT	NT	NT	NT	NT	NT	NT	---
Total Petroleum Hydrocarbons (TPH by SW8015-E)																									
TPH-Oil	NA	2,500 [4]	NA	NT	NT	NT	NT	NT	NT	NT	**2,200**	**601**	**216**	**697**	**131**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	---

Notes:

All analytical results for soil given in mg/kg on a dry weight basis. Samples ending in -06 were surface samples collected in the 0 to 6 inch depth interval. Samples ending in -36 were subsurface samples collected in the 30 to 36 inch depth interval.

NA - Comparative value not available
NT - Sample not tested for this parameter
U = Not detected at specified reporting limit
J = Estimated value below reporting limit
E = Estimated value above calibration range
P = Primary and confirmation results outside of 40% RPD

Boldface entries indicate detected constituents/compounds (including those detected between MDL and RL - 'J' flagged). Exceedances noted according to shaded boxes below for detected compounds only.

Exceeds Title 22 Hazardous Waste Criteria Exceeds one or more of the risk-based criteria (PRGs or CHHSLs) Exceeds both Title 22 HWC and one or more of the risk-based criteria

Boldface Italics metal entries exceed the corresponding 95% upper confidence limit on the geometric mean for background soils (using surface and subsurface samples).

c = Cancer PRG
n = Noncancer PRG
c* = where: n screening level < 100x cancer screening level
m = concentration may exceed ceiling limit
^ = MDL's for this method are less than or equal to the screening level.

[1] USEPA Region IX PRGs 2008
[2] California Human Health Screening Levels - values in this column are from the CHHSLs list unless otherwise noted.
[3] TTLC = Total Threshold Limit Concentration (wet weight basis) that is hazardous waste criteria under California Code of Regulation, Title 22, Division 4.5, Chapter 11, Section 66261.24.
[4] San Francisco Bay RWQCB Environmental Screening Levels (2008) - Shallow Soil Screening Levels (<3m bgs), Commercial/industrial land use where groundwater is not a current or potential drinking water resource)
TPH-Oil by SW8105-E corresponds to TPH-residual fuels criteria
[5] The 95% UCL for chromium and thallium are based solely on the method detection limits for these constituents that were not detected in background soils.

