

**California Regional Water Quality Control Board
San Diego Region
Cleanup Team**

RESPONSES TO SELECTED WRITTEN COMMENTS ON

Revisions to Tentative Cleanup and Abatement Order No. R9-2011-0001 and Draft Technical Report for the Shipyard Sediment Site, San Diego Bay (dated September 15, 2011)

Proposed Final Environmental Impact Report Shipyard Sediment Remediation Project, San Diego Bay, California (released on September 15, 2011)

AND REVISIONS TO

Tentative Cleanup and Abatement Order No. R9-2011-0001 and Draft Technical Report

Proposed Final Environmental Impact Report

November 2, 2011

STATE OF CALIFORNIA

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MATT RODRIQUEZ, Agency Secretary, California Environmental Protection Agency



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TABLE OF CONTENTS

INTRODUCTION.....	1
RESPONSES TO SELECTED WRITTEN COMMENTS ON:	
A. Revisions to Tentative Cleanup and Abatement Order No. R9-2011-0001 and Draft Technical Report for the Shipyard Sediment Site, San Diego Bay (dated September 15, 2011).....	3
1. NASSCO’s Comments A and B from October 19, 2011.....	3
2. BAE Systems’ Comments I.A, I.B, and I.C from October 19, 2011.....	5
B. Proposed Final Environmental Impact Report Shipyard Sediment Site Remediation Project, San Diego Bay, California (released on September 15, 2011).....	6
Response to NASSCO’s Comments on the Proposed Final EIR from October 19, 2011.....	6
REVISIONS TO:	
A. Tentative Cleanup and Abatement Order No. R9-2011-0001.....	11
Introduction.....	11
Finding 32 – Alternative Cleanup Levels (Pages 15).....	13
Finding 41 – Cost Recovery (Pages 19-20).....	14
Directive D.4 – Trigger Exceedance Investigation and Characterization & Directive D.5 – Trigger Exceedance Investigation and Characterization Report(Page31).....	16
Provision G.1 – Cost Recovery (Pages 32-33).....	17
B. Draft Technical Report.....	19
Section 18.2 – Sediment Chemistry Ranking (Pages 18-4 through 18-6).....	21
Section 31.1 – Evaluation of Economic Feasibility of Cleaning Up to Background (Page 31-2).....	24
Section 32 – Finding 32: Alternative Cleanup Levels (Page 32-1).....	25
Section 32.3 – Alternative Cleanup Levels Protect Aquatic-Dependent Wildlife Beneficial Uses (Pages 32-12 and 32-13).....	26
Section 32.7.1 – Technological and Economical Feasibility (Pages 32-40 and 32-41).....	28
Section 34.1.2 – Sediment Conditions (Page 34-3).....	30
C. Proposed Final Environmental Impact Report.....	31

Section 4.2.4.2 – Mitigation Measures (Pages 4.2-20 and 4.2-21).....	32
Section 4.3.1.1 – Project Site Conditions (Page 4.3-2).....	34
Section 4.5.2.1 – Federal Regulations (Page 4.5-35).....	35
Section 7.2 – Mitigation Monitoring Procedures, Table 7-1.....	36
D. Tentative Resolution No. R9-2011-0072 Certifying the Final Environmental Impact Report for the Shipyard Sediment Remediation Project, San Diego Bay, California.....	39
Exhibit A, Finding 23.b.i – Water Quality Impacts (Page 17).....	40
Exhibit A, Finding 23.e.ii – Impacts to Fish/EFH (Pages 39 and 40).....	41
Exhibit B – Mitigation Monitoring and Reporting Program (Pages 8 of 29 and 9 of 29).....	43

APPENIDIX – DOCUMENTATION SUPPORTING TCAO FINDING 41 (COST RECOVERY)

INTRODUCTION

Consistent with the Third Amended Order of Proceedings, as amended by the Hearing Outline dated July 12, 2011, this report responds to written comments the on:

- *Revisions to Tentative Cleanup and Abatement Order No. R9-2011-0001 and Draft Technical Report for the Shipyard Sediment Site, San Diego Bay* dated September 15, 2011. Comments were received from NASSCO and BAE Systems.
- *Proposed Final Environmental Impact Report (EIR), Shipyard Sediment Remediation Project, San Diego Bay, California* (released on September 15, 2011). Comments were received from NASSCO and the U.S. Fish and Wildlife Service.

This report also provides revisions to:

- Tentative Cleanup and Abatement Order (TCAO) R9-2001-0001, and the Draft Technical Report (DTR). The revisions were made in by the San Diego Water Board's Cleanup Team (Cleanup Team) in response to the October 19, 2011 comments received, and to correct typographical, style, format, and other errors needed for clarity and consistency. Revisions are shown in underline/strikeout text.
- Proposed Final EIR (released on September 15, 2011). Revisions were made by the Cleanup Team in response to comments received on the Proposed Final EIR, and to correct language errors on specific pages needed for clarity and consistency. Revisions are shown in underline/strikeout text.
- Tentative Resolution No. R9-2011-0072 Certifying the Final EIR for the Shipyard Sediment Remediation Project, San Diego Bay, California. The Cleanup Team made revisions to correct language errors on specific pages needed for clarity and consistency. Revisions are shown in underline/strikeout text.

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RESPONSES TO SELECTED WRITTEN COMMENTS ON:

A. Revisions to Tentative Cleanup and Abatement Order No. R9-2011-0001 and Draft Technical Report for the Shipyard Sediment Site, San Diego Bay (dated September 15, 2011)

1. NASSCO's Comments A and B from October 19, 2011

Comment A. The Cleanup Team Must Specify The Oversight Costs For Which It Seeks Recovery, and Demonstrate That Such Expenditures Were Actually Incurred and Reasonable

Response

Pursuant to Water Code sections 13304 and 13365, NASSCO requested that the Cleanup Team either remove the cost recovery language from the TCAO, or enumerate the specific amounts for which recovery is sought, and provide the parties with copies of the materials supporting the recovery of the same, so that the parties can verify the expenses and evaluate whether or not the amounts claimed are reasonable.

To clarify, Tentative Cleanup and Abatement Order (TCAO) No. R9-2011-0001 requires cost recovery under authority of Water Code section 13304 only. Furthermore, the cost recovery procedures in Water Code section 13365 do not govern the recovery of costs authorized by Water Code section 13304. Nonetheless, NASSCO's request for documentation of the costs sought for reimbursement is reasonable. The documentation supporting the specific amounts intended to be recovered is in the Appendix to this report. TCAO Finding 41 has been revised to reflect the costs below:

- \$109,908 for the DM Information Services, Inc. contract to produce the electronic administrative record.
- \$43,287 for the Department of Fish and Game contract for technical consultation services on the fish histopathology and bile studies, and the wildlife risk assessments. This contract involved two projects, the Shipyard Sediment Site and the BF Goodrich site. The spreadsheet titled "Department of Fish and Game Technical Consultation Services" displays the breakdown of the invoiced costs between the two projects. The invoices provide the hours billed to the two projects and the total cost. A ratio of the hours was used to determine the fraction of the total charged to the Shipyard Sediment Site project.
- \$12,009 for the Office of Environmental Health Hazard Assessment contract for technical consultation services on the human health risk assessments.
- \$400,094 for unreimbursed staff services costs. The Appendix to this report includes a summary spreadsheet showing total annual costs from Fiscal Year (FY) 2003-2004 through FY 2010-2011. Note that there are no charges from FY 2007-2008 through FY

2009-2010. Additional spreadsheets breakdown the costs for each FY by staff member, hours, hourly rate, and total amount charged.

- The unpaid invoices billed to NASSCO through June 30, 2011 total \$374,737. The Cleanup Team intends to update this figure to include the invoice for the July 1 through September 30, 2011 period which has not yet been billed. The State Water Resources Control Board should send NASSCO the invoice before the December hearing date for TCAO adoption.
- \$2,889 for the Environmental Impact Report filing fee and the County Clerk processing fee.

The LSA Contract and SCCWRP contract mentioned in Finding 41 have yet to be executed. Thus, there are unlikely to be recoverable costs associated with these pending contracts before the adoption of the TCAO. References to these pending contracts have been deleted from TCAO Finding 41. Revised Finding 41 can be found in Revisions - Section A.

Comment B. The Cleanup Team Must Clarify That Oversight Costs Related To Mediation Are Properly Shared Between All Parties To The Mediation

Response

NASSCO commented that the Cleanup Team singles out NASSCO, and forecasts its intent to recover unspecified sums for “unpaid invoices billed to NASSCO,” noting that “NASSCO has not paid the entire amount billed to its cost recovery account.” NASSCO believes that this statement is misleading, and requested that the TCAO be further revised to enumerate and support the specific costs sought, and make clear that costs pertaining to the TCAO, mediation and related proceedings are properly billed to, and split amongst, all Designated Parties that participated in the same.

The Cleanup Team does not need to apportion the costs incurred during mediation to all designated parties. Apportionment was not stipulated upon entry into mediation and moreover, the San Diego Water Board may charge any one or more responsible parties jointly and severally for oversight costs. The TCAO does not single out NASSCO as responsible for paying its unpaid invoices. Rather, TCAO Provision G.1 seeks reimbursement of this cost, and all others, from all of the Dischargers named in the Order. How those costs are apportioned among the Dischargers must be decided by the Dischargers.

Nevertheless, the Cleanup Team recognizes that NASSCO and BAE Systems are not the only dischargers responsible for cleanup at the Shipyard Sediment Site, but are the only dischargers currently billed for staff costs. Therefore, the Cleanup Team intends to establish a single Cleanup and Abatement Cost Recovery Account chargeable to all of the Dischargers named in the TCAO. This account will be used to recover staff costs pursuant to Water Code sections 13304 and 13365. To facilitate this, the Dischargers will need to designate a single party or entity to receive invoices and make payments. Provision G.1. has been revised to require the Dischargers to provide the San Diego Water Board with the name of a party or entity for this

purpose (see Revisions - Section A). The name and mailing address of the party or entity must be received by the San Diego Water Board within 30-days following adoption of the TCAO. The Cleanup Team can set up this new cost recovery account as soon as the party or entity to handle billing and payment is identified. The Dischargers need not wait until the TCAO is adopted to do this.

2. BAE Systems' Comments I.A, I.B, and I.C from October 19, 2011

Comment I.A. Revised DTR Pages 18-4 and 18-5

BAE Systems commented that there are additional considerations demonstrating that there is ample site specific data to evaluate the potential effects of on tributyltin (TBT) on benthic community health, even without including TBT in the SQGQ1 calculation, which could be included in the revised DTR text. The considerations include recognition that a site specific Lowest Apparent Effects Threshold (LAET) toxicity threshold value for TBT was developed and applied to ensure that areas of the Site exceeding the threshold are included in the remedial footprint. BAE Systems also commented that appropriateness of the use of other chemicals as a surrogate for TBT can be further supported by reference to the chemical correlation coefficients for TBT and copper, HPAH, and total PCB which indicate that cleanup decisions based on SQGQ1 values will address areas with elevated TBT values. The Cleanup Team agrees with the recommendation and has modified DTR Pages 18-4 and 18-5 as suggested. Please see Revisions - Section B.

Comment I.B. Revised DTR Page 32-12

Response

BAE Systems commented that in the modified paragraph the abbreviated quote from the text “all wildlife receptors (excluding the sea lion)” is an important piece of information and recommends omitting the parentheses. The Cleanup Team agrees with the recommendation and has revised DTR Page 32-12 as suggested. Please see Revisions - Section B.

Comment I.C. Revised DTR Page 34-3

Response

BAE Systems commented that in the revised text the phrase “post-remedial dredge area concentrations” is ambiguous and recommends that it should be clarified or replaced. The Cleanup Team agrees that the revised text phrase is ambiguous. The phrase “post-remedial dredge area concentrations” refers to background sediment chemistry concentrations, the phrase used in the original text. The Cleanup Team has revised DTR Page 34-3 to replace “post-remedial dredge area concentrations” with the original phrase “background sediment chemistry levels.” Please see Revisions - Section B.

B. Proposed Final Environmental Impact Report Shipyard Sediment Site Remediation Project, San Diego Bay, California (released on September 15, 2011)

NASSCO's Comments on the Proposed Final EIR from October 19, 2011

NASSCO's October 19, 2011 comments on the FEIR largely repeat the comments it submitted on the Draft EIR, which have already been responded to by the Cleanup Team in the FEIR. Nevertheless, the Cleanup Team provides the following additional responses to clarify some of the issues raised by NASSCO.

Comment I.A. Mitigation Measures Proposed in the FEIR Must Be Economically Feasible Under Resolution 92-49.

NASSCO argues that case law, viewed in the light of State Water Resources Control Board Resolution 92-49, prohibits the San Diego Water Board from adopting measures to mitigate the identified significant adverse environmental impacts that the TCAO Project will have on the environment. NASSCO argues that the San Diego Water Board may not adopt mitigation measures that have not been analyzed under Resolution 92-49 for economic feasibility because so doing would go beyond its regulatory authority. NASSCO's argument fails because economic feasibility analysis under Resolution 92-49 does not control over other considerations, and because there is no legal prohibition on adopting mitigation measures that help ensure cleanups result in the best water quality that is reasonable, or that cleanups achieve water quality consistent with the San Diego Basin Plan and other state and regional water quality objectives.

The cases cited by NASSCO do not support its analysis. In *Kenneth Mebane Ranches v. Superior Court* (1992) 10 Cal.App.4th 276, 291, the court held, not surprisingly, that a flood control district could not exercise its power of eminent domain outside its territorial boundaries to condemn property for environmental mitigation. The *Kenneth Mebane* court reasoned that the flood district was prohibited by statute from exercising its power of eminent domain extra-territorially except as a matter of legal necessity, holding that the requirement of "legal necessity" required a showing that the mitigation was a matter of "urgency or extreme expediency or necessity," or "essential to the declared objects" of the district's project. *Id.*, at 291-292. The court construed the flood district's power of condemnation narrowly under the specific language of the Code of Civil Procedure, reasoning that since the flood district could adopt a statement of overriding considerations, there was no urgency or necessity to the extra-territorial taking. *Ibid.*

Similarly, in *Sequoyah Hills Homeowners Association v. City of Oakland* (1993) 23 Cal.App.4th 704, 715-16, the court held that prohibitory language in the Government Code forbade Oakland from requiring a density reduction as mitigation for a housing project unless there was a specific, adverse impact upon the public health or safety that could not be mitigated without lowering density. *Id.*, at 715. In each case, countervailing, specific Legislative pronouncements about public policy and agency limitations colored the courts' analyses. In *Kenneth Mebane*, the court was balancing the flood district's granted statutory authority against constitutional limits on a government agency's power to take private property for public use only after making evidence

supported findings that doing so is necessary for a lawful public purpose. In *Sequoyah Hills*, the court was balancing the need to offset environmental impacts against the Legislature’s prohibition on so doing when affordable housing is at stake, noting the Legislature’s statement that affordable housing is a critical problem that threatens the quality of life in California and the expressed limitation on housing density reductions. To sum, both cases review CEQA’s mitigation requirements in light of specific Legislatively-adopted limits on the government agency’s authority.

Here, Resolution 92-49, read as a whole, is not prohibitory in the ways the Code of Civil Procedure and Government Code are. The Resolution requires cleanups to “implement permanent cleanup and abatement solutions which do not require ongoing maintenance[.]” Section III.A. Allowing pollutants to spread unmitigated from the dredge footprint would be inconsistent with a permanent solution that does not require ongoing maintenance since chasing the pollutants around the Site would be required. Further, the Resolution expressly contemplates mitigation measures will be adopted as part of cleanups, mandating that waste discharge requirements (WDRs) be adopted when cleaned up contaminants are discharged to land for treatment, storage or disposal, as will be the case here. Section III .F(2)(b). Most critically, however, is the Resolution’s requirement that cleanups result in the “best water quality which is reasonable” if background levels cannot be restored “considering all demands being made and to be made on these water and the total values involved, beneficial and detrimental, economic and social, tangible and intangible[.]” Section III.G. If the TCAO Project’s impacts could not be lawfully mitigated, the San Diego Water Board could not order attainment of the best water quality that is reasonable. The Resolution further requires that any cleanup approved “[n]ot result in water quality less than that prescribed in the Water Quality Control Plans and Policies adopted by the State and Regional Water Boards[.]” Section III.G(3). NASSCO’s reading of the Resolution elevates economic feasibility over all other considerations in the Resolution, which is impermissible. Economic feasibility applies to cleanup levels, and is but one of the considerations in play – not to specific mitigation measures. Under NASSCO’s reading of the Resolution, if a mitigation measure does not result in an incremental benefit to pollution exposure reduction and it has a cost, it cannot be adopted because it is “legally infeasible.” If that were the case, the San Diego Water Board would be required to approve a cleanup plan even though dredging activities could result in existing pollutants being mobilized and spread throughout the Site. The San Diego Water Board would be required under NASSCO’s view to approve a cleanup plan without mitigation that violates the Basin Plan and/or other water quality objectives. These results would be absurd and inconsistent with the purposes of Resolution 92-49. There are simply no mandatory prohibitions against adopting mitigation measures in Resolution 92-49 like those analyzed by the *Kenneth Mebane* and *Sequoyah Hills* courts. In fact, Resolution 92-49 expressly contemplates that cleanups will be conditioned and their impacts controlled. *See* Section III.F *passim*.

Comment I.B The Regional Board May Not Use CEQA Mitigation To Dictate Cleanup Methods.

NASSCO argues that Water Code section 13360(a) prohibits the water boards from specifying how a discharger is to comply with a cleanup and abatement order. The Cleanup Team has

proposed performance standards that must be met by the dischargers to ensure that the significant adverse environmental effects of the Project are mitigated and that dredging and other remedial activities do not result in water quality less than that prescribed in the Basin Plan or other applicable water quality plans and policies. The use of performance standards as mitigation measures is common under CEQA. See eg's. *Oakland Heritage Alliance v. City of Oakland* (2011) 195 Cal.App.4th 884, 895; *Clover Valley Foundation v. City of Rocklin* (2011) 197 Cal.App.4th 200, 237. The FEIR specifically provides that:

It is anticipated that a subsequent discretionary approval(s) will be required to fully comply with the directives of the TCAO Project. Subsequent discretionary approvals will include, at a minimum, a specific Remedial Action Plan requiring a Clean Water Act permit. To the extent it can be demonstrated on the basis of substantial evidence that alternative mitigation measures to those set forth herein are equally or more effective at mitigating the identified potentially significant adverse environmental impacts and at protecting the environment, those mitigation measures may be adopted in lieu of those set forth herein at the time subsequent discretionary approvals are granted.

Thus, the dischargers are in control of the specific aspects of project design and the design of mitigation measures that meet the performance standards the San Diego Water Board has set, and the San Diego Water Board is not dictating the method of compliance with these performance standards.

Comment III The FEIR Fails to Describe Storm Water Discharges To The Site or Evaluate Potential Recontamination

NASSCO argues that the FEIR fails to describe the potential for site recontamination and fails to analyze the potentially significant effects of recontamination from Chollas Creek on the Site. NASSCO's argument "turns CEQA upside down." See *South Orange County Wastewater Authority v. City of Dana Point* (2011) 196 Cal.App.4th 1604, 1614. CEQA does not concern itself with mitigating the environment's impacts on a project, or a project's ability to alleviate adverse existing conditions, but, rather, CEQA is solely concerned with mitigating the impacts of a project on the environment. *Id.*, at 1614-1615. Whether Chollas Creek is currently contributing contaminants to the Site, and whether future contributions may impact beneficial uses at the Site, are not cognizable legal inquiries and "turn CEQA upside down" because they simply do not address the issue of how the remedial project contemplated under the TCAO impacts the environment. NASSCO's argument is essentially one that addresses the efficacy of the TCAO Project itself. Accordingly, it has been addressed at length in the TCAO, DTR and Response to Comments, which provide that recontamination from Chollas Creek is not likely to prevent remedy success in light of upland source control measures and the contemplated Chollas Creek TMDL actions that are currently underway.

Comment XII The Project Is Categorically Exempt From CEQA

The Cleanup Team calls the San Diego Water Board's attention to this argument by NASSCO merely to illustrate the inconsistencies in NASSCO's CEQA and other arguments and comments, and the limitless depths to which NASSCO is willing to sink to criticize the proposed TCAO Project. In one breath, NASSCO argues both that the TCAO Project is categorically exempt from CEQA, but that the FEIR is flawed because it fails to adequately identify storm water impacts from Chollas Creek, imposes infeasible mitigation measures on the dischargers, fails to consider a reasonable range of alternatives, fails to adequately set forth the environmental baseline, and has an insufficient cumulative impacts analysis. NASSCO's inconsistent arguments and legal positions strain credibility.

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REVISIONS TO:

A. Tentative Cleanup and Abatement Order No. R9-2011-0001

This section contains pages from the TCAO that have been revised in response to the comments as discussed in the previous section. In addition to the revisions in response to comments, the Cleanup Team proposes revisions to TCAO Finding 32 and to DTR Section 32 with respect to the findings required by Resolution No. 92-49. Response 31-1 in the September 15th Response to Comments Report contains an extensive discussion clarifying the findings required by Resolution No. 92-49 when setting alternative cleanup levels greater than background. Specifically, alternative cleanup levels must result in the best water quality which is reasonable, considering all demands being made and to be made on those waters and the total values involved, beneficial and detrimental, economic and social, tangible and intangible. Unfortunately, Finding 32 and DTR Section 32 were not subsequently revised to reflect the discussion in the Response to Comments Report. Finding 32 is misleading in its statement that “Resolution No. 92-49 requires that alternative cleanup levels must be set at the lowest levels the discharger demonstrates and the San Diego Water finds is technologically and economically achievable.” This language comes from Title 27 of the California Code of Regulations section 2550.4 which Resolution No. 92-49 says to apply when setting alternative cleanup levels. While the Cleanup Team believes that the alternative cleanup levels proposed in the TCAO are the lowest concentrations that are economically achievable, this consideration cannot be the sole consideration, or a stand-alone requirement for setting alternative cleanup levels in light of the “total values involved” considerations mandated by Resolution No. 92-49. For a full explanation, please see Response 31-1 in the Response to Comments Report.

Finding 32 and DTR Section 32 had been revised to clarify the language of Resolution No. 92-49 with respect to setting alternative cleanup levels that will result in the best water quality which is reasonable in consideration of the total values involved. See Section B.

The Cleanup Team also revised Directives D.4 and D.5 pertaining to the post-remedial monitoring. The TCAO requires the Dischargers to analyze whether or not the remedial goals of the cleanup have been attained. Only the exceedence of a SWAC trigger concentration, however, requires the Dischargers to investigate, characterize, and report on the cause of the exceedence, and to propose an approach to address the exceedence.

The SWAC trigger concentrations are the benchmarks for determining whether the post-remedial SWACs have been maintained at the site during the Post-Remedial monitoring period. The SWAC trigger concentrations, however, are the remedial goal for the protection of aquatic-dependent wildlife and human health-related beneficial uses, not aquatic life-related beneficial uses. The principal remedial goals for assessing aquatic life-related beneficial use protection are the SS-MEQ and 60% LAET thresholds. Therefore, TCAO Directives D.4 and D.5 have been revised to require an investigation and characterization of, and report on an exceedence of an SS-MEQ or 60% LAET threshold, in addition to an exceedence of a SWAC trigger concentration.

The rest of this section is comprised of the individual pages of the TCAO that were revised by the Cleanup Team. The pages are presented in the order of their page numbers with revisions shown in underline and strikeout format.

forth in detail herein, this comparison revealed that the incremental benefit of cleanup diminishes significantly with additional cost beyond a certain cleanup level, and asymptotically approaches zero as remediation approaches background. Based on these considerations, cleaning up to background sediment chemistry levels is not economically feasible.

ALTERNATIVE SEDIMENT CLEANUP LEVELS

32. **ALTERNATIVE CLEANUP LEVELS.** Under State Water Board Resolution No. 92-49, *Policies and Procedures for Investigation and Cleanup and Abatement of Discharges under Water Code Section 13304*, the San Diego Water Board may prescribe alternative cleanup levels less stringent than background sediment chemistry concentrations if attainment of background concentrations is technologically or economically infeasible. Resolution No. 92-49 requires that alternative levels must result in the best water quality which is reasonable if background levels of water quality cannot be restored, considering all demands being made and to be made on these waters and the total values involved, beneficial and detrimental, economic and social, tangible and intangible. ~~be set at the lowest levels the discharger demonstrates and the San Diego Water Board finds is technologically and economically achievable.~~ Resolution No. 92-49 further requires that any alternative cleanup level shall: (1) be consistent with maximum benefit to the people of the state; (2) not unreasonably affect present and anticipated beneficial uses of such water; and (3) not result in water quality less than that prescribed in the Water Quality Control Plans and Policies adopted by the State and Regional Water Boards.

The San Diego Water Board is prescribing the alternative cleanup levels for sediment summarized in the table below to protect aquatic life, aquatic-dependent wildlife, and human health based beneficial uses consistent with the requirements of Resolution No. 92-49. Compliance with alternative cleanup levels will be determined using the monitoring protocols summarized in Finding 34 and described in detail of Section 34 of the Technical Report.

Table 2. Alternative Cleanup Levels: Shipyard Sediment Site

Aquatic Life	Aquatic Dependent Wildlife and Human Health	
Remediate all areas determined to have sediment pollutant levels likely to adversely affect the health of the benthic community.	Surface Weighted Average Concentrations (site-wide)	
	Copper	159 mg/kg
	Mercury	0.68 mg/kg
	HPAHs ¹	2,451 µg/kg
	PCBs ²	194 µg/kg
	Tributyltin	110 µg/kg

1. HPAHs = sum of 10 PAHs: Fluoranthene, Pyrene, Benz[a]anthracene, Chrysene, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Benzo[a]pyrene, Indeno[1,2,3-c,d]pyrene, Dibenz[a,h]anthracene, and Benzo[g,h,i]perylene.

for Investigation and Cleanup and Abatement of Discharges Under Water Code section 13304; and (5) relevant standards, criteria, and advisories adopted by other state and federal agencies.

37. **CALIFORNIA ENVIRONMENTAL QUALITY ACT.** In many cases, an enforcement action such as this could be exempt from the provisions of the California Environmental Quality Act (“CEQA”; Public Resources Code, section 21000 et seq.), because it would fall within Classes 7, 8, and 21 of the categorical exemptions for projects that have been determined not to have a significant effect on the environment under section 21084 of CEQA.⁴ In Resolution No. R9-2010-0115 adopted on September 8, 2010, the San Diego Water Board found that because the tentative CAO presents unusual circumstances and there is a reasonable possibility of a significant effect on the environment due to the unusual circumstances, the tentative CAO is not exempt from CEQA and that an EIR analyzing the potential environmental effects of the tentative CAO should be prepared.

As the lead agency for the tentative CAO, the San Diego Water Board prepared an EIR that complies with CEQA. The San Diego Water Board has reviewed and considered the information in the EIR.

38. **PUBLIC NOTICE.** The San Diego Water Board has notified all known interested persons and the public of its intent to adopt this CAO, and has provided them with an opportunity to submit written comments and recommendations.
39. **PUBLIC HEARING.** The San Diego Water Board has considered all comments pertaining to this CAO submitted to the San Diego Water Board in writing, or by oral presentations at the public hearing held on [date(s) to be inserted]. Responses to relevant comments have been incorporated into the Technical Report for this CAO. In the event that the San Diego Water Board proposes any changes to the Tentative CAO deemed material by the Dischargers, the Dischargers reserve their right to complete the administrative process delineated in the Final Discovery Plan and Second Amended Order of Proceedings, including the rights to conduct discovery, to cross-examine witnesses, and to submit rebuttal evidence, comments and initial and final briefs, subject to revised deadlines to be set by the San Diego Water Board or its designated Presiding Officer.
40. **TECHNICAL REPORT.** The “*Technical Report for Cleanup and Abatement Order No. R9-2011-0001 for the Shipyard Sediment Site, San Diego Bay, San Diego, CA*” is hereby incorporated as a finding in support of this CAO as if fully set forth here verbatim.
41. **COST RECOVERY.** Pursuant to Water Code section 13304, and consistent with other statutory and regulatory requirements, including but not limited to Water Code section 13365, the San Diego Water Board and the State Water Board are entitled to, and will seek reimbursement for all reasonable costs actually incurred to date by the San Diego Water Board and the State Water Board to investigate unauthorized discharges of waste and to oversee cleanup of such waste, abatement of the effects thereof, or other remedial action required by this Order.

⁴ Title 14 CCR sections 15307, 15308, and 15321

Unreimbursed recoverable costs actually incurred by the San Diego Water Board and the State Water Board for the development and issuance of this Cleanup and Abatement Order fall into three categories as listed and described below.

- a. Contracts funded by the State Water Board Cleanup and Abatement Account or other San Diego Water Board contract funds for services in support of the development and issuance of this Cleanup and Abatement Order.
 - i. DM Information Services, Inc. produced the electronic administrative record. This work was paid for with Cleanup and Abatement Account funds and San Diego Water Board contract funds in the amount of \$109,908~~{insert amount}~~.
 - ii. The Department of Fish and Game provided technical consultation services on the fish histopathology and bile studies, and the wildlife risk assessments. This work was paid for with Cleanup and Abatement Account funds in the amount of \$43,287~~{insert amount}~~.
 - iii. The Office of Environmental Health Hazard Assessment provided technical consultation services on the human health risk assessments. This work was paid for with San Diego Water Board contract funds in the amount of \$12,009~~{insert amount}~~.
 - ~~iv. LSA provided technical oversight on the Responses to Comments on the Draft EIR, consultation services to complete the CEQA process. This work was paid for with Cleanup and Abatement Account funds in the amount of \${insert amount}.~~
 - ~~v. SCCWRP provided training and technical consultation services to the Advisory Team on sediment quality triad methods. This work was paid for with Cleanup and Abatement Account funds in the amount of \${insert amount}.~~
- b. Unreimbursed staff services costs. Due to Site Cleanup Program budget constraints, the San Diego Water Board was unable to bill all of the recoverable staff services costs to the NASSCO and BAE Systems cost recovery accounts. The unreimbursed staff costs total \$400,094~~{insert amount}~~.
- c. Unpaid invoices billed to NASSCO. NASSCO has not paid the entire amount billed to its cost recovery account. Based on the most current accounting available to the San Diego Water Board, the unpaid balance on the NASSCO cost recovery ~~account amount~~ is \$[amount to be determined] as of [insert date].
- ~~e-d. Filing fees for CEQA documents. Pursuant to Fish and Game Code Section 711.4, the San Diego Water Board must pay to the Department of Fish and Game a filing fee to defray the costs of managing and protecting California's vast fish and wildlife resources. The filing fee for the Environmental Impact Report is \$2,839.25 and the County Clerk Processing fee is 50.00 for a total of \$2,889.~~

4. **SWAC Trigger Concentration, SS-MEQ Threshold, or 60%LAET Threshold Exceedance Investigation and Characterization.** Post remediation monitoring may indicate exceedance of one or more of the post-remediation Site-Wide SWAC trigger concentrations, SS-MEQ thresholds, or 60%LAET thresholds. In that event the Dischargers shall conduct an Trigger-Exceedance Investigation and Characterization study to determine the cause(s) of the exceedance. There are several lines of investigation that may be pursued, individually or in combination, depending upon the type, scope, and scale of the exceedance(s) and site-specific conditions. The following approaches may be considered and implemented for the investigation and characterization effort:
 - a. Recalculation of the 95% UCL incorporating more recent sampling data (e.g. the dredge performance monitoring data, pre-remediation monitoring data from July, 2009, the most recent post remediation verification monitoring data etc.).
 - b. Identification of the specific subarea(s) that caused the excursion(s) using surrounding post remediation monitoring data and historical data as appropriate.
 - c. Evaluation of changes in site conditions as a result of disturbances since the previous sampling event from spills, major storm events, construction activities, newly discovered pollutant sources or other causes.
 - d. Analysis of the archived samples used to comprise the composite sample for the specific COC(s) exceeding the 95% UCL as a basis to understand which polygons have higher concentrations than expected. The data from this analysis could be used as a basis for spatial weighting of the data before recalculating 95% UCLs using interpolation methods such as inverse distance weighting.
5. **Trigger-Exceedance Investigation and Characterization Report.** The Dischargers shall prepare and submit an adequate Trigger-Exceedance Investigation and Characterization Report describing the final results of the investigation and characterization study to the San Diego Water Board. If the exceedances are found to be significant, the Report shall include a recommended approach, or combination of approaches, for addressing the exceedance(s) by additional sampling of the affected area, re-dredging, natural recovery, reanalysis following the next scheduled monitoring event, or other appropriate methods. The Report shall be due within 90 days of discovery of the exceedance or as otherwise directed by the San Diego Water Board.

E. QUARTERLY PROGRESS REPORTS

Quarterly Progress Reports. The Dischargers shall prepare and provide written quarterly progress reports which: (1) describe the actions which have been taken toward achieving compliance with this CAO during the previous quarter; (2) include all results of sampling, tests, and all other verified or validated data received or generated by or on behalf of the Dischargers during the previous quarter in the implementation of the remedial actions

E. QUARTERLY PROGRESS REPORTS

Quarterly Progress Reports. The Dischargers shall prepare and provide written quarterly progress reports which: (1) describe the actions which have been taken toward achieving compliance with this CAO during the previous quarter; (2) include all results of sampling, tests, and all other verified or validated data received or generated by or on behalf of the Dischargers during the previous quarter in the implementation of the remedial actions required by this CAO; (3) describe all activities including, data collection and other field activities which are scheduled for the next two quarters and provide other information relating to the progress of work, including, but not limited to, a graphical depiction of the progress of the remedial actions; (4) identify any modifications to the Remedial Action Plan or other work plan(s) that the Dischargers proposed to the San Diego Water Board or that have been approved by San Diego Water Board during the previous quarter; and (5) include information regarding all delays encountered or anticipated that may affect the future schedule for completion of the remedial actions required, and a description of all efforts made to mitigate those delays or anticipated delays. These progress reports shall be submitted to the San Diego Water Board by the (15th) day of March, June, September, and December of each year following the effective date of this CAO. Submission of these progress reports shall continue until submittal of the final Cleanup and Abatement Completion Report verifying completion of the Remedial Action Plan (RAP) for the Shipyard Sediment Site (see Directive C).

F. NO FURTHER ACTION

Upon approval by the San Diego Water Board of the Final Cleanup and Abatement Completion Report (Directive C) and the Post Remedial Monitoring Reports (Directive D.3) remedial actions and monitoring will be complete and compliance with this CAO will be achieved. At that time the San Diego Water Board will inform the Dischargers and other interested persons in writing that, based on available information, no further remedial work is required.

G. PROVISIONS

1. **Cost Recovery.** The Dischargers shall reimburse the State of California for all reasonable costs actually incurred by the San Diego Water Board and State Water Board to investigate, oversee, and monitor cleanup and abatement actions required by this CAO, including the cost to prepare CEQA documents according to billing statements prepared from time to time by the State Water Board. If the Dischargers are enrolled in a reimbursement program managed by the State Water Board for the discharge addressed by this CAO, reimbursement shall be made pursuant to the procedures established in that program.

Within 60 days of the adoption of this CAO, the Dischargers shall reimburse the State of California in the amount of \$[amount to be determined] for the unreimbursed costs actually incurred by the San Diego Water Board and State Water Board as described in Finding 41 of this Order.

Within 30 days of the adoption of this CAO, the Dischargers shall identify to the San Diego Water Board an entity or party authorized by the Dischargers to receive and pay invoices issued by the State Water Board Cost Recovery Program for staff oversight costs incurred by the San Diego Water Board to investigate, oversee, and monitor cleanup and abatement actions required by this CAO.

