# STATE OF CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY DEPARTMENT OF TOXIC SUBSTANCES CONTROL

IN THE MATTER OF:

CalEnergy Operating Corporation, CE Generation, LLC, Magma Power Company, Leathers, LP, Del Ranch, LP, Elmore, LP, Vulcan/BN Geothermal Power Company, Vulcan Power Company, Salton Sea Power Generation, LP, and Salton Sea Power, LLC,

Respondents.

Docket SRPD GIC851471

CORRECTIVE ACTION CONSENT AGREEMENT

Health and Safety Code section 25187

# INTRODUCTION

- 1.1 The Department of Toxic Substances Control ("DTSC") and CalEnergy Operating Corporation, CE Generation, LLC, Magma Power Company, Leathers, L.P., Del Ranch, L.P., Elmore, L.P., Vulcan/BN Geothermal Power Company, Vulcan Power Company, Salton Sea Power Generation, L.P., and Salton Sea Power, LLC (collectively referred to herein as "CalEnergy Defendants"), enter into this Corrective Action Consent Agreement ("Consent Agreement") and agree as follows:
- 12 DTSC has jurisdiction over the regulation and control of hazardous waste, and is authorized, pursuant to Health and Safety Code section 25187, to issue an order requiring corrective action when DTSC determines that there is or may be a release of hazardous waste or hazardous waste constituents into the environment
- 1.3. The parties enter into this Consent Agreement pursuant to the terms of the Final Judgment and Injunction Pursuant to Stipulation in the case entitled <u>People of the State of California v. CalEnergy Operating Corporation</u>, et al., Case No GIC851471, San Diego Superior Court ("the Action"), and to carry out promptly the corrective action described below.
- 1 4 Respondents are the owners and operators of the following geothermal energy production facilities ("Facilities") that generate hazardous waste:
- (a) Salton Sea Geothermal Power Plant Units 1 & 2, located in Region 1 at 6920 Lack Road, Calipatria, California 92233 ("Salton Sea Facility Units 1 & 2");
- (b) Salton Sea Geothermal Power Plant Units 3, 4 & 5, located in Region 1 at 6922 Crummer Road, Calipatria, California 92233 ("Salton Sea Facility Units 3, 4 & 5");
- (c) Vulcan Geothermal Power Plant, located in Region 2 at 7001 Gentry Road, Calipatria, California 92233 ("Vulcan Facility");

- (d) Del Ranch Geothermal Power Plant, a.k.a. A. W. Hoch, located in Region 2 at 7029 Gentry Road, Calipatria, California 92233 ("Del Ranch Facility");
- (e) J.J. Elmore Power Plant, a.k.a. Elmore Power Plant, located in Region 3 at 786 West Sinclair Road, Calipatria, California 92233 ("Elmore Facility");
- (f) Leathers Geothermal Power Plant, located in Region 3 at 342 West Sinclair Road, Calipatria, California 92233 ("Leathers Facility"); and
- (g) Central Services, located at 480 West Sinclair Road, Calipatria, California 92233 ("Central Services Facility")

Each of the Facilities is located in Imperial County with administrative offices at 7030 Gentry Road, Calipatria, California 92233

- 1.5. The terms used in this Consent Agreement are as defined in California Code of Regulations, title 22, section 66260.10, except as otherwise provided.
- 1.6 Respondents agree to implement all DTSC-approved workplans and to undertake all actions required by the terms and conditions of this Consent Agreement, including any portions of this Consent Agreement incorporated by reference
- 17. Respondents waive any right to request a hearing on this Consent Agreement pursuant to Health and Safety Code section 25187.

# **FINDINGS OF FACT**

- 2.1 Between July 31, 2000 and June 25, 2001, DTSC conducted several site inspections of the Facilities Based on the site inspections and the information available to DTSC, DTSC has identified areas of concerns (AOCs) where hazardous waste or hazardous waste constituents may have been released into the environment.
- 2.2. Based on the information available to DTSC, DTSC concludes that further investigation is needed to determine the nature and extent of any release of hazardous waste or hazardous waste constituents in the following AOCs:
- (a) Near and around surface impoundments, including the tops of berms and areas down wind from the impoundments;
  - (b) Filter cake bay storage areas;
  - (c) Hydro blast pads;
- (d) Areas adjacent to the hydro blast pad and adjacent to pipes containing hazardous waste scale at the equipment yard located at the Leathers Facility (as alleged in the Fourteenth Cause of Action in the Complaint filed in the Action);