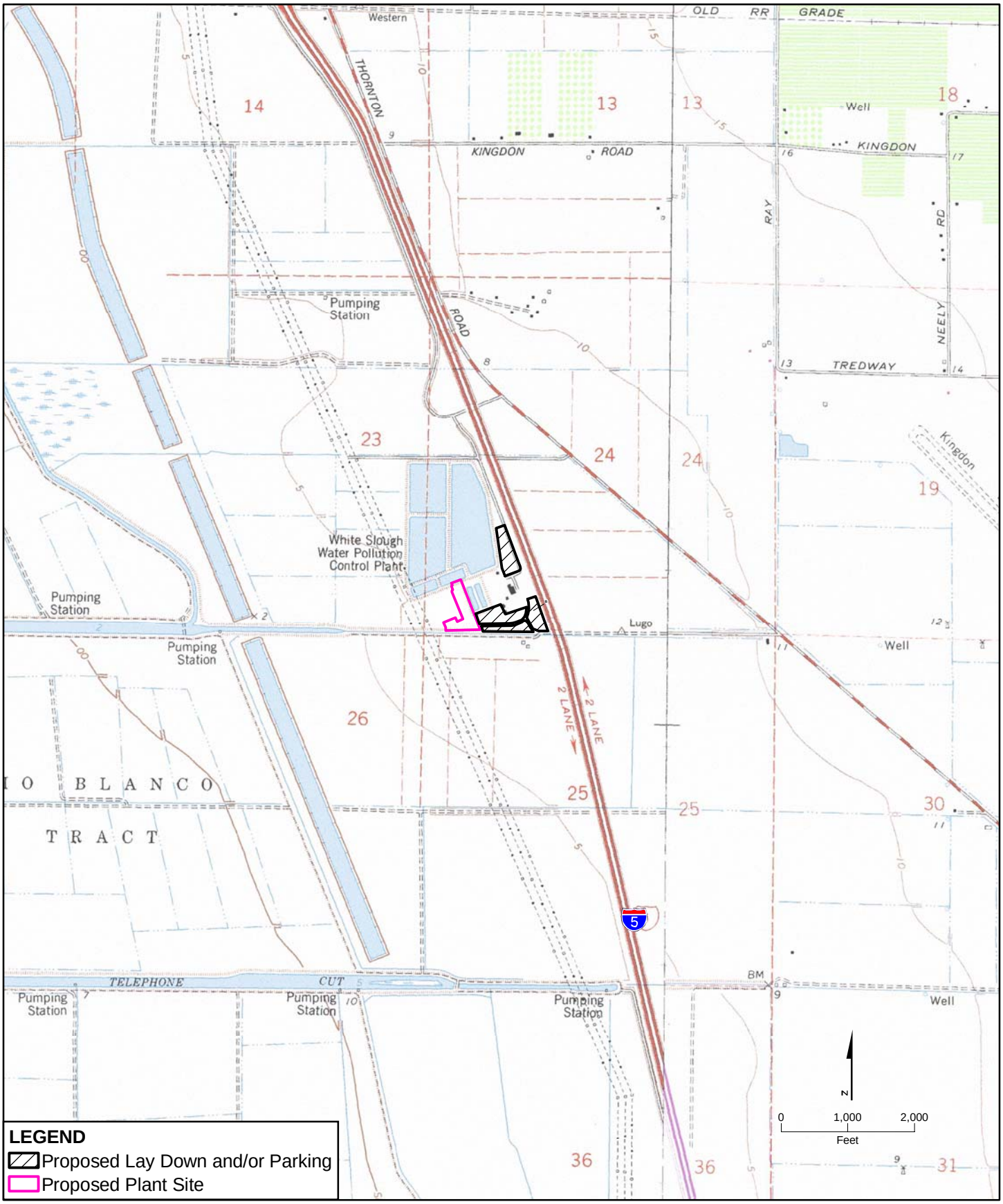

FIGURE 1
PROJECT LOCATION
PRELIMINARY PHASE II ESA
LODI ENERGY CENTER
LODI, CAIFORNIA

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

SAC\\ZION\SACGIS\PROJ\LODIENERGYCENTER_371322\MAPFILES\PHASEII_LOCATION.MXD MHASKELL 2/11/2009 15:12:13

CH2MHILL

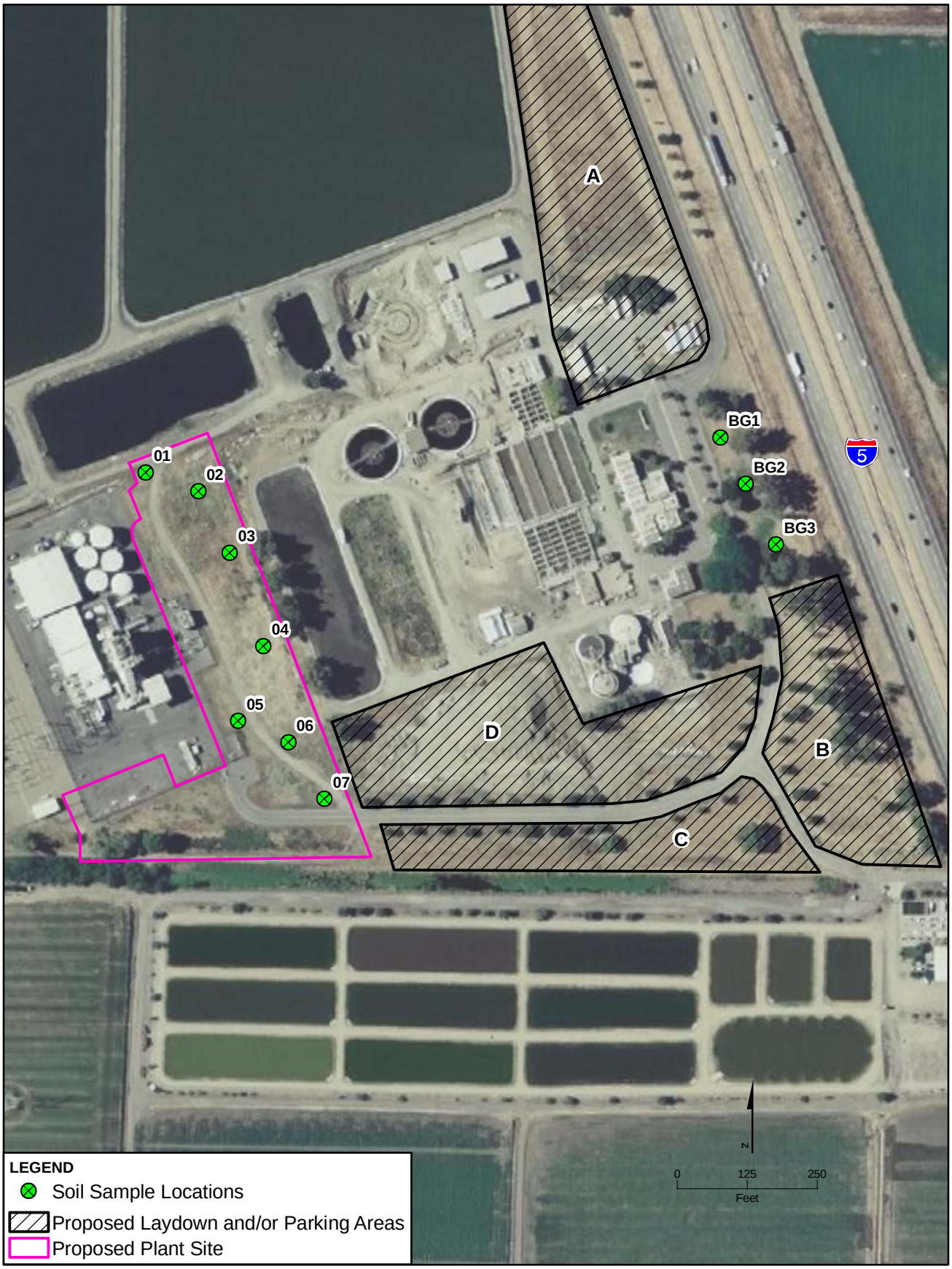

FIGURE 2
SOIL SAMPLING LOCATIONS
PRELIMINARY PHASE II ESA
LODI ENERGY CENTER
LODI, CAIFORNIA

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

CH2MHILL

Attachment
Field Documentation

CH2MHILL **PRE-TASK SAFETY PLAN**

Project: LODI ENERGY CENT. Location: LODI, CA Date: ~~01/30/2009~~ 02/02/09

Supervisor: _____ JobActivity: Soil sampling

Task Personnel: WILFRED AKAH

List Tasks: 1. Use scoops to collect surface soil samples at 11 locations
2. Hand auger to 3 ft at same location and get samples at 11 locations
3. Prep samples and ship to analytical lab for analysis

Tools/Equipment required for Tasks (ladders, scaffolds, fall protection, cranes/rigging, heavy equipment, power tools):
1. Hand auger
2. Scoops
3. Shovel
4. Measuring tape
5. Camera

Potential H&S Hazards, including chemical, physical, safety, biological and environmental (Check all that apply):

__ Chemical burns/contact	__ Trench, excavations, cave-ins	__Ergonomics
__ Pressurized lines/equipment	__ Overexertion	__ Chemical splash
__ Thermal burns	__ Pinch points	__ Poisonous plants/insects
__ Electrical	__ Cuts/abrasions	___Eye hazards/flying projectile
X Weather conditions	__ Spills	__ Inhalation hazard
__Heights/fall> 6'	__ Overhead Electrical hazards	X Heat/cold stress
__ Noise	__ Elevated loads	__ Water/drowning hazard
__ Explosion/fire	__ Slips, trip and falls	__ Heavy equipment
__Radiation	X Manual lifting	__ Aerial lifts/platforms
__ Confined space entry	__Welding/cutting	__ Demolition

Other Potential Hazards (Describe):

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PRE-TASK SAFETY PLAN

Hazard Control Measures (Check all that apply):