2. **Waste Management.** The Dischargers shall properly manage, store, treat, and dispose of contaminated ~~soils and ground water~~ marine sediment and associated wastes in accordance with applicable federal, state, and local laws and regulations. The storage, handling, treatment, or disposal of contaminated marine sediment and associated waste shall not create conditions of pollution, contamination or nuisance as defined in Water Code section 13050. The Dischargers shall, as required by the San Diego Water Board, obtain, or apply for coverage under, waste discharge requirements or a conditional waiver of waste discharge requirements for the removal of waste from the immediate place of release and discharge of the waste to (a) land for treatment, storage, or disposal or (b) waters of the state. No waste discharge requirements or conditional waiver of waste discharge requirements shall be required for disposal of marine sediment and associated waste in a landfill regulated under existing waste discharge requirements.
3. **Request to Provide Information.** The Dischargers may present characterization data, preliminary interpretations and conclusions as they become available, rather than waiting until a final report is prepared. This type of on-going reporting can facilitate a consensus being reached between the Dischargers and the San Diego Water Board and may result in overall reduction of the time necessary for regulatory approval.
4. **Waste Constituent Analysis.** Unless otherwise permitted by the San Diego Water Board, all analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services. Specific methods of analysis must be identified. If the Dischargers propose to use methods or test procedures other than those included in the most current version of "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846" (U.S. Environmental Protection Agency) or 40 CFR 136, "Guidelines Establishing Test Procedures for the Analysis of Pollutants; Procedures for Detection and Quantification", the exact methodology must be submitted for review and must be approved by the San Diego Water Board prior to use. The director of the laboratory whose name appears on the certification shall supervise all analytical work in his/her laboratory and shall sign all reports submitted to the San Diego Water Board.

Any report presenting new analytical data is required to include the complete Laboratory Analytical Report(s). The Laboratory Analytical Report(s) must be signed by the laboratory director and contain:

- A complete sample analytical report.
- A complete laboratory quality assurance/quality control (QA/QC) report.
- A discussion of the sample and QA/QC data.

REVISIONS TO:

B. Draft Technical Report

This section is comprised of the individual pages of the DTR that were revised by the Cleanup Team. The pages are presented in the order of their page numbers with revisions shown in underline and strikeout format.

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It is important to note that SQGs are not promulgated as regulatory sediment quality criteria or standards in California nor are they intended as cleanup or remediation targets (Buchman, 1999). The SQGs used to classify the Shipyard Sediment Site stations include:

- ERM for metals (Long et al., 1998),
 - Consensus midrange effects concentration for PAHs and PCBs (Swartz, 1999; MacDonald et al., 2000), and
 - Sediment Quality Guideline Quotient (SQGQ) for chemical mixtures (Fairey et al., 2001).
- **Reference Sediment Quality Conditions** – A key step to evaluating each line-of-evidence comprising the Triad of data is to determine if there are statistically significant differences between a contaminated marine sediment site and reference station sites. To accomplish this it is necessary to specify the appropriate statistical procedure to estimate the level of confidence obtained when differentiating between reference and the contaminated marine sediment site conditions. The statistical procedure used by the San Diego Water Board in the Shipyard Sediment Site investigation to identify stations where conditions are significantly different from the Reference Sediment Quality Conditions consisted of identifying station sample values outside boundaries established by the 95% upper predictive limit reference pool of data for each contaminant of concern. The 95% upper predictive limit allows a one-to-one comparison to be performed between a single Shipyard Sediment Site station and the pool of reference stations used to establish “Reference Sediment Quality Conditions” for the Shipyard Sediment Site (Reference Pool). Although multiple comparisons are made to the Reference Pool prediction limits, the San Diego Water Board made a decision to not correct for multiple comparisons so that the Shipyard Site/Reference comparisons would remain conservative and more protective. Metals characteristics and summary statistics for the Reference Pool are shown in Table 18-2. The 95% upper predictive limit for metals was dependent on the fines content at each station to help identify concentrations of metals that were enriched at the Shipyard Sediment Site (Table 18-3). In general, this means that stations with higher fines content will have a higher 95% upper predictive limit. For example, the 95% upper predictive limit for copper ranged from 85.9 mg/kg for a fines content of 25% to 159.5 mg/kg for a fines content of 75%. Summary statistics and the 95% upper predictive limits for organic contaminants and the SQGQ1 for the Reference Pool are shown in Tables 18-4 and 18-5, respectively.
 - **Tributyltin (TBT) Considerations** - TBT is not specifically considered in the sediment chemistry line of evidence (LOE) analysis because 1) it is not incorporated in the combination of chemicals used in the SQGQ1 calculation and 2) there are no published empirical SQGs or consensus MEC values for TBT effects on benthic community health. The SQGQ1 metric, documented in Fairey et. al., (2001) and used in the analysis, is a central tendency indicator of the potential for adverse biological effects from chemical mixtures in a complex sediment matrix. Under the Fairey et. al., (2001) methodology, the SQGQ1 value for a sediment is calculated by dividing concentrations of cadmium, copper, lead, silver, zinc, total chlordane, dieldrin, total PAHs (normalized by sediment organic carbon content), and total PCBs (sum of 18 congeners) in sediment by each chemical's empirical SQG and subsequently averaging the individual quotients. The combination of chemicals used in the SQGQ1 calculation, which does not include TBT, are assumed to be representative of, or the surrogates of, the toxicologically significant chemical mixture regardless of which chemicals

were quantified in the sediment chemistry analyses. This is not only a well-accepted, but also a reasonable approach given the seemingly infinite number of chemicals present in marine sediment and for this reason it is not at all uncommon to exclude a specific chemical(s), such as TBT, in the chemistry LOE analysis for determining the likelihood of benthic community impairment. Furthermore, there is ample site specific data to evaluate the potential effects of on tributyltin (TBT) on benthic community health. A site specific Lowest Apparent Effects Threshold ("LAET") chemical threshold value for TBT described in DTR Section 32 was derived and applied at Site stations with only chemistry data to identify areas where benthic community impairment is likely. In addition the use of other chemicals as a surrogate for TBT is further supported by reference to the chemical correlation coefficients for TBT described in Table 29-4. TBT exhibits a particularly strong positive correlation with copper, HPAH, and total PCB as indicated by their correlation coefficients of 0.89, 0.80 and 0.79 respectively which are among the highest correlations observed at the Shipyard Sediment Site. These strong positive correlations indicate that decisions on the likelihood of benthic community impairment based on SQGQ1 values will address areas of the Site with elevated TBT values.

Table 18-2 Individual Station Characteristics and Summary Statistics for Physical Properties (%) and Metals (mg/kg) in the Reference Pool

Station	% Fines	%TOC	Ag	As	Cd	Cr	Cu	Hg	Ni	Pb	Zn
CP 2231	41.2	1.0	0.288	7.78	0.025	46.6	71.1	0.364	11.5	40.3	129
CP 2238	69.0	1.0	0.510	7.8	0.133	59.2	71.0	0.262	16.5	28.8	214
CP 2243	30.3	0.6	0.651	5.94	0.143	40.2	56.4	0.332	10.2	30.7	125
CP 2433	38.4	0.5	0.385	5.55	0.288	42.2	43.3	0.251	11.2	23.3	115
CP 2441	82.8	1.8	0.388	8.82	0.411	54.0	78.4	0.238	17.5	26.7	143
SY 2231	45.0	1.3	0.260	8.3	0.100	37.0	82.0	0.430	10.0	42.0	120
SY 2243	28.0	0.5	0.560	4.3	0.120	23.0	47.0	0.250	5.6	21.0	93.0
SY 2433	41.0	0.7	0.390	4.6	0.290	24.0	40.0	0.210	7.4	19.0	92.0
SY 2441	41.0	1.1	0.240	5.4	0.290	22.0	37.0	0.160	9.9	13.0	80.0
2235	45.0	0.6	0.476	6.4	0.095	37.5	58.2	0.239	10.7	21.3	136
2241	18.0	0.5	0.538	4.53	0.088	27.5	59.2	0.213	7.3	26.3	104
2242	31.0	0.7	0.493	4.27	0.096	25.4	42.0	0.300	6.8	17.8	89.8
2243	35.0	0.5	0.504	3.66	0.101	20.8	38.8	0.239	5.1	19.9	81.2
2256	67.0	1.3	1.29	7.47	0.200	54.3	128	0.632	14.3	54.1	197
2257	77.0	1.6	1.25	9.08	0.175	66.7	157	0.511	18.7	64.1	233
2258	71.0	1.4	0.954	7.75	0.161	60.0	143	0.664	16.4	53.0	211
2260	27.0	0.5	0.452	4.06	0.092	23.9	50.8	0.216	7.1	20.4	87.5
2265	13.0	0.4	0.192	2.48	0.069		18.0	0.065	1.5	12.0	43.2
N	18	18	18	18	18	18	18	18	18	18	18
Minimum	13.0	0.4	0.192	2.48	0.025	20.8	18.0	0.065	1.5	12	43.2
Maximum	82.8	1.8	1.29	9.08	0.411	66.7	157	0.664	18.7	64.1	233
Mean	44.5	0.9	0.546	6.01	0.160	39.1	67.8	0.310	10.4	29.6	127.4
Std Dev	20.5	0.4	0.315	1.98	0.100	15.4	38.3	0.158	4.7	15.0	53.4

Draft Technical Report for Tentative Cleanup and Abatement Order No. R9-2011-0001

Station	% Fines	%TOC	Ag	As	Cd	Cr	Cu	Hg	Ni	Pb	Zn
RSD	46.1%	49.6%	57.8%	33.0%	62.5%	39.4%	56.4%	50.9%	45.5%	50.6%	41.9%
ERM	NA	NA	3.7	70	9.6	370	270	0.71	51.6	218	410

SCCWRP and U.S. Navy, 2005b

Economic feasibility was assessed by ranking the ~~66~~ ~~65~~ shipyard sediment stations based on ~~according to~~ the contaminant levels for the five primary COCs found in surficial sediment samples. ~~This process used Triad data and site-specific median effects quotient (SS-MEQ).~~²⁵ A series of cumulative cost scenarios was then evaluated by starting with the six most contaminated stations, then adding the six next most contaminated stations, progressing sequentially down the list until the entire Shipyard Sediment Site was included in the scenario (see Appendix for Section 31). For each scenario, the required dredging volume and associated cost of remediation for the set of Thiessen polygons²⁶ included in the step was estimated. The estimated post-remedial surface-area weighted average concentrations (SWAC) and exposure reduction for the primary COCs was also estimated for each cost scenario. Exposure reduction was defined for this purpose as the reduction in sediment SWAC for the shipyard site, relative to background, where the pre-remedial SWAC is considered zero reduction and background is considered 100 percent reduction. As chemical concentrations are reduced and mass removed, the SWAC for each COC decreases, which is equivalent to an expected exposure reduction for the target receptors. The following equation represents the relationship of exposure reduction to post-remedy SWAC.

$$\text{Exposure Reduction} = \text{SWAC}_{\text{current}} - \text{SWAC}_{\text{post-remedy}}$$

To estimate the relative exposure reduction of a cost scenario, it is appropriate to normalize the exposure reduction to background. For example, current conditions represent 0 percent exposure reduction, whereas as post-remedial SWAC equal to background represents 100 percent exposure reduction. This equation is the calculation of the percent of exposure reduction relative to background.

$$\% \text{ Exposure Reduction} = \frac{\text{SWAC}_{\text{current}} - \text{SWAC}_{\text{post-remedy}}}{\text{SWAC}_{\text{current}} - \text{Background}} \times 100$$

Subscript “final”
changed to
“post-remedy”

The following equation is an example of quantifying exposure reduction. This example assumes a current SWAC of 10 ppm for COC1 and a final SWAC of 2 ppm. The background concentration used in this example is 1 ppm for COC1.

$$\frac{10 \text{ ppm} - 2 \text{ ppm}}{10 \text{ ppm} - 1 \text{ ppm}} \times 100 = 89\%$$

In this example, the exposure reduction relative to background when cleaning up a current SWAC of 10 ppm to a post-remedial SWAC of 2 ppm is 89 percent. An average exposure reduction for each cost scenario was calculated by averaging the percent exposure reduction for each primary COC (copper, mercury, HPAHs, PCBs, and TBT; see Appendix for Section 31).

²⁵ ~~The ranking methodology is discussed in Section 32.2.3. The development and application of the SS-MEQ values is discussed in Section 32.5.2.~~

²⁶ To calculate surface-area weighted average concentrations for COCs at the Shipyard Sediment Site, a geospatial technique (Thiessen polygons) was used to represent the area represented by each sediment sample. This methodology is discussed in Section 32.2.

32. Finding 32: Alternative Cleanup Levels

Finding 32 of CAO No. R9-2011-0001 states:

Under State Water Board Resolution No. 92-49, *Policies and Procedures for Investigation and Cleanup and Abatement of Discharges under Water Code Section 13304*, the San Diego Water Board may prescribe alternative cleanup levels less stringent than background sediment chemistry concentrations if attainment of background concentrations is technologically or economically infeasible. Resolution No. 92-49 requires that alternative levels must result in the best water quality which is reasonable if background levels of water quality cannot be restored, considering all demands being made and to be made on these waters and the total values involved, beneficial and detrimental, economic and social, tangible and intangible. ~~be set at the lowest levels the discharger demonstrates and the San Diego Water Board finds is technologically and economically achievable.~~ Resolution No. 92-49 further requires that any alternative cleanup level shall: (1) be consistent with maximum benefit to the people of the state; (2) not unreasonably affect present and anticipated beneficial uses of such water; and (3) not result in water quality less than that prescribed in the Water Quality Control Plans and Policies adopted by the State and Regional Water Boards.

The San Diego Water Board is prescribing the alternative cleanup levels for sediment summarized in the table below to protect aquatic life, aquatic-dependent wildlife, and human health based beneficial uses consistent with the requirements of Resolution No. 92-49. Compliance with alternative cleanup levels will be determined using the monitoring protocols summarized in Finding 34 and described in detail of Section 34 of the Technical Report.

Alternative Cleanup Levels: Shipyard Sediment Site

Aquatic Life	Aquatic Dependent Wildlife and Human Health	
Remediate all areas determined to have sediment pollutant levels likely to adversely affect the health of the benthic community.	Surface Weighted Average Concentrations (site-wide)	
	Copper	159 mg/kg
	Mercury	0.68 mg/kg
	HPAHs ¹	2,451 µg/kg
	PCBs ²	194 µg/kg
	Tributyltin	110 µg/kg

1. HPAHs = sum of 10 PAHs: Fluoranthene, Pyrene, Benzo[a]anthracene, Chrysene, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Benzo(a)pyrene, indeno[1,2,3-c,d]pyrene, Dibenz[a,h]anthracene, and Benzo[g,h,i]perylene.
2. PCBs = sum of 41 congeners: 18, 28, 37, 44, 49, 52, 66, 70, 74, 77, 81, 87, 99, 101, 105, 110, 114, 118, 119, 123, 126, 128, 138, 149, 151, 153, 156, 157, 158, 167, 168, 169, 170, 177, 180, 183, 187, 189, 194, 201, and 206.

In approving alternative cleanup levels less stringent than background the San Diego Water Board has considered the factors contained in Resolution No. 92-49 and the California Code of Regulations, Title 23, section 2550.4, subdivision (d):

Using this ranking approach, the highest ranked polygons were sequentially considered for inclusion into the remedial footprint.

Protectiveness of the beneficial uses represented by aquatic-dependent wildlife and human health was assessed via estimation of post-remedial SWAC values of the remedial footprint. Post-remedial SWAC calculations were completed with the assumption that the SWAC inside the footprint would be remediated to background concentrations derived in Section 29 of this Technical Report. In reality, the SWAC within the footprint may be less than background levels; however, background concentrations were assumed to incorporate conservatism in the analysis. Protectiveness was evaluated in terms of degree of exposure reduction and comparison to aquatic-dependent wildlife and human health risk assessments (Sections 32.3 and 32.4, respectively). The predicted post-remedial SWACs are shown in Table 32-3.

Table 32-3 Post-Remedial SWACs for the Shipyard Sediment Site

Primary Contaminant of Concern	Post-Remedial SWACs (site-wide)
Copper	159 mg/kg
Mercury	0.68 mg/kg
HPAHs	2,451 µg/kg
PCBs	194 µg/kg
TBT	110 µg/kg

Note: See Appendix for Section 32 for supporting calculations.

32.3 Alternative Cleanup Levels Protect Aquatic-Dependent Wildlife Beneficial Uses

An assessment of risk to wildlife receptors under projected post-remedial conditions was conducted to confirm that ~~the chemicals identified as wildlife risk drivers in Section 24 the alternative cleanup levels established by economic analysis (Section 31)~~ are adequately protective of aquatic-dependent wildlife beneficial uses. ~~Based on the Tier II risk assessment results, ingestion of prey items caught within all four assessment units at the Shipyard Sediment Site poses an increased risk above reference to all wildlife receptors other than (excluding the sea lion). The chemicals in prey tissue posing a risk include BAP (surrogate for HPAHs), PCBs, copper, lead, mercury, and zinc. Based on the post-remedial risk assessment results detailed below, post-remedial SWACs for all chemicals identified as wildlife risk drivers are protective of aquatic-dependent wildlife beneficial uses. Six aquatic-dependent wildlife receptors were originally selected in the aquatic-dependent wildlife risk assessment (Sections 22 through 24) to evaluate the protection of beneficial uses. The species include: California least tern (*Sterna antillarum brownie*), California brown pelican (*Pelecanus occidentalis californicus*), Western grebe (*Aechmophorus occidentalis*), Surf scoter (*Melanitta perspicillata*), California sea lion (*Zalophus californianus*), and East Pacific green turtle (*Cheloniemydas agassizii*). No unacceptable risks to sea lion were found for any COC under pre-remedial conditions, therefore this receptor was excluded from the post remedial risk evaluation. Potential risk to green turtle was only identified for lead. Lead was not selected as a primary COC, and no alternative~~

~~cleanup level for lead is proposed. However, the proposed remedy will reduce lead levels in surface sediments due to co-occurrence with primary COCs (see Section 29), resulting in mitigation of exposure and risk to wildlife receptors. The proposed remedy is assumed to be protective for lead, as well as the primary COCs, therefore evaluation of post remedial risk from lead is included here along with the primary COCs.~~

32.7.1. Technological and Economical Feasibility

In prescribing any alternative cleanup levels less stringent than background the San Diego Water Board must consider setting the alternative cleanup levels at the lowest levels that are technologically and economically feasible. This consideration is mandated by Resolution No. 92-49 which directs the San Diego Water Board to apply section 2550.4 of Title 23 of the California Code of Regulations to the extent feasible. Pursuant to Resolution No. 92-49, the San Diego Water Board may not set alternative cleanup levels for chemicals of concern more stringent than “the lowest concentration that the discharger demonstrates and the San Diego Water Board finds is technologically and economically achievable.”¹⁹—This regulation establishes a “ceiling” for proposed concentration limits for chemicals of concern in cleanup and abatement actions.

As demonstrated in Section 31 above, it is not economically feasible to remediate the Shipyard Sediment Site to background sediment-quality levels. Comparing incremental costs of remediation to incremental exposure reduction values, the highest net benefit per remedial dollar spent occurs for the first ~~\$2433~~ million (1~~28~~ polygons), based on the fact that initial exposure reduction is ~~above 12~~between 16 and 13 percent per \$10 million spent. Beyond ~~\$2433~~ million, however, exposure reduction drops consistently as the cost of remediation increases. ~~Exposure reduction drops below 7 percent per \$10 million spent after \$33 million, below 4 percent after \$45 million, and drops to zero at \$185 million~~

Based on this comparison of incremental costs versus incremental benefit, the San Diego Water Board cannot require remediation to background sediment-quality levels because doing so would establish alternative cleanup levels that are not economically feasible and, therefore, are above the “ceiling” permitted by section 2550.4(e).

The total cost of the cleanup is estimated to be \$58 million (see Appendix for Section 32).²⁰ The \$58 million estimated cost of the remedial footprint cannot be directly overlaid on the cost scenarios shown in Figure 31-1 because of the differences in methods and assumptions between the economic feasibility analysis and the alternative cleanup levels/remedial footprint analysis. The \$58 million estimated cost of cleaning up 23 polygons, however, is likely beyond the initial high exposure reduction per cost scenario represented by cleaning up 12 polygons. Cleaning up additional areas beyond the proposed remedial footprint would yield about 4 percent additional exposure reduction per \$10 million spent. Accordingly, the alternative cleanup levels established for the Shipyard Sediment Site are the lowest levels that are technologically and economically achievable, consistent with as required under section 2550.4(e).

32.7.2. Maximum Benefit to the People of the State

Resolution No. 92-49 requires that an alternative cleanup level be consistent with maximum benefit to the people of the State of California. When considering an alternative cleanup level

¹⁹ ~~—See Title 23 CCR section 2550.4(e).~~

²⁰ The actual cost of cleanup can vary significantly from the estimate due to a number of factors including variability regarding the estimated volume, and dredging subcontractor, transportation, and disposal costs.

under Resolution No. 92-49, a regional water board must consider: “all demands being made and to be made on those waters and the total values involved, beneficial and detrimental, economic

Sediments are resuspended not only from the dredge bucket, but also by other mechanisms associated with dredging such as spillage, prop wash, and anchor systems. Chemical release can occur when bed sediments are suspended in the water column and increased turbidity can itself degrade acceptable levels of habitat quality for organisms in the water column. Re-deposition may occur near the dredge area or, depending on the environmental conditions and controls, resuspended sediment may be transported to other locations in the water body. Further, sediment dredging activities are planned such that a sufficient volume of contaminated sediment is removed; however, removing all particles of contaminated sediment is neither practical nor feasible.

Sediment monitoring will occur in footprint polygons and will be implemented immediately after the dredging contractor has confirmed that dredge depths within the footprint area have been achieved. Dredge depths are confirmed using multibeam dual frequency sonar coupled to differential Global Positioning System (dGPS) equipment. Confirmation sediment sampling will consist of core sediment sample collection in each footprint polygon. Sediment concentrations in a horizon that represents the first undisturbed depth beneath the dredge depth will be measured. This will be determined based on the accuracy to which the dredge operator can guarantee the depth to which they dredge. Samples will be collected from beneath this elevation using appropriate sampling techniques. Sample cores will be just deep enough to collect sufficient sample for analysis. COCs that will be monitored and compared to background sediment chemistry levels include PCBs, copper, HPAHs, TBT, and mercury. The background sediment chemistry levels can be found in Section 29, Table 29-1.

With respect to determining sediment remediation success, there will be natural variability in the sediment chemistry data collected, which does not represent a true difference from the expected value. Natural variability can be attributed to random error in laboratory instrument outputs, sample collection and handling techniques, grain size distribution variance in sediment samples, or other random non-systematic differences that cannot be measured or specifically accounted for. Furthermore, sediment cannot be dredged at depths of 10 centimeters or less. Therefore, dredging success will be evaluated based on the following decision rules applied to subsurface monitored sediment:

- ~~If the concentration of any primary COC in subsurface sediments (deeper than the upper 5 cm) is above 120 percent of the post-remedial dredge area background sediment concentration²² after completion of initial dredging, then additional sediments shall be dredged and the polygon resampled. by performing an additional "pass" with the equipment. If concentrations of COCs in subsurface sediments (deeper than the upper 10 cm) are above 120 percent of background sediment chemistry levels,²² then additional sediments will be dredged by performing an additional "pass" with the equipment.~~
- If concentrations of COCs in subsurface sediments are below 120 percent of background concentrations, then dredging is sufficient and will stop. A sand cover ~~covercap~~ will be placed on the sediment surface, if necessary.

²² See Table 29-1 for background concentrations of COCs.

REVISIONS TO:

C. Proposed Final Environmental Impact Report

The rest of this section is comprised of the pages of the Proposed Final EIR that were revised by the Cleanup Team. The pages are presented in the order of their page numbers with revisions shown in underline and strikeout format.

plate and between edges of the barge and unloading dock to prevent any drippings from falling into San Diego Bay. Upon completion of unloading a material barge, the spill plate shall be cleaned as necessary so that any dried sediment is not discharged or released to the atmosphere. The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) shall be responsible for ensuring adherence to the requirements of this measure.

Mitigation Measure 4.2.6: During dredging activities, the contractor shall ensure that the environmental clamshell bucket is entirely closed when withdrawn from the barge and moved to the truck. In addition, the contractor shall ensure that the bucket is completely empty of sediment prior to being moved back to the barge to minimize sediment being spilled over the dock. The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) shall be responsible for ensuring adherence to the requirements of this measure.

Mitigation Measure 4.2.7: During final design of the clean sand covers, the sand layer thickness and distribution shall be designed to stabilize the contaminated sediments being covered, control the resuspension and redistribution of existing contaminated sediments, and control ~~prevent~~ substantial perturbation (mixing and overturning) of underlying contaminated sediments, ~~erosion (e.g., propeller wash), and the upward chemical migration into the clean sand covers.~~ The clean sand cover design may be limited to fill from the placement of clean sand. The clean sand cover design shall be thick enough to physically isolate the sediments from benthic or epigenetic organisms to prevent the uptake of bioaccumulative contaminants (e.g.i.e., polychlorinated biphenyls [PCBs]) by aquatic organisms either directly from the sediments or by foraging on benthos. ~~The physical isolation component of the clean sand covers may include separate sub-components for isolation, bioturbation, and consolidation.~~ The clean sand covers shall be designed to be thick enough to stabilize the contaminated sediments being covered and minimize the potential for ~~prevent~~ them to be from being resuspended, eroded, or otherwise ~~and~~ transported away from beneath the under pier areas off site. ~~In addition, the clean sand covers shall be designed to be resistant to erosion, including propeller wash, flow, and tidal-induced erosion.~~ The final engineering plans shall include the source and type of

sand required for subaqueous application of the clean sand covers. The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) shall review and have approval authority for the final engineering plans, and shall verify implementation. A regulatory oversight contractor may be used by the San Diego Water Board.

Mitigation Measure 4.2.8: During application of the clean sand covers, the contractor shall place the initial layers of the clean sand cover in controlled thin-lifts so as to ensure proper placement over the required area, minimize the potential for disturbance and intermixing of the underlying sediments, and ensure that the required sand cover thicknesses are achieved. ~~by hydraulically placing the material from a barge in order~~ The sand shall be placed in such a manner as to reduce the vertical impact and lateral spreading of the clean sand cover material and the potential for resuspending the contaminated surface sediments. Controlled placement shall also minimize the mixing of the clean sand covers and underlying sediment by allowing the sediment to slowly gain strength before subsequent layers are deposited. Operational controls such as silt curtains shall also be employed during placement of the clean sand covers. The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board), with the assistance of a regulatory oversight contractor, shall be responsible for ensuring adherence to the requirements of this measure.

Mitigation Measure 4.2.9: Prior to dredging operations, a Dredging Management Plan (DMP) shall be prepared. The contractor shall implement the measures listed in the DMP during dredging operations. The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) shall be responsible for review and approval of the DMP. The DMP shall contain Standard Operating Procedures (SOPs) for the project to assist the dredge contractor in preventing accidental spills and providing the necessary guidelines to follow in case of an oil or fuel spill. In addition to providing SOPs to prevent accidental oil/fuel spills during construction activities, the DMP shall address the identification of dredging needs, a methodology and process for determining dredging priorities and scheduling, the feasibility and requirements for expedited permitting, Quality Assurance Project Plan (QAPP) to comply with regulatory requirements, alternatives for control and operation

launched or repaired. An assortment of waste has been generated at the facility, including spent abrasive, paint, rust, petroleum products, marine growth, sanitary waste, and general refuse. The business has historically been ship repair and maintenance for the United States Navy and commercial customers.

Sediment Quality. The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) compared sediment chemistry levels found at the Shipyard Sediment Site to various sediment quality guidelines (SQGs) as well as background reference sediment chemistry levels found in other parts of present-day San Diego Bay. The purpose of this comparison was to evaluate: (1) whether sediment chemistry levels at the Shipyard Sediment Site exceeded background conditions in San Diego Bay; and (2) the potential threat to aquatic life from chemical pollutants detected in the marine sediment (San Diego Water Board, 2011).

The health risk assessment for the Tentative CAO determined that the chemicals posing theoretical increased cancer risks include inorganic arsenic and polychlorinated biphenyls (PCBs). The chemicals posing theoretical increased noncancer risks include cadmium, copper, mercury, and PCBs. Potential risk is also recognized to aquatic dependent wildlife from benzo(a)pyrene (a polynuclear aromatic hydrocarbon [PAH]), PCBs, copper, lead, mercury, and zinc. The types of adverse effects to wildlife are contaminant and species specific, and can range from lethality to sublethal effects such as poor growth, reduced reproduction, developmental effects (e.g., embryo lethality or malformations), and behavioral effects (e.g., nest attentiveness and mating behaviors in birds and predator avoidance by fish).

Contaminants of Concern. Primary contaminants of concern (COCs) were defined by the San Diego Water Board as COCs meeting the following criteria:

- Greatest exceedance of background, suggesting a strong association with the Shipyard Sediment Site;
- Highest magnitude of potential risk at the Shipyard Sediment Site; and
- Higher potential for exposure reduction via remediation.

Secondary COCs were defined as COCs meeting the following criteria:

- Lower concentrations relative to background, suggesting a lower degree of association with the Shipyard Sediment Site; and
- Highly correlated with primary COCs and would be addressed in a common remedial footprint.

4.5.2.1 Federal Regulations

Federal Endangered Species Act. The Federal Endangered Species Act (FESA) of 1973 sets forth a two-tiered classification scheme based on the biological health of a species. Endangered species are those in danger of becoming extinct throughout all or a significant portion of their range. Threatened species are those likely to become endangered in the foreseeable future; Special Rules under Section 4(d) can be made to address threatened species. Ultimately, FESA attempts to bring populations of listed species to healthy levels so that they no longer need special protection. The NMFS and U.S. FWS share responsibility for implementing FESA. Generally, U.S. FWS manages land and freshwater species, while NMFS manages marine and anadromous species. NMFS has jurisdiction over approximately 60 threatened or endangered species and 42 species of concern. U.S. FWS has jurisdiction over the remaining listed species and species of concern.

If a federal action exists and the project may impact listed species or designated critical habitat, consultation with the U.S. FWS and/or NMFS is required through section 7 of FESA. By law, section 7 consultation is a cooperative effort involving affected parties engaged in analyzing the effects posed by proposed actions on listed species or critical habitats. FESA prohibits the “take” of listed species by anyone unless authorized by the U.S. FWS or NMFS. Take is defined as “conduct which attempts or results in the killing, harming, or harassing of a listed species.” Harm is defined as “any act which actually kills or injures fish or wildlife, and emphasizes that such acts may include significant habitat modification or degradation that significantly impairs essential behavioral patterns of fish or wildlife~~significant habitat modification or degradation where it actually kills or injures wildlife by significantly impairing essential behavior patterns, including breeding, feeding, or sheltering.~~” Harassment is defined as an “intentional or negligent act or omission which creates the likelihood of injury to wildlife by annoying it to such an extent as to significantly disrupt normal behavioral patterns, including breeding, feeding, or sheltering.” Therefore, in order to comply with FESA, any proposed project should be assessed prior to construction to determine whether the project will impact listed species or, in the case of a federal action on the project, designated critical habitats.

Section 7 of FESA directs all federal agencies to use their existing authorities to conserve threatened and endangered species and, in consultation with the U.S. FWS, to ensure that their actions do not jeopardize listed species or destroy or adversely modify critical habitat. Section 7 applies to management of federal lands as well as other federal actions that may affect listed species, such as federal approval of private activities through the issuance of federal permits, licenses, or other actions.

Section 7(a)(2) of FESA requires all federal agencies, in consultation with and with the assistance of the Secretary of the Interior, to ensure that any action authorized, funded, or carried out by such agency is not likely to jeopardize the continued existence of any endangered species or threatened species or result in the destruction or adverse modification of critical habitat. This includes any federal action including funding, licensing, permitting,

responsible agency or agency having jurisdiction over natural resources affected by a project, or the authority of the lead agency, to approve, condition, or deny projects as provided by this division or any other provision of law.

7.2 MITIGATION MONITORING PROCEDURES

The Mitigation Monitoring and Reporting Program (MMRP) has been prepared in compliance with California Environmental Quality Act (CEQA) PRC section 21081.6. It describes the requirements and procedures to be followed by the California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) to ensure that all mitigation measures adopted as part of the proposed project will be carried out as described in this Program EIR (PEIR). It is anticipated that a subsequent discretionary approval(s) will be required to fully comply with the directives of the Project. Subsequent discretionary approvals will include, at a minimum, a specific Remedial Action Plan requiring a Clean Water Act permit. To the extent it can be demonstrated to the San Diego Water Board on the basis of substantial evidence that alternative mitigation measures to those set forth herein are equally or more effective at mitigating the identified potentially significant adverse environmental impacts and at protecting the environment, those mitigation measures may be adopted in lieu of those set forth herein at the time subsequent discretionary approvals are granted.

Table 7-1 lists each of the mitigation measures specified in this PEIR and identifies the party or parties responsible for implementation and monitoring of each measure.

Table 7-1: Mitigation and Monitoring Reporting Program

<p>Mitigation Measure 4.2.7:</p>	<p>During final design of the clean sand covers, the sand layer thickness <u>and distribution</u> shall <u>be</u> designed to <u>stabilize the contaminated sediments being covered, control the resuspension and redistribution of existing contaminated sediments, and control prevent</u> substantial perturbation (mixing and overturning) of underlying contaminated sediments, erosion (e.g., propeller wash), and the upward chemical migration into the clean sand covers. <u>The clean sand cover design may be limited to fill from the placement of clean sand.</u> The clean sand cover design shall <u>be thick enough to</u> physically isolate the sediments from benthic or epigenetic organisms to prevent the uptake of bioaccumulative contaminants (e.g., i.e., polychlorinated biphenyls [PCBs]) by aquatic organisms either directly from the sediments or by foraging on benthos. The physical isolation component of the clean sand covers may include separate sub-components for isolation, bioturbation, and consolidation. The clean sand covers shall be designed to <u>be thick enough to</u> stabilize the contaminated sediments being covered and <u>minimize the potential for prevent them to be from being</u> resuspended, <u>eroded, or otherwise and</u> transported <u>away from beneath the under pier areas off site.</u> In addition, the clean sand covers shall be designed to be resistant to erosion, including propeller wash, flow, and tidal induced erosion. The final engineering plans shall include the source and type of sand required for subaqueous application of the clean sand covers. The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) shall review and have approval authority for the final engineering plans, and shall verify implementation. A regulatory oversight contractor may be used by the San Diego Water Board.</p>	<p>San Diego Water Board</p>	<p>Ongoing during application of clean sand cover</p>
<p>Mitigation Measure 4.2.8:</p>	<p>During application of the clean sand covers, the contractor shall place the initial layers of the clean sand cover in <u>controlled thin-lifts so as to ensure proper placement over the required area, minimize the potential for disturbance and intermixing of the underlying sediments, and ensure that the required sand cover thicknesses are achieved.</u> by hydraulically placing the material from a barge in order. <u>The sand shall be placed in such a manner</u> to reduce the vertical impact and lateral spreading of the clean sand cover material and the potential for resuspending the contaminated surface sediments. Controlled placement shall also minimize the mixing of the clean sand covers and underlying sediment by allowing the sediment to</p>	<p>Contractor, as verified by the San Diego Water Board</p>	<p>Ongoing during application of clean sand cover</p>

Table 7-1: Mitigation and Monitoring Reporting Program

<p>slowly gain strength before subsequent layers are deposited. Operational controls such as silt curtains shall also be employed during placement of the clean sand covers. The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board), with the assistance of a regulatory oversight contractor, shall be responsible for ensuring adherence to the requirements of this measure.</p>		
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REVISIONS TO:

D. Tentative Resolution No. R9-2011-0072 Certifying the Final Environmental Impact Report for the Shipyard Sediment Remediation Project, San Diego Bay, California

The rest of this section is comprised of the pages of Tentative Resolution No. R9-2011-0072 that were revised by the Cleanup Team. The pages are presented in the order of their page numbers with revisions shown in underline and strikeout format.

Mitigation Measure 4.2.7: During final design of the clean sand covers, the sand layer thickness and distribution shall be designed to stabilize the contaminated sediments being covered, control the resuspension and redistribution of existing contaminated sediments and control ~~prevent~~ substantial perturbation (mixing and overturning) of underlying contaminated sediments, ~~erosion (e.g., propeller wash), and the upward chemical migration into the clean sand covers.~~ The clean sand cover design may be limited to fill from the placement of clean sand. The clean sand cover design shall be thick enough to physically isolate the sediments from benthic or epigenetic organisms to prevent the uptake of bioaccumulative contaminants (e.g.i.e., polychlorinated biphenyls [PCBs]) by aquatic organisms either directly from the sediments or by foraging on benthos. ~~The physical isolation component of the clean sand covers may include separate sub-components for isolation, bioturbation, and consolidation.~~ The clean sand covers shall be designed to be thick enough to stabilize the contaminated sediments being covered and minimize the potential for prevent them to be from being resuspended, eroded, or otherwise and transported away from beneath under pier areas off site. ~~In addition, the clean sand covers shall be designed to be resistant to erosion, including propeller wash, flow, and tidal-induced erosion.~~ The final engineering plans shall include the source and type of sand required for subaqueous application of the clean sand covers. The San Diego Water Board shall review and have approval authority for the final engineering plans, and shall verify implementation. A regulatory oversight contractor may be used by the San Diego Water Board.