- (e) Areas near the zinc recovery storage area and within the filter cake bays located at the Elmore Facility (as alleged in the Twentieth Cause of Action in the Complaint filed in the Action);
- (f) The area immediately adjacent to the south side of the hydro blast pad located at the Salton Sea Facility Units 3, 4 & 5 (as alleged in the Twenty-Sixth Cause of Action in the Complaint filed in the Action);
- (g) The area adjacent to the north yard concrete slab at the Salton Sea Facility Units 1 & 2 (as alleged in the Thirty-First Cause of Action in the Complaint filed in the Action); and
- (h) The areas near and around the hydro blast pad located at the Central Services Facility (as alleged in the Thirty-Fourth Cause of Action in the Complaint filed in the Action).
- 2.3 The hazardous waste and hazardous waste constituents of concern at the Facilities include arsenic and lead

# PROJECT COORDINATOR

Within fourteen (14) days of the effective date of this Consent Agreement, DTSC and Respondents shall each designate a Project Coordinator and shall notify each other in writing of the Project Coordinator selected Each Project Coordinator shall be responsible for overseeing the implementation of this Consent Agreement and for designating a person to act in his/her absence All communications between Respondents and DTSC, and all documents, report approvals, and other correspondence concerning the activities performed pursuant to this Consent Agreement shall be directed through the Project Coordinators Each party may change its Project Coordinator with at least seven (7) days prior written notice

# WORK TO BE PERFORMED

4. Respondents agree to perform the work required by this Consent Agreement in accordance with the applicable state and federal laws, their implementing regulations, and the applicable DTSC and United States Environmental Protection Agency (USEPA) guidance documents.

#### PRELIMINARY ENDANGERMENT ASSESSMENT

- 5 Respondents shall conduct five (5) Preliminary Endangerment Assessments ("PEA") for the Facilities as follows:
  - 1 A PEA will be prepared for the AOCs identified in Paragraph 2 2 in Region 1;
  - 2. A PEA will be prepared for the AOCs identified in Paragraph 2.2 in Region 2;
  - 3 A PEA will be prepared for the AOCs identified in Paragraph 2.2 at the Elmore Facility;

- 4. A PEA will be prepared for the AOCs identified in Paragraph 2.2 at the Leathers Facility; and
- 5. A PEA will be prepared for the AOCs identified in Paragraph 2.2 at the Central Services Facility.

If necessary, Respondents shall conduct further investigation and remediation of any release of hazardous waste or hazardous waste constituents at or from the Facilities. Within 30 days of the effective date of this Consent Agreement, Respondents shall submit to DTSC a PEA Workplan for one PEA, selected by Respondents, and an implementation schedule for approval. Within 60 days of receiving DTSC's written approval of the first PEA Workplan, Respondents shall submit to DTSC PEA Workplans for each of the other four PEAs and an implementation schedule for approval. Respondents shall implement each DTSC-approved PEA Workplan and schedule. Within 60 days after completion of the PEA activities, Respondents shall submit to DTSC a Final PEA Report for approval for each PEA. Respondents shall conduct each PEA in accordance with the Preliminary Endangerment Assessment Guidance Manual (State of California Environmental Protection Agency, Department of Toxic Substances Control, June 1999)

#### ADDITIONAL WORK

If DTSC determines that further investigation and remediation are necessary at the Facilities, DTSC and Respondents will amend this Consent Agreement to address the additional work. If an amendment is not reached within 60 days, DTSC reserves its right to issue an order or take any other action provided for by law. DTSC's costs incurred in negotiating the amendment, if any, are considered costs incurred pursuant to this Consent Agreement and are payable under this Consent Agreement.

# CALIFORNIA ENVIRONMENTAL QUALITY ACT

7. DISC must comply with the California Environmental Quality Act (CEQA) insofar as activities required by this Consent Agreement are projects subject to CEQA. Respondents shall provide all information necessary to facilitate any CEQA analysis. DISC will make an initial determination regarding the applicability of CEQA. If the activities are not exempt from CEQA, DTSC will conduct an Initial Study. Based on the results of the Initial Study, DISC will determine if a Negative Declaration or an Environmental Impact Report (EIR) should be prepared. DISC will prepare and process any such Negative Declaration. However, should DTSC determine that an EIR is necessary, such an EIR would be prepared under a separate agreement between DTSC and Respondents.