PPE	Protective Systems	Fire Protection	Electrical
__ Thermal/lined	__ Sloping	__ Fire extinguishers	__ Lockout/tagout
__ Eye	__ Shoring	__ Fire watch	__ Grounded
__ Dermal/hand	__ Trench box	__ Non-spark tools	__ Panels covered
__ Hearing	__ Barricades	__ Grounding/bonding	__ GFCI/extension cords
__ Respiratory	__ Competent person	__ Intrinsically safe equipment	__ Power tools/cord inspected
X Reflective vests	__ Locate buried utilities		
__ Flotation device	__ Daily inspections		
Fall Protection	**Air Monitoring**	**Proper Equipment**	**Welding & Cutting**
__ Harness/lanyards	__ PID/FID	__ Aerial lift/ladders/scaffolds	__ Cylinders secured/capped
__ Adequate anchorage	__ Detector tubes	__ Forklift/ Heavy equipment	__ Cylinders separated/upright
__ Guardrail system	__ Radiation	__ Backup alarms	__ Flash-back arrestors
__ Covered opening	__ Personnel sampling	__ Hand/power tools	__ No cylinders in CSE
__ Fixed barricades	__ LEL/O2	__ Crane w/current inspection	__ Flame retardant clothing
__ Warning system	__ Other	__ Proper rigging	__ Appropriate goggles
		__ Operator qualified	
Confined Space Entry	**Medical/ER**	**Heat/Cold Stress**	**Vehicle/Traffic**
__ Isolation	X First-aid kit	__ Work/rest regime	__ Traffic control
__ Air monitoring	__ Eye wash	__ Rest area	__ Barricades
__ Trained personnel	__ FA-CPR trained personnel	__ Liquids available	__ Flags
__ Permit completed	X Route to hospital	__ Monitoring	__ Signs
__ Rescue		__ Training	
Permits	**Demolition**	**Inspections:**	**Training:**
__ Hot work	__ Pre-demolition survey	__ Ladders/aerial lifts	__ Hazwaste
__ Confined space	__ Structure condition	__ Lanyards/harness	__ Construction
__ Lockout/tagout	__ Isolate area/utilities	__ Scaffolds	__ Competent person
__ Excavation	__ Competent person	__ Heavy equipment	__ Task-specific (THA)
__ Demolition	__ Hazmat present	__Cranes and rigging	__ Hazcom
__ Energized work			

FieldNotes: Will be available on Monday (02/02/09)

CONTENTS

PAGE	REFERENCE	DATE

Location LODI ENERGY CENTER Date 02/02/09

Project / Client LEC

Soil sampling Page 1/2

WILFRED AKAH

08:45 Arrived at site, met with Joe Bitner and had a sight walk through the proposed Energy plant.

09:25 : Sample 01-LEC-06 Taken

There was a fork lift at site moving stuff back and forth.

09:45 Sample 01-LEC-36 taken

Location of Location 01 is 32 Ft South of the pond and 60 ft east of the Treatment plants fence. (Sm: 7.5 YR 3/2 for 6 ft and 7.5 YR 3/1 for 36 Ft

10:15 Sample 02-LEC-06 taken (Sm; 7.5 YR 3/2

10:30 Sample 02-LEC-36 taken (Sm with gravel

Color is 7.5 YR 3/1

Location of position 02 is ~ 72 ft from eastern boundary. ~~40~~ 80 ft from the N end of the boundary

11:00 Collected Sample 03-LEC-06 from location ID 3. Western Constructors were at location moving away stuff. Saw Concrete curing products but did not see batteries. Picked a sampling location in the midst of the curing products

Samples collected at 03-LEC-36 at 11:20

~ 210 ft from N end of boundary

and 26 ft from E boundary.

Location LODI ENERGY CENTER Date 02/02/09

Project / Client LEC Page 2/2

WILFRED AKAH

11:55 Location in #4 Heap of lubricating compound buckets ~ 20 in all.
Took sample 04-LEC-06 at 11:55
Took sample 04-LEC-36 at 12:05
~~440~~ 400 ft from N end of boundary and 30 ft west of boundary.
12:25 Sample 05-LEC-06 taken with duplicate
12:35 Sample 05-LEC-36 taken near oil stain
Location 5 is about 100 ft from main NCPA gate along the western boundary
12:50 Sample 06-LEC-06 taken at surface water runoff to site.
Sample 06-LEC-36 taken at 13:10
13:20 Sample 07-LEC-06 collected
13:35 BG-1-LEC-06 collected
13:40 BG-1 LEC-36 collected under trees.
13:45 BG2-LEC-06 collected under trees
13:50 BG2-LEC-36 collected under trees
13:55 BG3-LEC-06 collected
14:00 BG3-LEC-36 collected
14:30 Left site after signing out at the NCPA office

WAkah
02/02/09

SOIL SAMPLING FIELD WORK SHEET FOR PROPOSED LODI ENERGY CENTER

Location ID	Type of Analysis		Sample ID		Sampling Time		Soil Description	
	6 inches	36 inches	6 inches	36 inches	6 inches	36 inches	6 inches	36 inches
1	CAM 17 METALS	CAM 17 METALS	01-LEC-06	01-LEC-36	09:25	09:45	Silty Sand	Silty sand with gravel
	PESTICIDES (8081A)	PESTICIDES (8081A)					Color: 7.5 YR 3/2	Color: 7.5YR 3/1
2	CAM 17 METALS	CAM 17 METALS	02-LEC-06	02-LEC-36	10:15	10:30	Silty Sand	Silty Sand with gravel
	PESTICIDES (8081A)	PESTICIDES (8081A)					Color: 7.5 YR 3/2	Color: 7.5 YR 3/2
3	CAM 17 METALS	CAM 17 METALS	03-LEC-06	03-LEC-36	11:00	11:20	Silty Sand	Silty sand with gravel
	PESTICIDES (8081A)	PESTICIDES (8081A)					Color: 7.5 YR 3/2	Color: 7.5 YR 3/1
		VOC (8260)						
3 FD	**CAM 17**	**NONE**	**08-LEC-06**	**NONE**	11:01	NONE	NONE	NONE
	PESTICIDES (8081A)							
4	TPH-MO	TPH-MO	04-LEC-06	04-LEC-36	11:55	12:05	Silty Sand	Well graded gravel with sand
	PAH SIM	PAH SIM					Color: 7.5 YR 3/2	Color: 7.5 YR 3/2
5	TPH-MO	TPH-MO	05-LEC-06	05-LEC-36	12:25	12:35	Silty Sand	
	PAH SIM	PAH SIM					Color: 7.5 YR 3/2	Sandy gravel; 7.5 YR 3/2
5 FD	**TPH-MO**	**NONE**	**08-LEC-36**	**NONE**	12:25	NONE	NONE	NONE
	PAH SIM							
6	PAH (8270 IM)	CAM 17 METALS	06-LEC-06	06-LEC-36	12:50	13:10	Clayey Sand	Silty Sand 7.5 YR 3/2
	PESTICIDES (8081A)	PESTICIDES (8081A)					Color 7.5 YR 3/2	
	CAM 17 METALS							
7	PAH SIM	CAM 17 METALS	07-LEC-06	07-LEC-36	13:20	13:30	Silty Sand	Silty Sand with gravel. Color 7.5 RA 3/2
	PESTICIDES (8081A)	PESTICIDES (8081A)					Color 7.5 YR 3/2	
	CAM 17 METALS							
BG-1	CAM 17 METALS	CAM 17 METALS	BG1-LEC06	BG1-LEC36	13:35	13:40	Silty Sand	Silty Sand
	PESTICIDES (8081A)	PESTICIDES (8081A)					Color 7.5 YR 3/3	Color 7.5 YR 3/2
BG-2	CAM 17 METALS	CAM 17 METALS	BG2-LEC06	BG2-LEC36	13:45	13:50	Silty Sand	Silty Sand
	PESTICIDES (8081A)	PESTICIDES (8081A)					Color 7.5 YR 3/2	Color 7.5 YR 3/2
BG-3	CAM 17 METALS	CAM 17 METALS	BG3-LEC06	BG3-LEC36	13:55	14:00	Silty Sand	Silty Sand
	PESTICIDES (8081A)	PESTICIDES (8081A)					Color 7.5 YR 3/2	Color 7.5 YR 3/2