Mitigation Measure 4.2.8: During application of the clean sand covers, the contractor shall place the initial layers of the clean sand cover in controlled thin lifts so as to ensure proper placement over the required area, minimize the potential for disturbance and intermixing of the underlying sediments, and ensure that the required sand cover thicknesses are achieved. ~~by hydraulically placing the material from a barge in order~~ The sand shall be placed in such a manner as to reduce the vertical impact and lateral spreading of the clean sand cover material and the potential for resuspending the contaminated surface sediments. Controlled placement shall also minimize the mixing of the clean sand covers and underlying sediment by allowing the sediment to slowly gain strength before subsequent layers are deposited. Operational controls such as silt curtains shall also be employed during placement of the clean sand covers. The San Diego Water Board, with the assistance of a regulatory oversight contractor, shall be responsible for ensuring adherence to the requirements of this measure.

Mitigation Measure 4.2.9: Prior to dredging operations, a Dredging

dredging and application of the clean sand covers, the contractor shall conduct water quality monitoring to demonstrate that implementation of the remedial activities does not result in violations of water quality objectives in the Basin Plan outside of the construction area. The contractor shall submit weekly water quality reports to the San Diego Water Board. If water quality objectives are violated, the San Diego Water Board may temporarily halt activity and impose additional required measures to protect water quality.

Mitigation Measure 4.2.5: Prior to initiation of dredging activities, the contractor shall determine the swing radius of the unloading equipment and shall place a steel plate (swing tray or spill plate) between the material barge and the hard cape to prevent spillage from falling directly into the water. The steel plate shall be sufficiently large enough to cover the swing radius of the unloading equipment. The spill plate shall be designed to prevent any “drippings” from falling between the material barge and dock where the unloading equipment is stationed. The spill plate shall be positioned so that any “dripped” material/water either runs back into the material barge or onto the unloading dock, which shall be lined with an impermeable material and beamed to contain excess sediment/water. The steel plate shall be designed to prevent any water or sediment from re-entering San Diego Bay. As a secondary containment measure, filter fabric material shall be placed over the spill plate and between edges of the barge and unloading dock to prevent any drippings from falling into San Diego Bay. Upon completion of unloading a material barge, the spill plate shall be thoroughly rinsed so that excess sediment is drained into the material barge or onto the unloading dock (depending on spill plate positioning) and then placed on the lined dock until the next unloading sequence. The San Diego Water Board shall be responsible for ensuring adherence to the requirements of this measure.

Mitigation Measure 4.2.6: During dredging activities, the contractor shall ensure that the environmental clamshell bucket is entirely closed when withdrawn from the barge and moved to the truck. In addition, the contractor shall ensure that the bucket is completely empty of sediment prior to being moved back to the barge to minimize sediment being spilled over the dock. The San Diego Water Board shall be responsible for ensuring adherence to the requirements of this measure.

Mitigation Measure 4.2.7: During final design of the clean sand covers, the sand layer thickness and distribution shall be designed to stabilize the contaminated sediments being covered, control the resuspension and redistribution of existing contaminated sediments, and control prevent substantial perturbation (mixing and overturning) of

underlying contaminated sediments, ~~erosion (e.g., propeller wash), and the upward chemical migration into the clean sand covers.~~ The clean sand cover design may be limited to fill from the placement of clean sand. The clean sand cover design shall be thick enough to physically isolate the sediments from benthic or epigenetic organisms to prevent the uptake of bioaccumulative contaminants (e.g.i.e., polychlorinated biphenyls [PCBs]) by aquatic organisms either directly from the sediments or by foraging on benthos. ~~The physical isolation component of the clean sand covers may include separate sub-components for isolation, bioturbation, and consolidation.~~ The clean sand covers shall be designed to be thick enough to stabilize the contaminated sediments being covered and minimize the potential for prevent them to be from being resuspended, eroded, or otherwise and transported away from beneath the under pier areas off site. ~~In addition, the clean sand covers shall be designed to be resistant to erosion, including propeller wash, flow, and tidal-induced erosion.~~ The final engineering plans shall include the source and type of sand required for subaqueous application of the clean sand covers. The San Diego Water Board shall review and have approval authority for the final engineering plans, and shall verify implementation. A regulatory oversight contractor may be used by the San Diego Water Board.

Mitigation Measure 4.2.8: During application of the clean sand covers, the contractor shall place the initial layers of the clean sand cover in ~~controlled thin~~ lifts so as to ensure proper placement over the required area, minimize the potential for disturbance and intermixing of the underlying sediments, and ensure that the required sand cover thicknesses are achieved.~~by hydraulically placing the material from a barge in order~~ The sand shall be placed in such a manner as to reduce the vertical impact and lateral spreading of the clean sand cover material and the potential for resuspending the contaminated surface sediments. Controlled placement shall also minimize the mixing of the clean sand covers and underlying sediment by allowing the sediment to slowly gain strength before subsequent layers are deposited. Operational controls such as silt curtains shall also be employed during placement of the clean sand covers. The San Diego Water Board, with the assistance of a regulatory oversight contractor, shall be responsible for ensuring adherence to the requirements of this measure.

Mitigation Measure 4.2.9: Prior to dredging operations, a Dredging Management Plan (DMP) shall be prepared. The contractor shall implement the measures listed in the DMP during dredging operations. The San Diego Water Board shall be responsible for review and approval of the DMP. The DMP shall contain Standard Operating Procedures (SOPs) for the Project to assist the dredge contractor in

Mitigation Monitoring and Reporting Program (MMRP)

Mitigation Measures	Responsible Party	Timing for Mitigation Measure
<p>environmental clamshell bucket is entirely closed when withdrawn from the barge and moved to the truck. In addition, the contractor shall ensure that the bucket is completely empty of sediment prior to being moved back to the barge to minimize sediment being spilled over the dock. The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) shall be responsible for ensuring adherence to the requirements of this measure.</p>	<p>by the San Diego Water Board</p>	<p>dredging operations</p>
<p>Mitigation Measure 4.2.7: During final design of the clean sand covers, the sand layer thickness <u>and distribution</u> shall be designed to <u>stabilize the contaminated sediments being covered, control the resuspension and redistribution of existing contaminated sediments, and control prevent</u> substantial perturbation (mixing and overturning) of underlying contaminated sediments, erosion (e.g., propeller wash), and the upward chemical migration into the clean sand covers. <u>The clean sand cover design may be limited to fill from the placement of clean sand.</u> The clean sand cover design shall <u>be thick enough to</u> physically isolate the sediments from benthic or epigenetic organisms to prevent the uptake of bioaccumulative contaminants (<u>e.g., i.e.,</u> polychlorinated biphenyls [PCBs]) by aquatic organisms either directly from the sediments or by foraging on benthos. The physical isolation component of the clean sand covers may include separate sub-components for isolation, bioturbation, and consolidation. The clean sand covers shall be designed to <u>be thick enough to</u> stabilize the contaminated sediments being covered and <u>minimize the potential for prevent them to be from being</u> resuspended, eroded, or otherwise and transported <u>away from beneath the under pier areas off site.</u> In addition, the clean sand covers shall be designed to be resistant to erosion, including propeller wash, flow, and tidal induced erosion. The final engineering plans shall include the source and type of sand required for subaqueous application of the clean sand covers. The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) shall review and have approval authority for the final engineering plans, and shall verify implementation. A regulatory oversight contractor may be used by the San Diego Water Board.</p>	<p>San Diego Water Board</p>	<p>Ongoing during application of clean sand cover</p>
<p>Mitigation Measure 4.2.8: During application of the clean sand covers, the contractor shall place the initial layers of the clean sand cover in controlled lifts <u>so as to ensure proper placement over the required area, minimize the potential for</u></p>	<p>Contractor, as verified by the San Diego Water Board</p>	<p>Ongoing during application of clean sand cover</p>

Mitigation Monitoring and Reporting Program (MMRP)

Mitigation Measures	Responsible Party	Timing for Mitigation Measure
<p><u>disturbance and intermixing of the underlying sediments, and ensure that the required sand cover thicknesses are achieved. by hydraulically placing the material from a barge in order. The sand shall be placed in such a manner as</u> to reduce the vertical impact and lateral spreading of the clean sand cover material and the potential for resuspending the contaminated surface sediments. Controlled placement shall also minimize the mixing of the clean sand covers and underlying sediment by allowing the sediment to slowly gain strength before subsequent layers are deposited. Operational controls such as silt curtains shall also be employed during placement of the clean sand covers. The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board), with the assistance of a regulatory oversight contractor, shall be responsible for ensuring adherence to the requirements of this measure.</p>		
<p>Mitigation Measure 4.2.9: Prior to dredging operations, a Dredging Management Plan (DMP) shall be prepared. The contractor shall implement the measures listed in the DMP during dredging operations. The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) shall be responsible for review and approval of the DMP. The DMP shall contain Standard Operating Procedures (SOPs) for the project to assist the dredge contractor in preventing accidental spills and providing the necessary guidelines to follow in case of an oil or fuel spill. In addition to providing SOPs to prevent accidental oil/fuel spills during construction activities, the DMP shall address the identification of dredging needs, a methodology and process for determining dredging priorities and scheduling, the feasibility and requirements for expedited permitting, Quality Assurance Project Plan (QAPP) to comply with regulatory requirements, alternatives for control and operation of dredging equipment, and Best Management Practices (BMPs) to implement in the event of equipment failure and/or repair. Typical BMPs for equipment failure or repair shall be identified in the DMP and could include: communication to project personnel, proper signage and/or barriers alerting others of potentially unsafe conditions, all repair work to be conducted on land and not over water, repair work involving use of liquids to be performed with proper spill containment equipment (e.g., spill kit), and a contingency plan identifying availability of other equipment or subcontracting options. Furthermore, the DMP shall specify that water discharges to San Diego Bay are prohibited; therefore, the barge shall</p>	<p>Contractor, as verified by the San Diego Water Board</p>	<p>Prior to initiation of and ongoing during dredging operations</p>

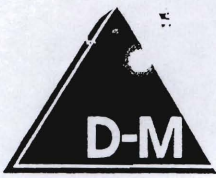
APPENDIX – DOCUMENTATION
SUPPORTING TCAO FINDING 41 (COST
RECOVERY)

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DM Information Services, Inc.

DM Information Services, Inc.

Invoice #	Invoice Date	Invoice Period	Total
2006113022	11/30/2006	9/12/2006 - 11/30/06	\$2,425.14
2007013119	1/31/2007	12/01/06 - 02/01/07	\$11,320.92
2007022828	2/28/2007	2/2/07 - 2/27/07	\$3,214.13
2007033130	3/31/2007	3/1/07 - 3/31/07	\$3,208.23
2007043015	4/30/2007	4/01/07 - 4/30/07	\$3,045.60
2007053117	5/31/2007	5/1/07 - 5/28/07	\$2,751.46
2007062703	6/27/2007	5/29/07 - 6/25/07	\$4,603.54
2007093018	9/30/2007	8/15/07 - 9/24/07	\$6,400.73
2007103105	10/31/2007	9/25/07-10/31/07	\$1,422.17
2007113022	11/30/2007	11/01/07 - 11/30/07	\$5,937.08
2008010107	1/1/2008	12/01/07 - 12/25/2007	\$6,466.36
2008013126	1/31/2008	12/26/2007 - 1/28/08	\$809.57
2008050101	3/31/08 revised		\$58,302.62
			\$109,907.55



D-M Information Systems, Inc.

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 [eff. 12/01/06]
 P.O. Box 79019
 City of Industry CA 91716-9019
 530.750.7100 or 800.653.2112

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Craig Carlisle 1-19-07

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Production

Document Repository

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Imaging

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Imaging

Blowbacks

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Recognition (OCR)

CD-ROM Production

Image & Database
Conversions

Database Design

Programming

Project Consulting

Privilege Logs

Document
Summaries

Bates Labeling

Software

BILL TO
CA State Water Resources Control Board Attn.: Accounting P.O. Box 100 Sacramento CA 95812-0100

REFERENCE
RWQCB - San Diego - Region 9 Contr Reg #39400606125716 Agency Order #05-190-8037 MSA #5-03-70-33 Invoice Period: 09/12/06 - 11/30/06

DATE	INVOICE #	TERMS	DUE DATE	PROJECT
11/30/2006	06113022	NET 30	1/14/2007	RWQCB - SD (Reg. 9)

DATE/DESCRIPTION	QTY	COST	UNIT	AMOUNT
Litigation Support Services				
DOCUMENT SCANNING SERVICES				
LA-5: Scanning Manager	3	40.00	/hour	120.00
SC-5: Normal Document Preparation	10,855	0.03	/page	325.65
SC-13: Litigation Scanning - 300 dpi [up to 11"x17"]	10,855	0.08	/page	868.40
SC-23: Normal Document Reassembly	10,855	0.03	/page	325.65
SC-9: Copying Difficult Documents Before Scanning	287	0.20	/copy	57.40
TECHNICAL SUPPORT SERVICES				
LA-2: Program Manager [Client communication and project oversight.]	2	95.00	/hour	190.00
LA-9: Senior Technical Support Specialist [Linking of files on CDs and floppy disks.]	4	75.00	/hour	300.00
DELIVERABLES AND SHIPPING				
DE-1: CD-ROM Production [Master + Archive] [RWQCB_001, -002, -004]	3	25.00	/CD	75.00
DE-3: DVD Production [Master + Archive] [RWQCB_003]	1	50.00	/DVD	50.00
ME-7: Shipping - CA Overnight: 11/10, 11/21, 11/30/06 [cost + 15%]	1.15	42.03		48.33
ME-7: Shipping - FedEx: 10/04/06 [cost + 15%]	1.15	15.23		17.51
ME-7: Shipping - UPS: 09/28, 11/07/06 [cost + 15%]	1.15	41.04		47.20
Invoice TOTAL				2,425.14
Please note our new Remit Address at the top!			TOTAL	\$2,425.14

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174 05-06

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Craig Carball 2-26-07

Document Coding

Electronic Evidence
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Document Repository

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Blowbacks

Color & Oversize
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Recognition (OCR)

CD-ROM Production

Image & Database
Conversions

Database Design

Programming

Project Consulting

Privilege Logs

Document
Summaries

Bates Labeling

Software

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CA State Water Resources Control Board Attn.: Accounting P.O. Box 100 Sacramento CA 95812-0100

REFERENCE
RWQCB - San Diego - Region 9 Contr Reg #39400606125716 Agency Order #05-190-8037 MSA #5-03-70-33 Invoice Period: 12/01/06 - 02/01/07

DATE	INVOICE #	TERMS	DUE DATE	PROJECT
1/31/2007	07013119	NET 30	3/2/2007	RWQCB - SD (Reg. 9)

DATE/DESCRIPTION	QTY	COST	UNIT	AMOUNT
Litigation Support Services				
DOCUMENT SCANNING SERVICES				
LA-5: Scanning Manager	1	40.00	/hour	40.00
SC-5: Normal Document Preparation	10,158	0.03	/page	304.74
SC-13: Litigation Scanning - 300 dpi [up to 11"x17"]	10,158	0.08	/page	812.64
SC-23: Normal Document Reassembly	10,158	0.03	/page	304.74
SC-9: Copying Difficult Documents Before Scanning	1,009	0.20	/copy	201.80
CODING SERVICES				
LA-4: Managing Project-Specific Activities	2.75	50.00	/hour	137.50
CD-3: Key Entry - Basic Document [BID, EID, Date, Doc Type, Exact RE/Title] [for period 12/01/06 to 02/01/07]	1,081	1.05	/doc	1,135.05
CD-3: Key Entry - Basic Document [BID, EID, Date, Doc Type, Exact RE/Title] [for period 09/12/06 to 11/30/06 - NOT Previously Billed]	1,771	1.05	/doc.	1,859.55
CD-4: Key Entry - Each Additional Coded Field [for period 12/01/06 to 02/01/07]	1,081	0.40	/doc	432.40
CD-4: Key Entry - Each Additional Coded Field [for period 09/12/06 to 11/30/06 - NOT Previously Billed]	1,771	0.40	/doc.	708.40
CD-7: Key Entry - Global Fields [for period 12/01/06 to 02/01/07]	1,081	0.12	/entry	129.72
CD-7: Key Entry - Global Fields [for period 09/12/06 to 11/30/06 - NOT Previously Billed]	1,771	0.12	/entry	212.52
CD-13: Quality Control of Coded Entry	1.5	50.00	/hour	75.00

Please note our new Remit Address at the top!
Page 1 of 3

TOTAL --continued--



D-M Information Systems, Inc.

NEW REMIT ADDRESS

[eff. 12/01/06]

P.O. Box 79019

City of Industry CA 91716-9019

530.750.7100 or 800.653.2112

FY 05-06

INVOICE

Document Coding

BILL TO

REFERENCE

Electronic Evidence
Production

CA State Water Resources Control Board

RWQCB - San Diego - Region 9
Contr Reg #39400606125716

Document Repository

Attn.: Accounting

Agency Order #05-190-8037

P.O. Box 100

MSA #5-03-70-33

Sacramento CA 95812-0100

Invoice Period: 12/01/06 - 02/01/07

Black & White

Imaging

Color & Oversize

Imaging

DATE	INVOICE #	TERMS	DUE DATE	PROJECT
1/31/2007	07013119	NET 30	3/2/2007	RWQCB - SD (Reg. 9)

Blowbacks

Color & Oversize

Prints

Image Branding

Optical Character
Recognition (OCR)

CD-ROM Production

Image & Database
Conversions

Database Design

Programming

Project Consulting

Privilege Logs

Document
Summaries

Bates Labeling

Software

DATE/DESCRIPTION	QTY	COST	UNIT	AMOUNT
OCR SERVICES				
OC-2: Tiff Image to Text Conversion [for period 12/01/06 to 02/01/07]	10,158	0.03	/page	304.74
OC-2: Tiff Image to Text Conversion [for period 09/12/06 to 11/30/06 - NOT Previously Billed]	10,855	0.03	/page	325.65
TECHNICAL SUPPORT SERVICES				
LA-2: Program Manager [Client communication and project oversight.]	5	95.00	/hour	475.00
LA-9: Senior Technical Support Specialist [Linking of files on CDs and floppy disks.]	5	75.00	/hour	375.00
DELIVERABLES				
DE-1: CD-ROM Production [Master + Archive] [RWQCB_005, _007]	2	25.00	/CD	50.00
DE-3: DVD Production [Master + Archive] [RWQCB_006_1, -2, -3]	3	50.00	/DVD	150.00
PROJECT MATERIALS AND ODC'S Materials Used in Production [Subcontracted conversion of VHS tapes to digital format - 35 tapes at \$65 per tape hour - 29 hours of tape] [cost + 15%] [ELS Invoice #13262, dated 01/31/07, for services provided 12/22/06]	1.15	1,908.16		2,194.38

Please note our new Remit Address at the top!
Page 2 of 3

TOTAL --continued--



D-M Information Systems, Inc.

NEW REMIT ADDRESS
 [eff. 12/01/06]
 P.O. Box 79019
 City of Industry CA 91716-9019
 530.750.7100 or 800.653.2112

1-4 05-06

INVOICE

Document Coding

BILL TO

REFERENCE

Electronic Evidence
Production

CA State Water Resources Control Board
 Attn.: Accounting
 P.O. Box 100
 Sacramento CA 95812-0100

RWQCB - San Diego - Region 9
 Contr Reg #39400606125716
 Agency Order #05-190-8037
 MSA #5-03-70-33
 Invoice Period: 12/01/06 - 02/01/07

Document Repository

Black & White

Imaging

Color & Oversize

Imaging

DATE	INVOICE #	TERMS	DUE DATE	PROJECT
1/31/2007	07013119	NET 30	3/2/2007	RWQCB - SD (Reg. 9)

Blowbacks

Color & Oversize

Prints

Image Branding

Optical Character

Recognition (OCR)

CD-ROM Production

Image & Database

Conversions

Database Design

Programming

Project Consulting

Privilege Logs

Document

Summaries

Bates Labeling

Software

DATE/DESCRIPTION	QTY	COST	UNIT	AMOUNT
Materials Used in Production [Subcontracted conversion of VHS tapes to digital format - 12 tapes at \$65 per tape hour - 13 hours of tape] [cost + 15%] [ELS Invoice #12660, 02/15/06, for services provided 11/10/06 - NOT Previously Billed]	1.15	845.00		971.75
ME-7: Shipping - CA Overnight: 12/06/06 [cost + 15%]	1.15	14.93		17.17
ME-7: Shipping - FedEx: 01/16/07, 02/01/07 [cost + 15%]	1.15	53.33		61.33
ME-7: Shipping - UPS: 12/12/06, 01/02/07, 01/24/07 [cost + 15%]	1.15	36.38		41.84
Invoice TOTAL				11,320.92

Please note our new Remit Address at the top!			TOTAL	\$11,320.92
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D-M Information Systems, Inc.

NEW REMIT ADDRESS

[eff. 12/01/06]

P.O. Box 79019

City of Industry CA 91716-9019

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FY05-06

INVOICE

*OK Craig Carls
to pay 3-19-07*

Document Coding

Electronic Evidence
Production

Document Repository

Black & White

Imaging

Color & Oversize

Imaging

Blowbacks

Color & Oversize

Prints

Image Branding

Optical Character

Recognition (OCR)

CD-ROM Production

Image & Database

Conversions

Database Design

Programming

Project Consulting

Privilege Logs

Document

Summaries

Bates Labeling

Software

BILL TO
CA State Water Resources Control Board Attn.: Accounting P.O. Box 100 Sacramento CA 95812-0100

REFERENCE
RWQCB - San Diego - Region 9 Contr Reg #39400606125716 Agency Order #05-190-8037 MSA #5-03-70-33 Invoice Period: 02/02/07 - 02/27/07

DATE	INVOICE #	TERMS	DUE DATE	PROJECT
2/28/2007	07022828	NET 30	3/30/2007	RWQCB - SD (Reg. 9)

DATE/DESCRIPTION	QTY	COST	UNIT	AMOUNT
DOCUMENT SCANNING SERVICES				
SC-5: Normal Document Preparation	2,744	0.03	/page	82.32
SC-13: Litigation Scanning - 300 dpi [up to 11"x17"]	2,744	0.08	/page	219.52
SC-23: Normal Document Reassembly	2,774	0.03	/page	83.22
CODING SERVICES				
LA-4: Managing Project-Specific Activities	3.5	50.00	/hour	175.00
CD-3: Key Entry - Basic Document [BID, EID, Date, Doc Type, Exact RE/Title]	1,139	1.05	/doc	1,195.95
CD-4: Key Entry - Each Additional Coded Field	1,139	0.40	/doc	455.60
CD-7: Key Entry - Global Fields	1,139	0.12	/entry	136.68
TECHNICAL SUPPORT SERVICES				
OC-2: Tiff Image to Text Conversion	2,744	0.03	/page	82.32
LA-10: Technical Support Specialist	7.75	50.00	/hour	387.50
DE-3: DVD Production [Master + Archive] [RWQCB_008 - _010]	3	50.00	/DVD	150.00
PROJECT MATERIALS AND ODC'S				
Materials Used in Production [Subcontracted conversion of VHS tapes to digital format - 6 tapes at \$65 per tape hour - 4 hours of tape] [cost + 15%] [ELS Invoice #13293, dated 02/01/07, for services provided 01/26/07]	1.15	200.79		230.91
ME-7: Shipping - UPS: 02/02/07, 02/13/07, 02/23/07 [cost + 15%]	1.15	13.14		14.99
Invoice TOTAL				4.13
Please note our new Remit Address at the top!		TOTAL		214.13

2007 MAR 14 P 1:46
SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD

INVOICE



D-M Information Systems, Inc.

NEW REMIT ADDRESS

[eff. 12/01/06]
 P.O. Box 79019
 City of Industry CA 91716-9019
 530.750.7100 or 800.653.2112

#1

Document Coding

BILL TO

REFERENCE

Electronic Evidence
 Production

CA State Water Resources Control Board Attn.: Accounting P.O. Box 100 Sacramento CA 95812-0100

RWQCB - San Diego - Region 9 Contr Reg #39400606125716 Agency Order #05-190-8037 MSA #5-03-70-33 Invoice Period: 03/01/07 - 03/31/07
--

OK
Craig Carlisle
 5-7-07

Document Repository

Black & White

Imaging

Color & Oversize

Imaging

DATE	INVOICE #	TERMS	DUE DATE	PROJECT
3/31/2007	07033130	NET 30	4/30/2007	RWQCB - SD (Reg. 9)

Blowbacks

Color & Oversize

Prints

Image Branding

Optical Character

Recognition (OCR)

CD-ROM Production

Image & Database

Conversions

Database Design

Programming

Project Consulting

Privilege Logs

Document

Summaries

Bates Labeling

Software

DATE/DESCRIPTION	QTY	COST	UNIT	AMOUNT
DOCUMENT SCANNING SERVICES				
LA-5: Scanning Manager	3	50.00	/hour	150.00
SC-5: Normal Document Preparation	9,898	0.03	/page	296.94
SC-13: Litigation Scanning - 300 dpi [up to 11"x17"]	9,898	0.08	/page	791.84
SC-23: Normal Document Reassembly	9,898	0.03	/page	296.94
CODING SERVICES				
LA-4: Managing Project-Specific Activities	1.25	50.00	/hour	62.50
CD-3: Key Entry - Basic Document [BID, EID, Date, Doc Type, Exact RE/Title]	578	1.05	/doc	606.90
CD-4: Key Entry - Each Additional Coded Field	578	0.40	/doc	231.20
CD-7: Key Entry - Global Fields	578	0.12	/entry	69.36
TECHNICAL SUPPORT SERVICES				
OC-2: Tiff Image to Text Conversion	9,898	0.03	/page	296.94
LA-10: Technical Support Specialist	5	50.00	/hour	250.00
DE-1: CD-ROM Production [Master + Archive] [RWQCB_011]	1	25.00	/CD	25.00
DE-3: DVD Production [Master + Archive] [RWQCB_012]	1	50.00	/DVD	50.00
ME-7: Shipping - California Overnight: 03/29/07 [cost + 15%]	1.15	11.57		13.31
ME-7: Shipping - FedEx: 03/06/07, 03/13/07 [cost + 15%]	1.15	52.84		60.77
ME-7: Shipping - UPS: 03/14/07 [cost + 15%]	1.15	5.68		6.53
Invoice TOTAL				3,208.23

Please note our new Remit Address at the top!	TOTAL	\$3,208.23
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D-M Information Systems, Inc.

NEW REMIT ADDRESS

[eff. 12/01/06]

P.O. Box 79019

City of Industry CA 91716-9019

530.750.7100 or 800.653.2112

OK to pay
5-28-07

1705-06

INVOICE

OK by Celile
5-28-07

BILL TO
CA State Water Resources Control Board Attn.: Accounting P.O. Box 100 Sacramento CA 95812-0100

REFERENCE
RWQCB - San Diego - Region 9 Contr Reg #39400606125716 Agency Order #05-190-8037 MSA #5-03-70-33 Invoice Period: 04/01/07 - 04/30/07

DATE	INVOICE #	TERMS	DUE DATE	PROJECT
4/30/2007	07043015	NET 30	5/30/2007	RWQCB - SD (Reg. 9)

DATE/DESCRIPTION	QTY	COST	UNIT	AMOUNT
DOCUMENT SCANNING SERVICES				
LA-5: Scanning Manager	1	50.00	/hour	50.00
SC-5: Normal Document Preparation	10,342	0.03	/page	310.26
SC-9: Copying Difficult Documents Before Scanning	99	0.20	/copy	19.80
SC-13: Litigation Scanning - 300 dpi [up to 11"x17"]	10,342	0.08	/page	827.36
SC-23: Normal Document Reassembly	10,342	0.03	/page	310.26
CODING SERVICES				
LA-4: Managing Project-Specific Activities	0.75	50.00	/hour	37.50
CD-3: Key Entry - Basic Document [BID, EID, Date, Doc Type, Exact RE/Title]	631	1.05	/doc	662.55
CD-4: Key Entry - Each Additional Coded Field	631	0.40	/doc	252.40
CD-13: Quality Control of Coded Entry	0.25	50.00	/hour	12.50
TECHNICAL SUPPORT SERVICES				
OC-2: Tiff Image to Text Conversion	10,342	0.03	/page	310.26
LA-10: Technical Support Specialist	3	50.00	/hour	150.00
DE-1: CD-ROM Production [Master + Archive] [RWQCB_013, RWQCB_014]	2	25.00	/CD	50.00
ME-7: Shipping - FedEx: 04/03/07, 04/12/07 [cost + 15%]	1.15	40.70		46.81
ME-7: Shipping - UPS: 04/18/07 [cost + 15%]	1.15	5.13		5.90
Invoice TOTAL				3,045.60
Please remit to above address.			TOTAL	\$3,045.60

D-M Information Systems, Inc.

015 705-06043-07
Crazy Carhole INVOICE

NEW REMIT ADDRESS

[eff. 12/01/06]
P.O. Box 79019
City of Industry CA 91716-9019
530.750.7100 or 800.653.2112

BILL TO
CA State Water Resources Control Board Attn.: Accounting P.O. Box 100 Sacramento CA 95812-0100

REFERENCE
RWQCB - San Diego - Region 9 Contr Reg #39400606125716 Agency Order #05-190-8037 MSA #5-03-70-33 Invoice Period: 05/01/07 - 05/28/07

DATE	INVOICE #	TERMS	DUE DATE	PROJECT
5/31/2007	07053117	NET 30	6/30/2007	RWQCB - SD (Reg. 9)

DATE/DESCRIPTION	QTY	COST	UNIT	AMOUNT
DOCUMENT SCANNING SERVICES				
LA-5: Scanning Manager	1.75	50.00	/hour	87.50
SC-5: Normal Document Preparation	7,017	0.03	/page	210.51
SC-9: Copying Difficult Documents Before Scanning	262	0.20	/copy	52.40
SC-13: Litigation Scanning - 300 dpi [up to 11"x17"]	7,017	0.08	/page	561.36
SC-23: Normal Document Reassembly	7,017	0.03	/page	210.51
CODING SERVICES				
LA-4: Managing Project-Specific Activities	2.25	50.00	/hour	112.50
CD-3: Key Entry - Basic Document [BID, EID, Date, Doc Type, Exact RE/Title]	502	1.05	/doc	527.10
CD-4: Key Entry - Each Additional Coded Field	502	0.20	/doc	100.40
CD-13: Quality Control of Coded Entry	0.5	50.00	/hour	25.00
TECHNICAL SUPPORT SERVICES				
OC-2: Tiff Image to Text Conversion	7,017	0.03	/page	210.51
LA-10: Technical Support Specialist	11	50.00	/hour	550.00
DE-1: CD-ROM Production [Master + Archive] [RWQCB_015]	1	25.00	/CD	25.00
DE-3: DVD Production [Master + Archive] [RWQCB_016]	1	50.00	/DVD	50.00
ME-7: Shipping - FedEx: 05/17/07 [cost + 15%]	1.15	20.54		23.62
ME-7: Shipping - UPS: 05/25/07 [cost + 15%]	1.15	4.39		5.05
Invoice TOTAL				2,751.46
Please remit to above address.		TOTAL		\$2,751.46

D-M Information Systems, Inc.

INVOICE

NEW REMIT ADDRESS

[eff. 12/01/06]
 P.O. Box 79019
 City of Industry CA 91716-9019
 530.750.7100 or 800.653.2112

OK Craig Carlisle
 7/24/07

BILL TO
CA State Water Resources Control Board Attn.: Accounting P.O. Box 100 Sacramento CA 95812-0100

REFERENCE
RWQCB - State Region 9 Contr Reg # 000607224510 Agency Order # 05-1904063 MSA #5-03-70-33 Invoice Period: 05/29/07 - 06/25/07

2007 JUL 13 AM 10 58

STATE REGION 9
 WATER QUALITY CONTROL BOARD
 SACRAMENTO

DATE	INVOICE #	TERMS	DUE DATE	PROJECT
6/27/2007	07062703	NET 30	7/27/2007	RWQCB - SD (Reg. 9)

DATE/DESCRIPTION	QTY	COST	UNIT	AMOUNT
DOCUMENT SCANNING SERVICES				
SC-5: Normal Document Preparation	14,867	0.03	/page	446.01
SC-9: Copying Difficult Documents To Scan	26	0.20	/copy	5.20
SC-13: Litigation Scanning - 300 dpi [up to 11"x17"]	14,867	0.08	/page	1,189.36
SC-23: Normal Document Reassembly	14,867	0.03	/page	446.01
CODING SERVICES				
LA-4: Managing Project Specific Activities	1.75	50.00	/hour	87.50
CD-3: Key Entry - Basic Document [BID, EID, Date, Doc Type, Exact RE/Title]	788	1.05	/doc	827.40
CD-4: Key Entry - Each Additional Coded Field	788	0.40	/doc	315.20
CD-13: Quality Control of Coded Entry	2	50.00	/hour	100.00
TECHNICAL SUPPORT SERVICES				
OC-2: Tiff Image to Text Conversion	14,867	0.03	/page	446.01
LA-10: Technical Support Specialist	7	50.00	/hour	350.00
DE-3: DVD Production [Master + Archive] [RWQCB_017, _018]	2	50.00	/DVD	100.00
Contract Specific Supplies [Subcontracted version of VHS tapes to digital format: 4 tapes (DM-31770) at \$65 per tape hour, approx. 3.5 hours of tape. Work done MAR07, not yet billed.] [cost + 15%]	1.15	227.50		261.63
ME-7: Shipping - FedEx: 06/12/07 [cost+15%]	1.15	21.00		24.15
ME-7: Shipping - UPS: 06/19/07 [cost+15%]	1.15	4.41		5.07
Invoice TOTAL				4,603.54
Please remit to above address.			TOTAL	\$4,603.54

STATE REGION 9
 WATER QUALITY CONTROL BOARD
 SACRAMENTO
 11:02

D-M Information Systems, Inc.

INVOICE

NEW REMIT ADDRESS

[eff. 12/01/06]

P.O. Box 79019

City of Industry CA 91716-9019

530.750.7100 or 800.653.2112

BILL TO
CA State Water Resources Control Board Attn.: Accounting P.O. Box 100 Sacramento CA 95812-0100

REFERENCE
RWQCB - San Diego - Region 9 Contr Reg #39400607224510 Agency Order #05-190-8063 MSA #5-03-70-33 Invoice Period: 08/15/07 - 09/24/07

DATE	INVOICE #	TERMS	DUE DATE	PROJECT
9/30/2007	07093018	NET 30	10/30/2007	RWQCB - SD (Reg. 9)

DATE/DESCRIPTION	QTY	COST	UNIT	AMOUNT
SHIPPING AND OTHER COSTS				
ME-7: Shipping - UPS: 09/18/07, 09/19/07, 09/24/07 [cost + 15%]	1.15	51.23		58.91
Subtotal - Batches 90, 91, 92 -- 09/17/07 - 09/24/07				607.20
Invoice TOTAL				6,400.73
Please remit to above address.	Page 3	TOTAL		\$6,400.73

D-M Information Systems, Inc.

INVOICE

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BILL TO
CA State Water Resources Control Board Attn.: Accounting P.O. Box 100 Sacramento CA 95812-0100

REFERENCE
RWQCB - San Diego - Region 9 Contr Reg #39400607224510 Agency Order #05-190-8063 MSA #5-03-70-33 Invoice Period: 09/25/07 - 10/31/07 <i>Approved Craig Carls</i> 11-14-07

DATE	INVOICE #	TERMS	DUE DATE	PROJECT
10/31/2007	07103105	NET 30	11/30/2007	RWQCB - SD (Reg. 9)

DATE/DESCRIPTION	QTY	COST	UNIT	AMOUNT
PROJECT SERVICES 09/25/07 - 10/15/07				
DOCUMENT SCANNING SERVICES				
SC-5: Normal Document Preparation	1,810	0.03	/page	54.30
SC-13: Litigation Scanning - 300 dpi [up to 11"x17"]	1,810	0.08	/page	144.80
SC-23: Normal Document Reassembly	1,810	0.03	/page	54.30
DOCUMENT CODING SERVICES				
LA-4: Managing Project-Specific Activities	0.5	50.00	/hour	25.00
CD-3: Key Entry - Basic Document [BID, EID, Date, Doc Type, Exact RE/Title]	55	1.05	/doc	57.75
CD-7: Key Entry - Global Fields [18 requested fields X number of docs]	990	0.01	/entry	9.90
CD-13: Quality Control of Coded Entry	0.25	50.00	/hour	12.50
TECHNICAL SUPPORT SERVICES				
OC-2: Tiff Image to Text Conversion	1,810	0.03	/page	54.30
LA-10: Technical Support Specialist	2.25	50.00	/hour	112.50
DE-1: CD-ROM Production [Master + Archive] [RWQCB_025, -026]	2	25.00	/CD	50.00
SHIPPING AND OTHER COSTS				
ME-7: Shipping - UPS: 09/28/07, 10/03/07 [cost+15%]	1.15	8.38		9.64
Subtotal - 09/25/07 -- 10/15/07				584.99

Please remit to above address.	Page 1 of 2	TOTAL --continued--
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D-M Information Systems, Inc.

