

STATE OF CALIFORNIA
ENVIRONMENTAL PROTECTION AGENCY
DEPARTMENT OF TOXIC SUBSTANCES CONTROL

IN THE MATTER OF:

Bio-Rad Laboratories, Inc.
3110 Regatta Boulevard
Richmond, California

EPA ID: CAD981453871

Respondent.

Docket HWCA SRPD 00/01SCC-4219

CORRECTIVE ACTION
CONSENT AGREEMENT

Health and Safety Code
Sections 25187 and 25200.14

INTRODUCTION

1.1. The Department of Toxic Substances Control (DTSC) and Bio-Rad Laboratories, Inc. (Respondent) enter into this Corrective Action Consent Agreement (Consent Agreement) and agree as follows:

1.2. Jurisdiction exists pursuant to Health and Safety Code (HSC) sections 25187 and 25200.14, which authorize DTSC to issue an order to require corrective action when DTSC determines that there is or may be a release of hazardous waste or hazardous waste constituents into the environment from a hazardous waste facility.

1.3. The parties enter into this Consent Agreement to avoid the expense of litigation and to carry out promptly the corrective action described below. Nothing herein constitutes an admission of liability or an admission of any fact stated herein by Respondent in this matter.

1.4. Respondent is the owner and operator of a hazardous waste facility located at 3110 Regatta Boulevard, Richmond, California (Facility).

1.5. Respondent engages in the management of hazardous waste pursuant to a Conditional Authorization issued by DTSC on March 23, 1993.

1.6. The terms used in this Consent Agreement are as defined in Section 66260.10 of Title 22 of the California Code of Regulations (Cal. Code Regs.), except as otherwise provided.

1.7. Respondent agrees to undertake all actions required by the terms and conditions of this Consent Agreement.

1.8. Respondent waives any right to request a hearing on this Consent Agreement pursuant to HSC section 25187. However, Respondent reserves its right to seek judicial review of any final decision by DTSC with regard to any work that Respondent is required to perform under this Consent Agreement.

FINDINGS OF FACT

2.1. On March 24, 1997, Respondent submitted a Phase I Environmental Assessment Checklist to DTSC pursuant to HSC section 25200.14 (Phase I). The Phase I identified ten areas of concern (AOCs) that either have released or may release hazardous waste or hazardous waste constituents into the environment.

2.2. Based on the site visit conducted by DTSC on January 13, 1998 and the sampling results reported in the Site Investigation Report dated March 9, 1998, DTSC has concluded that additional investigation is required in only five of the ten AOCs.

2.3. The above-referenced additional investigation was performed and the results were reported in the Site Investigation Report dated October 19, 1998. The additional investigation detected elevated levels of chloroform in subsurface soil samples in an area north of Pad 5 and DTSC has concluded that additional investigation of soil and groundwater is required in that area.

2.4. Results of that further site investigation were presented in a Soil and Groundwater Sampling Results report dated April 26, 1999, which showed that soil and groundwater at the chloroform tank farm area near Pad 5 have been impacted by chloroform.

2.5. Based on review of the Phase I Checklist, the site inspection conducted on January 13, 1998, the Soil and Groundwater Sampling Results report dated April 26, 1999, and site visit on July 2, 2001, DTSC concludes that further investigation is needed

to determine the nature and extent of contamination in the chloroform tank farm area adjacent to Pad 5 and Pad 6.

2.6. The hazardous waste and hazardous waste constituents at the Facility include hydrocarbons, acids, bases, heavy metals, and Semi Volatile and Volatile Organic Compounds (Chloroform in particular).

2.7. The hazardous wastes or hazardous waste constituents have migrated or may migrate from the Facility into the environment through the following pathways: soil and groundwater.

2.8. The Facility is located near a heavy industrial zone with the Richmond Inner Harbor and the San Francisco Bay to the south.

PROJECT COORDINATOR

3. Within fourteen (14) days of the effective date of this Consent Agreement, DTSC and Respondent 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 Respondent 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. Respondent agrees to conduct further investigation and remediation of any release of hazardous waste at or from the Chloroform Tank Farm pursuant to this Consent Agreement in a manner consistent with: the attached Scopes of Work; any DTSC-approved Workplans; HSC and other applicable state and federal laws and their

implementing regulations; and applicable DTSC and USEPA guidance documents. Applicable guidance documents include, but are not limited to, Test Methods For Evaluating Solid Waste" (SW-846), and Reporting Hydrogeologic Characterization Data at Hazardous Substance Release Sites - Guidance Manual for Ground Water Investigations (State of California Environmental Protection Agency, July 1995).