SAMPLING DATE FOR ALL SAMPLES: 02/02/2009
SAMPLE ID: 01= LOCATION ID; LEC= CLIENT; 6= SAMPLING DEPTH

CH2MHILL Applied Sciences Lab
CHAIN OF CUSTODY RECORD
AND AGREEMENT TO PERFORM SERVICES

CVO 2300 NW Walnut Boulevard
Corvallis, OR 97330-3638
(541) 752-4271 FAX (541) 752-0276

COC # LEC-020209

Project #: 371322.A1.PM
Purchase Order #:
Project Name: LODI ENERGY CENTER – PHASE II ESA
Company Name: CH2M HILL
Project Manager or Contact & Phone #: SARAH MADAMS X249
Report Copy to: SARAH MADAMS, STEVE LONG
Requested Completion Date: 5 BUS. DAY ~~STANDARD~~ TAT
Site ID: LEC
Sample Disposal: Dispose ☒ Return ☐

THIS AREA FOR LAB USE ONLY
Lab #: Page 1 of 2

EPA Tier QC Level: 1 (Screening) 2 3 4

Requested Analytical Method # / Preservative:

Date	Time	COMP	GRAB	WATER	SOIL	AIR	CLIENT SAMPLE ID (9 CHARACTERS)	LAB QC	TOTAL # OF CONTAINERS	CAM 17 METALS (ICE)	8081A PESTICIDES (ICE)	VOC (8260) (ICE)	TPH (MOTOR OIL 8015M) (ICE)	PAH (8270 SIM) (ICE)	Alternate Description	Lab ID
02/02/09	09:25		X		X		01-LEC-06		1	X	X					
"	09:45		X		X		01-LEC-36		1	X	X					
"	10:15		X		X		02-LEC-06		1	X	X					
"	10:30		X		X		02-LEC-36		1	X	X					
"	11:00		X		X		03-LEC-06		1	X	X					
"	11:20		X		X		03-LEC-36		1	X	X	X				
"	11:55		X		X		04-LEC-06		1				X	X		
"	12:05		X		X		04-LEC-36		1				X	X		
"	12:25		X		X		05-LEC-06		1				X	X		
"	12:35		X		X		05-LEC-36		1				X	X		
"	12:50		X		X		06-LEC-06		1	X	X			X		

Relinquished By: [signature] WILFRED ALLAH	Date/Time: 02/02/09 15:30	Received By		Date/Time	
Sampled By and Title (Please sign and print name): [signature] WILFRED ALLAH	Date/Time: 02/02/09	Relinquished By (Please sign and print name)		Date/Time	
Received By (Please sign and print name)	Date/Time	Relinquished By (Please sign and print name)		Date/Time	
Received By (Please sign and print name)	Date/Time	Shipped Via: UPS Fed-Ex Other ______		Shipping #	

Special Instructions:

Instructions and Agreement Provisions on Reverse Side

DISTRIBUTION: Original - LAB, Yellow - LAB, Pink - Client
REV 09/2006 LAB FORM 340

CH2MHILL Applied Sciences Lab
CHAIN OF CUSTODY RECORD
AND AGREEMENT TO PERFORM SERVICES

CVO 2300 NW Walnut Boulevard
Corvallis, OR 97330-3638
(541) 752-4271 FAX (541) 752-0276

COC # LEC-020209

Project #	Purchase Order #
371322.AA.PM	

Project Name: LODI ENERGY CENTER - PHASE II ESA

Company Name: CH2M HILL

Project Manager or Contact & Phone #	Report Copy to:
SARAH WADAMS X249	SARAH WADAMS STEVE LONG

Requested Completion Date:	Site ID	Sample Disposal:
5 BUS DAY ~~RUSH~~ TAT	LEC	Dispose ☒ Return ☐

Sampling Date	Sampling Time	Type COMP	Type GRAB	Matrix WATER	Matrix SOIL	Matrix AIR	CLIENT SAMPLE ID (9 CHARACTERS)	LAB QC	TOTAL # OF CONTAINERS	Requested Analytical Method #									Preservative								
										CAM 17 METALS (6010B/7471A)	SOLUBLE LEAD	VOC (8260)	TPH (MOTOR OIL 8015M)	PAH (8270SIM)					ICE	ICE	ICE	ICE	ICE				
04-Feb	13:10		X		X		06-LEC-36		1	X	X																
	11:30		X		X		07-LEC-06		1	X	X			X													
	15:30		X		X		07-LEC-36		1	X	X																
	11:02		X		X		08-LEC-06		1	X	X																
	11:05		X		X		08-LEC-36		1	~~X~~ X	X		X	X													
	13:25		X		X		BG1-LEC06		1	X	X																
	13:40		X		X		BG1-LEC36		1	X	X																
	13:45		X		X		BG2-LEC06		1	X	X																
	13:50		X		X		BG2-LEC36		1	X	X																
	13:55		X		X		BG3-LEC06		1	X	X																
	14:03		X		X		BG3-LEC36		1	X	X																