INVOICE

NEW REMIT ADDRESS

[eff. 12/01/06]

P.O. Box 79019

City of Industry CA 91716-9019

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BILL TO
CA State Water Resources Control Board Attn.: Accounting P.O. Box 100 Sacramento CA 95812-0100

REFERENCE
RWQCB - San Diego - Region 9 Contr Reg #39400607224510 Agency Order #05-190-8063 MSA #5-03-70-33 Invoice Period: 09/25/07 - 10/31/07

DATE	INVOICE #	TERMS	DUE DATE	PROJECT
10/31/2007	07103105	NET 30	11/30/2007	RWQCB - SD (Reg. 9)

DATE/DESCRIPTION	QTY	COST	UNIT	AMOUNT
PROJECT SERVICES 10/16/07 - 10/31/07				
DOCUMENT SCANNING SERVICES				
SC-5: Normal Document Preparation	4,062	0.03	/page	121.86
SC-13: Litigation Scanning - 300 dpi [up to 11"x17"]	4,062	0.08	/page	324.96
SC-23: Normal Document Reassembly	4,062	0.03	/page	121.86
DOCUMENT CODING SERVICES				
LA-4: Managing Project-Specific Activities	0.25	50.00	/hour	12.50
CD-3: Key Entry - Basic Document [BID, EID, Date, Doc Type, Exact RE/Title]	34	1.05	/doc.	35.70
CD-7: Key Entry - Global Fields [18 requested fields X number of docs]	612	0.01	/entry	6.12
TECHNICAL SUPPORT SERVICES				
OC-2: Tiff Image to Text Conversion	4,062	0.03	/page	121.86
LA-10: Technical Support Specialist	1.25	50.00	/hour	62.50
DE-1: CD-ROM Production [Master + Archive] [RWQCB_027]	1	25.00	/CD	25.00
SHIPPING AND OTHER COSTS				
ME-7: Shipping - UPS: 10/24/07 [cost + 15%]	1.15	4.19		4.82
Subtotal -- 10/16/07 - 10/23/07				837.18
Invoice TOTAL				1,422.17

D-M Information Systems, Inc.

INVOICE

NEW REMIT ADDRESS

Eff. 12/01/06
 P.O. Box 79019
 City of Industry CA 91716-9019
 530.750.7100 or 800.653.2112

REC'D
 Approved
 RESOURCES BOARD
 Cable
 12-10-07

BILL TO
CA State Water Resources Control Board Attn.: Accounting P.O. Box 100 Sacramento CA 95812-0100

REFERENCE
RWQCB - San Diego - Region 9 Contr Reg #39400607224510 Agency Order #05-190-8063 MSA #5-03-70-33 Invoice Period: 11/01/07 - 11/30/07

DATE	INVOICE #	TERMS	DUE DATE	PROJECT
11/30/2007	07113022	NET 30	12/30/2007	RWQCB - SD (Reg. 9)

DATE/DESCRIPTION	QTY	COST	UNIT	AMOUNT
DOCUMENT SCANNING SERVICES				
SC-5: Normal Document Preparation	19,896	0.03	/page	596.88
SC-13: Litigation Scanning - 300 dpi [up to 11"x17"]	19,896	0.08	/page	1,591.68
SC-14: Color Scanning	606	1.00	/page	606.00
SC-15: Oversized Scanning	77	7.00	/page	539.00
SC-23: Normal Document Reassembly	19,896	0.03	/page	596.88
DOCUMENT CODING SERVICES				
LA-4: Managing Project-Specific Activities	1.75	50.00	/hour	87.50
CD-3: Key Entry - Basic Document [BID, EID, Date, Doc Type, Exact RE/Title]	462	1.05	/doc	485.10
CD-7: Key Entry - Global Fields [18 requested fields X number of docs]	462	0.01	/entry	4.62
CD-13: Quality Control of Coded Entry	1.5	50.00	/hour	75.00
TECHNICAL SUPPORT SERVICES				
OC-2: Tiff Image to Text Conversion	19,896	0.03	/page	596.88
LA-10: Technical Support Specialist	7.75	50.00	/hour	387.50
DE-1: CD-ROM Production [Master + Archive] [RWQCB_028, _030, _031, _032]	4	25.00	/CD	100.00
DE-3: DVD Production [Master + Archive] [RWQCB_029]	1	50.00	/DVD	50.00
SHIPPING AND OTHER COSTS				
ME-7: Shipping - UPS: 11/06/07, 11/13/07, 11/14/07, 11/15/07, 11/20/07, 11/25/07, 11/27/07 [cost+15%]	1.15	191.34		220.04
Invoice TOTAL				5,937.08

Please remit to above address.	TOTAL	\$5,937.08
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D-M Information Systems, Inc.

NEW REMIT ADDRESS
 [eff. 12/01/06]
 P.O. Box 79019
 City of Industry CA 91716-9019
 530.750.7100 or 800.653.2112

SAN DIEGO REGIONAL
 WATER QUALITY
 CONTROL BOARD

2008 JAN 28 A 10:19

2008 JAN 22 AM 9:12

INVOICE

Approved
Cindy Calabrese

BILL TO
CA State Water Resources Control Board Attn.: Accounting P.O. Box 100 Sacramento CA 95812-0100

REFERENCE
RWQCBSD - San Diego - Region 9 Contr Reg #39400607224510 Agency Order #05-190-8063 MSA #5-03-70-33 Invoice Period: 12/01/07 - 12/25/07

DATE	INVOICE #	TERMS	DUE DATE	PROJECT
1/1/2008	2008010107	NET 30	1/31/2008	RWQCB - SD (Reg. 9)

DATE/DESCRIPTION	QTY	COST	UNIT	AMOUNT
REVISED: 01/08/08 [Orig. Inv. #07123119]				
PROJECT SERVICES 12/01/07 - 12/25/07				
DOCUMENT SCANNING SERVICES				
SC-5: Normal Document Preparation	20,879	0.03	/page	626.37
SC-13: Litigation Scanning - 300 dpi [up to 11"x17"]	20,879	0.08	/page	1,670.32
SC-23: Normal Document Reassembly	20,879	0.03	/page	626.37
SC-14: Color Scanning [up to 8.5x11]	1,088	1.00	/page	1,088.00
SC-15: Oversized Scanning [B&W]	14	6.00	/page	84.00
SC-14: Color Scanning [Oversize]	100	11.00	/page	1,100.00
LA-5: Scanning Manager	1	50.00	/hour	50.00
DOCUMENT CODING SERVICES				
LA-4: Managing Project-Specific Activities	2.25	50.00	/hour	112.50
CD-3: Key Entry - Basic Document [BID, EID, Date, Doc Type, Exact RE/Title]	180	1.05	/doc	189.00
CD-7: Key Entry - Global Fields [18 requested fields times number of docs (i.e. 18x180=3,240)]	3,240	0.01	/entry	32.40
CD-13: Quality Control of Coded Entry	1.25	50.00	/hour	62.50
TECHNICAL SUPPORT SERVICES				
OC-2: Tiff Image to Text Conversion	22,081	0.03	/page	662.43
DE-1: CD-ROM Production [RWQCB_033, -034]	2	25.00	/CD	50.00
DE-3: DVD Production [RWQCB_035]	1	50.00	/DVD	50.00
SHIPPING AND OTHER COSTS				
ME-7: Shipping - UPS: 12/10, 12/18, 12/20/07 [cost + 15%]	1.15	54.32		62.47
Invoice TOTAL -- 12/01/07 - 12/25/07				6,466.36
Thank you for your business.			TOTAL	\$6,466.36

D-M Information Systems, Inc.

NEW REMIT ADDRESS: SACRAMENTO REGIONAL
 WATER QUALITY CONTROL BOARD
 [eff. 12/01/06]
 P.O. Box 79019
 City of Industry CA 91716-9019
 530.750.7100 or 800.551.1255 A 9:41

J. S. ...
 pdf copy of
 invoice to be
 reviewed
INVOICE

Approved: *Ray Carls*
 2008 FEB 19 AM 7 42 3408

BILL TO
CA State Water Resources Control Board Attn.: Accounting P.O. Box 100 Sacramento CA 95812-0100 01.0907 WRCB

REFERENCE
RWQCBSD - San Diego - Region 9 Contr Reg #39400607224510 Agency Order #05-190-8063 MSA #5-03-70-33 Invoice Period: 12/26/07 - 01/28/08

DATE	INVOICE #	TERMS	DUE DATE	PROJECT
1/31/2008	2008013126	NET 30	3/1/2008	RWQCB - SD (Reg. 9)

SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD

DATE/DESCRIPTION	QTY	COST	UNIT	AMOUNT
PROJECT SERVICES				
DOCUMENT SCANNING SERVICES				
SC-5: Normal Document Preparation	1,719	0.03	/page	51.57
SC-13: Mitigation Scanning - 300 dpi [up to 11"x17"]	1,687	0.08	/page	134.96
SC-14: Color Scanning	32	1.00	/page	32.00
SC-23: Normal Document Reassembly	1,719	0.03	/page	51.57
DOCUMENT CODING SERVICES				
LA-4: Managing Project-Specific Activities	1.5	50.00	/hour	75.00
CD-3: Key Entry - Basic Document [BID, EID, Date, Doc Type, Exact RE/Title]	176	1.05	/doc	184.80
CD-7: Key Entry - Global Fields [18 requested fields times number of docs (i.e. 18x176=3,168)]	3,168	0.01	/entry	31.68
CD-13: Quality Control of Coded Entry	0.75	50.00	/hour	37.50
TECHNICAL SUPPORT SERVICES				
OC-2: Tiff Image to Text Conversion	3,742	0.03	/page	112.26
DE-1: CD-ROM Production [RWQCB_036, -037]	2	25.00	/CD	50.00
SHIPPING AND OTHER COSTS				
ME-7: Shipping - UPS: 12/27/07, 01/02/08, 01/11/08 [cost + 15%]	1.15	41.94		48.23
Invoice TOTAL				809.57

Thank you for your business.	TOTAL	\$809.57
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D-M Information Systems, Inc.

INVOICE

PAYMENT REMIT ADDRESS:

P.O. Box 79019

City of Industry CA 91716-9019

530.750.7100 or 800.653.2112

BILL TO
CA State Water Resources Control Board Attn.: Accounting P.O. Box 100 Sacramento CA 95812-0100 <i>950907 wrentel</i>

REFERENCE
RWQCBSD - San Diego - Region 9 Contr Reg #39400607224510 Agency Order # 05-190-8063 MSA #5-03-70-33 Invoice Date: 03/31/08 <i>PO# 06-190-8063</i>

DATE	INVOICE #	TERMS	DUE DATE	PROJECT
5/1/2008	2008050101	NET 30	5/31/2008	RWQCB - SD (Reg. 9)

DATE/DESCRIPTION	QTY	COST	UNIT	AMOUNT
Subtotal - New Work				67,781.27
CREDIT - To Meet Amount Remaining for PO #05-190-8063		-9,478.65		-9,478.65
Subtotal - Credit				-9,478.65
Invoice TOTAL				58,302.62
Thank you for your business.		TOTAL		\$58,302.62

*Approved
Craig Cahill
5-13-08*

D-M Information Systems, Inc.

INVOICE

PAYMENT REMIT ADDRESS:

P.O. Box 79019

City of Industry CA 91716-9019

530.750.7100 or 800.653.2112

BILL TO	REFERENCE
CA State Water Resources Control Board Attn.: Accounting P.O. Box 100 Sacramento CA 95812-0100	RWQCBSD - San Diego - Region 9 Contr Reg #39400607224510 Agency Order #05-190-8063 MSA #5-03-70-33 Invoice Date: 03/31/08

DATE	INVOICE #	TERMS	DUE DATE	PROJECT
5/1/2008	2008050101	NET 30	5/31/2008	RWQCB - SD (Reg. 9)

DATE/DESCRIPTION	QTY	COST	UNIT	AMOUNT
New Work [cont'd.]				
EE-7: Processing [Creating a record for each disk or item with e-mail attachment fields; Internal mailbox de-duping; Extracting text for filtering; Creating formatted text for attachments; Gathering metadata for attachments files; Combining all elements to prep.]	18.372	750.00	/GB	13,779.00
EE-12: Creating Tiff File Images [Generating standard Group IV TIFF file images for each page.]	155,767	0.08	/tiff	12,461.36
DE-5: Data/Images Delivery by Harddrive	21	250.00	/h'drive	5,250.00
ME-7: Shipping - CA Overnight: 02/29/08 [cost + 15%]	1.15	12.13		13.95
ME-7: Shipping - UPS: 03/27/08 [cost + 15%]	1.15	14.37		16.53
ME-7: Shipping - UPS: 04/03/08 [cost + 15%]	1.15	149.15		171.52
[[17 Harddrives shipped to 13 addresses: C. Volz - McKenna Long - SF CA; J. Tracy - Sempra Energy - SD CA; E. Spiess - SWRCB - SAC CA; D. Merk - SDUPD - SD CA; D. Mulliken - Latham & Watkins - SD CA; M. Gonzalez - Coast Law Group - Encinitas CA; P. Schmidt - Construction & Design/Campbell Industries - Seattle WA; D. Silverstein - NFCSW - SD CA; J. Dagna - Bingham & McCutchen - LA CA; S. Cloward - SD Port Tenants Assn. - SD CA; C. McNevis - Pillsbury Winthrop - LA CA; B. Ledger - Gordon & Rees - SD CA; C. Carlisle - RWQCB - SD CA.]				
Thank you for your business.	Page 3 of 4	TOTAL --continued--		

D-M Information Systems, Inc.

INVOICE

PAYMENT REMIT ADDRESS:

P.O. Box 79019

City of Industry CA 91716-9019

530.750.7100 or 800.653.2112

BILL TO	REFERENCE
CA State Water Resources Control Board Attn.: Accounting P.O. Box 100 Sacramento CA 95812-0100	RWQCBSD - San Diego - Region 9 Contr Reg #39400607224510 Agency Order #05-190-8063 MSA #5-03-70-33 Invoice Date: 03/31/08

DATE	INVOICE #	TERMS	DUE DATE	PROJECT
5/1/2008	2008050101	NET 30	5/31/2008	RWQCB - SD (Reg. 9)

DATE/DESCRIPTION	QTY	COST	UNIT	AMOUNT
New Work [cont'd.]				
LA-9: Senior Technical Support Specialist [Matching coded records to directory structures populated with multiple files.]	2.5	75.00	/hour	187.50
SC-16: Electronic Image Numbering	375,697	0.01	/page	3,756.97
SC-17: Electronic Image Branding	375,697	0.01	/page	3,756.97
OC-2: Tiff Image to Text Conversion [OCR]	375,697	0.03	/page	11,270.91
SC-33: PDF Conversions [tiff to PDF, PDF to tiff] [To create new searchable .pdf's.]	375,697	0.03	/page	11,270.91
CD-3: Key Entry - Basic Document [BID, EID, Date, Doc Type, Exact RE/Title]	93	1.05	/doc.	97.65
CD-3: Key Entry - Basic Document [BID, EID, Date, Doc Type, Exact RE/Title] [New data for RWQCB_038]	10	1.05	/doc.	10.50
LA1: Specialized Technical Assistance, Consulting, and Training [Writing of three programs to effect the numbering and integration of EE into the existing file collection, and associated revision of coded files.]	6.5	150.00	/hour	975.00
LA-9: Senior Technical Support Specialist [Creation of final index from multiple exports, including the consolidation of directory structures, creation of hyperlinks to pdfs, and creation of hyperlinks to native files for "file not processed" files.]	19	75.00	/hour	1,425.00
LA-9: Senior Technical Support Specialist [Complex linking of unusual file types, conversion of audio files to .mp3, etc.]	3	75.00	/hour	225.00

Thank you for your business.	Page 2 of 4	TOTAL --continued--
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D-M Information Systems, Inc.

INVOICE

PAYMENT REMIT ADDRESS:

P.O. Box 79019

City of Industry CA 91716-9019

530.750.7100 or 800.653.2112

BILL TO
CA State Water Resources Control Board Attn.: Accounting P.O. Box 100 Sacramento CA 95812-0100

REFERENCE
RWQCBSD - San Diego - Region 9 Contr Reg #39400607224510 Agency Order #05-190-8063 MSA #5-03-70-33 Invoice Date: 03/31/08

DATE	INVOICE #	TERMS	DUE DATE	PROJECT
5/1/2008	2008050101	NET 30	5/31/2008	RWQCB - SD (Reg. 9)

DATE/DESCRIPTION	QTY	COST	UNIT	AMOUNT
REPLACES INVOICE 2008033124, DATED 03/31/08, IN THE AMOUNT OF \$67,609.75.				
CONSOLIDATION PROJECT SERVICES 11/15/07 - 03/31/08				
D-M Fixes				
LA-10: Technical Support Specialist [Electronic Evidence re-collection and review: Catalogue and load incoming media for review of missed files.]	14	50.00	/hour	700.00
LA-9: Senior Technical Support Specialist [Electronic file review: Check existing exports against newly received file collection.]	3	75.00	/hour	225.00
CREDIT -- For 2 Line Items Above		-925.00	/hour	-925.00
Subtotal - D-M Fixes [NO CHARGE to RWQCBSD]				0.00
New Work				
LA-9: Senior Technical Support Specialist [Creation of new "export", RWQCB_038 from electronic media newly received from client (Note: this is not remediation on previously received work; these discs were of never before received materials).]	3	75.00	/hour	225.00
LA-9: Senior Technical Support Specialist [Preparation of EE files for processing, and integration of EE processing into the existing file structure, including "file not processed" integration.]	38.5	75.00	/hour	2,887.50

Thank you for your business.

Department of Fish
and Game

Department of Fish and Game Technical Consultation Services

Invoice	Period	Site	Task 1	Task 2	Task 3	Task 4	Task 5	Admin Overhead	Total	
20425	9/1/01 - 6/30/02	Shipyards	\$2,264.64	\$0.00	\$10,285.95	\$6,249.53	\$120.66	\$1,562.79	\$20,483.57	
		BF Goodrich	\$0.00	\$0.00	\$1,916.39	\$0.00	\$0.00	\$1,562.79	\$3,479.18	
20113	7/1/02 - 10/31/02	Shipyards	\$2,147.92	\$1,866.96	\$5,362.32	\$2,899.22	\$0.00	\$920.73	\$13,197.15	
		BF Goodrich	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$920.73	\$920.73	
20447	11/2/02 - 2/28/03	Shipyards	\$1,319.07	\$0.00	\$1,008.75	\$3,550.69	\$0.00	\$440.89	\$6,319.40	
		BF Goodrich	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$440.89	\$440.89	
21132	3/1/03 - 6/30/03	Shipyards	\$1,255.20	\$0.00	\$443.78	\$951.35	\$322.95	\$313.36	\$3,286.64	
		BF Goodrich	\$0.00	\$0.00	\$484.13	\$720.72	\$0.00	\$313.36	\$1,518.21	
									\$43,286.76	Shipyards
									\$6,359.01	BF Goodrich
									\$49,645.77	Total

INVOICE 20425

Task 1		Task 2		Task 3		Task 4		Task 5		Admin Overhead		TOTAL	
Shipyards	BFG	Shipyards	BFG	Shipyards	BFG	Shipyards	BFG	Shipyards	BFG	Shipyards	BFG	Shipyards	BFG
\$2,264.64		\$0.00		\$12,202.34		\$6,249.53		\$120.66		\$3,125.58		\$23,962.75	
13	0	0	0	28	41	30	0	3	0	\$1,562.79	\$1,562.79		
21				29	8	33							
11				16		10							
3				68		33							
5				24									
3				50									
				18									
				30									
56	0	0	0	263	49	106	0	3	0				
56	56	0	0	312	312	106	0	3	0				
\$2,264.64	\$0.00	\$0.00	\$0.00	\$10,285.95	\$1,916.39	\$6,249.53	\$0.00	\$120.66	\$0.00	\$1,562.79	\$1,562.79	\$20,483.57	\$3,479.18

INVOICE 20113

Task 1		Task 2		Task 3		Task 4		Task 5		Admin Overhead		TOTAL	
\$2,147.92		\$1,866.96		\$5,362.32		\$2,899.22		\$0.00		\$1,841.46		\$14,117.88	
Shipyards	BFG	Shipyards	BFG	Shipyards	BFG	Shipyards	BFG	Shipyards	BFG	Shipyards	BFG	Shipyards	BFG
8	0	6	0	7	0	31	0	0	0	\$920.73	\$920.73		
42		16		12									
33				6									
				16									
				16									
				104									
83	0	22	0	161	0	31	0	0	0				
83	83	22	0	161	161	31	0	0	0				
\$2,147.92	\$0.00	\$1,866.96	\$0.00	\$5,362.32	\$0.00	\$2,899.22	\$0.00	\$0.00	\$0.00	\$920.73	\$920.73	\$13,197.15	\$920.73

INVOICE 20447

Task 1		Task 2		Task 3		Task 4		Task 5		Admin Overhead		TOTAL	
\$1,319.07		\$0.00		\$1,008.75		\$3,550.69		\$0.00		\$881.78		\$6,760.29	
Shipyards	BFG	Shipyards	BFG	Shipyards	BFG	Shipyards	BFG	Shipyards	BFG	Shipyards	BFG	Shipyards	BFG
2	0	0	0	4	0	16	0	0	0	\$440.89	\$440.89		
8				5		27							
8				16									
14													
8													
40	0	0	0	25	0	43	0	0	0				
40	40	0	0	25	25	43	0	0	0				
\$1,319.07	\$0.00	\$0.00	\$0.00	\$1,008.75	\$0.00	\$3,550.69	\$0.00	\$0.00	\$0.00	\$440.89	\$440.89	\$6,319.40	\$440.89

INVOICE 21132

Task 1		Task 2		Task 3		Task 4		Task 5		Admin Overhead		TOTAL	
\$1,255.20		\$0.00		\$927.91		\$1,672.07		\$322.95		\$626.72		\$4,804.85	
Shipyards	BFG	Shipyards	BFG	Shipyards	BFG	Shipyards	BFG	Shipyards	BFG	Shipyards	BFG	Shipyards	BFG
4	0	0	0	3	7	8.5	4	8	0	\$313.36	\$313.36		
4				8	5	8	8.5						
7.5													
4													
17													
2													
2													
40.5	0	0	0	11	12	16.5	12.5	8	0				
40.5	40.5	0	0	23	23	29	29	8	0				
\$1,255.20	\$0.00	\$0.00	\$0.00	\$443.78	\$484.13	\$951.35	\$720.72	\$322.95	\$0.00	\$313.36	\$313.36	\$3,286.64	\$1,518.21



CLEANUP AND ABATEMENT FUND

REQUEST FOR PAYMENT

Applicant Agency: San Diego Regional Water Quality Control Board

Project Title: Contaminated Sediments in San Diego Bay

Project Account Number: C/A 197

PCA Number 27897

Total Amount Approved For Project: \$54,000

Payee Name: Department of Fish and Game


Payee Address: ATT: FASB

1416 9TH Street, 12th Floor

Sacramento, CA 95814

This Invoice Total: \$23,962.75 (Attach invoice)

Agency Representative: Craig Carlisle, Senior Engineering Geologist

Representative Signature: 

Representative Phone Number: (858) 636-3154

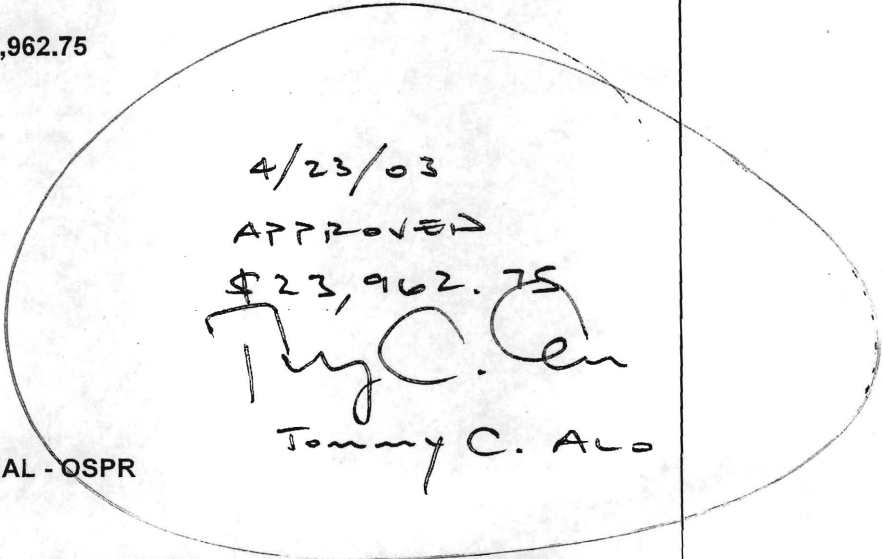
Service or Goods Provided Under This Invoice: Review bioaccumulation and Ecological risk studies and developing cleanup levels in the San Diego Bay.



WATER RESOURCES CONTROL BOARD
 CALIFORNIA WATER QUALITY C/B SAN
 9174 SKY PARK COURT, STE., 100
 SAN DIEGO, CA 92123-4340

INVOICE NO. 20425

INVOICE DATE 04/04/2003

DESCRIPTION	AMOUNT
SERVICE IN ACCORDANCE WITH AGREEMENT FOR: 01-251-190-0, R0175653	
SAN DIEGO BAY CLEANUP	
PERIOD COVERED:09/01/2001 THROUGH:06/30/2002	
ACTIVITY COVERED:	
TASK 1 PROJECT MANAGEMENT AND ADMINISTRATION	\$2,264.64
TASK 2 SITE VISIT(S)	
TASK 3 TECHNICAL REVIEW AND GUIDANCE	\$12,202.34
TASK 4 TECHNICAL MEETINGS AND EXPERT TESTIMONY	\$6,249.53
TASK 5 LIAISON W/OTHER NATURAL RESOURCE TRUSTEE AGENCIES	\$120.66
SUB-TOTAL \$20,837.17	
ADMINISTRATIVE OVERHEAD	\$3,125.58
INVOICE TOTAL \$23,962.75	
	
CC: JULIE YAMAMOTO / CAROL BERNAL - OSPR	
TOTAL PRIOR PAYMENTS	
QUESTIONS CALL: HELEN F BERNSTEIN (916)653-0866	TOTAL AMOUNT DUE \$23,962.75

FOR ACCOUNTING USE ONLY:

IC 174	FY 2001	DOC20425-00	INDEX K123	OBJ	PCA W0540	AMT	\$23,962.75
TYPE: 02	FM: 10	BATCH: 502	BATCH DATE:	04/04/2003	SUBSIDIARY:	00010000	
ROJ N00092-00	SOURCE 991913	AS	FS	FD	FUND	M	Act/Loc

Memorandum

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

To : Mr. Tom Alo, Contract Manager
State Water Resource Control Board,
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA 92123-4340

Date : April 4, 2003

2003 APR 10 P 1:48

From : Department of Fish and Game

Subject : Invoice #20425 - State Water Resource Control Board (R0175653) Agreement

Enclosed is DFG approved invoice #20425 in the amount of \$23,962.75 covering period listed against FY 01/02. Expenditures charged are listed by tasks per contract agreement. Refer any questions regarding the tasks to contract manager, Dr. Julie Yamamoto or the designee on this project, Dr. Michael Martin, (831) 649-7150.

Period Covered: September 1, 2001 through June 30, 2002

Activity Covered:

Task 1	Project Management and Administration
Task 2	Site Visit(s)
Task 3	Technical Review and Guidance
Task 4	Technical Meetings and Expert Testimony
Task 5	Liaison w/other Natural Resource Trustee Agencies

All cost identified include departmental overhead of 15%. The original invoice and two copies are enclosed with the Progress Report covering the periods noted above. If you have any questions regarding the invoice contact Carol Bernal at (916) 323-4728 or via email: cbernal@ospr.dfg.ca.gov.



E. Carol Bernal
Office of Spill Prevention
and Response

cc: Dr. Michael Martin

Attachments



DEPARTMENT OF FISH AND GAME

<http://www.dfg.ca.gov>

1416 Ninth Street
Sacramento, CA 95814



March 27, 2003

Mr. Tom Alo, Contract Manager
State Water Resources Control Board
9174 Sky Park Court, Suite 100
San Diego, CA 92123-4340

RE: September 2001–June 2002 Progress Report for San Diego Bay Cleanup R0175653

Dear Mr. Alo:

The objective of this project is to provide assistance in reviewing bioaccumulation and ecological risk (fish population and aquatic dependent wildlife) studies and developing cleanup levels based in part on those studies. The California Department of Fish and Game (DFG) and the State Water Resources Control Board (SWRCB) are working jointly on this project.

I. Task 1 – Project Management and Administration

October 1-2, 2001: Provide input on contract management; contract specifications; meeting with staff on contract details (13 hours) – San Diego Bay Shipyards Site.

October 31-November 1, 2, 2001: Conference calls and Organizational Meeting with Staff at SWRCB (21 hours) – San Diego Bay Shipyards Site.

November 12, 2001: Administration, time sheets, end of month reports (11 hours) – San Diego Bay Shipyards Site

January 14, 2002: Administration, time sheets, email responses (3 hours) – San Diego Bay Shipyards Site

April 4, 2002: Contract review with DFG Staff, email revisions to Tom Alo (5 hours) – San Diego Bay Shipyards Site

March 29, 2002: Administration, time sheets, email responses (3 hours) – San Diego Bay Shipyards Site.

II. Task 2 – Site Visit(s)

None in FY 01-02

III. Task 3 – Technical Review and Guidance

November 6-9, 2001: Review Technical Documents for Sediment Cleanup Approach by RWQCB Staff (28 hours)- San Diego Bay Shipyards Site.

December 6 - 28, 2001: Voicemail and emails regarding “background” sediment concentrations”, COPEC Selection, Chemistry Data Reviews SWCS/Outfall 1 Reviews (41 Hours) – BF Goodrich Site

January 2 – 8, 2002: Review and comment on the Response to San Diego Bay Coalition comments regarding: Shipyards Cleanup Approach, Conference Calls and Research Evaluations. (29 hours)- San Diego Bay Shipyards Site

January 23-January 24, 2002: Review and comment on Exponent’s (Shipyard Consultants) Technical Memoranda 1, 2, & 4. (16 hours) – San Diego Bay Shipyard.

March 11-29, 2002: Development of the Ecological Risk Assessment Process; Fish Histopathology Studies & Responses to DTSC Comments; Review of Phase 1 & 2 Screening Approaches; Review of Elaine Carlin letter and comments on Public Meeting; Recommended Responses to Comments (68 hours) – San Diego Bay Shipyards Site.

April 3-11, 2002: Document reviews and meeting with B.F. Goodrich and RWQCB (24 hours) – San Diego Bay Shipyard Site.

April 5-30, 2002: San Diego Risk Management Approach (develop a flow chart), Sediment review comment of Elaine Carlin & Rusty Fairey, Risk Assessment and BSAF Issues, Letter of Fish Histopathology; sediment evaluations with *Macoma*, toxicity experiments, Alan Monji’s review; review RWQCB White Paper Development; Evaluation of Reference Sediments (50 hours) – San Diego Bay Shipyards Site.

June 3, 2002: Review and comment on URS Report “North Campus Site Investigation Report and Ecological Risk Assessment Approach - (8 hours)- Goodrich Aerospace – Outfall No. 1.

June 4, & 5, 2002: Review Dr. Ford's Review of the Benthic Community Analyses; Conference Call with Jim Oakdon, Moss Landing Marine Laboratories – (18 hours).

June 11- 13, 2002: Review RWQCB & DFG Slide show presentations for Board Meeting; review details of Fish Histology Studies; Develop Power Point Presentation for Shipyard Sediment Remediation; Consult with Elaine Carlin on Presentations by DFG and S.D. Bay Council (30 hours).

IV. Task 4 – Technical Meetings and Expert Testimony

January 28-30, 2002: Technical & Public Stakeholders Technical Memoranda and Site findings, Assessment Approach (30 hours) – San Diego Bay Shipyards Site

March 27-29, 2002: Meetings and consultations on San Diego Bay Council's Comment Letter and Technical Responses (33 hours) – San Diego Bay Shipyards Site

June 6, 2002: Meeting with Alo on Presentation Issues for Public Workshop for RWQCB; review reference site criteria; meeting on Pore Water interpretation with John Roberts/Pete Peuron; Meeting with BF Goodrich on interpretation of Reference Site criteria (10 hours) –San Diego Bay Shipyards Site

June 16-18, 2002: Regional Board Workshop on Sediment Contaminants, Review & Practice Presentations; Board Workshop Presentation for DFG (33 hours) – San Diego Bay Shipyards

V. Task 5 – Liaison with other Natural Resource Trustee Agencies

April 17, 2002: Conference call with OEHHA and Natural Resource Trustees on Risk Assessment approaches (3 hours)- San Diego Bay Shipyards Site

VI. April 30, 2003 – Draft Final Report

To be submitted.

VII. June 30, 2003 – Final Report

To be submitted

If you have any question or concern with the progress report please contact Michael Martin, (831) 649-7178.

Sincerely,

A handwritten signature in dark ink that reads "Michael Martin". The signature is written in a cursive style with a large, prominent initial "M".

Michael Martin
Ph.D. Staff Toxicologist , CERCLA

cc: Carol Bernal, DFG-OSPR

CLEANUP AND ABATEMENT FUND

REQUEST FOR PAYMENT

Applicant Agency: San Diego Regional Water Quality Control Board

Project Title: Contaminated Sediments in San Diego Bay

Project Account Number: C/A 197

PCA Number 27897

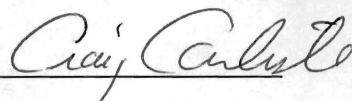
Total Amount Approved For Project: \$54,000

Payee Name: Department of Fish and Game

Payee Address: ATT: FASB
1416 9TH Street, 12th Floor
Sacramento, CA 95814

This Invoice Total: \$14,117.88 (Attach invoice)

Agency Representative: Craig Carlisle, Senior Engineering Geologist

Representative Signature: 

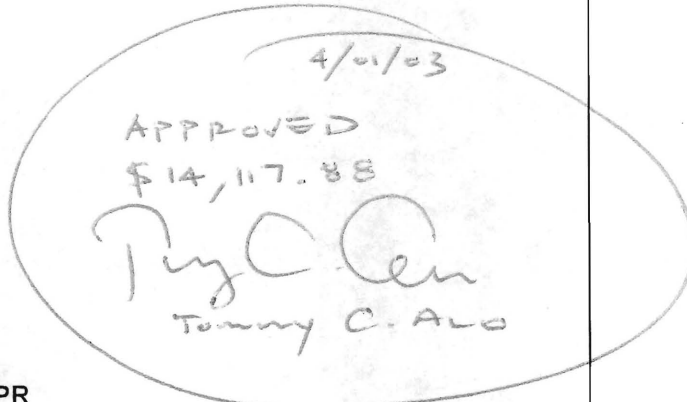
Representative Phone Number: (858) 636-3154

Service or Goods Provided Under This Invoice: Review bioaccumulation and Ecological risk studies and developing cleanup levels in the San Diego Bay.