INTERIM MEASURES (IM)

5.1. If DTSC determines, based on the Final Report, that Interim Measures are necessary to address any release of hazardous waste at or from the Chloroform Tank Farm , within 30 days of Respondent's receipt of DTSC's determination, Respondent shall submit to DTSC a Workplan for the Implementation of Interim Measures ("IM Workplan"). The IM Workplan is subject to approval by DTSC and shall address all Interim Measures necessary to achieve stabilization of any release of hazardous waste at or from the Chloroform tank farm. The IM Workplan shall include a schedule for submitting to DTSC an IM Operation and Maintenance Plan and IM Plans and Specifications. The IM Workplan, IM Operation and Maintenance Plan, and IM Plans and Specifications shall be developed in a manner consistent with the Scope of Work for Interim Measures Implementation appended as Attachment 1.

5.2. Respondent shall continue to evaluate the available data and assess the need for Interim Measures to address any release of hazardous waste at or from the Chloroform Tank Farm. If at any time Respondent identifies an immediate or potential threat to human health and/or the environment, discovers new releases of hazardous waste and/or hazardous waste constituents not previously identified, Respondent shall notify DTSC Project Coordinator orally within 48 hours of discovery and notify DTSC in writing within 10 days of discovery summarizing the findings, including the immediacy and magnitude of the potential threat to human health and/or the environment. Within 30 days of receiving DTSC's written request, Respondent shall submit to DTSC an

Interim Measures (IM) Workplan for approval. The IM Workplan shall include a schedule for submitting to DTSC an IM Operation and Maintenance Plan and IM Plans and Specifications. The IM Workplan is subject to approval by DTSC and shall provide for the performance of all Interim Measures necessary to achieve stabilization of any release of hazardous waste at or from the Chloroform Tank Farm. If DTSC determines that immediate action is required, DTSC Project Coordinator may orally authorize the Respondent to act prior to DTSC's receipt of the IM Workplan.

5.3. If DTSC identifies an immediate or potential threat to human health and/or the environment, discovers new releases of hazardous waste and/or hazardous waste constituents not previously identified, DTSC will notify Respondent in writing. Within 30 days of receiving DTSC's written notification, Respondent shall submit to DTSC for approval an IM Workplan that identifies Interim Measures that will mitigate the threat. The IM Workplan shall include a schedule for submitting to DTSC an IM Operation and Maintenance Plan and IM Plans and Specifications. The IM Workplan is subject to approval by DTSC and shall address all Interim Measures necessary to achieve stabilization of any release of hazardous waste at or from the Chloroform Tank Farm. If DTSC determines that immediate action is required, DTSC Project Coordinator may orally authorize Respondent to act prior to receipt of the IM Workplan.

5.4. All IM Workplans shall ensure that the Interim Measures are designed to mitigate current or potential threats to human health and/or the environment, and should, to the extent practicable, be consistent with the objectives of, and contribute to the performance of, any remedy which may be required to address any release of hazardous waste at or from the Chloroform Tank Farm.

5.5. Concurrent with the submission of an IM Workplan, Respondent shall submit to DTSC a Health and Safety Plan in accordance with the Scope of Work for a Health and Safety Plan, Attachment 2.

5.6. Concurrent with the submission of an IM Workplan, Respondent shall submit for DTSC approval a Community Profile in accordance with Attachment 3. Based on the information provided in the Community Profile, if DTSC determines that there is a high level of community concern about the Facility, DTSC may require Respondent to prepare a Public Participation Plan.

FACILITY INVESTIGATION (FI)

6.1. Within 60 days of the effective date of this Consent Agreement, Respondent shall develop and submit a Facility Investigation Workplan (FI Workplan) to address any release of hazardous waste at or from the Chloroform Tank Farm in a manner consistent with the Scope of Work for a Facility Investigation contained in Attachment 4. DTSC will review the FI Workplan and notify Respondent in writing of DTSC's approval or disapproval.

6.2. The FI Workplan shall detail the methodology to: (1) gather data needed to make decisions on interim measures/ stabilization during the early phases of the Facility Investigation; (2) identify and characterize all sources of contamination; (3) define the nature, degree and extent of contamination; (4) define the rate of movement and direction of contamination flow; (5) characterize the potential pathways of contaminant migration; (6) identify actual or potential human and/or ecological receptors; and (7) support development of alternatives from which a corrective measure will be selected by DTSC. A specific schedule for implementation of all activities shall be included in the FI Workplan.