THIS AREA FOR LAB USE ONLY

Lab #	Page	of
	2	2

EPA Tier QC Level: 1 (Screening) 2 3 4

Alternate Description	Lab ID

Relinquished By	Date/Time	Received By	Date/Time
WILFRED ABAH	04/02/09		
Sampled By and Title (Please sign and print name)	**Date/Time**	**Relinquished By** (Please sign and print name)	**Date/Time**
WILFRED ABAH	04/02/09		
Received By (Please sign and print name)	**Date/Time**	**Relinquished By** (Please sign and print name)	**Date/Time**
Received By (Please sign and print name)	**Date/Time**	**Shipped Via** UPS Fed-Ex Other _____	**Shipping #**

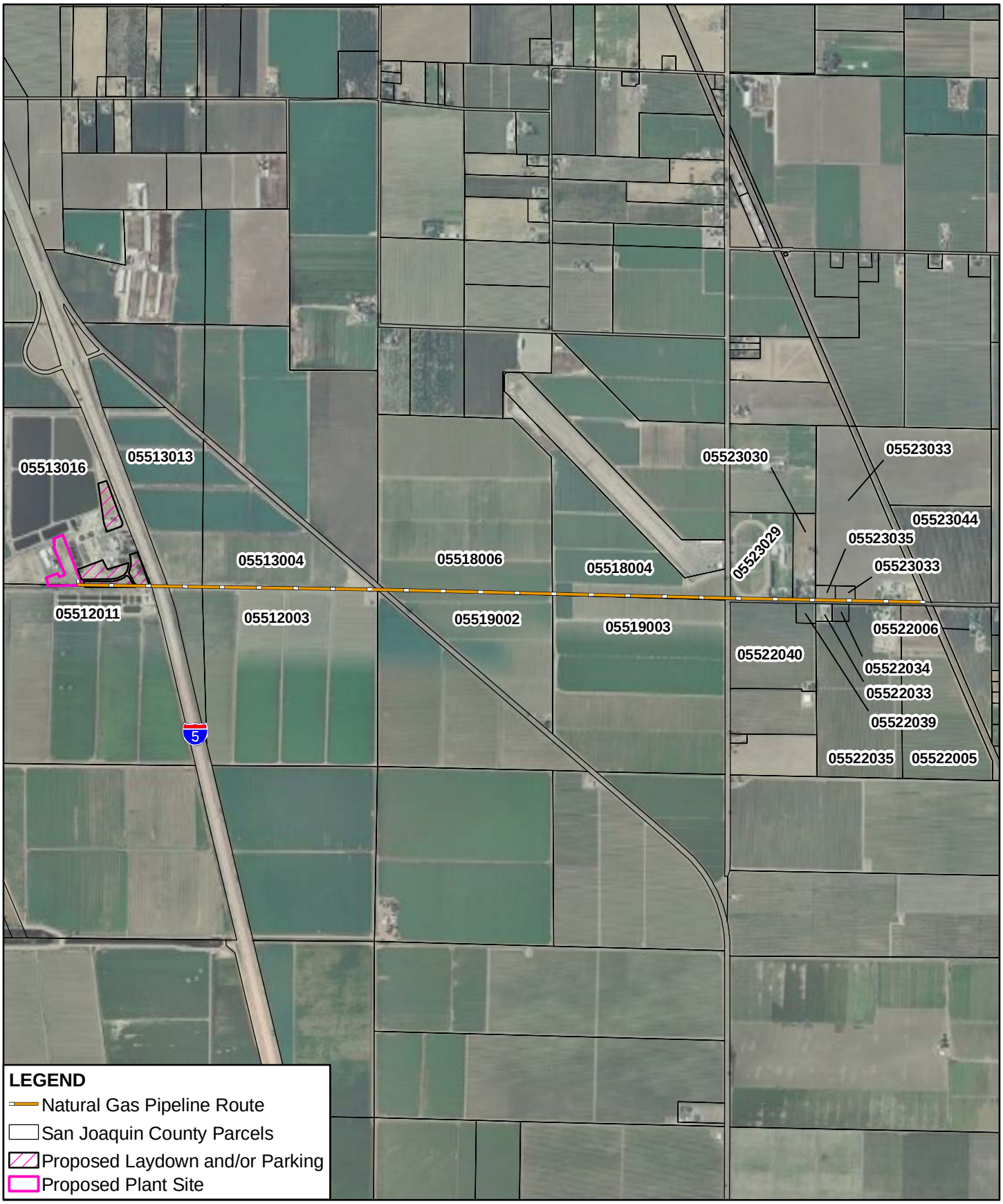
Special Instructions: FOR 08-LEC-36, PLEASE ANALYZE FOR ONLY TPH-MO & PAH SIM

Instructions and Agreement Provisions on Reverse Side

DISTRIBUTION: Original - LAB, Yellow - LAB, Pink - Client
REV 09/2006 LAB FORM 340

ATTACHMENT DR56-1

San Joaquin Agricultural Commission Records Search



Note:
Source: San Joaquin County G.I.S, 2008.

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

0 1,000 2,000
Feet

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FIGURE DR56-1
PARCEL ADJACENT TO GAS LINE
LODI ENERGY CENTER
LODI, CALIFORNIA

SAC\\ZION\SACGIS\PROJ\LODIENERGYCENTER_371322\MAPFILES\GASLINE_ROUTEAPNS.MXD MHASKELL 3/2/2009 11:21:06

CH2MHILL

LEC Attachment DR56-1 - Crops and Pesticide Use Along Gas Corridor in 2008

APN	Crop	Chemical, Manufactorer, Common Name
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	First Choice Herbicide
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	First Choice Ultra
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	Mist Control (Revised Formula)
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	Warrior Insecticide with Zeon Tec
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	Roundup Weathermax Herbicide
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	First Choice No Foam A
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	First Choice Ultra PW
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	Shark EW
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	Dupont Velpar L Herbicide
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	Dupont Direx 4L Herbicide
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	TR-10
055-220-39 055-220-40	Grapes	Britz Magic Sulfur Dust
055-220-39 055-220-40	Grapes	BASF Pristine Fungicide
055-220-39 055-220-40	Grapes	Agraquest, Inc. Serenade Max
055-220-39 055-220-40	Grapes	Vintre
055-220-39 055-220-40	Grapes	PHT Escalate
055-220-39 055-220-40	Grapes	POAST - Emulsifiable Concentrate
055-220-39 055-220-40	Grapes	Pierce Emulsifiable Concentrate
055-220-39 055-220-40	Grapes	Wilbur-Ellis Sulphur