# DTSC APPROVAL

8 1. Respondents shall revise any workplan, report, specification, or schedule to address DTSC's written comments. Respondents shall submit to DTSC any revised documents by a reasonable due date specified by DTSC. Revised submittals are subject to DTSC's approval or disapproval

- 8.2 Upon receipt of DTSC's written approval, Respondents shall commence work and implement any approved workplan in accordance with the schedule and provisions contained therein
- 8.3. Any DTSC-approved workplan, report, specification, or schedule required under this Consent Agreement shall be deemed incorporated into this Consent Agreement.
- 8.4 Verbal advice, suggestions, or comments given by DTSC representatives will not constitute an official approval or decision.

#### **SUBMITTALS**

- 9.1 Beginning with the first full month following the effective date of this Consent Agreement, Respondents shall provide DTSC with quarterly progress reports of corrective action activities conducted pursuant to this Consent Agreement. Progress reports are due on the last day of the first month following the close of each reporting period. The progress reports shall conform to the Scope of Work for Progress Reports contained in Attachment A. DTSC may adjust the frequency of progress reporting to be consistent with site-specific activities
- 9 2. Any report or other document submitted by Respondents pursuant to this Consent Agreement shall be signed and certified by the Project Coordinator, a responsible corporate officer, or a duly authorized representative.
  - 9.3 The certification required by paragraph 9.2 above, shall be in the following form:

I certify that the information contained in or accompanying this submittal is true, accurate, and complete. As to those portions of this submittal for which I cannot personally verify the accuracy, I certify that this submittal and all attachments were prepared at my direction in accordance with procedures designed to assure that qualified personnel properly gathered and evaluated the information submitted.

Signature:	
Name:	
Title:	
Date:	

- 9.4. Respondents shall provide three (3) copies of all documents, including but not limited to, workplans, reports, and correspondence. Submittals specifically exempted from this copy requirement are all progress reports and correspondence of less than fifteen (15) pages, of which one copy is required.
- 9.5. Unless otherwise specified, all reports, correspondence, approvals, disapprovals, notices, or other submissions relating to this Consent Agreement shall be in writing and shall be sent to the current Project Coordinators.

# PROPOSED CONTRACTOR/CONSULTANT

All work performed pursuant to this Consent Agreement shall be under the direction and supervision of a professional engineer or registered geologist, registered in California, with expertise in hazardous waste site cleanup. Respondents' contractor or consultant shall have the technical expertise sufficient to fulfill his or her responsibilities. Within fourteen (14) days of the effective date of this Consent Agreement, Respondents shall notify the DTSC Project Coordinator in writing of the name, title, and qualifications of the professional engineer or registered geologist and of any contractors or consultants and their personnel to be used in carrying out the terms of this Consent Agreement.

# **QUALITY ASSURANCE**

- Agreement shall follow applicable DTSC and USEPA guidance for sampling and analysis. Workplans shall contain quality assurance/quality control and chain of custody procedures for all sampling, monitoring, and analytical activities. Any deviations from the approved workplans must be approved by DTSC prior to implementation, must be documented, including reasons for the deviations, and must be reported in the applicable report.
- 11.2. The names, addresses, and telephone numbers of the California State certified analytical laboratories Respondents propose to use must be specified in the applicable workplans.

#### SAMPLING AND DATA/DOCUMENT AVAILABILITY

- 12.1. Respondents shall submit to DTSC upon request the results of all sampling and/or tests or other data generated by its employees, agents, consultants, or contractors pursuant to this Consent Agreement.
- 12.2 Respondents shall notify DTSC in writing at least seven (7) days prior to beginning each separate phase of field work approved under any workplan required by this Consent Agreement. If Respondents believe they must commence emergency field activities without delay, Respondents may seek emergency telephone authorization from DTSC's Project Coordinator or, if the Project Coordinator is unavailable, his/her Branch Chief, to commence such activities immediately.
- 12.3. At the request of DTSC, Respondents shall provide or allow DTSC or its authorized representative to take split or duplicate samples of all samples collected by Respondents pursuant to this Consent Agreement. Similarly, at the request of Respondents, DTSC shall allow Respondents or their authorized representative to take split or duplicate samples of all samples collected by DTSC under this Consent Agreement.

#### ACCESS

Subject to the Facilities' security and safety procedures, Respondents agree to provide DTSC and its representatives access at all reasonable times to the Facilities and any off-site property to which access is required for implementation of this Consent Agreement and shall

permit such persons to inspect and copy all records, files, photographs, documents, including all sampling and monitoring data, that pertain to work undertaken pursuant to this Consent Agreement and that are within the possession or under the control of Respondents or their contractors or consultants.