6.3. Respondent shall submit to DTSC for approval a Facility Investigation Report (FI Report) to document the implementation of the DTSC-approved FI Workplan as set forth above in accordance with DTSC-approved Workplan schedule. The FI Report shall be developed in a manner consistent with the Scope of Work for a Facility

Investigation contained in Attachment 4. If there is a phased investigation, separate Reports and a report that summarizes the findings from all parts of the FI must be submitted to DTSC. DTSC will review the Report(s) and notify Respondent in writing of DTSC's approval or disapproval.

6.4. Concurrent with the submission of a Workplan, Respondent shall submit to DTSC a Health and Safety Plan in accordance with Attachment 2. If Workplans for both an IM and FI are required by this Consent Agreement, Respondent may submit a single Health and Safety Plan that addresses the combined IM and FI activities.

6.5. Concurrent with the submission of a FI Workplan, Respondent shall submit for DTSC approval a Community Profile in accordance with Attachment 3. Based on the information provided in the Community Profile and any Supplement to the Community Profile, DTSC will determine the level of community interest. Depending on the level of community interest, DTSC will decide, based on reasonable criteria, which public participation activities are necessary. These activities may include a Facility Investigation Fact Sheet (FI Fact Sheet), a public participation plan, a public notice and a public meeting. If a Community Profile has been prepared in connection with an earlier submittal, this section may be deleted, or may be revised to require a supplement to the Community Profile, if necessary.

6.6. Respondent shall conduct a Risk Assessment and shall include a Risk Assessment Report in the final Facility Investigation Report. Respondent shall evaluate the results of all sampling, tests and other data generated during the Facility Investigation in comparison with the current health-based screening levels for each contaminant.

CORRECTIVE MEASURES STUDY (CMS)

7.1. Respondent shall prepare a Corrective Measures Study if contaminant concentrations at or from the Chloroform Tank Farm exceed current health-based action

levels and/or if DTSC determines that the contaminant releases pose a potential threat to human health and/or the environment.

7.2. Within 60 days of DTSC's approval of the FI Report, Respondent shall submit a CMS Workplan to DTSC. The CMS Workplan is subject to approval by DTSC and shall be developed in a manner consistent with the Scope of Work for a Corrective Measures Study contained in Attachment 5.

7.3. The CMS Workplan shall detail the methodology for developing and evaluating potential corrective measures to remedy any contamination at or from the Chloroform Tank Farm. The CMS Workplan shall identify the potential corrective measures, including any innovative technologies, that may be used for the containment, treatment, remediation, and/or disposal of contamination.

7.4. Respondent shall prepare treatability studies for all potential corrective measures that involve treatment except where Respondent can demonstrate to DTSC's satisfaction that they are not needed. The CMS Workplan shall include, at a minimum, a summary of the proposed treatability study including a conceptual design, a schedule for submitting a treatability study workplan, or Respondent's justification for not proposing a treatability study.

7.5. Respondent shall submit a CMS Report to DTSC for approval in accordance with DTSC-approved CMS Workplan schedule. The CMS Report shall be developed in a manner consistent with the Scope of Work for a Corrective Measures Study contained in Attachment 5. DTSC will review the CMS Report and notify Respondent in writing of DTSC's approval or disapproval.

REMEDY SELECTION

8.1. DTSC will provide the public with an opportunity to review and comment on the final draft of the CMS Report, DTSC's proposed corrective measures for the Facility, and DTSC's justification for selection of such corrective measures. Based on the

information provided in the Community Profile and any Supplement to the Community Profile, if DTSC determines that there is a high level of community concern about the Facility, DTSC may require Respondent to prepare a Public Participation Plan and may conduct a public hearing to obtain comments.

8.2. Following the public comment period, DTSC may select final corrective measures or require Respondent to revise the CMS Report and/or perform additional corrective measures studies.

8.3. DTSC will notify Respondent of the final corrective measures selected by DTSC in the Final Decision and Response to Comments. The notification will include DTSC's reasons for selecting the corrective measures.

CORRECTIVE MEASURES IMPLEMENTATION (CMI)

9.1. Within 60 days of Respondent's receipt of notification of DTSC's selection of the corrective measures, Respondent shall submit to DTSC a Corrective Measures Implementation (CMI) Workplan. The CMI Workplan is subject to approval by DTSC and shall be developed in a manner consistent with the Scope of Work for Corrective Measures Implementation contained in Attachment 6.