WATER RESOURCES CONTROL BOARD
 CALIFORNIA WATER QUALITY C/B SAN DIEGO
 9174 SKY PARK COURT, STE., 100
 SAN DIEGO, CA 92123-4340

INVOICE NO. 20113
INVOICE DATE 02/10/2003

DESCRIPTION	AMOUNT
SERVICE IN ACCORDANCE WITH AGREEMENT: 01-251-190-0, R0175653 SAN DIEGO BAY CLEANUP PERIOD COVERED:07/01/2002 THROUGH:10/31/2002	
TASK	
1 PROJECT MANAGEMENT & ADMINISTRATION	\$2,147.92
2 SITE VISIT(S)	\$1,866.96
3 TECHNICAL REVIEW & GUIDANCE	\$5,362.32
4 TECHNICAL MEETINGS & EXPERT TESTIMONY	\$2,899.22
5 LIAISON W/OTHER NATURAL RESOURCE TRUSTEE AGENCIES	
ADMINISTRATIVE OVERHEAD	\$1,841.46
INVOICE TOTAL \$ 14,117.88	
	
CC:JULIE YAMAMOTO / CAROL BERNAL - OSPR	
TOTAL PRIOR PAYMENTS	
QUESTIONS CALL: BILL AGNEW (916)653-0866	TOTAL AMOUNT DUE \$14,117.88

FOR ACCOUNTING USE ONLY:

TC 174	FY 2002	DOC 20113-00	INDEX K123	OBJ	PCA W0540	AMT \$14,117.88
TYPE: 02	FM: 08	BATCH: 504	BATCH DATE:	02/10/2003	SUBSIDIARY:	00010000
PROJ N00092-00	SOURCE 991913	AS	FS	FD	FUND M	Act/Loc

IMPORTANT Send a copy of the invoice along with the remittance to:
 Dept. of Fish and Game, P.O. Box 944209, Sacramento, CA 94244-2090



DEPARTMENT OF FISH AND GAME

http://www.dfg.ca.gov
1416 Ninth Street
Sacramento, CA 95814

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD



March 12, 2003 2003 MAR 14 P 1:42

WATER RESOURCES CONTROL BOARD
CALIFORNIA WATER QUALITY C/B SAN DIEGO
9174 SKY PARK COURT, STE., 100
SAN DIEGO, CA 92123

RE: PAYMENT OF INVOICE 20113, DATED: 02/10/2003

To date we have not received payment for the above referenced invoice in the amount of \$ 14,117.88.

In view of the possibility that the original invoice was lost, we are enclosing a duplicate copy in order that you may see exactly what this amount covers.

Please remit the total invoiced amount to:

The Department of Fish and Game
Attn: FASB
1416 Ninth Street, 12th Floor
Sacramento, CA 95814

Your immediate attention to this matter is appreciated. If you have any questions, please contact me at (916) 653-0866.

Suzette D. Smythe
Accounts Receivable

Enclosure

Memorandum

To : Mr. Tom Alo, Contract Manager
California Regional Water Quality
Control Board, San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA 92123-4340

Date: February 24, 2003

From : Department of Fish and Game – OSPR Scientific Branch
Carol Bernal, BRAC/CERCLA Program Analyst

Carol

2003 FEB 26 P 12:26
SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

Subject : Invoice # 20113 against State Water Resource Control Board (R0175653) Agreement

Enclosed is DFG invoice # 20113 in the amount of \$14,117.88 covering period listed against FY 02/03. Expenditures charged are listed by tasks per contract agreement. Refer any questions regarding the tasks to Dr. Julie Yamamoto, contract manager or the designee on this project, Dr. Michael Martin, (831) 649-7150.

Period Covered: July 1, 2002 through October 31, 2002

Activity Covered:

- Task 1 Project Management and Administration
- Task 2 Site Visit(s)
- Task 3 Technical Review and Guidance
- Task 4 Technical Meetings and Expert Testimony
- Task 5 Liaison w/other Natural Resource Trustee Agencies

For your information, expenses incurred during the past fiscal year (Sept. 2001 – June 30, 2002) were moved from program's default fund and entered on February 4, 2003 to agreement's established fund source, PCA E4715 (contract term and amount: 9/01-6/30/03, \$54,000). The delay in invoicing 01/02 fiscal year expenditures is due to the late agreement execution date, December 2002, and the DFG Fiscal Branch inability to invoice the 01/02 FY expenditures until DFG official Calstars Report are released for the February 2003 entries in April or May 2003.

All cost identified include departmental overhead of 15%. The original invoice and two copies are enclosed with the Progress Report covering the periods noted above. If you have any questions regarding the invoice amount, contact Carol Bernal at (916) 323-4728 or via email: cbernal@ospr.dfg.ca.gov.

Attachments

cc: Michael Martin w/attachments



DEPARTMENT OF FISH AND GAME

<http://www.dfg.ca.gov>
1416 Ninth Street
Sacramento, CA 95814



November 5, 2002

Mr. Tom Alo, Contract Manager
State Water Resources Control Board
9174 Sky Park Court, Suite 100
San Diego, CA 92123-4340

2003 FEB 26 P 12:26
SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

July 2002 – October 2002 Progress Report for San Diego Bay Cleanup R0175653

The objective of this project is to provide assistance in reviewing bioaccumulation and ecological risk (fish population and aquatic dependent wildlife) studies and developing cleanup levels based in part on those studies. The California Department of Fish and Game (DFG) and the State Water Resources Control Board (SWRCB) are working jointly on this project.

Work to Date:

I. Task 1 – Project Management and Administration

August 28, 2002: Administration, time sheets, email responses (8 hours) – San Diego Bay Shipyards Site

September 29 – 30, 2002: Administration, time sheet, email correspondence with DFG support and technical staff and RWQCB staff, documentation of findings/reports (42 hours) – San Diego Bay Shipyards Site

October 2 – 21, 2002: Provide Administrative Support for technical staff, email correspondence w/CERCLA staff re: contract status, time sheets amendments, travel expense claims and amendments, correspondence with RWQCB Brennan requesting budget estimates for 02/03 fiscal year (33 hours) – San Diego Bay Shipyard Site

II. Task 2 – Site Visit(s)

September 19, 2002: Lodging arrangements and travel preparation for Field Sampling trip scheduled with RWQCB and contractor (6 hours) – Southwestern Marine and NASSCO Shipyards, San Diego Bay Shipyards Site

September 23, 2002: Travel, Independence-San Diego, Field Site Planning (16 hours) – San Diego Bay Shipyards Site

III. Task 3 – Technical Review and Guidance

July 8, 2002: Consultation in Conference Call on Fish Health and Histopathology Study design (7 Hours) – San Diego Bay Shipyards Site

July 22, 2002: Consultation in Conference Call and Research on Fish Health and Histopathology Study Design; Background Risk Calculations (12 hours) – San Diego Bay Shipyards Site

July 29, 2002: Consultation on Ecological Risk Assessment Model and Field Sampling Plan (1400-1600 + preparation – 6 hours) - San Diego Bay Shipyards Site

August 5 and 6 2002: Consultation and Review of Field Sampling Plan (16 hours) – San Diego Bay Shipyards Site

September 24, 2002: Meeting with Water Board Staff (Alo and Monji) and Field Contractors Staff (16 hours) – San Diego Bay Shipyards Site

September 25-30, 2002: Field Sampling on two boats with RWQCB and Contractor (104 hours) – San Diego Bay Shipyards Site

IV. Task 4 – Technical Meetings and Expert Testimony

August 21-23, 2002: Stakeholders Meeting at Regional Water Quality Control Board, Trustees, and Exponent on Field Sampling Plan (31 hours) – San Diego Bay Shipyards Site

V. Task 5 – Liaison with other Natural Resource Trustee Agencies

None during report period

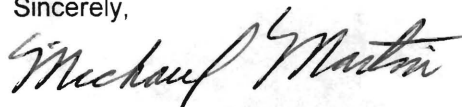
VI. April 30, 2003 – Draft Final Report

To be submitted

VII. June 30, 2003 – Final Report

To be submitted

Sincerely,



Michael Martin, Ph.D. Staff Toxicologist
Pat McLernon, Environmental Specialist II
Tom Lipp, Environmental Specialist II

Comprehensive Environmental Response,
Compensation & Liability Act (CERCLA)

CLEANUP AND ABATEMENT FUND
REQUEST FOR PAYMENT

Applicant Agency: San Diego Regional Water Quality Control Board

Project Title: Contaminated Sediments in San Diego Bay

Project Account Number: C/A 197

PCA Number 27897

Total Amount Approved For Project: \$54,000

Payee Name: Department of Fish and Game

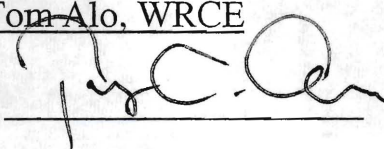
Payee Address: ATT: FASB

1416 9TH Street, 12th Floor

Sacramento, CA 95814

This Invoice Total: \$6,760.29 (Attach invoice)

Agency Representative: Tom Alo, WRCE

Representative Signature: 

Representative Phone Number: (858) 636-3154

Service or Goods Provided Under This Invoice: Review bioaccumulation and Ecological risk studies and developing cleanup levels in the San Diego Bay.

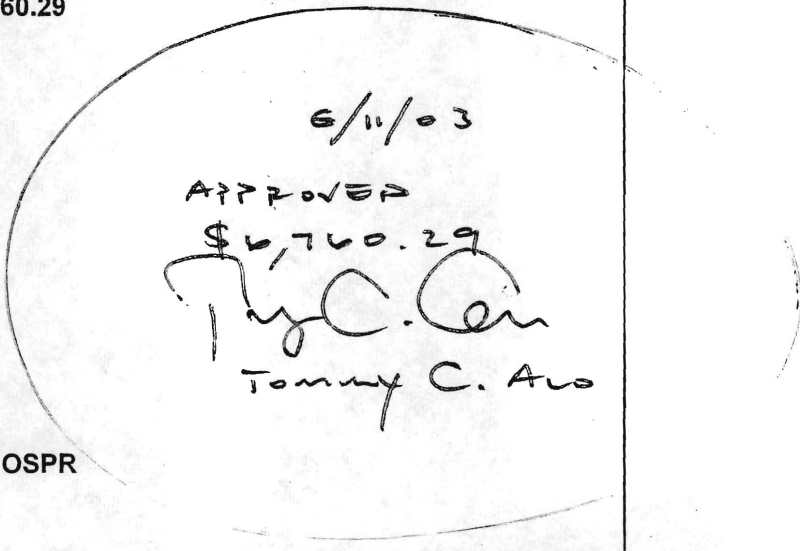


WATER RESOURCES CONTROL BOARD
 CALIFORNIA WATER QUALITY C/B SAN
 9174 SKY PARK COURT, STE., 100
 SAN DIEGO, CA 92123-4340

SAN DIEGO REGIONAL
 WATER QUALITY
 CONTROL BOARD

2003 APR 18 P 2:46

INVOICE NO. 20447
 INVOICE DATE 04/11/2003

DESCRIPTION	AMOUNT
SERVICE IN ACCORDANCE WITH AGREEMENT FOR: 01-251-190-0, R0175653 SAN DIEGO BAY CLEANUP PERIOD COVERED:11/01/2002 THROUGH:02/28/2003	
TASK	
1 PROJECT MANAGEMENT AND ADMINISTRATION	\$1,319.07
2 SITE VISIT(S)	
3 TECHNICAL REVIEW AND GUIDANCE	\$1,008.75
4 TECHNICAL MEETINGS AND EXPERT TESTIMONY	\$3,550.69
 ADMINISTRATIVE OVERHEAD	 \$881.78
 INVOICE TOTAL \$ 6,760.29	
	
CC: JULIE YAMAMOTO / CAROL BERNAL - OSPR	
TOTAL PRIOR PAYMENTS	
QUESTIONS CALL: HELEN F BERNSTEIN (916)653-0866	TOTAL AMOUNT DUE \$6,760.29

FOR ACCOUNTING USE ONLY:

C 174 FY 2002 DOC20447-00 INDEX K123 OBJ PCA W0540 AMT \$6,760.29
 TYPE: 02 FM: 10 BATCH: 507 BATCH DATE: 04/11/2003 SUBSIDIARY: 00010000
 ROJ N00092-00 SOURCE 991913 AS FS FD FUND M Act/Loc



DEPARTMENT OF FISH AND GAME

<http://www.dfg.ca.gov>
1416 Ninth Street
Sacramento, CA 95814

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD



2003 APR 18 P 2: 46 April 8, 2003

Mr. Tom Alo, Contract Manager
State Water Resources Control Board
9174 Sky Park Court, Suite 100
San Diego, CA 92123-4340

RE: November 1, 2002 – February 28, 2003 Progress Report for San Diego Bay Cleanup R0175653

The objective of this project is to provide assistance in reviewing bioaccumulation and ecological risk (fish population and aquatic dependent wildlife) studies and developing cleanup levels based in part on those studies. The California Department of Fish and Game (DFG) and the State Water Resources Control Board (SWRCB) are working jointly on this project.

Work to Date:

I. Task 1 – Project Management and Administration

November 5, 2002: Preparation of Quarterly Report, Fall 2002 (2 hours) – San Diego Bay Shipyards Site.

December 13, 2002: Administration, time sheets, email responses (8 hours) – San Diego Bay Shipyards Site.

January 26, 2003: End of month administrative preparation (time sheets, expense reports), Quarterly Report & Contract Administration (8 hours) – San Diego Bay Shipyards Site.

January 29 - 30, 2003: Provide Administrative support; email correspondence w/staff regarding progress report, amending contract, reconcile timesheet w/DFG Calstars report (14 hours) – San Diego Shipyards.

January 31 & February 4, 2003: Prepare request to invoice to DFG FASB Branch, email correspondence w/CERCLA staff. Prepare invoice memo to SWRCB manager w/supporting document 'Progress Report' and official DFG invoice (8 hours) – San Diego Bay Shipyards.

II. Task 2 – Site Visit(s)

None

III. Task 3 – Technical Review and Guidance

November 13, 2002: Review and comment on Regional Board Response to Letter from Environmental Health Coalition, Laura Hunter (4 hours) – San Diego Bay Shipyards Site.

December 10, 2002: Review SCCRWP and Exponent's Approach to Background Conditions. (5 hours) - San Diego Shipyards Site.

January 6, 13, and 14, 2003: Consultation and Review Distance from Shore, Principal Component Analyses, and NOAA Approaches to Reference Sediment Condition, San Diego Bay (16 hours) – San Diego Bay Shipyards Site.

IV. Task 4 – Technical Meetings and Expert Testimony

December 11 & 12, 2002: Technical Meeting at Regional Water Quality Control Board, on Reference Envelope approaches developed by SCCWRP and Exponent (16 hours) – San Diego Bay Shipyards Site.

January 21, 22, & 23, 2003: Meeting at Regional Water Quality Control Board on Reference Sediment Approach for San Diego Bay (27 hours) – San Diego Bay Shipyards Site.

V. Task 5 – Liaison with other Natural Resource Trustee Agencies

None during report period.

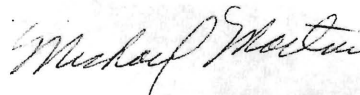
VI. April 30, 2003 – Draft Final Report

To be submitted.

VII. June 30, 2003 – Final Report

To be submitted

Sincerely,



Michael Martin, Ph.D. Staff Toxicologist
Comprehensive Environmental Response,
Compensation & Liability Act (CERCLA)

me
④

CLEANUP AND ABATEMENT FUND

REQUEST FOR PAYMENT

Applicant Agency: San Diego Regional Water Quality Control Board

Project Title: Contaminated Sediments in San Diego Bay

Project Account Number: C/A 197

PCA Number 27897

Total Amount Approved For Project: \$54,000

Payee Name: Department of Fish and Game

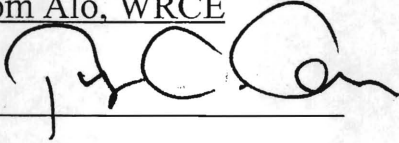
Payee Address: ATT: FASB

1416 9TH Street, 12th Floor

Sacramento, CA 95814

This Invoice Total: \$4,804.85 (Attach invoice)

Agency Representative: Tom Alo, WRCE

Representative Signature: 

Representative Phone Number: (858) 636-3154

Service or Goods Provided Under This Invoice: Review bioaccumulation and Ecological risk studies and developing cleanup levels in the San Diego Bay.



WATER RESOURCES CONTROL BOARD
 CALIFORNIA WATER QUALITY C/B SAN DIEGO
 9174 SKY PARK COURT, STE., 100
 SAN DIEGO, CA 92123-4340

INVOICE NO. 21132

INVOICE DATE 08/06/2003

DESCRIPTION	AMOUNT
SERVICE IN ACCORDANCE WITH AGREEMENT FOR: 01-251-190-0, R0175653 SAN DIEGO BAY CLEANUP PERIOD COVERED:03/01/2003 THROUGH:06/30/2003	
TASK	
1 PROJECT MANAGEMENT AND ADMINISTRATION	\$1,255.20
2 SITE VISIT(S)	
3 TECHNICAL REVIEW AND GUIDANCE	\$927.91
4 TECHNICAL MEETINGS AND EXPERT TESTIMONY	\$1,672.07
5 LIAISON W/ OTHER NATURAL RESOURCE TRUSTEE AGENCIES	\$322.95
SUB-TOTAL \$ 4,178.13	
ADMINISTRATIVE OVERHEAD	\$626.72
INVOICE TOTAL \$ 4,804.85	
<p>9/10/03 APPROVED </p>	
CC: JULIE YAMAMOTO / CAROL BERNAL - OSPR	
TOTAL PRIOR PAYMENTS	
QUESTIONS CALL: HELEN F BERNSTEIN (916)653-0866	TOTAL AMOUNT DUE
	\$4,804.85

FOR ACCOUNTING USE ONLY:

TC 174	FY 2002	DOC 21132-00	INDEX K123	OBJ	PCA W0540	AMT	\$4,804.85
TYPE: 02	FM: 02	BATCH: 505	BATCH DATE:	08/06/2003	SUBSIDIARY:	00010000	
PROJ. N00092-00	SOURCE 991913	AS	FS	FD	FUND	M	Act/Loc



State of California

Memorandum

To: Mr. Tom Alo, Contract Manager
State Water Resources Control Board
9174 Sky Park Court, Suite 100
San Diego, CA 92123-4340

Date: July 28, 2003

From: Michael Martin, Ph. D.
California Department of Fish and Game
Office of Spill Prevention and Response
Resource Assessment Program
20 Lower Ragsdale Dr., Suite 100
Monterey, CA 93940

Subject: **March 1, 2003 – June 30, 2003 Progress and Final Report for San Diego Bay Cleanup RO175653**

The objective of this project is to provide assistance in reviewing bioaccumulation and ecological risk (fish population and aquatic dependent wildlife) studies and developing cleanup levels based in part on those studies. The California Department of Fish and Game (DFG) and the State Water Resources Control Board (SWRCB) are working jointly on this project.

Work to Date:

I. Task 1 – Project Management and Administration

March 4, 2003: Administration, time sheets, email responses (4 hours) – San Diego Bay Shipyards Site.

March 27, 2003: Administration, time sheets, email responses (4 hours) – San Diego Bay Shipyards Site.

March 27 & 28, 2003: Provided Administrative Support; reconciled calstar reports, timesheet hours and travel expenses. Prepared spreadsheet per contract agreement identifying staff tasks, hours and staff expenditures. Email/phone correspondence with technical staff regarding amending of time sheet hours. Submitted memo requesting contract be invoiced for 01/02 FY expenses (7.5 hours) – San Diego Bay Shipyards.

April 8, 2003: Preparation of Quarterly Progress Report, Spring 2003 (4 hours) – San Diego Bay Shipyards Site.

April 1-25, 2003: Provided Administrative Support; email correspondence with SWRCB Program Manager, Tom Alo, and DFG Fiscal Branch regarding invoice

Mr. Tom Alo, Contract Manager

Page 2

July 28, 2003

sent by DFG Fiscal Branch. Prepared amended time sheets and prepared STD 187s to move expenses to the appropriate fund sources associated with San Diego Bay agreement. Updated budget allotment associated with San Diego Bay. Reconciled calstar reports, timesheet hours and travel expenses for Nov. 2002 to Feb. 2003, and submitted memo to DFG to invoice expenditures for 02/03 FY (Sept 2002 – Feb. 2003). Reviewed official invoice and prepared letter to Tom Alo with supporting documents. Made copies of signed Transfer Budget Allotment and distributed to DFG/OSPR, DFG Contracts Services and DFG Fiscal Branch (17 hours) – San Diego Bay Shipyards.

May 23, 2003: Pulled and copied time sheets and travel expenses on technical staff activity for March – April 2003 (2 hours) – San Diego Bay Shipyards.

June 24, 2003: Reconciled calstar reports, time sheet hours and travel for March – June 2003 fiscal-year-end (2 hours) – San Diego Bay Shipyards.

II. Task 2 – Site Visit(s)

None

III. Task 3 – Technical Review and Guidance

March 11, 2003: Review B.F. Goodrich, URS Work Plan. (7 hours) – B.F. Goodrich Site

March 13, 2003: Review Comments on Goodrich Outfall #1, Sampling Plan & Prepare comments. (5 hours) – B.F. Goodrich Site.

May 12, 2003: Review Regional Water Quality Control Board Staff Report on San Diego Bay Background Conditions. (3 hours) - San Diego Shipyards Site.

May 24, 2003: Review and summarize issues with Regional Water Quality Control Board Staff Report (8 hours) – San Diego Bay Shipyards Site.

IV. Task 4 – Technical Meetings and Expert Testimony

March 27, 2003: Teleconference Meeting on BF Goodrich Site, regarding sampling station locations in Channel, tributary to San Diego Bay (4 hours) – B.F. Goodrich Site.

April 7-8, 2003: Technical Meeting at Regional Water Quality Control Board, on Reference Site Selection by Regional Water Quality Control Board (17 hours) – San Diego Bay Shipyards and BF Goodrich Sites.

Mr. Tom Alo, Contract Manager

Page 3

July 28, 2003

May 28, 2003: Conference Call and Technical Meeting: Regional Water Quality Control Board Staff, Tom O'Conner (NOAA) and Natural Resource Trustees on the Background for Sediments Approach (8 hours) – San Diego Bay Shipyards Site.

V. Task 5 – Liaison with other Natural Resource Trustee Agencies

May 14, 2003: Conference call with Natural Resource Trustees, National Oceanic and Atmospheric Administration and U.S. Fish and Wildlife Service on Regional Water Quality Control Board Staff position on Sediment Background for San Diego Bay (8 hours) – San Diego Bay Shipyards Site.

VI. Draft Final Report & June 30, 2003 – Final Report

The Quarterly Reports have provided Regional Water Quality Control Board Staff with details of the consultation, recommendations, and administrative progress of Department of Fish and Game's work on the cooperative agreement. Staff of the Department of Fish and Game have participated with, and provided assistance to, Regional Board Staff with technical information and professional advice on details of the development of several aspects of the San Diego Bay Shipyard Cleanup Project, including development of "background" conditions for San Diego Bay, as well as reviews of project documents, data, information, and reports submitted to Regional Board Staff evaluate sediment contamination and cleanup alternatives. Staff of Department of Fish and Game has coordinated and consulted with the other natural resource trustees (National Oceanic and Atmospheric Administration and U.S. Fish and Wildlife Service) to assist Regional Board Staff in receiving timely and relevant input to the Cleanup Project issues. Staff of Department of Fish and Game believes that the cooperative agreement was beneficial in facilitating communication, concerns, and views of the Natural Resource Trustee agencies. The cooperative agreement allowed Department of Fish and Game to provide expertise and advice on issues of ecological risk assessment and development of sediment cleanup criteria that will protect the Bay's future beneficial uses of fish and wildlife use. Department of Fish and Game appreciates the opportunity to participate in the development of this project and looks forward to continued communication and consultation as the project, and related projects, move(s) forward in the future.

cc: Carol Bernal, DFG-OSPR

OEHHA

OEHHA Technical Consultation Services

Year	Month	Total
2002	June	\$148.99
		\$148.99
	July	\$46.00
	August	\$987.00
	October	\$81.25
2003		\$35.25
	July	\$51.50
	November	\$1,099.00
		\$1,099.00
	December	\$274.75
2004		\$274.75
	February	\$667.25
		\$667.25
	March	\$1,099.00
		\$1,099.00
	April	\$363.25
		\$363.25
	June	\$1,530.75
	\$1,530.75	
2005	November	\$193.50
		\$193.50
	March	\$27.50
	\$27.50	
		\$12,008.98

Office of Environmental Health Hazard Assessment



Winston H. Hickox
Agency Secretary

Joan E. Denton, Ph.D., Director
Headquarters • 1001 I Street • Sacramento, California 95814
Mailing Address: P.O. Box 4010 • Sacramento, California 95812-4010
Oakland Office • Mailing Address: 1515 Clay Street, 16th Floor • Oakland, California 94612



Gray Davis
Governor

ATTENTION: BEVERLY SLOAN
TELEPHONE: (916) 324-1775 or (916) 323-8801

RAFAELA PADILLA
SPILLS LEAKS INVESTIGATION & CLEANUP PROGRAM
DIVISION OF FINANCIAL ASSISTANCE
STATE WATER RESOURCES CONTROL BOARD
P.O. BOX 944212
SACRAMENTO, CA 94244-2120

INVOICE

PLEASE RETURN COPY OF INVOICE WITH
YOUR REMITTANCE TO ADDRESS AT TOP OF FORM

INVOICE NO: OEH321
DATE: Apr-17-03

FOR INTERAGENCY AGREEMENT SWRCB #9-080-550-0/ OEHHA #99-E0022
FOR THE MONTH OF JUNE 1, 2002

ACTUAL CHARGES \$ 30,272.71

AMOUNT DUE \$ 30,272.71

**NO WARRANT CLAIM SCHEDULE CREDIT:
0001-3980-01-001-90-F**

CC: DAVID SIEGEL
ARLENE NISHMURA

1400/8100 OEH321 99 880 1200 85000 991913.20 00010000 \$30,272.71

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.



Printed on Recycled Paper

SWRCB #9-080-550-0/OEHHA #99-E0022 Interagency Agreement
For the Period of June 2002 Invoice ROEH01-321

PCA No.	Site LD. No.	SWRCB Region & Project Contact	Projects/Site/Task	OEHHA Mo/Yr	Employee Classification	Number of Hours	Direct Salary & Benefits	Direct OEE Costs	Indirect PS & OEE Costs	Total
203-09	20309-00	Central Coast (3) K. Anderson	Guadalupe Oil Field (San Luis Obispo) Task(s): Provided follow-up consultation regarding OEHHA's review comments, dated March 5, 2002, entitled "Comments on the Guadalupe Oil Field Screening Human Health Risk Assessment Conceptual Site Model"	Jun-02	Senior Toxicologist	51.0	2,563.92	406.28	4,820.23	7,796.43
				Jun-02	Staff Toxicologist	1.0	49.14	0.00	92.50	141.64
				Subtotal		52.0	2,613.06	406.28	4,918.73	7,940.07
180-41	18431-00	Los Angeles (4) Adnan Siddiqui	GPM Prop. San Antonio/Foster Road (Norwalk) Task(s): Commented review/consultation/comment on "Response to OEHHA Comments", dated April 23, 2002, prepared by Earth Tech (Focused Risk Assessment for the Proposed Commercial Development at the Corner of San Antonio and Foster Road, Norwalk, CA, dated May 11, 2001, prepared by Earth Tech)	Jun-02	Associate Toxicologist	3.0	125.88	0.00	236.91	362.77
				Subtotal		3.0	125.88	0.00	236.91	362.77
180-41	2043W-00	Los Angeles (4) Rebecca Nevarez	Playa Vista (Los Angeles) Task(s): Continued review/consultation/comment on "Phase I Residential Area Health Based Remediation Goals, Playa Vista Development Project, Los Angeles, California, dated November 9, 2001, prepared by Integrated Environmental Services, Inc.	Jun-02	Staff Toxicologist	99.0	4,864.79	0.00	9,157.31	14,822.10
				Subtotal		99.0	4,864.79	0.00	9,157.31	14,822.10
180-01	18901-00	Los Angeles (4) John Gerlach	Boeing C-8 (Torrance) Task(s): Commented review/consultation/comment on "Soil Investigation, Shallow Soil Remediation and Screening Level Risk Assessment, Volume I and II, Boeing Realty Corporation, Former C-8 Facility, Parcel C, Los Angeles, California", dated March 13, 2002, prepared by Haley and Aldrich	Jun-02	Staff Toxicologist	10.0	491.40	0.00	924.99	1,418.39
				Subtotal		10.0	491.40	0.00	924.99	1,418.39
37041-00	370-41	Los Angeles (4) Jimmie Woo	Golden West Refinery (Santa Fe Springs) Task(s): Continued review/consultation/comment on "Health Risk Assessment No. 3, Processing Unit Deliverables 3 and 4", dated March 7, 2002, prepared by X. Mahvini.	Jun-02	Associate Toxicologist	27.0	964.05	0.00	1,814.69	2,778.74
				Jun-02	Supervising Toxicologist	1.0	54.00	0.00	101.65	156.65
				Subtotal		28.0	1,018.1	0.00	1,916.3	2,934.39
37745-00	370-41	Los Angeles (4) Wendy Lu	Los Angeles Bulk Fuel Distribution Task(s): Commented review/consultation/comment on "Response to RWOCB Correspondence dated January 18, 2002" addressed to W. Lu, Region 4, from Miller Brooks Environmental, Inc., "Volume I and II Revised Risk Assessment Report", dated June 5, 2002.	Jun-02	Staff Toxicologist	7.0	287.61	0.00	541.39	829.00
				Subtotal		7.0	287.61	0.00	541.39	829.00
180-41	204GA-00	Los Angeles (4) Adnan Siddiqui	Firm Mansfield Plumbing (Walnut) Task(s): Reviewed/consulted/prepared and submitted written comments to Region 4, dated June 27, 2002, on "Risk Based Evaluation of Arsenic Soil Concentrations, Former Mansfield Plumbing Products Site, 700 Fairway Drive, Walnut, CA, SLIC #1048", dated April 1, 2002, addressed to A. Siddiqui, LARWOCS, from Environ.	Jun-02	Associate Toxicologist	24.0	858.94	0.00	1,613.07	2,470.01
				Subtotal		24.0	858.94	0.00	1,613.07	2,470.01
180-01	20900-04	San Diego (9) Tom Alo	NASSCO Marine Shipyard (San Diego) Task(s): Participated in teleconference project meetings with Region 9, reviewed information/meeting preparation	Jun-02	Senior Toxicologist	1.0	51.69	0.00	97.30	148.99
				Subtotal		1.0	51.7	0.00	97.30	148.99
180-01	20900-05	San Diego (9) Tom Alo	Southwest Marine Shipyard (San Diego) Task(s): Participated in teleconference project meetings with Region 9, reviewed information/meeting preparation	Jun-02	Senior Toxicologist	1.0	51.69	0.00	97.30	148.99
				Subtotal		1.0	51.69	0.00	97.30	148.99
JUNE 2002 TOTAL:						223.0	10,381.09	408.28	19,503.34	30,272.71

Office of Environmental Health Hazard Assessment



Winston H. Hickox
Agency Secretary

Joan E. Denton, Ph.D., Director
Headquarters • 1001 I Street • Sacramento, California 95814
Mailing Address: P.O. Box 4010 • Sacramento, California 95812-4010
Oakland Office • Mailing Address: 1515 Clay Street, 16th Floor • Oakland, California 94612



Gray Davis
Governor

ATTENTION: BEVERLY SLOAN
TELEPHONE: (916) 324-1775 or (916) 323-8801

KATHIE MOWLEN
SPILLS LEAKS INVESTIGATION & CLEANUP PROGRAM
DIVISION OF CLEAN WATER PROGRAMS
STATE WATER RESOURCES CONTROL BOARD
P.O. BOX 944212
SACRAMENTO, CA 94244-2120

INVOICE

PLEASE RETURN COPY OF INVOICE WITH
YOUR REMITTANCE TO ADDRESS AT TOP OF FORM

INVOICE NO: OE401
DATE: Feb-24-03

FOR INTERAGENCY AGREEMENT SWRCB #9-080-550-0/ OE401 #99-E0022
FOR THE MONTH OF JULY 1, 2002

ACTUAL CHARGES \$ 19,279.50

AMOUNT DUE \$ 19,279.50

**NO WARRANT CLAIM SCHEDULE CREDIT:
0001-3980-02-001-90-F**

CC: DAVID SIEGEL
ARLENE NISHMURA

1400/8100 OE401 99 880 1200 85000 991913.20 00010000 \$19,279.50

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.



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State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB #02-087-550-0
 OEHHA Invoice #02OEH401
 For the Period of July 2002 (Revised 02/11/03)

SWRCB PCA	SWRCB Site ID #	Region/ Project Mgr	SWRCB WTF#*	Site/Project**	OEHHA Staff	Jul-02 Hours	Hourly Rate	Direct OEE/ Travel Costs	Total Costs
180-11 SLIC	20150-00	North Coast Lisa Bernard	R1-02-10 <i>Cancelled 07/25/02</i>	Frmr G&R Metals	Assoc Tox Senior Tox Office Tech AGPA	0.5 0.5	111.00 141.00 55.00 92.00		55.50 0.00 0.00 46.00
Subtotal						1		0.00	101.50
180-31 SLIC	20309-00	Central Coast K. DiSmone	R3-02-17	Guadalupe Oil - Project/Site Mtgs	Senior Tox Office Tech AGPA	2 0.5	141.00 55.00 92.00		282.00 0.00 46.00
Subtotal						2.5		0.00	328.00
180-41 SLIC	20424-00	Los Angeles P. Cho	R4-02-01	Frmr Deepwater Iodides Fac	Assoc Tox Senior Tox Office Tech AGPA	4 0.5	111.00 141.00 55.00 92.00		444.00 0.00 0.00 46.00
Subtotal						4.5		0.00	490.00
180-41 SLIC	37341-00	Los Angeles M. Chakrabarti	R4-02-02	Golden West Refinery	Assoc Tox Senior Tox Office Tech AGPA	5 0.5	111.00 141.00 55.00 92.00		555.00 0.00 0.00 46.00
Subtotal						5.5		0.00	601.00
180-41 SLIC	37748-00	Los Angeles Wendy Liu	R4-02-03 <i>Cancelled 09/27/02</i>	LA Bulk Fuel	Staff Tox Senior Tox Office Tech AGPA	6 0.5	134.00 141.00 55.00 92.00		804.00 0.00 0.00 46.00
Subtotal						6.5		0.00	850.00

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
Interagency Agreement SWRCB #02-087-550-0
OEHHA Invoice #02OEH401
For the Period of July 2002 (Revised 02/11/03)

SWRCB PCA	SWRCB Site ID #	Region/ Project Mgr	SWRCB WTF#*	Site/Project**	OEHHA Staff	Jul-02 Hours	Hourly Rate	Direct OEE/ Travel Costs	Total Costs
189-01		Los Angeles John Geroch	R4-02-04	Boeing C-1 Addnm2	Staff Tox		134.00		0.00
					Senior Tox	1	141.00		141.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
					Subtotal	1.5		0.00	187.00
189-01		Los Angeles John Geroch	R4-02-05	Boeing C-1 Metals	Staff Tox		134.00		0.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
					Subtotal	0.5		0.00	46.00
180-41 SLIC	37646-00	Los Angeles Jeffrey Hu	R4-02-11 <i>Cancelled 07/30/02</i>	Frmr WITCO	Assoc Tox	8	111.00		888.00
					AGPA	0.5	92.00		46.00
					Subtotal	8.5		0.00	934.00
180-41 SLIC	18431-00	Los Angeles Adnen Siddiqui	R4-02-13	GPM/San Antonio/Foster Road (Norwalk Tank)	Assoc Tox	10	111.00		1,110.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
					Subtotal	10.5		0.00	1,156.00
180-41 SLIC	204DG-00	Los Angeles David Young	R4-02-16	Willow Apartments - Soil	Staff Tox		134.00		0.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
					Subtotal	0.5		0.00	46.00

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
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For the Period of July 2002 (Revised 02/11/03)

SWRCB PCA	SWRCB Site ID #	Region/ Project Mgr	SWRCB WTF#*	Site/Project**	OEHHA Staff	Jul-02 Hours	Hourly Rate	Direct OEE/ Travel Costs	Total Costs
180-41 SLIC	37343-00	Los Angeles M. Chakrabarti	R4-02-18	Ultramar Marine Terminal	Staff Tox Senior Tox Office Tech AGPA		134.00 141.00 55.00 92.00		0.00 0.00 0.00 46.00
Subtotal						0.5		0.00	46.00
180-41 SLIC	2043-W00	Los Angeles R. Nevarez	R4-02-19	Playa Vista - Comm HBRG	Staff Tox Senior Tox Office Tech AGPA	46 1 0.5	134.00 141.00 55.00 92.00		6,164.00 0.00 55.00 46.00
Subtotal						47.5		0.00	6,265.00
180-41 SLIC	2043-W00	Los Angeles R. Nevarez	R4-02-20	Playa Vista - Resid HBRG	Staff Tox Office Tech AGPA	28 1 0.5	134.00 55.00 92.00		3,752.00 55.00 46.00
Subtotal						29.5		0.00	3,853.00
189-01		Los Angeles John Geroch	R4-02-21	Boeing C-6 - Soil (Vol 1 & II)	Staff Tox Senior Tox Office Tech AGPA		134.00 141.00 55.00 92.00		0.00 0.00 0.00 46.00
Subtotal						0.5		0.00	46.00
180-41 SLIC	2043-W00	Los Angeles R. Nevarez	R4-02-22	Playa Vista - DTSC Memoranda	Staff Tox Senior Tox Office Tech AGPA	9 0.5	134.00 141.00 55.00 92.00		1,206.00 0.00 0.00 46.00
Subtotal						9.5		0.00	1,252.00

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
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 For the Period of July 2002 (Revised 02/11/03)

SWRCB PCA	SWRCB Site ID #	Region/ Project Mgr	SWRCB WTF#*	Site/Project**	OEHHA Staff	Jul-02 Hours	Hourly Rate	Direct OEE/ Travel Costs	Total Costs
324-51 UST		Los Angeles Heesu Park	R4-02-23 <i>Cancelled</i> 08/26/02	243 Chestnut Ave Long Beach	Assoc Tox Senior Tox Office Tech AGPA	4 0.5	111.00 141.00 55.00 92.00		444.00 0.00 0.00 46.00
Subtotal						4.5		0.00	490.00
180-41 SLIC	204EG-00	Los Angeles David Young	R4-02-25	Blue Line Construction	Staff Tox Office Tech AGPA	1 2 0.5	134.00 55.00 92.00		134.00 110.00 0.00
Subtotal						3		0.00	244.00
180-51 SLIC	20584-00	Central Valley Amy Terrell	R5-02-08	PureGro/Brea Fac	Staff Tox Senior Tox Office Tech AGPA	12 6 0.5	134.00 141.00 55.00 92.00		1,608.00 0.00 330.00 46.00
Subtotal						18.5		0.00	1,984.00
180-51 SLIC	18637-00	Central Valley Amy Terrell	R5-02-06	Natomas Airpark	Staff Tox (HH) Staff Tox (JS) Senior Tox Office Tech AGPA	 0.5	134.00 134.00 141.00 55.00 92.00		0.00 0.00 0.00 0.00 46.00
Subtotal						0.5		0.00	46.00

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SWRCB PCA	SWRCB Site ID #	Region/ Project Mgr	SWRCB WTF#*	Site/Project**	OEHHA Staff	Jul-02 Hours	Hourly Rate	Direct OEE/ Travel Costs	Total Costs
180-51 SLIC	20500-24	Central Valley Susan Timm	R5-02-07	Executive Cleaners	Assoc Tox	2	111.00		222.00
					Staff Tox		134.00		0.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
					Subtotal	2.5		0.00	268.00
180-91 SLIC	20900-04 20900-05	San Diego Tom Alo	R9-02-15	NASSCO & SW Marine Shipyards	Sen Tox (RB)		141.00		0.00
					Sen Tox (JC)		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
					Subtotal	0.5		0.00	46.00
TOTAL:						158.5		\$0.00	\$19,279.50

*Includes work performed prior to receipt of cancellation notification.