#### RECORD PRESERVATION

- 14.1 Respondents shall retain, during the pendency of this Consent Agreement and for a minimum of three (3) years after its termination, all data, records, and documents that relate in any way to the performance of this Consent Agreement or to hazardous waste management and/or disposal at the Facilities.
- 14.2. If Respondents retain or employ any agent, consultant, or contractor for the purpose of carrying out the terms of this Consent Agreement, Respondents will require any such agents, consultants, or contractors to provide Respondents a copy of all documents produced pursuant to this Consent Agreement.
- 14.3 All documents pertaining to this Consent Agreement shall be stored in a central location at the Facilities, or at a location otherwise agreed to by the parties, to afford easy access by DTSC and its representatives.

#### DISPUTE RESOLUTION

- 15.1. The parties agree to use their best efforts to resolve all disputes informally. The parties agree that the procedures contained in this section are the sole administrative procedures for resolving disputes arising under this Consent Agreement. If Respondents fail to follow the procedures contained in this section, they shall have waived their right to further consideration of the disputed issue.
- 15.2. If Respondents disagree with any written decision by DTSC pursuant to this Consent Agreement, Respondents' Project Coordinator shall orally notify DTSC's Project Coordinator of the dispute. The Project Coordinators shall attempt to resolve the dispute informally.
- 15.3 If the Project Coordinators cannot resolve the dispute informally, Respondents may pursue the matter formally by placing their objection in writing. Respondents' written objection must be forwarded to Mr. Stephen W. Lavinger, Chief, Tiered Permitting Corrective Action Branch, Hazardous Waste Management Program, Department of Toxic Substances Control, with a copy to DTSC's Project Coordinator. The written objection must be mailed to the Branch Chief within fourteen (14) days of Respondents' receipt of DTSC's written decision. Respondents' written objection must set forth the specific points of the dispute and the basis for Respondents' position
- 15 4. DTSC and Respondents shall have fourteen (14) days from DTSC's receipt of Respondents' written objection to resolve the dispute through formal discussions. This period may be extended by DTSC for good cause. During such period, Respondents may meet or confer with DTSC to discuss the dispute

- 15.5. After the formal discussion period, DTSC will provide Respondents with its written decision on the dispute. DTSC's written decision will reflect any agreements reached during the formal discussion period and be signed by the Branch Chief or his/her designee
- 15.6. During the pendency of all dispute resolution procedures set forth above, the time periods for completion of work required under this Consent Agreement that are affected by such dispute shall be extended for a period of time not to exceed the actual time taken to resolve the dispute. The existence of a dispute shall not excuse, toll, or suspend any other compliance obligation or deadline required pursuant to this Consent Agreement.

# **RESERVATION OF RIGHTS**

- 16 1 DTSC reserves all of its statutory and regulatory powers, authorities, rights, and remedies, which may pertain to Respondents' failure to comply with any of the requirements of this Consent Agreement. Respondents reserve all of their statutory and regulatory rights, defenses and remedies, as they may arise under this Consent Agreement. This Consent Agreement shall not be construed as a covenant not to sue, release, waiver, or limitation on any powers, authorities, rights, or remedies, civil or criminal, that DTSC or Respondents may have under any laws, regulations or common law.
- 16.2 DTSC reserves the right to disapprove of work performed by Respondents pursuant to this Consent Agreement and to request that Respondents perform additional tasks.
- 16.3. DTSC reserves the right to perform any portion of the work consented to herein or any additional site characterization, feasibility study, and/or remedial actions it deems necessary to protect human health and/or the environment. DTSC may exercise its authority under any applicable state or federal law or regulation to undertake response actions at any time. DTSC reserves its right to seek reimbursement from Respondents for costs incurred by the State of California with respect to such actions. DTSC will notify Respondents in writing as soon as practicable regarding the decision to perform any work described in this section.
- 16.4. If DTSC determines that activities in compliance or noncompliance with this Consent Agreement have caused or may cause a release of hazardous waste and/or hazardous waste constituents, or a threat to human health and/or the environment, or that Respondents are not capable of undertaking any of the work required, DTSC may order Respondents to stop further implementation of this Consent Agreement for such period of time as DTSC determines may be needed to abate any such release or threat and/or to undertake any action which DTSC determines is necessary to abate such release or threat. The deadlines for any actions required of Respondents under this Consent Agreement affected by the order to stop work shall be extended to take into account DTSC's actions.
- 16.5 This Consent Agreement is not intended to be nor shall it be construed to be a permit. This Consent Agreement is not a substitute for, and does not preclude DTSC from requiring, any hazardous waste facility permit, post closure permit, closure plan or post closure plan. The parties acknowledge and agree that DTSC's approval of any workplan, plan, and/or specification does not constitute a warranty or representation that the workplans, plans, and/or specifications will achieve the required cleanup or performance standards. Compliance by