9.2. Concurrent with the submission of a CMI Workplan, Respondent shall submit to DTSC a Health and Safety Plan in accordance with Attachment 2.

9.3. Concurrent with the submission of a CMI Workplan, Respondent shall submit for DTSC approval a Community Profile in accordance with Attachment 3. Based on the information provided in the Community Profile and any Supplement to the Community Profile, if DTSC determines that there is a high level of community concern about any hazardous waste release at or from the Chloroform Tank Farm. DTSC may require Respondent to prepare a Public Participation Plan.

9.4. The CMI program shall be designed to facilitate the design, construction, operation, maintenance, and monitoring of corrective measures at or from the

Chloroform Tank Farm. In accordance with the schedule contained in the approved CMI Workplan, Respondent shall submit to DTSC the documents listed below. These documents shall be developed in a manner consistent with the Scope of Work for Corrective Measures Implementation contained in Attachment 6.

- o Operation and Maintenance Plan
- o Draft Plans and Specifications
- o Final Plans and Specifications
- o Construction Workplan
- o Construction Completion Report
- o Corrective Measures Completion Report

9.5. DTSC will review all required CMI documents and notify Respondent in writing of DTSC's approval or disapproval.

9.6. As directed by DTSC, within 90 days of DTSC's approval of all required CMI documents, Respondent shall establish a financial assurance mechanism for Corrective Measures Implementation. The financial assurance mechanisms may include a performance or surety bond, liability insurance, an escrow performance guarantee account, a trust fund, financial test, or corporate guarantee as described in Title 22 Cal. Code Regs. section 66265.143 or any other mechanism acceptable to DTSC. The mechanism shall be established to allow DTSC access to the funds to undertake Corrective Measures Implementation tasks if Respondent is unable or unwilling to undertake the required actions.

CALIFORNIA ENVIRONMENTAL QUALITY ACT

10. DTSC must comply with the California Environmental Quality Act (CEQA) insofar as activities required by this Consent Agreement are projects subject to CEQA. Respondent shall provide all information in its possession or control necessary to facilitate any CEQA analysis. DTSC 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, DTSC will determine if a Negative Declaration or an Environmental Impact Report (EIR) should be prepared. DTSC 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 Respondent.

DTSC APPROVAL

11.1. Respondent shall revise any workplan, report, specification, or schedule in accordance with DTSC's written comments. Respondent 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.

11.2. Upon receipt of DTSC's written approval, Respondent shall commence work and implement any DTSC-approved IM, FI, CMS, or CMI workplan in accordance with the schedule and provisions contained therein.

11.3. Any DTSC-approved workplan, report, specification, or schedule required under this Consent Agreement shall be deemed incorporated into this Consent Agreement.

11.4. Verbal advice, suggestions, or comments given by DTSC representatives will not constitute an official approval or decision.

11.5. DTSC should not unreasonably withhold its approval with regard to any document or activity that is subject to DTSC's approval under this Consent Agreement.

SUBMITTALS

12.1. Beginning with the first full month following the effective date of this Consent Agreement, Respondent shall provide DTSC with quarterly progress reports of corrective action activities conducted pursuant to this Consent Agreement. Progress reports are due on the first (1st) day of the month when reports are due. The progress

reports shall conform to the Scope of Work for Progress Reports contained in Attachment 7. DTSC may adjust the frequency of progress reporting to be consistent with site-specific activities.

12.2. Any report or other document submitted by Respondent pursuant to this Consent Agreement shall be signed and certified by the Project Coordinator, a responsible corporate officer, or a duly authorized representative.

12.3. The certification required by paragraph 12.2 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: _____

12.4. Respondent shall provide two copies of all documents, including but not limited to, workplans, reports, and correspondence of fifteen (15) pages or longer. Submittals specifically exempted from this copy requirement are all progress reports and correspondence of less than 15 pages, of which one copy is required.

12.5. 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

13. 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. Respondent's 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, Respondent shall notify 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.

ADDITIONAL WORK

14.1. DTSC may reasonably determine or Respondent may propose that certain tasks, including investigatory work, engineering evaluation, or procedure/methodology modifications are necessary in addition to, or in lieu of, the tasks and deliverables included in any part of DTSC-approved workplans. DTSC shall request in writing that Respondent perform the additional work and shall specify the basis and reasons for DTSC's determination that the additional work is necessary. Within fourteen (14) days after the receipt of such determination, Respondent may confer with DTSC to discuss the additional work DTSC has requested. If agreed to by DTSC and Respondent, Respondent shall submit a workplan to DTSC for the additional work. Such workplan shall be submitted to DTSC within sixty (60) days of receipt of DTSC's determination or according to an alternate schedule reasonably established by DTSC. If Respondent is to conduct such additional investigation, upon approval of a workplan, Respondent shall implement it in accordance with the provisions and schedule contained therein. The need for, and disputes concerning, additional work are subject to the dispute resolution procedures specified in this Consent Agreement. If it becomes necessary to perform a subsequent phase of work, and if Respondent agrees to do so, Respondent agrees the associated additional costs incurred will be payable under this Consent Agreement.