**For a description of activities, please refer to corresponding SWRCB Work Transmittal Form (WTF).

Office Tech = Secretarial and records management support.

AGPA = Administrative Support (contract management/status reports/process WTFs/invoices)

Office of Environmental Health Hazard Assessment



Winston H. Hickox
Agency Secretary

Joan E. Denton, Ph.D., Director
Headquarters • 1001 I Street • Sacramento, California 95814
Mailing Address: P.O. Box 4010 • Sacramento, California 95812-4010
Oakland Office • Mailing Address: 1515 Clay Street, 16th Floor • Oakland, California 94612



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ATTENTION: BEVERLY SLOAN
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KATHIE MOWLEN
SPILLS LEAKS INVESTIGATION & CLEANUP PROGRAM
DIVISION OF CLEAN WATER PROGRAMS
STATE WATER RESOURCES CONTROL BOARD
P.O. BOX 944212
SACRAMENTO, CA 94244-2120

INVOICE

PLEASE RETURN COPY OF INVOICE WITH
YOUR REMITTANCE TO ADDRESS AT TOP OF FORM

INVOICE NO: OE402
DATE: Feb-24-03

FOR INTERAGENCY AGREEMENT SWRCB #9-080-550-0/ OE402
FOR THE MONTH OF AUGUST 1, 2002

ACTUAL CHARGES	\$ 21,726.00
AMOUNT DUE	\$ 21,726.00

**NO WARRANT CLAIM SCHEDULE CREDIT:
0001-3980-02-001-90-F**

CC: DAVID SIEGEL
ARLENE NISHMURA

1400/8100 OE402 99 880 1200 85000 991913.20 00010000 \$21,726.00

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.



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State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB#02-087-550-0
 OEHHA Invoice #02OEH402
 For the Period of August 2002 (Revised 02/11/03)

SWRCB PCA	SWRCB Site ID #	Region/ Project Mgr	SWRCB WTF#*	Site/Project**	OEHHA Staff	Aug-02 Hours	Hourly Rate	Direct OEE/ Travel Costs	Total Costs
180-11 SLIC	20173-00	North Coast Kasey Ashley	R1-02-30	Schmidbauer Mill - Plume	Staff Tox		134.00		0.00
					Senior Tox	5	141.00		705.00
					AGPA	0.5	92.00		46.00
				Subtotal		5.5		0.00	751.00
180-41 SLIC	37748-00	Los Angeles Wendy Liu	R4-02-03 <i>Cancelled 09/27/02</i>	LA Bulk Fuel	Staff Tox	22	134.00		2,948.00
					Senior Tox	1	141.00		141.00
					Office Tech		55.00		0.00
					AGPA		92.00		0.00
				Subtotal		23		0.00	3,089.00
189-01		Los Angeles John Geroch	R4-02-04	Boeing C-1 Addnm 2	Staff Tox	15	134.00		2,010.00
					Senior Tox	2	141.00		282.00
					Office Tech	2	55.00		110.00
					AGPA		92.00		0.00
				Subtotal		19		0.00	2,402.00
180-41 SLIC	18431-00	Los Angeles Adnen Siddiqui	R4-02-13	GPM/San Antonio/Foster Road (Norwalk Tank)	Assoc Tox		111.00		0.00
					Senior Tox		141.00		0.00
					Office Tech	1	55.00		55.00
					AGPA		92.00		0.00
				Subtotal		1		0.00	55.00
180-41 SLIC	204DG-00	Los Angeles David Young	R4-02-16	Willow Apartments - Soil	Staff Tox	15	134.00		2,010.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA		92.00		0.00
				Subtotal		15		0.00	2,010.00

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Interagency Agreement SWRCB#02-087-550-0
OEHHA Invoice #02OEH402
For the Period of August 2002 (Revised 02/11/03)

SWRCB PCA	SWRCB Site ID #	Region/ Project Mgr	SWRCB WTF#*	Site/Project**	OEHHA Staff	Aug-02 Hours	Hourly Rate	Direct OEE/ Travel Costs	Total Costs
180-41 SLIC	37343-00	Los Angeles M. Chakrabarti	R4-02-18	Ultramar Marine Terminal	Staff Tox Senior Tox Office Tech AGPA	10	134.00 141.00 55.00 92.00		1,340.00 0.00 0.00 0.00
Subtotal						10		0.00	1,340.00
180-41 SLIC	2043-W00	Los Angeles R. Nevarez	R4-02-19	Playa Vista - Comm HBRG	Staff Tox Senior Tox Office Tech AGPA	1	134.00 141.00 55.00 92.00		0.00 0.00 55.00 0.00
Subtotal						1		0.00	55.00
180-41 SLIC	2043-W00	Los Angeles R. Nevarez	R4-02-20	Playa Vista - Resid HBRG	Staff Tox Office Tech AGPA	1	134.00 55.00 92.00		0.00 55.00 0.00
Subtotal						1		0.00	55.00
180-41 SLIC	2043-W00	Los Angeles R. Nevarez	R4-02-22	Playa Vista - DTSC Memoranda	Staff Tox Senior Tox Office Tech AGPA	31	134.00 141.00 55.00 92.00		4,154.00 0.00 0.00 0.00
Subtotal						31		0.00	4,154.00
324-51 UST		Los Angeles Heesu Park	R4-02-23 <i>Cancelled</i> 08/26/02	243 Chestnut Ave Long Beach	Assoc Tox Senior Tox Office Tech AGPA	6	111.00 141.00 55.00 92.00		666.00 0.00 0.00 0.00
Subtotal						6		0.00	666.00

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
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OEHHA Invoice #02OEH402
For the Period of August 2002 (Revised 02/11/03)

SWRCB PCA	SWRCB Site ID #	Region/ Project Mgr	SWRCB WTF#*	Site/Project**	OEHHA Staff	Aug-02 Hours	Hourly Rate	Direct OEE/ Travel Costs	Total Costs
180-41 SLIC	204EG-00	Los Angeles David Young	R4-02-25	Blue Line Construction	Staff Tox		134.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
				Subtotal		0.5		0.00	46.00
180-41 SLIC	20430-00	Los Angeles P. Raftery	R4-02-26	Former Abex Facility	Assoc Tox	8	111.00		888.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
				Subtotal		8.5		0.00	934.00
180-41 SLIC	20479-00	Los Angeles P. Guna-Niyogi	R4-02-27	BP Chemical	Assoc Tox	10	111.00		1,110.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
				Subtotal		10.5		0.00	1,156.00
180-41 SLIC	2043W-00	Los Angeles R. Nevarez	R4-02-28	Playa Vista - Methane	Staff Tox		134.00		0.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
				Subtotal		0.5		0.00	46.00
180-41 SLIC	2043W-00	Los Angeles A. Siddiqui	R4-02-29	Playa Vista - Resid D NFA	Staff Tox	4	134.00		536.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
				Subtotal		4.5		0.00	582.00

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
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 For the Period of August 2002 (Revised 02/11/03)

SWRCB PCA	SWRCB Site ID #	Region/ Project Mgr	SWRCB WTF#*	Site/Project**	OEHHA Staff	Aug-02 Hours	Hourly Rate	Direct OEE/ Travel Costs	Total Costs
189-01		Los Angeles John Geroch	R4-02-31	Boeing C-6 Workplan Addnm 1	Staff Tox	15	134.00		2,010.00
					Senior Tox		141.00		0.00
					Supv Tox	3	147.00		441.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
				Subtotal		18.5		0.00	2,497.00
189-01		Los Angeles John Geroch	R4-02-32	Boeing C-1 Workplan Addnm 1	Staff Tox		134.00		0.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
				Subtotal		0.5		0.00	46.00
180-51 SLIC	20500-24	Central Valley Susan Timm	R5-02-07	Executive Cleaners	Assoc Tox	6	111.00		666.00
					Staff Tox	1	134.00		134.00
					Senior Tox		141.00		0.00
					Office Tech	1	55.00		55.00
					AGPA		92.00		0.00
				Subtotal		8		0.00	855.00

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 For the Period of August 2002 (Revised 02/11/03)

SWRCB PCA	SWRCB Site ID #	Region/ Project Mgr	SWRCB WTF#*	Site/Project**	OEHHA Staff	Aug-02 Hours	Hourly Rate	Direct OEE/ Travel Costs	Total Costs
180-91	20900-04	San Diego	R9-02-15	NASSCO & SW	Sen Tox (RB)	7	141.00		987.00
SLIC	20900-05	Tom Alo		Marine Shipyards	Sen Tox (JC)		141.00		0.00
					Office Tech		55.00		0.00
					AGPA		92.00		0.00
				Subtotal		7		0.00	987.00
TOTAL:						171		\$0.00	\$21,726.00

*Includes work performed prior to receipt of cancellation notification.

**For a description of activities, please refer to corresponding SWRCB Work Transmittal Form (WTF).

Office Tech = Secretarial and records management support.

AGPA = Administrative Support (contract management/status reports/process WTFs/invoices)

Office of Environmental Health Hazard Assessment



Winston H. Hickox
Agency Secretary

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Headquarters • 1001 I Street • Sacramento, California 95814
Mailing Address: P.O. Box 4010 • Sacramento, California 95812-4010
Oakland Office • Mailing Address: 1515 Clay Street, 16th Floor • Oakland, California 94612



Gray Davis
Governor

ATTENTION: BEVERLY SLOAN
TELEPHONE: (916) 324-1775 or (916) 323-8801

RAFAELA B. PADILLA
SPILLS LEAKS INVESTIGATION & CLEANUP PROGRAM
DIVISION OF FINANCIAL ASSISTANCE
STATE WATER RESOURCES CONTROL BOARD
P.O. BOX 944212
SACRAMENTO, CA 94244-2120

INVOICE

PLEASE RETURN COPY OF INVOICE WITH
YOUR REMITTANCE TO ADDRESS AT TOP OF FORM

INVOICE NO: OEH414
DATE: Mar-14-03

FOR INTERAGENCY AGREEMENT SWRCB #2-087-550-0 / OEHHA #C02-E0013
FOR THE MONTH OF OCTOBER 2002

ACTUAL CHARGES \$ 22,139.60

AMOUNT DUE \$ 22,139.60

**NO WARRANT CLAIM SCHEDULE CREDIT:
0001-3980-02-001-90-F**

CC: DAVID SIEGEL
ARLENE NISHMURA

1400/8100 OEH414 99 880 1200 85000 991913.20 00010000 \$22,139.60

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.



Printed on Recycled Paper

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 02-087-550-0
 OEHA Invoice # OE414
 For the Period of October 2002 (Rev. 03/10/03)

SWRCB PCA	SWRCB Site ID #	Region/ Project Mgr	SWRCB WTF#*	Site/Project**	OEHA Staff	Oct-02 Hours	Hourly Rate	Direct OEE/ Travel Costs	Total Costs
180-11 SLIC	20173-00	North Coast Kasey Ashley	R1-02-30	Schmidbauer Mill - Plume	Staff Tox Senior Tox Office Tech AGPA		134.00 141.00 55.00 92.00		0.00 0.00 0.00 46.00
Subtotal						0.5		0.00	46.00
180-31 SLIC	20309-00	Central Coast K. DiSmone	R3-02-17	Guadalupe Oil Field - Project/Site Meetings	Staff Tox Senior Tox Office Tech AGPA		134.00 141.00 55.00 92.00		0.00 2,787.57 0.00 46.00
Subtotal						17.5		390.57	2,833.57
180-31 SLIC	20309-00	Central Coast K. DiSmone	R3-02-34	Guadalupe Oil Field - Human Health Risk Assessment	Staff Tox Senior Tox Office Tech AGPA		134.00 141.00 55.00 92.00		0.00 0.00 0.00 46.00
Subtotal						0.5		0.00	46.00
180-41 SLIC	37748-00	Los Angeles Wendy Liu	R4-02-03	LA Bulk Fuel	Staff Tox Senior Tox Office Tech AGPA		134.00 141.00 55.00 92.00		0.00 0.00 0.00 46.00
Subtotal						0.5		0.00	46.00
180-41 SLIC	18431-00	Los Angeles Adnen Siddiqui	R4-02-13	GPM/San Antonio/Foster Road (Norwalk Tank)	Staff Tox Senior Tox Office Tech AGPA		134.00 141.00 55.00 92.00		0.00 0.00 0.00 46.00
Subtotal						0.5		0.00	46.00

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SWRCB PCA	SWRCB Site ID #	Region/ Project Mgr	SWRCB WTF#*	Site/Project**	OEHHA Staff	Oct-02 Hours	Hourly Rate	Direct OEE/ Travel Costs	Total Costs
180-41 SLIC	18431-00	Los Angeles Adnen Siddiqui	R4-02-38	GPM/San Antonio/Foster Road (Norwalk Tank)	Staff Tox Senior Tox Office Tech AGPA	0.5	134.00 141.00 55.00 92.00		0.00 0.00 0.00 46.00
Subtotal						0.5		0.00	46.00
180-41 SLIC	37341-00	Los Angeles M.Chakbrabarti	R4-02-02	Golden West Refinery	Staff Tox Senior Tox Office Tech AGPA	0.5	134.00 141.00 55.00 92.00		0.00 0.00 0.00 46.00
Subtotal						0.5		0.00	46.00
180-41 SLIC	37646-00	Los Angeles Jeffrey Hu	R4-02-11	Frmr WITCO	Staff Tox Senior Tox Office Tech AGPA	0.5	134.00 141.00 55.00 92.00		0.00 0.00 0.00 46.00
Subtotal						0.5		0.00	46.00
180-41 SLIC	204DG-00	Los Angeles David Young	R4-02-16	Willow Apartments - Soil	Staff Tox Senior Tox Office Tech AGPA	0.5	134.00 141.00 55.00 92.00		0.00 0.00 0.00 46.00
Subtotal						0.5		0.00	46.00
180-41 SLIC	37343-00	Los Angeles M. Chakrabarti	R4-02-18	Ultramar Marine Terminal	Staff Tox Senior Tox Office Tech AGPA	0.5	134.00 141.00 55.00 92.00		0.00 0.00 0.00 46.00
Subtotal						0.5		0.00	46.00

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SWRCB PCA	SWRCB Site ID #	Region/ Project Mgr	SWRCB WTF#*	Site/Project**	OEHHA Staff	Oct-02 Hours	Hourly Rate	Direct OEE/ Travel Costs	Total Costs
180-41 SLIC	204-30	Los Angeles P. Raftery	R4-02-26	Former Abex Facility	Assoc Tox	12	111.00		1,332.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
					Subtotal	12.5		0.00	1,378.00
180-41 SLIC	2041Y-00	Los Angeles P. Raftery	R4-02-36	HR Textron (Valencia)	Assoc Tox	33	111.00		3,663.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
					Subtotal	33.5		0.00	3,709.00
180-41 SLIC	20479-00	Los Angeles P. Guna-Niyogi	R4-02-27	BP Chemical	Assoc Tox		111.00		0.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
					Subtotal	0.5		0.00	46.00
180-41 SLIC	2043W-00	Los Angeles A. Siddiqui	R4-02-19	Playa Vista - Commercial HBRG	Staff Tox		134.00		0.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
					Subtotal	0.5		0.00	46.00
180-41 SLIC	2043W-00	Los Angeles A. Siddiqui	R4-02-20	Playa Vista - Residential HBRG	Staff Tox		134.00		0.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
					Subtotal	0.5		0.00	46.00

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
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SWRCB PCA	SWRCB Site ID #	Region/ Project Mgr	SWRCB WTF#*	Site/Project**	OEHHA Staff	Oct-02 Hours	Hourly Rate	Direct OEE/ Travel Costs	Total Costs
180-41 SLIC	2043W-00	Los Angeles A. Siddiqui	R4-02-22	Playa Vista - DTSC Memos	Staff Tox		134.00		0.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
					Subtotal	0.5		0.00	46.00
180-41 SLIC	2043W-00	Los Angeles A. Siddiqui	R4-02-28	Playa Vista - Methane	Staff Tox	15	134.00		2,010.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
					Subtotal	15.5		0.00	2,056.00
180-41 SLIC	2043W-00	Los Angeles A. Siddiqui	R4-02-29	Playa Vista - Resid D NFA	Staff Tox	9	134.00		1,206.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00	5.78	51.78
					Subtotal	9.5		5.78	1,257.78
189-01	TBA	Los Angeles John Geroch	R4-02-31	Boeing C-6 - Soil (Vol I & II)	Staff Tox	39	134.00		5,226.00
					Senior Tox	3	141.00		423.00
					Supv Tox	1.5	147.00		220.50
					Office Tech	1	55.00		55.00
					AGPA	0.5	92.00	5.25	51.25
					Subtotal	45		5.25	5,975.75
189-01	TBA	Los Angeles John Geroch	R4-02-31	Boeing C-6 Workplan Addnm 1	Staff Tox		134.00		0.00
					Senior Tox		141.00		0.00
					Supv Tox		147.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
					Subtotal	0.5		0.00	46.00

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
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SWRCB PCA	SWRCB Site ID #	Region/ Project Mgr	SWRCB WTF#*	Site/Project**	OEHHA Staff	Oct-02 Hours	Hourly Rate	Direct OEE/ Travel Costs	Total Costs
189-01	TBA	Los Angeles John Geroch	R4-02-04	Boeing C-1 - Addnm 2	Staff Tox		134.00		0.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
					Subtotal	0.5		0.00	46.00
189-01	TBA	Los Angeles John Geroch	R4-02-32	Boeing C-1 Workplan Addnm 1	Staff Tox		134.00		0.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
					Subtotal	0.5		0.00	46.00
180-41 SLIC	20424-00	Los Angeles P.Cho	R4-02-01	Frmr Deepwater Iodides Fac	Staff Tox		134.00		0.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
					Subtotal	0.5		0.00	46.00
180-41 SLIC		Los Angeles Heesu Park	R4-02-23	243 Chestnut Ave Long Beach	Staff Tox		134.00		0.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
					Subtotal	0.5		0.00	46.00
180-41 SLIC	204EG-00	Los Angeles David Young	R4-02-25	Blue Line Construction Iodides Fac	Staff Tox		134.00		0.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
					Subtotal	0.5		0.00	46.00

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SWRCB PCA	SWRCB Site ID #	Region/ Project Mgr	SWRCB WTF#*	Site/Project**	OEHHA Staff	Oct-02 Hours	Hourly Rate	Direct OEE/ Travel Costs	Total Costs
180-41 SLIC	20408-00	Los Angeles P. Raftery	R4-02-37	Frmr Memorex Fax (Westlake Village)	Staff Tox Senior Tox Office Tech AGPA	0.5	134.00 141.00 55.00 92.00		0.00 0.00 0.00 46.00
Subtotal						0.5		0.00	46.00
180-51 SLIC	18637-00	Central Valley Amy Terrell	R5-02-06	Natomas Airpark RA Workshop	Staff Tox (HH) Staff Tox (JS) Senior Tox Office Tech AGPA	1.5 0.5	134.00 134.00 141.00 55.00 92.00		201.00 0.00 0.00 0.00 46.00
Subtotal						2		0.00	247.00
180-51 SLIC	20524-00	Central Valley Amy Terrell	R5-02-08	PureGro RA Workshop	Staff Tox (JS) Staff Tox (JS) Senior Tox Office Tech AGPA	0.5	134.00 134.00 141.00 55.00 92.00		0.00 0.00 0.00 0.00 46.00
Subtotal						0.5		0.00	46.00
180-51 SLIC	20500-23	Central Valley Susan Timm	R5-02-07	Executive Cleaners	Assoc Tox Senior Tox Office Tech AGPA	0.5	111.00 141.00 55.00 92.00		0.00 0.00 0.00 46.00
Subtotal						0.5		0.00	46.00

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SWRCB PCA	SWRCB Site ID #	Region/ Project Mgr	SWRCB WTF#*	Site/Project**	OEHHA Staff	Oct-02 Hours	Hourly Rate	Direct OEE/ Travel Costs	Total Costs
180-51 SLIC	20500-23	Central Valley L. Laudon	R5-02-35	AmeriPride (Sacramento)	Staff Tox	0.5	134.00		67.00
					Senior Tox		141.00		0.00
					Office Tech		55.00		0.00
					AGPA	1	92.00		92.00
					Subtotal	1.5		0.00	159.00
180-62 SLIC	TBA	Lahonton Jay Cass	R6-02-33	BNSF Railroad	Staff Tox	8	134.00		1,072.00
					Res Sci I	22	101.00		2,222.00
					Senior Tox		141.00		0.00
					Office Tech	1	55.00		55.00
					AGPA	0.5	92.00		46.00
					Subtotal	31.5		0.00	3,395.00
180-91 SLIC	20900-04 20900-05	San Diego Tom Alo	R9-02-15	NASSCO & SW Marine Shipyards	Staff Tox		134.00		0.00
					Sen Tox (RB)	0.25	141.00		35.25
					Office Tech		55.00		0.00
					AGPA	0.5	92.00		46.00
					Subtotal	0.75		0.00	81.25
180-91 SLIC	20900-04 20900-05	San Diego Tom Alo	R9-02-15	NASSCO & SW Marine Shipyards	Staff Tox		134.00		0.00
					Sen Tox (RB)	0.25	141.00		35.25
					Office Tech		55.00		0.00
					AGPA		92.00		0.00
					Subtotal	0.25		0.00	35.25
					TOTAL:	180.5		\$401.60	\$22,139.60

*Includes work performed prior to receipt of cancellation notification.

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
Interagency Agreement SWRCB# 02-087-550-0
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SWRCB PCA	SWRCB Site ID #	Region/ Project Mgr	SWRCB WTF#*	Site/Project**	OEHHA Staff	Oct-02 Hours	Hourly Rate	Direct OEE/ Travel Costs	Total Costs
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**For a description of activities, please refer to corresponding SWRCB Work Transmittal Form (WTF).
Office Tech = Secretarial and records management support.
AGPA = Administrative Support (contract management/status reports/process WTFs/invoices)

Office of Environmental Health Hazard Assessment



Winston H. Hickox
Agency Secretary

Joan E. Denton, Ph.D., Director
Headquarters • 1001 I Street • Sacramento, California 95814
Mailing Address: P.O. Box 4010 • Sacramento, California 95812-4010
Oakland Office • Mailing Address: 1515 Clay Street, 16th Floor • Oakland, California 94612



Gray Davis
Governor

ATTENTION: ANGIE N. ZAMORA
TELEPHONE: (916) 324-1252

RAFAELA PADILLA
SPILLS LEAKS INVESTIGATION & CLEANUP PROGRAM
DIVISION OF FINANCIAL ASSISTANCE
STATE WATER RESOURCES CONTROL BOARD
P.O. BOX 944212
SACRAMENTO, CA 94244-2120

INVOICE

PLEASE RETURN COPY OF INVOICE WITH
YOUR REMITTANCE TO ADDRESS AT TOP OF FORM

INVOICE NO: OEH501
DATE: Sep-26-03

FOR INTERAGENCY AGREEMENT SWRCB #03-055-550-0/ OEHHA #C03-E0003
FOR THE MONTH OF JULY 2003

ACTUAL CHARGES \$ 9,733.00

AMOUNT DUE \$ 9,733.00

**NO WARRANT CLAIM SCHEDULE CREDIT:
0001-3980-03-001-90-F**

CC: DAVID SIEGEL
ARLENE NISHMURA

1400/8100 OEH501 03 880 1200 85000 991913.20 00010000 \$9,733.00

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 For the Period of July 2003

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	July '03 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18031 SLIC	2030005	Central Coast D. Kukol	R3-03-17		Unocal Avila Tank Farm On-call assistance w/HHRA; meetings	Staff Tox Senior Tox Office Tech AGPA	0.5	150.00 157.00 62.00 103.00		0.00 0.00 0.00 51.50
Subtotal:							0.5		0.00	51.50
18031 SLIC	2030300	Central Coast D. Kukol	R3-03-18		Unocal Pipeline Tank Farm Road On-call assistance w/Corrective Action Plan	Staff Tox Senior Tox Office Tech AGPA	0.5	150.00 157.00 62.00 103.00		0.00 0.00 0.00 51.50
Subtotal:							0.5		0.00	51.50
18031 SLIC	2030100	Central Coast D. Kukol	R3-03-19		Unocal Tank Farm Road Bulk Storage On-call assistance w/HHRA	Staff Tox Senior Tox Office Tech AGPA	0.5	150.00 157.00 62.00 103.00		0.00 0.00 0.00 51.50
Subtotal:							0.5		0.00	51.50
18041 SLIC	2040095	Los Angeles A. Castaneda	R4-03-01		Witco Southwest HHRA Areas 1-4	Assoc Tox Senior Tox Office Tech AGPA	10 0.5	124.00 157.00 62.00 103.00		1,240.00 0.00 0.00 51.50
Subtotal:							10.5		0.00	1,291.50

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18041 SLIC	2043WOO	Los Angeles A. Siddiqui	R4-03-05		Playa Vista Property Carryover #R4-02-22/ DTSC Memoranda	Staff Tox Senior Tox Office Tech AGPA	0.5	150.00 157.00 62.00 103.00		0.00 0.00 0.00 51.50
Subtotal:							0.5		0.00	51.50
18041 SLIC	204GT00	Los Angeles A. Siddiqui	R4-03-06		Honeywell Intl. Gardena Site (Lot 6) Carryover #R4-02-44/ HHRA	Staff Tox Senior Tox Office Tech AGPA	0.5	150.00 157.00 62.00 103.00		0.00 0.00 0.00 51.50
Subtotal:							0.5		0.00	51.50
18041 SLIC	2043WOO	Los Angeles A. Siddiqui	R4-03-07		Playa Vista Property Carryover #R4-02-51/ Commercial HBRG	Staff Tox Senior Tox Office Tech AGPA	0.5	150.00 157.00 62.00 103.00		0.00 0.00 0.00 51.50
Subtotal:							0.5		0.00	51.50
18041 SLIC	2040115	Los Angeles D. Young	R4-03-08		City of LA Staples Arena/ Grand & Venice Carryover #R4-02-52/ HHRA & Corr Action Pln	Staff Tox Senior Tox Office Tech AGPA	0.5	150.00 157.00 62.00 103.00		0.00 0.00 0.00 51.50
Subtotal:							0.5		0.00	51.50
18041	204GT00	Los Angeles	R4-03-09		Honeywell Intl. Gardena	Staff Tox		150.00		0.00

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SLIC		A. Siddiqui			Site (Lots 1-5) Carryover #R4-02-56/ Soil Sampling	Senior Tox Office Tech AGPA	0.5	157.00 62.00 103.00		0.00 0.00 51.50
						Subtotal:	0.5		0.00	51.50
18041 SLIC	204DGOO	Los Angeles D. Young	R4-03-10		Willow Apartments Carryover #R4-02-57/ HBRA & Subsurface	Staff Tox Senior Tox Office Tech AGPA	2 0.5	150.00 157.00 62.00 103.00		0.00 0.00 124.00 51.50
						Subtotal:	2.5		0.00	175.50
18041 SLIC	2042400	Los Angeles P. Cho	R4-03-11		Dominguez Compton Wilmington (Levinson, Callender Property) Carryover #R4-02-60/PEAs	Staff Tox Senior Tox Office Tech AGPA	0.5	150.00 157.00 62.00 103.00		0.00 0.00 0.00 51.50
						Subtotal:	0.5		0.00	51.50
18041 SLIC	2040800	Los Angeles R. Raftery	R4-03-13		Unisys Corp (Westlake Village) Site Investigation & HHRA	Staff Tox Senior Tox Office Tech AGPA	0.5	150.00 157.00 62.00 103.00		0.00 0.00 0.00 51.50
						Subtotal:	0.5		0.00	51.50
18041 SLIC	204DYOO	Los Angeles D.Rasmussen	R4-03-15		Costco Gateway Ctr AutoNation Hawthorne	Staff Tox Senior Tox	11	150.00 157.00		0.00 1,727.00

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SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	July '03 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
					Vapor Migration HRA	Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	11.5		0.00	1,778.50
18051 SLIC	2050023	Central Valley S. Timm	R5-03-02		AmeriPride Unfrm Svcs BHRA Work Plan	Senior Tox		157.00		0.00
						Assoc Tox	25	124.00		3,100.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	25.5		0.00	3,151.50
18051 SLIC	2050023	Central Valley S. Timm	R5-03-03		AmeriPride Unfrm Svcs On-call assistance	Staff Tox		150.00		0.00
						Senior Tox		157.00		0.00
						Assoc Tox		124.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	0.5		0.00	51.50
18051 SLIC	2058400	Central Valley D. Lewis	R5-03-12		Western Farm Service, Stockton 7/17/03:WTF Withdrawn	Staff Tox		150.00		0.00
						Senior Tox		157.00		0.00
						Office Tech		62.00		0.00
						AGPA	1	103.00		103.00
						Subtotal:	1		0.00	103.00

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 For the Period of July 2003

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	July '03 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18051 SLIC	1864700	Central Valley B. Taylor	R5-03-16		203 J Street, Davis Indoor Air Quality	Staff Tox Senior Tox Office Tech AGPA	0.5	150.00 157.00 62.00 103.00		0.00 0.00 0.00 51.50
Subtotal:							0.5		0.00	51.50
16661 DOD	GAFB-16661	Victorville J. Cass	R6-03-14	Jul-03	George AFB Op Unit 2 Remediation Goals	Staff Tox Senior Tox Office Tech AGPA	16 0.5	150.00 157.00 62.00 103.00		0.00 2,512.00 0.00 51.50
Subtotal:							16.5		0.00	2,563.50
18091 SLIC	2090004(NASSCO) 2090005(Southwest)	San Diego T. Alo	R9-03-04		NTL SW Steel Ship SW Marine Carryover #R9-02-15 On-call assistance	Staff Tox Senior Tox Office Tech AGPA	0.5	150.00 157.00 62.00 103.00		0.00 0.00 0.00 51.50
Subtotal:							0.5		0.00	51.50
TOTAL:							74.0	0.0	\$0.00	\$9,733.00

* Includes work performed prior to receipt of cancellation notification.

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
 OEHHA Invoice #03OEH-501
 For the Period of July 2003

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	July '03 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
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** For a description of project site status activities refer to SWRCB Work Transmittal Form (WTF) number on OEHHA monthly status reports.

Office Tech = Secretarial and records management support.

AGPA = Administrative Support (contract management/status reports/process WTFs/invoices)

Office of Environmental Health Hazard Assessment



Terry Tamminen
Agency Secretary

Joan E. Denton, Ph.D., Director
Headquarters • 1001 I Street • Sacramento, California 95814
Mailing Address: P.O. Box 4010 • Sacramento, California 95812-4010
Oakland Office • Mailing Address: 1515 Clay Street, 16th Floor • Oakland, California 94612



Arnold Schwarzenegger
Governor

ATTENTION: ANGIE N. ZAMORA
TELEPHONE: (916) 324-1252

RAFAELA PADILLA
SPILLS LEAKS INVESTIGATION & CLEANUP PROGRAM
DIVISION OF FINANCIAL ASSISTANCE
STATE WATER RESOURCES CONTROL BOARD
P.O. BOX 944212
SACRAMENTO, CA 94244-2120

INVOICE

PLEASE RETURN COPY OF INVOICE WITH
YOUR REMITTANCE TO ADDRESS AT TOP OF FORM

INVOICE NO: OEH514
DATE: Jan-14-04

FOR INTERAGENCY AGREEMENT SWRCB #03-055-550-0/ OEHHA #C03-E0003
FOR THE MONTH OF NOVEMBER 2003

ACTUAL CHARGES \$ 16,410.80

AMOUNT DUE \$ 16,410.80

**NO WARRANT CLAIM SCHEDULE CREDIT:
0001-3980-03-001-90-F**

CC: DAVID SIEGEL
ARLENE NISHMURA

1400/8100 OEH514 03 880 1200 85000 991913.20 00010000 \$16,410.80

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.