LEC Attachment DR56-1 - Crops and Pesticide Use Along Gas Corridor in 2008

APN	Crop	Chemical, Manufactorer, Common Name
055-220-39 055-220-40	Grapes	Agri-Mek 0.15 EC Miticide/Insecticide
055-220-39 055-220-40	Grapes	Flint Fungicide
055-220-39 055-220-40	Grapes	Super Six Liquid Sulfur
055-220-39 055-220-40	Grapes	AD Wet 90 CA
055-220-39 055-220-40	Grapes	Rely Herbicide
055-220-39 055-220-40	Grapes	Chateau Herbicide SW
055-120-11	Alfalfa	First Choice Herbicide Activator
055-120-11	Alfalfa	Arrow 2 EC Herbicide
055-120-11	Alfalfa	Warrior Insecticide with Zeon Tec
055-120-11	Alfalfa	Gramoxone Inteon
055-120-11	Alfalfa	Prowl H20 Herbicide
055-120-11	Alfalfa	Raptor Herbicide
055-120-11	Alfalfa	First Choice Ultra Pro
055-120-11	Corn	Lorsban - 4E
055-120-11	Corn	First Choice Herbicide Activator
055-120-11	Corn	Oberon - 28C
055-120-11	Corn	Syngenta Dual Magnum
055-190-03	Alfalfa	Treflan TR-10 Herbicide
055-190-03	Alfalfa	Syngenta Gramoxone Inteon
055-190-03	Alfalfa	PHT Pierce Plant Health Methylated Seed Oil
055-190-03	Alfalfa	Dupont Velpar DF
055-220-06	Grapes	Simazine 4L Drexel
055-220-06	Grapes	Direx 4L Herbicide Dupont
055-220-06	Grapes	Galigan 2E Makhteshim-Agan
055-220-06	Grapes	Roundup Original Max Monsanto
055-220-06	Grapes	R-11 Wilbur-Ellis
055-230-44	Grapes	Acramite 50 WS
055-230-44	Grapes	Sylgard 309
055-230-44	Grapes	Sulfur Dust
055-230-44	Grapes	BASF Pristine Fungicide
055-230-44	Grapes	Syl-Tac (2935-50167-AA)
055-230-44	Grapes	Bayer Cropsci ProvadoSolupak 1.6F
055-230-44	Grapes	Elite 45-WP
055-230-44	Grapes	Intrepid 2F
055-230-44	Grapes	Roundup Weathermax Herbicide
055-230-44	Grapes	Shark EW
055-230-44	Grapes	ProGibb 4%
055-190-02 055-180-06	Alfalfa	Warrior Insecticide with Zeon Tec
055-190-02 055-180-06	Alfalfa	First Choice - No Foam A
055-190-02 055-180-06	Alfalfa	Trio-Trifluralin

LEC Attachment DR56-1 - Crops and Pesticide Use Along Gas Corridor in 2007

APN	Crop	Chemical, Manufactorer, Common Name
055-220-35 055-220-33 055-220-34	Grapes	Roundup Weathermax Monsanto Glyphosate
055-220-35 055-220-33 055-220-34	Grapes	Goal 2XL DOW Agroscience Oxyfluorfen
055-220-35 055-220-33 055-220-34	Grapes	Princep 4L Syngenta Simazine
055-220-35 055-220-33 055-220-34	Grapes	Escalate J.R. Simplot Water Conditioning Agent
055-220-35 055-220-33 055-220-34	Grapes	Acraminte 50WS Chemtura Bifenazate
055-220-35 055-220-33 055-220-34	Grapes	Wetcit Oro Agri, Inc. Wetting Agent, Nonionic
055-220-35 055-220-33 055-220-34	Grapes	Agri-Mek 0.15 EC Syngenta Abamectin
055-220-35 055-220-33 055-220-34	Grapes	Nuprid 1.6F Nufarm Imidacloprid
055-220-35 055-220-33 055-220-34	Grapes	Bayer Cropsci Nemacur-3
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	Shark EW
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	First Choice No Foam A
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	Roundup Original Max Herbicide
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	First Choice Ultra Pro
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	Roundup WeatherMax Herbicide
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	Eptam 20-G Granules
055-220-39 055-220-40	Grapes	Roundup Original Max Herbicide
055-220-39 055-220-40	Grapes	PHT Escalate
055-220-39 055-220-40	Grapes	Nuprid 1.6F Insecticide
055-220-39 055-220-40	Grapes	Wetcit Oro Agri, Inc. Wetting Agent, Nonionic
055-220-39 055-220-40	Grapes	BASF Pristine Fungicide
055-220-39 055-220-40	Grapes	Agraquest, Inc. Serenade Max
055-220-39 055-220-40	Grapes	Rally 40 WSP Wettable Powder

LEC Attachment DR56-1 - Crops and Pesticide Use Along Gas Corridor in 2007

APN	Crop	Chemical, Manufactorer, Common Name
055-220-39 055-220-40	Grapes	Britz Magic Sulfur Dust
055-220-39 055-220-40	Grapes	POAST - Emulsifiable Concentrate
055-220-39 055-220-40	Grapes	Pierce Emulsifiable Concentrate
055-220-39 055-220-40	Grapes	PHT Excalate
055-220-39 055-220-40	Grapes	RELY Herbicide
055-220-39 055-220-40	Grapes	Chateau Herbicide SW
055-120-11	Corn	Lorsban - 4E
055-120-11	Corn	Oberon - 28C
055-120-11	Alfalfa	Warrior with Zeon
055-120-11	Alfalfa	Trifluralin - 10G
055-120-11	Alfalfa	TR-10 Trifluralin
055-120-11	Oats	Shark EW
055-120-11	Oats	Rhommice MCPA
055-190-03	Alfalfa	Trifluralin - 10G
055-190-03	Alfalfa	Syngenta Warrior with Zeon Lambdacyhalothrin
055-190-03	Alfalfa	PHT Pierce Plant Health Methylated Seed Oil
055-190-03	Alfalfa	POAST BASF Sethoxydim
055-190-03	Alfalfa	Escalate J.R. Simplot Water Conditioning Agent
055-190-03	Alfalfa	Select Max Valent Clethodim
055-220-06	Grapes	Pristine Fungicide BASF
055-220-06	Grapes	Golden-Dew Wilbur-Ellis
055-220-06	Grapes	R-56 Wilbur-Ellis
055-220-06	Grapes	Kocide-2000 Dupont
055-230-44	Grapes	Elite 45-WP
055-230-44	Grapes	Sylgard 309
055-230-44	Grapes	Sulfur Dust
055-230-44	Grapes	BASF Pristine Fungicide
055-190-02 055-180-06	Alfalfa	Warrior with Zeon
055-190-02 055-180-06	Alfalfa	First Choice Herbicide Activator
055-190-02 055-180-06	Alfalfa	Tenkoz Trifluralin 10G
055-190-02 055-180-06	Alfalfa	Velpar L/DU PONT
055-190-02 055-180-06	Alfalfa	Direx 4L
055-190-02 055-180-06	Alfalfa	Prism Herbicide
055-190-02 055-180-06	Alfalfa	First Choice Ultra Pro