Respondents with the terms of this Consent Agreement shall not relieve Respondents of their obligations to comply with applicable provisions of the Health and Safety Code or any other applicable local, state, or federal law or regulation.

# **OTHER CLAIMS**

Agreement shall constitute or be construed as a release by DTSC or Respondents from any claim, cause of action, or demand in law or equity against any person, firm, partnership, or corporation for any liability it may have arising out of or relating in any way to the generation, storage, treatment, handling, transportation, release, or disposal of any hazardous constituents, hazardous substances, hazardous wastes, pollutants, or contaminants found at, taken to, or taken or migrating from the Facilities

# COMPLIANCE WITH WASTE DISCHARGE REQUIREMENTS

Respondents shall comply with all applicable waste discharge requirements issued by the State Water Resources Control Board or a California regional water quality control board.

#### OTHER APPLICABLE LAWS

All actions required by this Consent Agreement shall be conducted in accordance with the requirements of all local, state, and federal laws and regulations. Respondents shall obtain or cause its representatives to obtain all permits and approvals necessary under such laws and regulations.

# REIMBURSEMENT OF DISC'S COSTS

- 20 1. Respondents shall pay DTSC's costs incurred in the implementation of this Consent Agreement pursuant to the provisions of Chapter 6.66 of Division 20 of the Health and Safety Code. Such costs include DTSC's costs incurred in the preparation and implementation of this Consent Agreement prior to the effective date of this Consent Agreement.
- 20.2. An estimate of DTSC's costs is attached as Exhibit B showing the amount of \$24,788 for each PEA or \$123,940 total. It is understood by the parties that this amount is only a cost estimate for the activities shown on Exhibit B and it may differ from the actual costs incurred by DTSC in overseeing these activities or in implementing this Consent Agreement. DTSC will provide additional cost estimates to Respondents as the work progresses under the Consent Agreement
- 20.3. Respondents shall make an advance payment to DTSC in the amount of \$61,970 within 30 days of the effective date of this Consent Agreement. If the advance payment exceeds DTSC's costs, DTSC will refund the balance within 120 days after the execution of the Acknowledgment of Satisfaction pursuant to Section 22 of this Consent Agreement.
- 20.4 DTSC will provide Respondents with a billing statement at least quarterly, which will include the name(s) of the employee(s), identification of the activities, the amount of time spent on each activity, and the hourly rate(s) charged. If Respondents do not pay an invoice

within 60 days of receipt of the billing statement, the amount is subject to interest as provided by Health and Safety Code section 25360.1.

- 20.5. DTSC will retain all costs records associated with the work performed under this Consent Agreement as required by state law. DTSC will make all documents that support the DTSC's cost determination available for inspection upon request, as provided by the Public Records Act.
- 20.6. Any dispute concerning DTSC's costs incurred pursuant to this Consent Agreement is subject to the Dispute Resolution provision of this Consent Agreement and the dispute resolution procedures as established pursuant to Health and Safety Code section 25269.2 DTSC reserves its right to recover unpaid costs under applicable state and federal laws.
- 20.7 All payments shall be made within 30 days of receipt of the billing statement by check payable to the Department of Toxic Substances Control and shall be sent to:

Accounting Unit
Department of Toxic Substances Control
P O. Box 806
Sacramento, California 95812-0806

All checks shall reference the name of the Facilities, the Respondents' names and address, and the docket number of this Consent Agreement. Copies of all checks and letters transmitting such checks shall be sent simultaneously to DTSC's Project Coordinator.