Printed on Recycled Paper

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
 OEHHA Invoice #03OEH-514
 For the Period of **NOVEMBER 2003**

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	November '03 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18011 SLIC	1811900	North Coast J. Bentz	R1-03-27		Gaddis Nursery HHRA	Staff Tox		150.00		0.00
						Senior Tox		157.00		0.00
						Assoc Tox	4	124.00		496.00
						AGPA		103.00		0.00
						Subtotal:	4		0.00	496.00
18031 SLIC	2030100	Central Coast D. Kukol	R3-03-19		Unocal Tank Farm Road Bulk Storage On-call assistance w/HHRA	Staff Tox		150.00		0.00
						Senior Tox	31	157.00	397.20	5,264.20
						Office Tech		62.00		0.00
						AGPA		103.00		0.00
						Subtotal:	31		397.20	5,264.20
18041 SLIC	2040095	Los Angeles A. Castaneda	R4-03-01		Witco Southwest HHRA Areas 1-4	Assoc Tox		124.00		0.00
						Senior Tox		157.00		0.00
						Supv Tox	0.5	165.00		82.50
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
Subtotal:	1		0.00	134.00						
18041 SLIC	204DGOO	Los Angeles D. Young	R4-03-10	Nov-03	Willow Apartments Carryover #R4-02-57/ HBRA & Subsurface	Staff Tox		150.00		0.00
						Senior Tox		157.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	0.5		0.00	51.50

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
 OEHHA Invoice #03OEH-514
 For the Period of NOVEMBER 2003

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	November '03 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18041 SLIC	2040800	Los Angeles R. Rafferty	R4-03-13		Unisys Corp (Westlake Village) Site Investigation & HHRA	Staff Tox	27	150.00		4,050.00
						Senior Tox		157.00	0.00	
						Office Tech		62.00	0.00	
						AGPA	0.5	103.00	51.50	
						Subtotal:	27.5		0.00	4,101.50
18041 SLIC	2048Y00	Los Angeles M. Zaidi	R4-03-22		99-NLF Newhall & Farm HHRA & Closure Rpt	Staff Tox		150.00		0.00
						Senior Tox		157.00	0.00	
						Office Tech		62.00	0.00	
						AGPA	0.5	103.00	51.50	
						Subtotal:	0.5		0.00	51.50
18041 SLIC	2040115	Los Angeles D. Young	R4-03-26		City of LA Staples Arena (Grand & Venice)-Prop Target Screen Levels Soil Remedn	Staff Tox	1	150.00		150.00
						Senior Tox		157.00	0.00	
						Assoc Tox		124.00	0.00	
						Office Tech		62.00	0.00	
						AGPA		103.00	0.00	
Subtotal:	1		0.00	150.00						
18041 SLIC	2047800	Los Angeles A. Siddiqui	R4-03-28		Allied Signal/Honeywell (El Segundo) HHRA	Staff Tox		150.00		0.00
						Senior Tox	1.3	157.00	204.10	
						Office Tech	2	62.00	124.00	
						AGPA	0.5	103.00	51.50	
						Subtotal:	3.8		0.00	379.60

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
 OEHHA Invoice #03OEH-514
 For the Period of NOVEMBER 2003

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	November '03 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18041 SLIC	2040029	Los Angeles S. Hariri	R4-03-29	Nov-03	Dominquez Hills HHRA	Staff Tox		150.00		0.00
						Senior Tox		157.00		0.00
						Office Tech	2	62.00		124.00
						AGPA	0.5	103.00		51.50
						Subtotal:	2.5		0.00	175.50
18051 SLIC	2050023	Central Valley S. Timm	R5-03-02	Nov-03	AmeriPride Unfrm Svcs BHRA Work Plan	Senior Tox		157.00		0.00
						Assoc Tox		124.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	0.5		0.00	51.50
18051 SLIC	1864700	Central Valley B. Taylor	R5-03-16	Nov-03	203 J Street, Davis Indoor Air Quality	Staff Tox		150.00		0.00
						Senior Tox		157.00		0.00
						Office Tech	2	62.00		124.00
						AGPA		103.00		0.00
						Subtotal:	2		0.00	124.00
18051 SLIC	1861600	Central Valley B. Taylor	R5-03-24	Nov-03	Lewis Cleaners (Davis) Indoor Air Sampling & Analysis	Staff Tox	0	150.00		0.00
						Senior Tox		157.00		0.00
						Assoc Tox		124.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
Subtotal:	0.5		0.00	51.50						

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
 OEHHA Invoice #03OEH-514
 For the Period of NOVEMBER 2003

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	November '03 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18051 SLIC	2053800	Central Valley M. Serra	R5-03-31		KMEP-Balfour HHRA	Staff Tox Senior Tox Assoc Tox Office Tech AGPA Subtotal:	2 0.5 2.5	150.00 157.00 124.00 62.00 103.00	0.00	0.00 0.00 248.00 0.00 51.50 299.50
18051 SLIC	1858400	Central Valley A. Terrell	R5-03-32		John Taylor Fertilizer (Yuba City) Draft RA Workplan	Staff Tox Senior Tox Assoc Tox Office Tech AGPA Subtotal:	14 0.5 14.5	150.00 157.00 124.00 62.00 103.00	0.00	2,100.00 0.00 0.00 0.00 51.50 2,151.50
16661 DOD	GAFB- 16661	Victorville J. Cass	R6-03-25		George AFB Rememdn Goals	Staff Tox Senior Tox Assoc Tox Office Tech AGPA Subtotal:	4 1 5	150.00 157.00 124.00 62.00 103.00	0.00	628.00 0.00 0.00 103.00 731.00

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
 OEHHA Invoice #03OEH-514
 For the Period of NOVEMBER 2003

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	November '03 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18091 SLIC	2090004	San Diego T. Alo	R9-03-04		NASSCO Marine Shipyard (San Diego)	Staff Tox		150.00		0.00
						Senior Tox	7	157.00		1,099.00
						Office Tech		62.00		0.00
						AGPA		103.00		0.00
						Subtotal:	7		0.00	1,099.00
18091 SLIC	2090005	San Diego T. Alo	R9-03-04		Southwest Marine Inc.	Staff Tox		150.00		0.00
						Senior Tox	7	157.00		1,099.00
						Office Tech		62.00		0.00
						AGPA		103.00		0.00
						Subtotal:	7		0.00	1,099.00
TOTAL:							110.8		\$397.20	\$16,410.80

* Includes work performed prior to receipt of cancellation notification.

** For a description of project site status activities refer to SWRCB Work Transmittal Form (WTF) number on OEHHA monthly status reports.

Office Tech = Secretarial and records management support.

AGPA = Administrative Support (contract management/status reports/process WTFs/invoices)

Office of Environmental Health Hazard Assessment



Terry Tamminen
Agency Secretary

Joan E. Denton, Ph.D., Director
Headquarters • 1001 I Street • Sacramento, California 95814
Mailing Address: P.O. Box 4010 • Sacramento, California 95812-4010
Oakland Office • Mailing Address: 1515 Clay Street, 16th Floor • Oakland, California 94612



Arnold Schwarzenegger
Governor

ATTENTION: ANGIE N. ZAMORA
TELEPHONE: (916) 324-1252

RAFAELA PADILLA
SPILLS LEAKS INVESTIGATION & CLEANUP PROGRAM
DIVISION OF FINANCIAL ASSISTANCE
STATE WATER RESOURCES CONTROL BOARD
P.O. BOX 944212
SACRAMENTO, CA 94244-2120

INVOICE

PLEASE RETURN COPY OF INVOICE WITH
YOUR REMITTANCE TO ADDRESS AT TOP OF FORM

INVOICE NO: OEH515
DATE: Jan-29-04

FOR INTERAGENCY AGREEMENT SWRCB #03-055-550-0/ OEHHA #C03-E0003
FOR THE MONTH OF DECEMBER 2003

ACTUAL CHARGES \$ 27,508.20

AMOUNT DUE \$ 27,508.20

**NO WARRANT CLAIM SCHEDULE CREDIT:
0001-3980-03-001-90-F**

CC: DAVID SIEGEL
ARLENE NISHMURA

1400/8100 OEH515 03 880 1200 85000 991913.20 00010000 \$27,508.20

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.



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State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
 OEHHA Invoice #03OEH-515
 For the Period of DECEMBER 2003

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	December '03 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18011 SLIC	201004	North Coast D. Prat	R1-03-21		Sierra Pac Arcata Div Workplan; HH&ERA	Staff Tox Senior Tox Assoc Tox AGPA Subtotal:	3	150.00 157.00 124.00 103.00	0.00	0.00 471.00 0.00 0.00 471.00
18011 SLIC	1811900	North Coast J. Bentz	R1-03-27		Gaddis Nursery HHRA	Staff Tox Senior Tox Assoc Tox AGPA Subtotal:	0.5 0.5	150.00 157.00 124.00 103.00	0.00	0.00 0.00 0.00 51.50 51.50
18031 SLIC	2030300	Central Coast D. Kukol	R3-03-18		Unocal Pipeline Tank Farm Road On-call assistance w/Correction Action Plan	Staff Tox Senior Tox Office Tech AGPA Subtotal:	0.5 0.5	150.00 157.00 62.00 103.00	0.00	0.00 0.00 0.00 51.50 51.50
18031 SLIC	2030100	Central Coast D. Kukol	R3-03-19		Unocal Tank Farm Road Bulk Storage On-call assistance w/HHRA	Staff Tox Senior Tox Office Tech AGPA Subtotal:	6.5 2 0.5 9	150.00 157.00 62.00 103.00	0.00	0.00 1,020.50 124.00 51.50 1,196.00
18041 SLIC	2040095	Los Angeles A. Castaneda	R4-03-01		Witco Southwest HHRA Areas 1-4	Assoc Tox Senior Tox Supv Tox Office Tech AGPA Subtotal:	6	124.00 157.00 165.00 62.00 103.00	0.00	0.00 0.00 990.00 0.00 0.00 990.00
18041 SLIC	2043W00	Los Angeles A. Siddiqui	R4-03-05	Dec-03	Playa Vista Carryover #R4-02-22/ DTSC Memoranda	Staff Tox Senior Tox Office Tech AGPA Subtotal:	0.5 0.5	150.00 157.00 62.00 103.00	0.00	0.00 0.00 0.00 51.50 51.50
18041	204GTOO	Los Angeles	R4-03-06		Honeywill Intl. Gardena	Staff Tox		150.00		0.00

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
 OEHHA Invoice #03OEH-515
 For the Period of DECEMBER 2003

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	December '03 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
SLIC		A.Siddiqui			Site (Lot 6) Carryover #R4-02-44/ HHRA	Senior Tox Office Tech AGPA Subtotal:	0.5 0.5	157.00 62.00 103.00	0.00 0.00 0.00	0.00 0.00 51.50 51.50
18041 SLIC	2043W00	Los Angeles A. Siddiqui	R4-03-07	Dec-03	Playa Vista Property Carryover #R4-02-51/ Commercial HBRG	Staff Tox Senior Tox Office Tech AGPA Subtotal:	0.0 0.5 0.5	150.00 157.00 62.00 103.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 51.50 51.50
18041 SLIC	204GT00	Los Angeles A. Siddiqui	R4-03-09		Honeywell Int. Gardena Site (Lots 1-5) Carryover #R4-02-561 Soil Sampling	Staff Tox Senior Tox Office Tech AGPA Subtotal:	0.0 0.5 0.5	150.00 157.00 62.00 103.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 51.50 51.50
18041 SLIC	2042400	Los Angeles P.Cho	R4-03-11		Dominquez Compton Wilmington (Levinson, Callender Property) Carryover #R4-20-60/PEAs	Staff Tox Senior Tox Office Tech AGPA Subtotal:	0.0 0.5 0.5	150.00 157.00 62.00 103.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 51.50 51.50
18041 SLIC	2040800	Los Angeles P. Raftery	R4-03-13		Unisys Corp (Westlake Village) Site Investigation & HHRA	Staff Tox Senior Tox Office Tech AGPA Subtotal:	4 2 0.5	150.00 157.00 62.00 103.00	0.00 0.00 124.00 0.00	600.00 0.00 124.00 0.00 724.00
18041 SLIC	2048Y00	Los Angeles M. Zaidi	R4-03-22		99-NLF Newhall & Farm HHRA & Closure Rpt	Staff Tox Senior Tox Office Tech AGPA Subtotal:	6 6 0.0	150.00 157.00 62.00 103.00	0.00 0.00 0.00 0.00	900.00 0.00 0.00 0.00 900.00

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
 OEHHA Invoice #03OEH-515
 For the Period of DECEMBER 2003

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	December '03 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18041 SLIC	2040115	Los Angeles D. Young	R4-03-26		City of LA Staples Arena (Grand & Venice)-Prop Target Screen Levels Soil Remedn	Staff Tox Senior Tox Assoc Tox Office Tech AGPA Subtotal:	1 157.00 124.00 62.00 103.00 1.5	150.00 157.00 124.00 62.00 103.00	0.00 0.00 0.00 0.00 0.00 0.00	150.00 0.00 0.00 0.00 51.50 201.50
18041 SLIC	2047800	Los Angeles A. Siddiqui	R4-03-28		Allied Signal/Honeywell (EI Segundo) HHRA	Staff Tox Senior Tox Office Tech AGPA Subtotal:	57 1.5 1 59.5	150.00 157.00 62.00 103.00	128.85 128.85	8,678.85 235.50 0.00 103.00 9,017.35
18041 SLIC	2040400	Los Angeles P. Guha-Niyogi	R4-03-30	Dec-03	Hugo Neu-Proler PRG/Clean Closure	Staff Tox Senior Tox Office Tech AGPA Subtotal:	28 2 0.5 30.5	150.00 157.00 62.00 103.00	0.00 0.00 0.00 0.00	4,200.00 0.00 124.00 51.50 4,375.50
18901	N/A	Los Angeles J. Geroch	R4-03-33		Boeing Compton PRGs	Staff Tox Senior Tox Office Tech AGPA Subtotal:	9 0.5 0.5 9.5	150.00 157.00 62.00 103.00	0.00 0.00 0.00 0.00	1,350.00 0.00 0.00 51.50 1,401.50
18041 SLIC	204EJ00	Los Angeles D. Rasmussen	R4-03-34		Honeywell Intl. Torrance Soil Investigation	Staff Tox Senior Tox Office Tech AGPA Subtotal:	40 0.5 0.5 40.5	150.00 157.00 62.00 103.00	128.85 0.00 0.00 128.85	6,128.85 0.00 0.00 51.50 6,180.35
18051 SLIC	1858400	Central Valley A. Terrell	R5-03-32	Dec-03	John Taylor Fertilizer (Yuba City) Draft RA Workplan	Staff Tox Senior Tox Assoc Tox Office Tech AGPA Subtotal:	4 1 2 0.5 7.5	150.00 157.00 124.00 62.00 103.00	0.00 0.00 0.00 0.00 0.00	600.00 157.00 0.00 124.00 51.50 932.50
18051 SLIC	1863100	Central Valley D. Lewis	R5-03-35		Cottonwood Cleaners/ Plaza	Staff Tox Senior Tox		150.00 157.00	0.00 0.00	0.00 0.00

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
 OEHHA Invoice #03OEH-515
 For the Period of DECEMBER 2003

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	December '03 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
Workplan HIRA										
					Assoc Tox		124.00			0.00
					Office Tech		62.00			0.00
					AGPA	0.5	103.00			51.50
					Subtotal:	0.5			0.00	51.50
16661 DOD	GAFB- 16661	Victorville J. Cass	R6-03-25		George AFB Rememdn Goals	Staff Tox Senior Tox Assoc Tox Office Tech AGPA	150.00 157.00 124.00 62.00 103.00	1 1 1 1 1	0.00	157.00 157.00 0.00 0.00 0.00 157.00
18091 SLIC	2090004	San Diego T. Alo	R9-03-04		NASSCO Marine Shipyard (San Diego)	Staff Tox Senior Tox Office Tech AGPA	150.00 157.00 62.00 103.00	1.75 1.75 1.75 1.75	0.00	0.00 274.75 0.00 0.00 274.75
18091 SLIC	2090005	San Diego T. Alo	R9-03-04		Southwest Marine Shipyard	Staff Tox Senior Tox Office Tech AGPA	150.00 157.00 62.00 103.00	1.75 1.75 1.75 1.75	0.00	0.00 274.75 0.00 0.00 274.75
TOTAL:						187.5	\$	257.70	\$	27,508.20

* Includes work performed prior to receipt of cancellation notification.
 ** For a description of project site status activities refer to SWRCB Work Transmittal Form (WTF) number on OEHHA monthly status reports.
 Office Tech = Secretarial and records management support.
 AGPA = Administrative Support (contract management/status reports/process WTFs/invoices)



Terry Tamminen
Agency Secretary

Office of Environmental Health Hazard Assessment

Joan E. Denton, Ph.D., Director
Headquarters • 1001 I Street • Sacramento, California 95814
Mailing Address: P.O. Box 4010 • Sacramento, California 95812-4010
Oakland Office • Mailing Address: 1515 Clay Street, 16th Floor • Oakland, California 94612



Arnold Schwarzenegger
Governor

ATTENTION: ANGIE N. ZAMORA
TELEPHONE: (916) 324-1252

RAFAELA PADILLA
SPILLS LEAKS INVESTIGATION & CLEANUP PROGRAM
DIVISION OF FINANCIAL ASSISTANCE
STATE WATER RESOURCES CONTROL BOARD
P.O. BOX 944212
SACRAMENTO, CA 94244-2120

INVOICE

PLEASE RETURN COPY OF INVOICE WITH
YOUR REMITTANCE TO ADDRESS AT TOP OF FORM

INVOICE NO: OEH523
DATE: Mar-19-04

FOR INTERAGENCY AGREEMENT SWRCB #03-055-550-0/ OEHHA #C03-E0003
FOR THE MONTH OF FEBRUARY 2004

ACTUAL CHARGES \$ 18,431.50

AMOUNT DUE \$ 18,431.50

**NO WARRANT CLAIM SCHEDULE CREDIT:
0001-3980-03-001-90-F**

CC: DAVID SIEGEL
ARLENE NISHMURA

1400/8100 OEH523 03-880 1200 85000 991913.20 00010000 \$18,431.50

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.



Printed on Recycled Paper

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
 OEHHA Invoice #03OEH-523
 For the Period of February 2004

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	Feb '04 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18011 SLIC	201004	North Coast D. Prat	R1-03-21		Sierra Pac Arcata Div Workplan; HH&ERA	Staff Tox Senior Tox Assoc Tox AGPA	2.5	150.00 157.00 124.00 103.00		0.00 392.50 0.00 0.00
Subtotal:							2.5		0.00	392.50
18041 SLIC	2040095	Los Angeles A. Castaneda	R4-03-01		Witco Southwest HHRA Areas 1-4	Assoc Tox Senior Tox Supv Tox Office Tech AGPA	5.5	124.00 157.00 165.00 62.00 103.00		0.00 0.00 907.50 0.00 51.50
Subtotal:							6		0.00	959.00
18041 SLIC	2042400	Los Angeles P.Cho	R4-03-11		Dominquez Compton Wilmington (Levinson, Callender Property) Carryover #R4-20-60/PEAs	Staff Tox Senior Tox Office Tech AGPA	0.5	150.00 157.00 62.00 103.00		0.00 0.00 0.00 51.50
Subtotal:							0.5		0.00	51.50
18041 SLIC	2040800	Los Angeles P. Raftery	R4-03-13		Unisys Corp (Westlake Village) Site Investigation & HHRA	Staff Tox Senior Tox Office Tech AGPA	7 2	150.00 157.00 62.00 103.00		1,050.00 0.00 124.00 0.00
Subtotal:							9		0.00	1,174.00
18041 SLIC	2048Y00	Los Angeles M. Zaidi	R4-03-22		99-NLF Newhall & Farm HHRA & Closure Rpt	Staff Tox Senior Tox Office Tech AGPA	2 0.5	150.00 157.00 62.00 103.00		300.00 0.00 0.00 51.50
Subtotal:							2.5		0.00	351.50
18041 SLIC	2047800	Los Angeles A. Siddiqui	R4-03-28		Allied Signal/Honeywell (El Segundo) HHRA	Staff Tox Senior Tox Office Tech AGPA	0.5	150.00 157.00 62.00 103.00		0.00 0.00 0.00 51.50
Subtotal:							0.5		0.00	51.50

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
 OEHHA Invoice #03OEH-523
 For the Period of February 2004

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	Feb '04 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18901		Los Angeles J. Geroch	R4-03-33	Feb-04	Boeing Compton PRGs	Staff Tox Senior Tox Office Tech AGPA	0.5	150.00 157.00 62.00 103.00		0.00 0.00 0.00 51.50
						Subtotal:	0.5		0.00	51.50
18041 SLIC	204EJOO	Los Angeles D.Rasmussen	R4-03-34		Honeywell Intl. Torrance Soil Investigation	Staff Tox Senior Tox Office Tech AGPA	11	150.00 157.00 62.00 103.00		1,650.00 0.00 0.00 0.00
						Subtotal:	11		0.00	1,650.00
18901		Los Angeles J. Geroch	R4-03-37		Boeing C-1, Area C (Long Beach) Soil Inv & Screen Lvl HHRA	Staff Tox Senior Tox Office Tech AGPA	46 0.5	150.00 157.00 62.00 103.00		6,900.00 0.00 0.00 51.50
						Subtotal:	46.5		0.00	6,951.50
18041 SLIC	2040071	Los Angeles S. Hariri	R4-03-38		Powerine/Cenco Stanta Fe Springs Rem Action Plan & HRA	Staff Tox Senior Tox Office Tech AGPA	29	150.00 157.00 62.00 103.00		4,350.00 0.00 0.00 0.00
						Subtotal:	29		0.00	4,350.00
18051 SLIC	2053800	Central Valley M. Serra	R5-03-31		KMEP-Balfour Brentwood HHRA	Staff Tox Senior Tox Assoc Tox Office Tech AGPA	5	150.00 157.00 124.00 62.00 103.00		0.00 0.00 620.00 0.00 0.00
						Subtotal:	5		0.00	620.00
18051 SLIC	1863100	Central Valley D. Lewis	R5-03-35	Feb-04	Cottonwood Cleaners/ Plaza Workplan HRA	Staff Tox Senior Tox Assoc Tox Office Tech AGPA	0.5 3 1	150.00 157.00 124.00 62.00 103.00		75.00 0.00 0.00 186.00 103.00
						Subtotal:	4.5		0.00	364.00

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
 OEHHA Invoice #03OEH-523
 For the Period of February 2004

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	Feb '04 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18051 SLIC	2050023	Central Valley S. Timm	R5-03-39		AmeriPride Unfrm Svcs BHRA Work Plan	Senior Tox		157.00		0.00
						Assoc Tox		124.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	0.5			0.00
16661 DOD	GAFB- 16661	Victorville J. Cass	R6-03-25		George AFB Rememdn Goals	Staff Tox		150.00		0.00
						Senior Tox	0.5	157.00		78.50
						Assoc Tox		124.00		0.00
						Office Tech		62.00		0.00
						AGPA		103.00		0.00
Subtotal:	0.5			0.00	78.50					
18091 SLIC	2090004	San Diego T. Alo	R9-03-04		NASSCO Marine Shipyard (San Diego)	Staff Tox		150.00		0.00
						Senior Tox	4.25	157.00		667.25
						Office Tech		62.00		0.00
						AGPA		103.00		0.00
						Subtotal:	4.25			0.00
18091 SLIC	2090005	San Diego T. Alo	R9-03-04		Southwest Marine Shipyard	Staff Tox		150.00		0.00
						Senior Tox	4.25	157.00		667.25
						Office Tech		62.00		0.00
						AGPA		103.00		0.00
						Subtotal:	4.25			0.00
TOTAL:							127.0		0.0	\$18,431.50

* Includes work performed prior to receipt of cancellation notification.

** For a description of project site status activities refer to SWRCB Work Transmittal Form (WTF) number on OEHHA monthly status reports.

Office Tech = Secretarial and records management support.

AGPA = Administrative Support (contract management/status reports/process WTFs/invoices)

Office of Environmental Health Hazard Assessment



Terry Tamminen
Agency Secretary

Joan E. Denton, Ph.D., Director
Headquarters • 1001 I Street • Sacramento, California 95814
Mailing Address: P.O. Box 4010 • Sacramento, California 95812-4010
Oakland Office • Mailing Address: 1515 Clay Street, 16th Floor • Oakland, California 94612



Arnold Schwarzenegger
Governor

ATTENTION: ANGIE N. ZAMORA
TELEPHONE: (916) 324-1252

RAFAELA PADILLA
SPILLS LEAKS INVESTIGATION & CLEANUP PROGRAM
DIVISION OF FINANCIAL ASSISTANCE
STATE WATER RESOURCES CONTROL BOARD
P.O. BOX 944212
SACRAMENTO, CA 94244-2120

INVOICE

PLEASE RETURN COPY OF INVOICE WITH
YOUR REMITTANCE TO ADDRESS AT TOP OF FORM

INVOICE NO: OEH525
DATE: Apr-19-04

FOR INTERAGENCY AGREEMENT SWRCB #03-055-550-0/ OEHHA #C03-E0003
FOR THE MONTH OF MARCH 2004

ACTUAL CHARGES	\$ 36,965.64
AMOUNT DUE	\$ 36,965.64

**NO WARRANT CLAIM SCHEDULE CREDIT:
0001-3980-03-001-90-F**

CC: DAVID SIEGEL
ARLENE NISHMURA

1400/8100 OEH525 03 880 1200 85000 991913.20 00010000 \$36,965.64

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.



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State Water Resources Control Board/Office of Environmental Health Hazard Assessment
Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
OEHHA Invoice #03OEH-525
For the Period of March 2004

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	Mar '04 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18011 SLIC	201004	North Coast D. Prat	R1-03-21		Sierra Pac Arcata Div Workplan; HH&ERA	Staff Tox		150.00		0.00
						Senior Tox	0.5	157.00		78.50
						Assoc Tox		124.00		0.00
						AGPA		103.00		0.00
						Subtotal:	0.5		0.00	78.50
18011 SLIC	1811900	North Coast J. Bentz	R1-03-27	Mar-04	Gaddis Nursery HHRA	Staff Tox		150.00		0.00
						Senior Tox		157.00		0.00
						Assoc Tox		124.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	0.5		0.00	51.50
18031 SLIC	2030300	Central Coast D. Kukol	R3-03-18	Mar-04	Unocal Pipeline Tank Farm Road On-call assistance w/Correction Action Plan	Staff Tox		150.00		0.00
						Senior Tox		157.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	0.5		0.00	51.50
18031 SLIC	2030100	Central Coast D. Kukol	R3-03-19		Unocal Tank Farm Road Bulk Storage On-call assistance w/HHRA	Staff Tox		150.00		0.00
						Senior Tox	5	157.00		785.00
						Office Tech		62.00		0.00
						AGPA		103.00		0.00
						Subtotal:	5		0.00	785.00
18041 SLIC	2040095	Los Angeles A. Castaneda	R4-03-01		Witco Southwest HHRA Areas 1-4	Assoc Tox		124.00		0.00
						Senior Tox	2.5	157.00		392.50
						Supv Tox	2	165.00		330.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
Subtotal:	5		0.00	774.00						
18041 SLIC	204GTOO	Los Angeles A.Siddiqui	R4-03-06		Honeywell Intl. Gardena Site (Lot 6) Carryover #R4-02-44/ HHRA	Staff Tox	3	150.00		450.00
						Senior Tox		157.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	3.5		0.00	501.50
18041	204GTOO	Los Angeles	R4-03-09		Honeywell Intl. Gardena	Staff Tox		150.00		0.00

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
OEHHA Invoice #03OEH-525
For the Period of March 2004

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	Mar '04 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
SLIC		A.Siddiqui			Site (Lots 1-5) Carryover #R4-02-56/ HHRA	Senior Tox Office Tech AGPA		157.00 62.00 103.00		0.00 0.00 51.50
					Subtotal:		0.5		0.00	51.50
18041 SLIC	2040800	Los Angeles P. Raftery	R4-03-13		Unisys Corp (Westlake Village) Site Investigation & HHRA	Staff Tox Senior Tox Office Tech AGPA	4	150.00 157.00 62.00 103.00		600.00 0.00 0.00 51.50
					Subtotal:		4.5		0.00	651.50
18041 SLIC	2048Y00	Los Angeles M. Zaidi	R4-03-22		99-NLF Newhall & Farm HHRA & Closure Rpt	Staff Tox Senior Tox Office Tech AGPA	40	150.00 157.00 62.00 103.00		6,000.00 0.00 0.00 0.00
					Subtotal:		40		0.00	6,000.00
18041 SLIC	2047800	Los Angeles A. Siddiqui	R4-03-28		Allied Signal/Honeywell (El Segundo) HHRA Site Project Mtg (3/30/04)	Staff Tox Senior Tox Office Tech AGPA	42	150.00 157.00 62.00 103.00	132.07	6,432.07 0.00 0.00 0.00
					Subtotal:		42		132.07	6,432.07
18041 SLIC	204EJ00	Los Angeles D.Rasmussen	R4-03-34		Honeywell Intl. Torrance Soil Investigation Site Project Mtg (3/30/04)	Staff Tox Senior Tox Office Tech AGPA	12	150.00 157.00 62.00 103.00	132.07	1,932.07 0.00 0.00 51.50
					Subtotal:		12.5		132.07	1,983.57
18041 SLIC	2041400	Los Angeles P. Raftery	R4-03-36	Mar-04	Emery/Textron Thousand Oaks Site Closure	Staff Tox Senior Tox Office Tech AGPA	1	150.00 157.00 62.00 103.00		150.00 1,334.50 248.00 51.50
					Subtotal:		14		0.00	1,784.00

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
OEHHA Invoice #03OEH-525
For the Period of March 2004

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	Mar '04 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18901		Los Angeles J. Geroch	R4-03-37		Boeing C-1, Area C (Long Beach) Soil Inv & Screen Lvl HHRA	Staff Tox Senior Tox Office Tech AGPA Subtotal:	10 2.5 1 13.5	150.00 157.00 62.00 103.00		1,500.00 392.50 0.00 103.00 1,995.50
18041 SLIC	2040071	Los Angeles S. Hariri	R4-03-38		Powerine/Cenco Stanta Fe Springs Rem Action Plan & HRA	Staff Tox Senior Tox Office Tech AGPA Subtotal:	58 6.6 0.5 65.1	150.00 157.00 62.00 103.00	0.00	8,700.00 1,036.20 0.00 51.50 9,787.70
18041 SLIC	204GCOO	Los Angeles D. Rasmussen	R4-03-41		Savoy Dry Cleaners Screening HHRA	Staff Tox Senior Tox Office Tech AGPA Subtotal:	 7.4 0.5 7.9	150.00 157.00 62.00 103.00	0.00	0.00 1,161.80 0.00 51.50 1,213.30
18051 SLIC	2053800	Central Valley M. Serra	R5-03-31	Mar-04	KMEP-Balfour Brentwood HHRA	Staff Tox Senior Tox Assoc Tox Office Tech AGPA Subtotal:	 6 4 0.5 10.5	150.00 157.00 124.00 62.00 103.00	0.00	0.00 0.00 744.00 248.00 51.50 1,043.50
18051 SLIC	2050023	Central Valley S. Timm	R5-03-39		AmeriPride Unfrm Svcs BHRA Work Plan	Senior Tox Assoc Tox Staff Tox Office Tech AGPA Subtotal:	 5 5	157.00 124.00 150.00 62.00 103.00	0.00	0.00 0.00 750.00 0.00 0.00 750.00

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
 OEHHA Invoice #03OEH-525
 For the Period of March 2004

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	Mar '04 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18051 SLIC	1858400	Central Valley A. Terrell	R5-03-40		John Taylor Fertilizer Rev RA Workplan	Senior Tox		157.00		0.00
						Assoc Tox		124.00		0.00
						Staff Tox	4	150.00		600.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	4.5			0.00
18051 SLIC	1861600	Central Valley B. Taylor	R5-03-42		Lewis Cleaners (Davis) Indoor Air Sampling & Analysis	Staff Tox		150.00		0.00
						Senior Tox		157.00		0.00
						Assoc Tox		124.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	0.5			0.00
16661 DOD	GAFB- 16661	Victorville J. Cass	R6-03-25		George AFB Rememdn Goals 880095.02	Staff Tox		150.00		0.00
						Senior Tox	0.5	157.00		78.50
						Assoc Tox		124.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	1			0.00
18091 SLIC	2090004	San Diego T. Alo	R9-03-04		NASSCO Marine Shipyard (San Diego)	Staff Tox		150.00		0.00
						Senior Tox	7	157.00		1,099.00
						Office Tech		62.00		0.00
						AGPA		103.00		0.00
						Subtotal:	7			0.00
18091 SLIC	2090005	San Diego T. Alo	R9-03-04		Southwest Marine Shipyard	Staff Tox		150.00		0.00
						Senior Tox	7	157.00		1,099.00
						Office Tech		62.00		0.00
						AGPA		103.00		0.00
						Subtotal:	7			0.00
TOTAL:							250.5		\$264.14	\$36,965.64

* Includes work performed prior to receipt of cancellation notification.

** For a description of project site status activities refer to SWRCB Work Transmittal Form (WTF) number on OEHHA monthly status reports.

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
OEHHA Invoice #03OEH-525
For the Period of March 2004

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	Mar '04 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
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Office Tech = Secretarial and records management support.

AGPA = Administrative Support (contract management/status reports/process WTFs/invoices)

Office of Environmental Health Hazard Assessment

Joan E. Denton, Ph.D., Director

Headquarters • 1001 I Street • Sacramento, California 95814

Mailing Address: P.O. Box 4010 • Sacramento, California 95812-4010

Oakland Office • Mailing Address: 1515 Clay Street, 16th Floor • Oakland, California 94612



Terry Tamminen
Agency Secretary



Arnold Schwarzenegger
Governor

ATTENTION: ANGIE N. ZAMORA
TELEPHONE: (916) 324-1252

RAFAELA PADILLA
SPILLS LEAKS INVESTIGATION & CLEANUP PROGRAM
DIVISION OF FINANCIAL ASSISTANCE
STATE WATER RESOURCES CONTROL BOARD
P.O. BOX 944212
SACRAMENTO, CA 94244-2120

INVOICE

PLEASE RETURN COPY OF INVOICE WITH
YOUR REMITTANCE TO ADDRESS AT TOP OF FORM

INVOICE NO: OEH529
DATE: May-11-04

FOR INTERAGENCY AGREEMENT SWRCB #03-055-550-0/ OEHHA #C03-E0003
FOR THE MONTH OF APRIL 2004

ACTUAL CHARGES	\$ 33,267.40
AMOUNT DUE	\$ 33,267.40

**NO WARRANT CLAIM SCHEDULE CREDIT:
0001-3980-03-001-90-F**

CC: DAVID SIEGEL
ARLENE NISHMURA

1400/8100 OEH529 03 880 1200 85000 991913.20 00010000 \$33,267.40

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.