DTSC reserves its right to issue an order or take any other action provided by law, if the Respondent refuses to perform the subsequent work or to pay the associated additional costs incurred.

14.2. If it becomes necessary to perform any additional investigation or remediation at any area other than the Chloroform Tank Farm area, DTSC and Respondent 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 by law. DTSC's costs incurred in negotiating the amendment are considered costs incurred pursuant to this Consent Agreement and are payable under this Consent Agreement.

QUALITY ASSURANCE

15.1. All sampling and analyses performed by Respondent under this Consent 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 (e.g., FI Report).

15.2. The names, addresses, and telephone numbers of the California State certified analytical laboratories Respondent proposes to use must be specified in the applicable workplans.

SAMPLING AND DATA/DOCUMENT AVAILABILITY

16.1. Respondent 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.

16.2. Respondent 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 Respondent believes it must commence emergency field activities without delay, Respondent may seek emergency telephone authorization from DTSC Project Coordinator or, if the Project Coordinator is unavailable, his/her Branch Chief, to commence such activities immediately.

16.3. At the request of DTSC, Respondent shall provide or allow DTSC or its authorized representative to take split or duplicate samples of all samples collected by Respondent pursuant to this Consent Agreement. Similarly, at the request of Respondent, DTSC shall allow Respondent or its authorized representative to take split or duplicate samples of all samples collected by DTSC under this Consent Agreement.

ACCESS

17. Subject to the Facility's security and safety procedures, and upon reasonable notice if deemed feasible by DTSC, Respondent agrees to provide DTSC and its representatives access at all reasonable times to the Facility and any other property to which access is required for implementation of this Consent Agreement and shall permit such persons to inspect and copy all non-privileged 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 Respondent or its contractors or consultants.

RECORD PRESERVATION

18.1. Respondent 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 Facility. Respondent shall notify

DTSC in writing ninety (90) days prior to the destruction of any such records, and shall provide DTSC with the opportunity to take possession of any such records. Such written notification shall reference the effective date, caption, and docket number of this Consent Agreement and shall be addressed to:

Branch Chief
Southern California Branch
Statewide Regulatory Programs Division
Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90630

18.2. If Respondent retains or employs any agent, consultant, or contractor for the purpose of carrying out the terms of this Consent Agreement, Respondent will require any such agents, consultants, or contractors to provide Respondent a copy of all documents produced pursuant to this Consent Agreement.

18.3. All documents pertaining to this Consent Agreement shall be stored in a central location at the Facility, or a location agreed to by the parties, to afford ease of access by DTSC and its representatives.

DISPUTE RESOLUTION

19.1. 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 Respondent does not follow the procedures contained in this section, it shall have waived its right to further consideration of the disputed issue.

19.2. If Respondent disagrees with any written decision by DTSC pursuant to this Consent Agreement, Respondent's Project Coordinator shall orally notify DTSC Project Coordinator of the dispute. The Project Coordinators shall attempt to resolve the dispute informally.

19.3 If the Project Coordinators cannot resolve the dispute informally, Respondent may pursue the matter formally by placing its objection in writing. Respondent's written objection must be forwarded to Chief, Southern California Branch, Statewide Regulatory Programs Division, Department of Toxic Substances Control, with a copy to DTSC Project Coordinator. The written objection must be mailed to the Branch Chief within twenty-one (21) days of Respondent's receipt of DTSC's written decision. Respondent's written objection must set forth the specific points of the dispute and the basis for Respondent's position.

19.4. DTSC and Respondent shall have twenty-one (21) days from DTSC's receipt of Respondent's written objection to resolve the dispute through formal discussions. This period may be extended by DTSC for good cause. During such period, Respondent may meet or confer with DTSC to discuss the dispute.

19.5. After the formal discussion period, DTSC will provide the Respondent 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 Chief, Southern California Branch, Statewide Regulatory Programs Division, Department of Toxic Substances Control, or his/her designee.