LEC Attachment DR56-1 - Crops and Pesticide Use Along Gas Corridor in 2006

APN	Crop	Chemical, Manufactorer, Common Name
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	Griffin Direx 4L
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	Dupont Velpar L
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	Trifluralin
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	Prism Herbicide
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	BASF, Pursuit
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	Valent, Prism
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	Butoxone 200
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	First Choice Herbicide Activator
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	First Choice, Ultra Pro
055-220-39 055-220-40	Grapes	BASF Pristine Fungicide
055-220-39 055-220-40	Grapes	Agraquest, Inc. Serenade Max
055-220-39 055-220-40	Grapes	Bayer Cropsci ProvadoSolupak 75% Wettable Powder
055-220-39 055-220-40	Grapes	Oro Agri, Inc. Orosorb
055-220-39 055-220-40	Grapes	Roundup Weathermax Monsanto Glyphosate
055-220-39 055-220-40	Grapes	Goal 2XL Dow Agroscience Oxyfluorfen
055-220-39 055-220-40	Grapes	Direx 4L Griffin Diuron
055-220-39 055-220-40	Grapes	Kicker CA J.R. Simplot Ammonium Sulfate
055-120-11	Alfalfa	Butyrac 200
055-120-11	Alfalfa	Raptor Herbicide
055-120-11	Alfalfa	First Choice Ulta Pro
055-120-11	Alfalfa	Herbicide Activator
055-120-11	Alfalfa	Warrior Insecticide with Zeon Tec

LEC Attachment DR56-1 - Crops and Pesticide Use Along Gas Corridor in 2006

APN	Crop	Chemical, Manufactorer, Common Name
055-120-11	Alfalfa	Trifluralin
055-120-11	Corn	Oberon 25C
055-190-03	Alfalfa	Warrior Insecticide with Zeon Tec
055-190-03	Alfalfa	Valent Prism Herbicide
055-190-03	Alfalfa	Plant Health PHT Pierce
055-220-06	Grapes	Rally 40 WSP Dow Agroscience
055-220-06	Grapes	Provado Solupak 75%
055-220-06	Grapes	R-56 Wilbur-Ellis
055-220-06	Grapes	Roundup Original Max Monsanto
055-220-06	Grapes	Goal 2XL Dow Agroscience Oxyfluorfen
055-220-06	Grapes	Direx 4L Griffin Diuron
055-220-06	Grapes	Simazine 4l (Drexel) Drexel
055-220-06	Grapes	R-11 Wilbur-Ellis
055-230-44	Grapes	Elite 45-WP
055-230-44	Grapes	Provado Solupak 75%
055-230-44	Grapes	Sylgard 309 (2935-50161-AA)
055-230-44	Grapes	ZP Roden Bait
055-230-44	Grapes	Roundup Weathermax Monsanto Glyphosate
055-230-44	Grapes	Dusting Sulfur
055-230-44	Grapes	Applaud (71711-21-AA)
055-230-44	Grapes	Rubigan EC (10163-273-AA)
055-230-44	Grapes	BASF Pristine Fungicide
055-230-44	Grapes	ProGibb 4%
055-230-44	Grapes	Rally 40 WSP Dow Agroscience
055-230-44	Grapes	Intrepid 2F
055-230-44	Grapes	Goal 2XL Dow Agroscience Oxyfluorfen
055-190-02 055-180-06	Alfalfa	Tenkoz Trifluralin 10G

LEC Attachment DR56-1 - Crops and Pesticide Use Along Gas Corridor in 2005

APN	Crop	Chemical, Manufactorer, Common Name
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	Dupont Velpar L Herbicide
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	Griffin Direx 4L
055-220-39 055-220-40	Grapes	Acramite Crompton-Crop
055-220-39 055-220-40	Grapes	Provado Solupak 75% Bayer Cropsci
055-220-39 055-220-40	Grapes	Break-Thru Plant Health
055-220-39 055-220-40	Grapes	Rohm & Haas Goal 2 XL Herbicide
055-220-39 055-220-40	Grapes	Cheminova Glyfos Herbicide
055-220-39 055-220-40	Grapes	Syngenta Solicam DF Herbicide
055-220-39 055-220-40	Grapes	JR Simplot AD Wet
055-220-39 055-220-40	Grapes	Wilbur-Ellis Wilbur-Ellis Sulphur
055-120-11	Alfalfa	Velpar L/DU PONT
055-120-11	Alfalfa	Direx 4L
055-120-11	Alfalfa	Warrior Insecticide with Zeon Tec
055-120-11	Alfalfa	Eptam 20-G
055-120-11	Alfalfa	Lorsban - 4E
055-120-11	Alfalfa	Trifuralin
055-120-11	Corn	Comite
055-190-03	Corn	Syngenta Gramoxone Max Herbicide
055-190-03	Corn	Dupont Velpar L Herbicide
055-190-03	Corn	Wilbur-Ellis R-11
055-220-06	Grapes	Roundup Original Max Monsanto
055-220-06	Grapes	R-11 Wilbur-Ellis
055-230-44	Grapes	Red-Top Dusting Sulfur
055-230-44	Grapes	Elite 45 WP Foliar Fungicide in Water
055-230-44	Grapes	First Choice Break-Thru
055-230-44	Grapes	BASF Pristine Fungicide
055-230-44	Grapes	Provado Solupak 75% Bayer Cropsci
055-230-44	Grapes	Flint Fungicide
055-230-44	Grapes	First Choice No Foam A
055-230-44	Grapes	Intrepid 2F
055-230-44	Grapes	Roundup UltraMax Herbicide
055-230-44	Grapes	PROGIBB 4% Solution
055-230-44	Grapes	Riverdale Dri-Clean Herbicide
055-190-02 055-180-06	Alfalfa	Valent Prism Herbicide
055-190-02 055-180-06	Alfalfa	First Choice Herbicide Activator
055-190-02 055-180-06	Alfalfa	BASF Raptor Herbicide