#### **MODIFICATION**

- 21.1 This Consent Agreement may be modified by mutual agreement of the parties. Any agreed modification shall be in writing, shall be signed by both parties, shall have as its effective date the date on which it is signed by all the parties, and shall be deemed incorporated into this Consent Agreement.
- 21.2 Any requests for revision of an approved workplan requirement must be in writing Such requests must be timely and provide justification for any proposed workplan revision. DTSC has no obligation to approve such requests, but if it does so, such approval will be in writing and signed by Mr. Stephen W. Lavinger, Chief, Tiered Permitting Corrective Action Branch, Hazardous Waste Management Program, Department of Toxic Substances Control, or his or her designee Any approved workplan revision shall be incorporated by reference into this Consent Agreement

# **TERMINATION AND SATISFACTION**

The provisions of this Consent Agreement shall be deemed satisfied upon the execution by both parties of an Acknowledgment of Satisfaction ("Acknowledgment"). DTSC will prepare the Acknowledgment for Respondents' signature. The Acknowledgment will specify that Respondents have demonstrated to the satisfaction of DTSC that the terms of this Consent Agreement including payment of DTSC's costs have been satisfactorily completed. The

Acknowledgement will affirm Respondents' continuing obligation to preserve all records after the rest of the Consent Agreement is satisfactorily completed.

# **EFFECTIVE DATE**

23. The effective date of this Consent Agreement shall be the date on which this Consent Agreement is signed by all the parties. Except as otherwise specified, "days" means calendar days.

# **SIGNATORIES**

24. Each undersigned representative certifies that he or she is fully authorized to enter into this Consent Agreement.

DATE: March 5, 2007 BY: Original signed by Stephen Larsen

Stephen Larsen

President

CalEnergy Operating Corporation

Representing Respondents

DATE: Original March 7, 2007 BY: Original signed by Stephen Lavinger

Chief, Tiered Permitting Corrective Action Branch

Hazardous Waste Management Program Department of Toxic Substances Control

# **ATTACHMENT A**

# SCOPE OF WORK FOR PROGRESS REPORTS

Progress reports shall, at a minimum, include:

- 1 All actions taken during the reporting period to achieve compliance with the Order;
- 2. A summary of any findings made during the reporting period;
- 3. All problems or potential problems encountered during the reporting period (also discuss problem solutions);
- 4. All projected work for the next reporting period as well as anticipated problems and avoidance measures;
- 5. A discussion of any changes in personnel that occurred during the reporting period;
- 6. Summaries of all contacts with representatives of the press local community or public interest groups; and
- 7 If requested by the Department, the results of any sampling, tests or other data generated during the Facility Investigation.

# **EXHIBIT B**

# COST ESTIMATE WORKSHEET CORRECTIVE ACTION CONSENT AGREEMENT

**Project Name: CalEnergy Corporation** 

	Class		PEA Investigation		Risk	Community	Health &	Total	Rate	Totai	
PROGRAMS	Code	Class Name	Workpla	n Oversight	Report	Assessment	Profile	Safety Plan	Hours	(\$/hr)	Cost
HWMP	3564	HSS	18	18	16	12	4	12	80	\$105	\$8,400
	3566	SHSSI	4	4	4	2		2	16	\$121	\$1,936
	3567	SHSSI				•		,	0	\$139	\$0
	1181	WPT	2		2				4	\$57	\$228
Public Participation	5373	PPS				•	12		12	\$98	\$1,176
	5372	PPSupervisor							0	\$117	\$0
Legal Counsel	5778	Supervisor							0	\$151	\$0
Toxicologist	7978	Staff		•	16	16			32	\$142	\$4,544
	7943	Senior		•					Ö	\$149	\$0
OPAEA	4713	Senior							0	\$129	\$0
Hydro/Geologist	3756	HSEG	16	16	16				48	\$123	\$5,904
	3751	SHSEGI				•			0	\$133	\$0
	3729	SHSEG							0	\$133	\$0
Industrial Hygienist	3852	Senior		4				16	20	\$130	\$2,600
· •		Total	40	42	54	30	16	30	212	TOTAL =	\$24,788

This estimate assumes only for PEA. Amendment to Consent Agreement may be needed if IM is required basded on PEA investigation.

- \* Note: This cost estimate does not include any other additional work that may be required but a cost estimate will be provided upon completion of PEA report.
- + PEA Investigation:Review/comment on workplan/report and field oversight
- + Community Profile: Review/comment of Community Profile data and report Fact Sheet, Public Notice, Public meeting
- + Hourly Rates are DTSC Contract Estimation Rates effective 7/01/06 6/30/07. (Hourly Rate + Indirect @ 157.67%)
- \* The estimate is for each PEA investigation. A total of 5 PEA will be performed.