19.6. During the pendency of all dispute resolution procedures set forth above, the time periods for completion of work to be performed 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

20.1. DTSC reserves all of its statutory and regulatory powers, authorities, rights, and remedies, both legal and equitable, which may pertain to Respondent's

failure to comply with any of the requirements of this Consent Agreement. Respondent reserves all of its 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 rights, remedies, powers, or authorities, civil or criminal, that DTSC has under any statutory, regulatory, or common law authority.

20.2. DTSC reserves the right to disapprove of work performed by Respondent pursuant to this Consent Agreement and to request that Respondent perform additional tasks.

20.3. 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 Respondent for costs incurred by the State of California with respect to such actions. DTSC will notify Respondent in writing as soon as practicable regarding the decision to perform any work described in this section.

20.4. 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 Respondent is not capable of undertaking any of the work required, DTSC may order Respondent to stop further implementation of this Consent Agreement for such period of time as DTSC determines may be needed to abate or redress 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 Respondent under this Consent Agreement affected by the order to stop work shall be extended to take into account DTSC's actions.

20.5. This Consent Agreement is not intended to be nor shall it be construed to be a permit. 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 Respondent with the terms of this Consent Agreement shall not relieve Respondent of its obligations to comply with HSC or any other applicable local, state, or federal law or regulation.

OTHER CLAIMS

21. Except as provided in this Consent Agreement, nothing in this Consent Agreement shall constitute or be construed as a release 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 Facility.

OTHER APPLICABLE LAWS

22. All actions required to be taken pursuant to this Consent Agreement shall be undertaken in accordance with the requirements of all local, state, and federal laws and regulations.

REIMBURSEMENT OF DTSC'S COSTS

23.1. Respondent shall pay DTSC's costs incurred in the implementation of this Consent Agreement. Such costs shall include DTSC's costs, if any, incurred in the preparation and implementation of this Consent Agreement prior to the effective date of this Consent Agreement.

23.2. An estimate of DTSC's costs is attached as Exhibit A showing the amount of \$18,150. It is understood by the parties that this amount is only an estimate for those activities shown in Exhibit A, and may differ from the actual costs incurred by DTSC in implementing this Consent Agreement, and does not represent the total costs incurred by DTSC in overseeing all activities required at the Facility under this Consent Agreement. DTSC will provide additional cost estimates for the subsequent phases of work, if required, as the work progresses.

23.3. Respondent shall make an advance payment to DTSC in the amount of \$9075 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 25 of this Consent Agreement.

23.4. DTSC shall provide Respondent with a billing statement at least quarterly, which will include the name of the employee, identification of the activity, the amount of time spent on each activity, and the hourly rate charged. If Respondent does not pay an invoice within 60 days, the amount is subject to interest as provided by HSC section 25360.1.

23.5. 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 which support the Department's cost determination available for inspection upon request, as provided by the Public Records Act.

23.6. Any dispute concerning costs pursuant to this Consent Agreement is subject to the Dispute Resolution provision of this Consent Agreement. DTSC reserves its right to recover unpaid costs under applicable state and federal laws.

23.7. All payments shall be made within 30 days of the date 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 Facility, the Respondent's name 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

24.1. This Consent Agreement may be modified by mutual agreement of the parties. Any agreed modifications shall be in writing, shall be signed by both parties, shall have as their effective date the date on which they are signed by DTSC, and shall be deemed incorporated into this Consent Agreement.

24.2. 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 the Chief, Southern California Branch, Statewide Regulatory Programs Division, Department of Toxic Substances Control, or his or her designee. Any approved workplan modification shall be incorporated by reference into this Consent Agreement.

TERMINATION AND SATISFACTION

25. 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 Respondent's signature. The Acknowledgment will specify that Respondent has demonstrated to the satisfaction of

DTSC that the terms of this Consent Agreement including payment of DTSC's costs have been satisfactorily completed. The Acknowledgment will affirm Respondent's continuing obligation to preserve all records after the rest of the Consent Agreement is satisfactorily completed.

EFFECTIVE DATE

26. 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

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

DATE: April 2, 2002

BY: Original signed by Sanford Wadler
Vice President and General Counsel
Print Name and Title of Respondent

DATE: April 4, 2002

BY: Original signed by Stephen W. Lavinger
Southern California Branch
Statewide Regulatory Programs Division
Department of Toxic Substances Control

This Corrective Action Consent Agreement posted on DTSC's website does not include all attachments from the original document. If you need copies of a specific document, please contact the DTSC project manager listed in the document.