LEC Attachment DR56-1 - Crops and Pesticide Use Along Gas Corridor in 2005

APN	Crop	Chemical, Manufactorer, Common Name
055-190-02 055-180-06	Alfalfa	First Choice Ultra Pro
055-190-02 055-180-06	Alfalfa	Velpar L/DU PONT
055-190-02 055-180-06	Alfalfa	Direx 4L
055-190-02 055-180-06	Alfalfa	Eptam 20-G

LEC Attachment DR56-1 - Crops and Pesticide Use Along Gas Corridor in 2004

APN	Crop	Chemical, Manufactorer, Common Name
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	Dupont Velpar L Herbicide
055-130-16 055-130-04 055-120-03 055-130-13	Alfalfa	Griffin Direx 4L
055-220-39 055-220-40	Grapes	Rohm & Haas Goal 2 XL Herbicide
055-220-39 055-220-40	Grapes	Cheminova Glyfos Herbicide
055-220-39 055-220-40	Grapes	Syngenta Solicam DF Herbicide
055-220-39 055-220-40	Grapes	JR Simplot AD Wet
055-220-39 055-220-40	Grapes	Wilbur-Ellis Wilbur-Ellis Sulphur
055-120-11	Alfalfa	Velpar L/DU Pont
055-120-11	Alfalfa	Direx 4L
055-120-11	Alfalfa	BASF PURSUIT WDG
055-120-11	Alfalfa	Agristar Butyrac 200
055-120-11	Alfalfa	First Choice Ultra Pro
055-120-11	Alfalfa	First Choice Solar
055-120-11	Corn	Comute
055-120-11	Corn	Capfore
055-120-11	Corn	Dimeflorate
055-120-11	Corn	Syngenta Dual Magnum
055-120-11	Corn	Warrior Insecticide with Zeon Tec
055-120-11	Corn	Lorsban - 4E (62719-220-ZA)
055-120-11	Corn	Trio-Trifluralin
055-120-11	Corn	Weedan 64 (71368-00001-AA-264)
055-120-11	Corn	Clarity (0769-00137-AA)
055-190-03	Corn	Comite
055-190-03	Corn	Shark Herbicide
055-190-03	Corn	NuFarm Weedar 64 Braodleaf
055-220-06	Grapes	OMITE - 30WS Crompton-Crop
055-220-06	Grapes	Provado Solupak 75%
055-220-06	Grapes	Rally 40 WSP Dow Agroscience
055-220-06	Grapes	R-56 Wilbur Ellis
055-220-06	Grapes	Roundup Original Monsanto
055-220-06	Grapes	Goal 2XL Herbicide Roham & Haas
055-220-06	Grapes	Direx 4L Griffin
055-220-06	Grapes	R-11 Wilbur-Ellis
055-220-06	Grapes	Princep 4L Syngenta
055-230-44	Grapes	Wilco Gopher Getter AG Bait
055-230-44	Grapes	Riverdale Dri-Clean Herbicide

LEC Attachment DR56-1 - Crops and Pesticide Use Along Gas Corridor in 2004

APN	Crop	Chemical, Manufactorer, Common Name
055-230-44	Grapes	Roundup Ultra Max Monsanto
055-230-44	Grapes	Fuji-Mite (71711-19)
055-230-44	Grapes	First Choice Break-Thru
055-230-44	Grapes	Sulfur Dust
055-230-44	Grapes	BASF Pristine Fungicide
055-230-44	Grapes	Flint Fungicide(3125-428-AA)
055-230-44	Grapes	Elite 45 WP
055-230-44	Grapes	Surround WP (70060-14-AA)
055-230-44	Grapes	NU Film - P
055-230-44	Grapes	Wettable Sulfur
055-230-44	Grapes	Sticken 2220
055-230-44	Grapes	PROGIBB 4%
055-230-44	Grapes	Stylet Oil
055-230-44	Grapes	Goal 2XL Herbicide Roham & Haas
055-230-44	Grapes	2,4-D Dryclean
055-190-02 055-180-06	Alfalfa	Tenkoz Trifluralin 10G

BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION OF THE STATE OF CALIFORNIA
1516 NINTH STREET, SACRAMENTO, CA 95814
1-800-822-6228 – WWW.ENERGY.CA.GOV

APPLICATION FOR CERTIFICATION FOR THE *Lodi Energy Center*

DOCKET NO. 08-AFC-10

PROOF OF SERVICE
(Revised 2/17/09)

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DECLARATION OF SERVICE

I, Haneefah Walker, declare that on March 2, 2009, I served and filed copies of the attached Data Response Set 1C. The original document, filed with the Docket Unit, is accompanied by a copy of the most recent Proof of Service list, located on the web page for this project at:
[www.energy.ca.gov/sitingcases/lodi]. The document has been sent to both the other parties in this proceeding (as shown on the Proof of Service list) and to the Commission's Docket Unit, in the following manner:

(*Check all that Apply*)

FOR SERVICE TO ALL OTHER PARTIES:

___ sent electronically to all email addresses on the Proof of Service list;

__X__ by personal delivery or by depositing in the United States mail at Sacramento, CA with first-class postage thereon fully prepaid and addressed as provided on the Proof of Service list above to those addresses **NOT** marked "email preferred."

AND

FOR FILING WITH THE ENERGY COMMISSION:

__X__ sending an original paper copy and one electronic copy, mailed and emailed respectively, to the address below (***preferred method***);

OR

_____ depositing in the mail an original and 12 paper copies, as follows:

CALIFORNIA ENERGY COMMISSION
Attn: Docket No. 08-AFC-10
1516 Ninth Street, MS-4
Sacramento, CA 95814-5512

docket@energy.state.ca.us

I declare under penalty of perjury that the foregoing is true and correct.

Haneefah Walker