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State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
 OEHHA Invoice #03OEH-529
 For the Period of April 2004

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	April '04 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18031 SLIC	2030005	Central Coast D. Kukol	R3-03-17		Unocal Avila Tank Farm On-call assistance w/HHRA	Staff Tox		150.00		0.00
						Senior Tox		157.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	0.5		0.00	51.50
18031 SLIC	2030100	Central Coast D. Kukol	R3-03-19		Unocal Tank Farm Road Bulk Storage On-call assistance w/HHRA	Staff Tox		150.00		0.00
						Senior Tox	3	157.00		471.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	3.5		0.00	522.50
18041 SLIC	2040095	Los Angeles A. Castaneda	R4-03-01		Witco Southwest HHRA Areas 1-4	Assoc Tox		124.00		0.00
						Senior Tox		157.00		0.00
						Supv Tox		165.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
Subtotal:	0.5		0.00	51.50						
18041 SLIC	204GTOO	Los Angeles A.Siddiqui	R4-03-06		Honeywell Intl. Gardena Site (Lot 6) Carryover #R4-02-44/ HHRA	Staff Tox		150.00		0.00
						Senior Tox		157.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	0.5		0.00	51.50
18041 SLIC	204GTOO	Los Angeles A.Siddiqui	R4-03-09		Honeywell Intl. Gardena Site (Lots 1-5) Carryover #R4-02-56/ HHRA	Staff Tox		150.00		0.00
						Senior Tox		157.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	0.5		0.00	51.50

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
 OEHHHA Invoice #03OEH-529
 For the Period of April 2004

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHHA Staff	April '04 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18041 SLIC	2042400	Los Angeles P. Cho	R4-03-11	Apr-04	Dominguez/Compton Wilmington Carryover #R4-02-60	Staff Tox		150.00		0.00
						Senior Tox		157.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	0.5		0.00	51.50
18041 SLIC	2048Y00	Los Angeles M. Zaidi	R4-03-22		99-NLF Newhall & Farm HHRA & Closure Rpt	Staff Tox		150.00		0.00
						Senior Tox		157.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	0.5		0.00	51.50
18041 SLIC	2040115	Los Angeles D. Young	R4-03-26	Apr-04	City of LA Staples Arena Grand & Venice Housing	Staff Tox		150.00		0.00
						Senior Tox		157.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	0.5		0.00	51.50
18041 SLIC	2047800	Los Angeles A. Siddiqui	R4-03-28		Allied Signal/Honeywell (El Segundo) HHRA	Staff Tox	18	150.00		2,700.00
						Senior Tox		157.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	18.5		0.00	2,751.50
18041 SLIC	204EJ00	Los Angeles D.Rasmussen	R4-03-34		Honeywell Intl. Torrance Soil Investigation	Staff Tox	1	150.00		150.00
						Senior Tox		157.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	1.5		0.00	201.50
18901		Los Angeles J. Geroch	R4-03-37	Apr-04	Boeing C-1, Area C (Long Beach) Soil Inv & Screen Lvl HHRA	Staff Tox	28	150.00		4,200.00
						Senior Tox		157.00		0.00
						Office Tech	4	62.00		248.00
						AGPA	0.5	103.00		51.50
						Subtotal:	32.5		0.00	4,499.50

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
 OEHHA Invoice #03OEH-529
 For the Period of April 2004

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	April '04 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18041 SLIC	2040071	Los Angeles S. Hariri	R4-03-38	Apr-04	Powerine/Cenco Stanta Fe Springs Rem Action Plan & HRA	Staff Tox	32	150.00		4,800.00
						Senior Tox		157.00		0.00
						Office Tech	4	62.00		248.00
						AGPA	0.5	103.00		51.50
						Subtotal:	36.5		0.00	5,099.50
18041 SLIC	204GCOO	Los Angeles D. Rasmussen	R4-03-41		Savoy Dry Cleaners Screening HHRA	Staff Tox		150.00		0.00
						Senior Tox	6.7	157.00		1,051.90
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	7.2		0.00	1,103.40
18041 SLIC	2040144	Los Angeles J. Hu	R4-03-43		Los Angeles AFB - Area C (Note: For work performed 02/01/04-04/30/04)	Supv Tox	2	147.00		294.00
						Senior Tox	30	141.00		4,230.00
						Office Tech		55.00		0.00
						AGPA		92.00		0.00
						Subtotal:	32		0.00	4,524.00
18051 SLIC	2050023	Central Valley S. Timm	R5-03-03	Apr-04	AmeriPride Unfrm Svcs On-Call Assistance	Senior Tox		157.00		0.00
						Assoc Tox		124.00		0.00
						Staff Tox		150.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
Subtotal:	0.5		0.00	51.50						
18051 SLIC	2053800	Central Valley M. Serra	R5-03-20	Apr-04	KMEP-Balfour Brentwood On-call assistance	Staff Tox		150.00		0.00
						Senior Tox		157.00		0.00
						Assoc Tox		124.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
Subtotal:	0.5		0.00	51.50						

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
 OEHHA Invoice #03OEH-529
 For the Period of April 2004

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	April '04 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18051 SLIC	2050023	Central Valley S. Timm	R5-03-39		AmeriPride Unfrm Svcs BHRA Work Plan	Senior Tox		157.00		0.00
						Assoc Tox		124.00		0.00
						Staff Tox	23	150.00		3,450.00
						Office Tech		62.00		0.00
						AGPA		103.00		0.00
						Subtotal:	23			0.00
18051 SLIC	1858400	Central Valley A. Terrell	R5-03-40		John Taylor Fertilizer Rev RA Workplan	Senior Tox		157.00		0.00
						Assoc Tox		124.00		0.00
						Staff Tox	22	150.00		3,300.00
						Office Tech		62.00		0.00
						AGPA		103.00		0.00
						Subtotal:	22			0.00
18051 SLIC	1861600	Central Valley B. Taylor	R5-03-42		Lewis Cleaners (Davis) Indoor Air Sampling & Analysis	Staff Tox	40	150.00		6,000.00
						Senior Tox	3	157.00		471.00
						Assoc Tox		124.00		0.00
						Office Tech		62.00		0.00
						AGPA	1	103.00		103.00
						Subtotal:	44			0.00
18091 SLIC	2090004	San Diego T. Alo	R9-03-04		NASSCO Marine Shipyards (San Diego)	Staff Tox	2.25	150.00		337.50
						Senior Tox		157.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.25	103.00		25.75
						Subtotal:	2.5			0.00
18091 SLIC	2090005	San Diego T. Alo	R9-03-04		Southwest Marine Shipyards	Staff Tox	2.25	150.00		337.50
						Senior Tox		157.00		0.00
						Office Tech		62.00		0.00
						AGPA	0.25	103.00		25.75
						Subtotal:	2.5			0.00
18091 SLIC	2092300	San Diego L. Walsh	R9-03-23	Apr-04	Ketema Aerospace Electronics Facility	Staff Tox		150.00		0.00
						Senior Tox		157.00		0.00

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
 OEHHA Invoice #03OEH-529
 For the Period of April 2004

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	April '04 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
						Office Tech		62.00		0.00
						AGPA	0.5	103.00		51.50
						Subtotal:	0.5		0.00	51.50
TOTAL:							230.7		0.0	\$33,267.40

* Includes work performed prior to receipt of cancellation notification.

** For a description of project site status activities refer to SWRCB Work Transmittal Form (WTF) number on OEHHA monthly status reports.

Office Tech = Secretarial and records management support.

AGPA = Administrative Support (contract management/status reports/process WTFs/invoices)

Office of Environmental Health Hazard Assessment



Terry Tamminen
Agency Secretary

Joan E. Denton, Ph.D., Director
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Mailing Address: P.O. Box 4010 • Sacramento, California 95812-4010
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Arnold Schwarzenegger
Governor

ATTENTION: ANGIE N. ZAMORA
TELEPHONE: (916) 324-1252

RAFAELA PADILLA
SPILLS LEAKS INVESTIGATION & CLEANUP PROGRAM
DIVISION OF FINANCIAL ASSISTANCE
STATE WATER RESOURCES CONTROL BOARD
P.O. BOX 944212
SACRAMENTO, CA 94244-2120

INVOICE

PLEASE RETURN COPY OF INVOICE WITH
YOUR REMITTANCE TO ADDRESS AT TOP OF FORM

INVOICE NO: OEH600
DATE: Sep-17-04

FOR INTERAGENCY AGREEMENT SWRCB #03-055-550-0/ OEHHA #C03-E0003
FOR THE MONTH OF JUNE 2004

ACTUAL CHARGES \$ 8,206.10

AMOUNT DUE \$ 8,206.10

**NO WARRANT CLAIM SCHEDULE CREDIT:
0001-3980-03-001-90-F**

CC: DAVID SIEGEL
ARLENE NISHMURA

1400/8100 OEH600 03 880 1200 85000 991913.20 00010000 \$8,206.10

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.



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State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
 OEHHA Invoice # 03OEH-600
 For the Period of June 2004

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	June '04 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18011 SLIC	201004	North Coast D. Prat	R1-03-21	Closed per SWRCB Request	Sierra Pac Arcata Div Workplan; HH&ERA	Staff Tox		150.00		0.00
						Senior Tox	15.5	157.00	2,433.50	
						Assoc Tox		124.00	0.00	
						AGPA		103.00	0.00	
						Subtotal:	15.5		0.00	2,433.50
18031 SLIC	2030005	Central Coast D. Kukol	R3-03-17	Closed per SWRCB Request	Unocal Avila Tank Farm On-call assistance w/HHRA	Staff Tox		150.00		0.00
						Senior Tox	6.5	157.00	1,020.50	
						Office Tech		62.00	0.00	
						AGPA		103.00	0.00	
						Subtotal:	6.5		0.00	1,020.50
18041 SLIC	2047800	Los Angeles A. Siddiqui	R4-03-28	Closed per SWRCB Request	Allied Signal/Honeywell (El Segundo) HHRA	Staff Tox	6	150.00		900.00
						Senior Tox		157.00	0.00	
						Office Tech		62.00	0.00	
						AGPA	0.5	103.00	51.50	
						Subtotal:	6.5		0.00	951.50
18041 SLIC	204GCOO	Los Angeles D. Rasmussen	R4-03-41	Closed per SWRCB Request	Savoy Dry Cleaners Screening HHRA	Staff Tox		150.00		0.00
						Senior Tox	2.8	157.00	439.60	
						Office Tech	2	62.00	124.00	
						AGPA	0.5	103.00	51.50	
						Subtotal:	5.3		0.00	615.10

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 03-055-550-0 / OEH 03-E0003
 OEHHA Invoice # 03OEH-600
 For the Period of June 2004

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	June '04 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18051 SLIC	2050023	Central Valley S. Timm	R5-03-39	Jun-04	AmeriPride Unfrm Svcs BHRA Work Plan	Senior Tox Assoc Tox Staff Tox Office Tech AGPA Subtotal:	2	157.00 124.00 150.00 62.00 103.00	0.00	0.00 0.00 0.00 124.00 0.00 124.00
18091 SLIC	2090004	San Diego T. Alo	R9-03-04	Closed per SWRCB Request	NASSCO On-call assistance.	Staff Tox Senior Tox Office Tech AGPA Subtotal:	9.75	150.00 157.00 62.00 103.00	0.00	0.00 1,530.75 0.00 0.00 1,530.75
18091 SLIC	2090005	San Diego T. Alo	R9-03-04	Closed per SWRCB Request	Southwest Marine Shipyard On-call assistance.	Staff Tox Senior Tox Office Tech AGPA Subtotal:	9.75	150.00 157.00 62.00 103.00	0.00	0.00 1,530.75 0.00 0.00 1,530.75
TOTAL:							55.3		\$ -	\$ 8,206.10

* Includes work performed prior to receipt of cancellation notification.

** For a description of project site status activities refer to SWRCB Work Transmittal Form (WTF) number on OEHHA monthly status reports.

Office Tech = Secretarial and records management support.

AGPA = Administrative Support (contract management/status reports/process WTFs/invoices)

Office of Environmental Health Hazard Assessment



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Agency Secretary

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TELEPHONE: (916) 324-1252

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DIVISION OF FINANCIAL ASSISTANCE
STATE WATER RESOURCES CONTROL BOARD
P.O. BOX 944212
SACRAMENTO, CA 94244-2120

INVOICE

PLEASE RETURN COPY OF INVOICE WITH
YOUR REMITTANCE TO ADDRESS AT TOP OF FORM

INVOICE NO: OEH613
DATE: Jan-20-05

FOR INTERAGENCY AGREEMENT SWRCB #04-010-550-0/ OEHHA #C04-E0004
FOR THE MONTH OF NOVEMBER 2004

ACTUAL CHARGES \$ 22,417.25

AMOUNT DUE \$ 22,417.25

**NO WARRANT CLAIM SCHEDULE CREDIT:
0001-3980-04-001-90-F**

CC: DAVID SIEGEL
ARLENE NISHMURA

1400/8100 OEH613 04 880 1200 85000 991913.20 00010000 \$22,417.25

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.



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State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 04-010-550-0 / OEHA# 04-E0004
 OEHA Invoice # 04OEHA-#613
 For the Period of November 2004

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHA Staff	Assigned Toxicologist	Nov '04 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18011 SLIC	1811900	North Coast J. Bentz	R1-04-08		Gaddis Nursery Addendum HHRA (Rev 1.0)	Staff Tox Assoc Tox Senior Tox Office Tech AGPA	K Randle	10.0	159.00 131.00 166.00 66.00 110.00		0.00 1,310.00 0.00 0.00 0.00
Subtotal:								10.0		0.00	1,310.00
North Coast R1 Subtotal:								10.0		\$0.0	\$1,310.00
18031 SLIC	2030005	Central Coast D. Kukol	R3-04-02		Unocal Avila Tank Farm On-call Assistance	Senior Tox Staff Tox Office Tech AGPA	Carlisle	13.0	166.00 159.00 66.00 110.00		2,158.00 0.00 0.00 0.00
Subtotal:								13.0		0.00	2,158.00
Central Coast R3 Subtotal:								13.0		\$0.0	\$2,158.00
18041 SLIC	2041YOO	Los Angeles P. Raftery	R4-04-01		HR Textron, Inc. (Valencia) Closure Plan	Staff Tox Senior Tox Office Tech AGPA	Salinas	4.0	159.00 166.00 66.00 110.00		636.00 0.00 0.00 0.00
Subtotal:								4.0		0.00	636.00
18041 SLIC	204DN00	Los Angeles M. Zaidi	R4-04-09	Nov-04	Price Pfister Remedial Action Plan & Remedial Investigation Rpt; Attend 11/8/04 Public Mtg	Staff Tox Senior Tox Office Tech AGPA	Salocks	26.0 2.0 1.0	159.00 166.00 66.00 110.00	438.75	4,572.75 0.00 132.00 110.00
Subtotal:								29.0		438.75	4,814.75
18041 SLIC	2048900	Los Angeles P. Guha-Niyogi	R4-04-10	Nov-04	Cerro Metal Products HHRA, Feasibility Study & Remedial Action Plan	Staff Tox Senior Tox Office Tech AGPA	Hristov Carlisle	7.5 2.0 4.0 0.5	159.00 166.00 66.00 110.00		1,192.50 332.00 264.00 55.00
Subtotal:								14.0		0.00	1,843.50
18041 SLIC	2040400	Los Angeles P. Guha-Niyogi	R4-04-12		Hugo Neu - Proler Monitoring & Reporting Program	Staff Tox Senior Tox Office Tech AGPA	Black	36.0	159.00 166.00 66.00 110.00		5,724.00 0.00 0.00 0.00
Subtotal:								36.0		0.00	5,724.00
18041 SLIC	2047800	Los Angeles A. Siddiqui	R4-04-17		Allied Signal/Honeywell (El Segundo)	Staff Tox Senior Tox	Salinas	16.0	159.00 166.00		2,544.00 0.00

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 04-010-550-0 / OEHA# 04-E0004
 OEHA Invoice # 04OEHA-#613
 For the Period of November 2004

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHA Staff	Assigned Toxicologist	Nov '04 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
					Remedial Action Plan	Office Tech			66.00		0.00
						AGPA			110.00		0.00
						Subtotal:		16.0		0.00	2,544.00
18041 SLIC	2042400	Los Angeles P. Cho	R4-04-19		Dominguez, Compton & Wilmington PEA HRA	Staff Tox			159.00		0.00
						Senior Tox			166.00		0.00
						Office Tech			66.00		0.00
						AGPA		0.5	110.00		55.00
						Subtotal:		0.50		0.00	55.00
18041 SLIC	204CFOO	Los Angeles A. Heath	R4-04-20		BNSF Mission Tower Site Characterization & HHRA	Staff Tox	Hristov	11.0	159.00		1,749.00
						Senior Tox			166.00		0.00
						Office Tech			66.00		0.00
						AGPA		0.5	110.00		55.00
						Subtotal:		11.50		0.00	1,804.00
Los Angeles R4 Subtotal:								111.0		\$438.8	\$17,421.25
16906 DOD	1695100	Central Valley B. Taylor	R5-04-15	Nov-04	Titan Missile 1A Human Health & Eco RA 880060.01	Staff Tox			159.00		0.00
						Senior Tox	Carlisle	2.5	166.00		415.00
						Office Tech		2.0	66.00		132.00
						AGPA		0.5	110.00		55.00
						Subtotal:		5.0		0.00	602.00
18051 SLIC	1863700	Central Valley A. Terrell	R5-04-16	Nov-04	Natomas Airpark Scoping Meeting 880061.02	Staff Tox	Hristov	2.0	159.00		318.00
						Senior Tox	Carlisle	1.0	166.00		166.00
						Office Tech			66.00		0.00
						AGPA		0.5	110.00		55.00
						Subtotal:		3.5		0.00	539.00
Central Valley R5 Subtotal:								8.5		\$0.0	\$1,141.00
18091 SLIC	2090004	San Diego T. Alo	R9-04-18		NASSCO Draft Documents	Staff Tox			159.00		0.00
						Senior Tox	Brodberg	1.0	166.00		166.00
						Office Tech			66.00		0.00
						AGPA		0.25	110.00		27.50
						Subtotal:		1.25		0.00	193.50
18091 SLIC	2090005	San Diego T. Alo	R9-04-18		SW Marine Draft Documents	Staff Tox			159.00		0.00
						Senior Tox	Brodberg	1.0	166.00		166.00
						Office Tech			66.00		0.00
						AGPA		0.25	110.00		27.50
						Subtotal:		1.25		0.00	193.50

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 04-010-550-0 / OEHA# 04-E0004
 OEHHA Invoice # 04OEHA-#613
 For the Period of November 2004

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	Assigned Toxicologist	Nov '04 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
San Diego R9 Subtotal:								2.5		\$0.00	\$387.00
November 2004 TOTAL:								145.0		\$438.8	\$22,417.25

* Includes work performed prior to receipt of cancellation notification.

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Office Tech = Secretarial and records management support.

AGPA = Administrative Support (contract management/status reports/process WTFs/invoices)

Office of Environmental Health Hazard Assessment



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Agency Secretary

Joan E. Denton, Ph.D., Director
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Mailing Address: P.O. Box 4010 • Sacramento, California 95812-4010
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Arnold Schwarzenegger
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ATTENTION: ANGIE N. ZAMORA
TELEPHONE: (916) 324-
1252

RAFAELA PADILLA
SPILLS LEAKS INVESTIGATION & CLEANUP PROGRAM
DIVISION OF FINANCIAL ASSISTANCE
STATE WATER RESOURCES CONTROL BOARD
P.O. BOX 944212
SACRAMENTO, CA 94244-2120

INVOICE

PLEASE RETURN COPY OF INVOICE WITH
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INVOICE NO: OEH624
DATE: Apr-12-05

FOR INTERAGENCY AGREEMENT SWRCB #04-010-550-0/ OEHHA #C04-E0004
FOR THE MONTH OF MARCH 2005.

ACTUAL CHARGES \$ 19,800.00

AMOUNT DUE \$ 19,800.00

**NO WARRANT CLAIM SCHEDULE CREDIT:
0001-3980-04-001-90-F**

CC: DAVID SIEGEL
ARLENE NISHMURA

1400/8100 OEH624 04 880 1200 85000 991913.20 00010000 \$19,800.00

California Environmental Protection Agency

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State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 04-010-550-0 / OEHA# 04-E0004
 OEHHA Invoice # 04OEHA-624
 For the Period of March 2005

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	Assigned Toxicologist	Mar '05 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18011 SLIC	2014800	North Coast J. Goebel	R1-04-27		G & R Metals Eureka On-call assistance	Staff Tox			159.00		0.00
						Assoc Tox	Randles		131.00	0.00	
						Senior Tox	Carlisle		166.00	0.00	
						Office Tech			66.00	0.00	
						AGPA		0.5	110.00	55.00	
						Subtotal:		0.5		0.00	55.00
18011 SLIC	2010036	North Coast C. Hunt	R1-09-30		Georgia-Pacific Fort Bragg Sawmill Scoping Meeting	Staff Tox	Salinas	8.0	159.00		1,272.00
						Assoc Tox			131.00	0.00	
						Senior Tox	Carlisle	2.5	166.00	415.00	
						Office Tech			66.00	0.00	
						AGPA		0.5	110.00	55.00	
						Subtotal:		11.0		0.00	1,742.00
North Coast R1 Subtotal:								11.5	0.00	1,797.00	
18041 SLIC	2047800	Los Angeles A. Siddiqui	R4-04-17		Allied Signal/Honeywell El Segundo Rem Act Plan, Env Grd Plan, IRM Soil Removal Act	Staff Tox	Salinas	1.0	159.00		159.00
						Senior Tox	Carlisle	5.0	166.00	830.00	
						Office Tech			66.00	0.00	
						AGPA		1.0	110.00	110.00	
						Subtotal:		7.0		0.00	1,099.00
18041 SLIC	2042400	Los Angeles P. Cho	R4-04-19		Dominguez, Compton & Wilmington Carson PEA HRA	Staff Tox	Black		159.00		0.00
						Senior Tox			166.00	0.00	
						Office Tech			66.00	0.00	
						AGPA		0.5	110.00	55.00	
						Subtotal:		0.5		0.00	55.00
18041 SLIC	204CFOO	Los Angeles A. Heath	R4-04-20		BNSF Mission Tower Los Angeles Site Characterization & HHRA	Staff Tox	Hristov		159.00		0.00
						Senior Tox	Carlisle		166.00	0.00	
						Office Tech		4.0	66.00	264.00	
						AGPA			110.00	0.00	
						Subtotal:		4.0		0.00	264.00
18041 SLIC	204DNOO	Los Angeles M. Zaidi	R4-04-23		Price Pfister Pacoima Response to Comments; Teleconferences	Staff Tox	Salocks	22.0	159.00		3,498.00
						Senior Tox	Carlisle		166.00	0.00	
						Office Tech			66.00	0.00	
						AGPA			110.00	0.00	
						Subtotal:		22.0		0.00	3,498.00
18041 SLIC	204AD00	Los Angeles T. Tintut-Williams	R4-04-24		Dominguez Energy LP & Properties LP Carson Health Based Cleanup	Staff Tox	Hristov	5.0	159.00		795.00
						Senior Tox	Carlisle	3.0	166.00	498.00	
						Office Tech		2.0	66.00	132.00	
						AGPA		0.5	110.00	55.00	
						Subtotal:		10.5		0.00	1,480.00

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 04-010-550-0 / OEHA# 04-E0004
 OEHHA Invoice # 04OEHA-624
 For the Period of March 2005

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	Assigned Toxicologist	Mar '05 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18041 SLIC	2048900	Los Angeles P. Guha-Niyogi	R4-04-25		Cerro Metal Products Co. Response to Comments; Aventd Memo	Staff Tox	Hristov	40.0	159.00		6,360.00
						Senior Tox	Carlisle	7.0	166.00		1,162.00
						Office Tech			66.00		0.00
						AGPA			110.00		0.00
						Subtotal:		47.0		0.00	7,522.00
18041 SLIC	204GU00	Los Angeles P. Guha-Niyogi	R4-04-26		Hillcrest Cleaners Northridge Soil and Groundwater	Staff Tox	Hristov	25.0	159.00		3,975.00
						Senior Tox			166.00		0.00
						Office Tech			66.00		0.00
						AGPA			110.00		0.00
						Subtotal:		25.0		0.00	3,975.00
18041 SLIC	204GTOO	Los Angeles A. Siddiqui	R4-04-29		Honeywell Intl Gardena Site Lot 6 Soil Closure & Remediation	Staff Tox	Salinas		159.00		0.00
						Senior Tox			166.00		0.00
						Office Tech			66.00		0.00
						AGPA		0.50	110.00		55.00
						Subtotal:		0.50		0.00	55.00
Los Angeles R4 Subtotal:								116.5	0.00	17,948.00	
18091 SLIC	2090004	San Diego T. Alo	R9-04-18		NASSCO Marine Shipyards (San Diego) Draft HHRA	Staff Tox			159.00		0.00
						Senior Tox			166.00		0.00
						Office Tech			66.00		0.00
						AGPA		0.25	110.00		27.50
						Subtotal:		0.25		0.00	27.50
18091 SLIC	2090005	San Diego T. Alo	R9-04-18		Southwest Marine Shipyards Draft HHRA	Staff Tox			159.00		0.00
						Senior Tox			166.00		0.00
						Office Tech			66.00		0.00
						AGPA		0.25	110.00		27.50
						Subtotal:		0.25		0.00	27.50
San Diego R9 Subtotal:								0.5	0.00	55.00	
March 2005 TOTAL:								128.5	\$0.00	\$19,800.00	

* Includes work performed prior to receipt of cancellation notification.

** For a description of project site status activities refer to SWRCB Work Transmittal Form (WTF) number on OEHHA monthly status reports.

Office Tech = Secretarial and records management support.

AGPA = Administrative Support (contract management/status reports/process WTFs/invoices)

Office of Environmental Health Hazard Assessment



Alan C. Lloyd, Ph.D.
Agency Secretary

Joan E. Denton, Ph.D., Director
Headquarters • 1001 I Street • Sacramento, California 95814
Mailing Address: P.O. Box 4010 • Sacramento, California 95812-4010
Oakland Office • Mailing Address: 1515 Clay Street, 16th Floor • Oakland, California 94612



Arnold Schwarzenegger
Governor

ATTENTION: ANGIE N. ZAMORA
TELEPHONE: (916) 324-
1252

RAFAELA PADILLA
SPILLS LEAKS INVESTIGATION & CLEANUP PROGRAM
DIVISION OF FINANCIAL ASSISTANCE
STATE WATER RESOURCES CONTROL BOARD
P.O. BOX 944212
SACRAMENTO, CA 94244-2120

INVOICE

PLEASE RETURN COPY OF INVOICE WITH
YOUR REMITTANCE TO ADDRESS AT TOP OF FORM

INVOICE NO: OE642
DATE: Jul-21-05

FOR INTERAGENCY AGREEMENT SWRCB #04-010-550-0/ OE642 #C04-E0004
FOR THE MONTH OF JUNE 2005.

ACTUAL CHARGES \$ 21,513.39

AMOUNT DUE \$ 21,513.39

**NO WARRANT CLAIM SCHEDULE CREDIT:
0001-3980-04-001-90-F**

CC: DAVID SIEGEL
ARLENE NISHMURA

1400/8100 OE642 04 880 1200 85000 991913.20 00010000 \$21,513.39

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.



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State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 04-010-550-0 / OEH# 04-E0004
 OEHHA Invoice # 04OEH-642
 For the Period of JUN 2005

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	Assigned Toxicologist	Jun '05 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18011 SLIC	1811900	North Coast J. Bentz	R1-04-08	Jun-05	Gaddis Nursery Santa Rosa Addendum HHRA	Staff Tox			159.00		0.00
						Assoc Tox	Randles	3.0	131.00	393.00	
						Senior Tox			166.00	0.00	
						Office Tech			66.00	0.00	
						AGPA		0.5	110.00	55.00	
Subtotal:								3.5		0.00	448.00
18011 SLIC	2010004	North Coast D. Prat	R1-04-14	FY 04-05 Closed Out	Sierra Pacific Arcata Scoping Eco & HHRA; TBN Document	Senior Tox	Brodberg	0.0	166.00		0.00
						Staff Tox			159.00	0.00	
						Office Tech			66.00	0.00	
						AGPA		0.5	110.00	55.00	
						Subtotal:					
18011 SLIC	2016400	North Coast J. Goebel	R1-04-21	FY 04-05 Closed Out	Abex Corp, Remco Hydraulics 475 E. San Francisco Ave, Willits	Senior Tox		0.00	166.00		0.00
						Staff Tox			159.00	0.00	
						Office Tech			66.00	0.00	
						AGPA		0.5	110.00	55.00	
						Subtotal:					
18011 SLIC	2014800	North Coast K. Ashley	R1-04-27	FY 04-05 Closed Out	G & R Metals Scoping Mtg; HRA	Senior Tox	Brodberg	0.00	166.00		0.00
						Staff Tox			159.00	0.00	
						Office Tech			66.00	0.00	
						AGPA		0.5	110.00	55.00	
						Subtotal:					
18011 SLIC	2010036	North Coast C. Hunt	R1-04-30	Jun-05	Georgia Pacific, Fort Bragg Scoping, Project/Site Mtg; On-call assistance.	Senior Tox	Carlisle	16.0	166.00	300.96	2,956.96
						Staff Tox	Salinas	16.0	159.00	246.43	2,790.43
						Office Tech			66.00	0.00	
						AGPA		1.0	110.00	110.00	
						Subtotal:					
North Coast R1 Subtotal:								38.00		547.39	6,470.39
18031 SLIC	2030005	Central Coast D. Kukol	R3-04-02	FY 04-05 Closed Out	Unocal Avila Tank Farm On-call Assistance	Senior Tox	Carlisle	0.0	166.00		0.00
						Staff Tox			159.00	0.00	
						Office Tech			66.00	0.00	
						AGPA		0.5	110.00	55.00	
						Subtotal:					
18031 SLIC	2030100	Central Coast D. Kukol	R3-04-03	FY 04-05 Closed Out	Unocal Bulk Storage -Tank Farm Road On-call Assistance	Staff Tox			159.00		0.00
						Senior Tox	Carlisle		166.00	0.00	
						Office Tech			66.00	0.00	
						AGPA		0.5	110.00	55.00	
						Subtotal:					
18031 SLIC	2030300	Central Coast D. Kukol	R3-04-04	FY 04-05 Closed Out	Unocal Pipeline -Tank Farm Road On-Call Assistance	Staff Tox			159.00		0.00
						Senior Tox	Carlisle		166.00	0.00	
						Office Tech			66.00	0.00	
						AGPA		0.5	110.00	55.00	
						Subtotal:					
Central Coast R3 Subtotal:								1.50		0.00	165.00

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 04-010-550-0 / OEH# 04-E0004
 OEHA Invoice # 04OEH-642
 For the Period of JUN 2005

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	Assigned Toxicologist	Jun '05 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
18041 SLIC	2047800	Los Angeles A. Siddiqui	R4-04-17	Jun-05	Allied Signal/Honeywell	Staff Tox	Salinas	4.0	159.00	0.00	636.00
					El Segundo	Senior Tox		0.0	166.00		0.00
					Rem Act Plan, Env Grd Plan, IRM Soil Removal Act	Office Tech		2.0	66.00		132.00
						AGPA		0.5	110.00		55.00
						Subtotal:			6.5		
18041 SLIC	204DNOO	Los Angeles M. Zaidi	R4-04-23	FY 04-05 Closed Out	Price Pfister	Staff Tox	Saiocks	15.0	159.00	0.00	2,385.00
					Pacoima	Senior Tox			166.00		0.00
					HRA; Teleconferences	Office Tech		4.0	66.00		264.00
						AGPA		0.5	110.00		55.00
						Subtotal:			19.5		
18041 SLIC	204AD00	Los Angeles T. Tintut-Williams	R4-04-24	Jun-05	Dominguez Energy LP & Properties LP	Staff Tox	Hristov	12.0	159.00	0.00	1,908.00
					Carson	Senior Tox			166.00		0.00
					Health Based Cleanup	Office Tech		4.0	66.00		264.00
						AGPA		1.0	110.00		110.00
						Subtotal:			17.0		
18041 SLIC	204GUOO	Los Angeles P. Guha-Niyogi	R4-04-26	FY 04-05 Closed Out	Hillcrest Cleaners	Staff Tox	Hristov	16.0	159.00	0.00	2,544.00
					Northridge	Senior Tox			166.00		0.00
					Soil and Groundwater	Office Tech			66.00		0.00
						AGPA		0.5	110.00		55.00
						Subtotal:			16.5		
Los Angeles R4 Subtotal:								59.5		0.00	8,408.00
18081 SLIC	2080046	Santa Ana D. Lass	R8-04-33	FY 04-05 Closed Out	Westgate Center	Staff Tox	Salinas	40.0	159.00	0.00	6,360.00
					Anaheim	Senior Tox			166.00		0.00
					Risk Assessment	Office Tech			66.00		0.00
						AGPA		0.5	110.00		55.00
						Subtotal:			40.5		
Santa Ana R8 Subtotal:								40.5	0.0	0.00	6,415.00
18091 SLIC	2090004	San Diego T. Alo	R9-04-18	FY 04-05 Closed Out	NASSCO	Staff Tox	Brodberg	0.0	159.00	0.00	0.00
					Human Health Cleanup & Abatement Order	Senior Tox			166.00		0.00
						Office Tech			66.00		0.00
						AGPA		0.25	110.00		27.50
						Subtotal:			0.25		
18091 SLIC	2090005	San Diego T. Alo	R9-04-18	FY 04-05 Closed Out	S W Marine	Staff Tox	Brodberg	0.0	159.00	0.00	0.00
					Human Health Cleanup & Abatement Order	Senior Tox			166.00		0.00
						Office Tech			66.00		0.00
						AGPA		0.25	110.00		27.50
						Subtotal:			0.25		
R9 Subtotal:								0.5	0.0	0.0	55.0

State Water Resources Control Board/Office of Environmental Health Hazard Assessment
 Interagency Agreement SWRCB# 04-010-550-0 / OEH# 04-E0004
 OEHHA Invoice # 04OEH-642
 For the Period of JUN 2005

SWRCB PCA	SWRCB Site ID #	Region / Project Mgr.	SWRCB WTF # *	Date Site Review Completed	Project Site Name **	OEHHA Staff	Assigned Toxicologist	Jun '05 Hours	Hourly Rate	Direct OEE / Travel Cost	Total Cost
								Jun 2005 TOTAL:	140.00	547.39	21,513.39

* Includes work performed prior to receipt of cancellation notification.

** For a description of project site status activities refer to SWRCB Work Transmittal Form (WTF) number on OEHHA monthly status reports.

Office Tech = Secretarial and records management support.

AGPA = Administrative Support (contract management/status reports/process WTFs/invoices)

Unreimbursed Staff Costs

Unreimbursed Staff Services Costs

Fiscal Year	Total Unreimbursed Staff Cost
2003-2004	\$63,946
2004-2005	\$12,950
2005-2006	\$128,178
2006-2007	\$64,181
2010-2011	\$130,838
	\$400,094

Fiscal Year 2003-2004

Staff	Position	Hours	Hourly Rate	Total
Ott	Water Resources Control Engineer	39	\$48	\$1,867
Alo	Water Resources Control Engineer	112	\$48	\$5,362
Barker	Supervising Water Resource Control Engineer	4	\$100	\$398
Monji	Environmental Scientist	24	\$40	\$961
Alo	Water Resources Control Engineer	99	\$48	\$4,740
Carlisle	Senior Engineering Geologist	11	\$74	\$818
Alo	Water Resources Control Engineer	102	\$48	\$4,883
Barker	Supervising Water Resource Control Engineer	23	\$100	\$2,291
Monji	Environmental Scientist	77	\$40	\$3,084
Alo	Water Resources Control Engineer	139	\$48	\$6,655
Ott	Water Resources Control Engineer	38	\$48	\$1,819
Carlisle	Senior Engineering Geologist	29	\$74	\$2,158
Alo	Water Resources Control Engineer	2	\$48	\$96
Barker	Supervising Water Resource Control Engineer	20	\$100	\$1,992
Carlisle	Senior Engineering Geologist	30	\$74	\$2,232
Ott	Water Resources Control Engineer	14	\$48	\$670
Alo	Water Resources Control Engineer	76	\$48	\$3,639
Carlisle	Senior Engineering Geologist	54	\$74	\$4,018
Carlisle	Senior Engineering Geologist	24	\$74	\$1,786
Ott	Water Resources Control Engineer	8	\$48	\$383
Monji	Environmental Scientist	23	\$40	\$921
Ott	Water Resources Control Engineer	8	\$48	\$383
Monji	Environmental Scientist	26	\$40	\$1,041
Monji	Environmental Scientist	13	\$40	\$521
Monji	Environmental Scientist	13	\$40	\$521
Ott	Water Resources Control Engineer	31	\$48	\$1,484
Monji	Environmental Scientist	57	\$40	\$2,283
Carlisle	Senior Engineering Geologist	9	\$74	\$670
Alo	Water Resources Control Engineer	131	\$48	\$6,272
				\$63,946

Fiscal Year 2004-2005

Staff	Position	Hours	Hourly Rate	Total
Carlisle	Senior Engineering Geologist	22	\$90	\$1,989
Ott	Water Resources Control Engineer	18	\$48	\$862
Tobler	Water Resources Control Engineer	92	\$48	\$4,405
Carlisle	Senior Engineering Geologist	47	\$90	\$4,249
Carlisle	Senior Engineering Geologist	16	\$90	\$1,446
				\$12,950

Fiscal Year 2005-2006

Staff	Position	Hours	Hourly Rate	Total
Tobler	Water Resources Control Engineer	83	\$48	\$3,974
Gorham-Test	Environmental Scientist	9	\$74	\$669
Brown-Homna	Environmental Scientist	35	\$74	\$2,601
Gorham-Test	Environmental Scientist	18	\$74	\$1,338
Tobler	Water Resources Control Engineer	69	\$48	\$3,303
Brown-Homna	Environmental Scientist	73	\$74	\$5,426
Carlisle	Senior Engineering Geologist	40	\$90	\$3,616
Brown-Homna	Environmental Scientist	64	\$74	\$4,757
Tobler	Water Resources Control Engineer	78	\$48	\$3,734
Gorham-Test	Environmental Scientist	61	\$74	\$4,534
Carlisle	Senior Engineering Geologist	52	\$90	\$4,701
Carlisle	Senior Engineering Geologist	90	\$90	\$8,136
Tobler	Water Resources Control Engineer	87	\$48	\$4,165
Gorham-Test	Environmental Scientist	18	\$74	\$1,338
Carlisle	Senior Engineering Geologist	66	\$90	\$5,966
Gorham-Test	Environmental Scientist	9	\$74	\$669
Carlisle	Senior Engineering Geologist	32	\$90	\$2,893
Brown-Homna	Environmental Scientist	12	\$74	\$892
Gorham-Test	Environmental Scientist	21	\$74	\$1,561
Carlisle	Senior Engineering Geologist	29	\$90	\$2,622
Carlisle	Senior Engineering Geologist	16	\$90	\$1,446
Tobler	Water Resources Control Engineer	99	\$48	\$4,740
Brown-Homna	Environmental Scientist	50	\$74	\$3,716
Brown-Homna	Environmental Scientist	37	\$74	\$2,713
Tobler	Water Resources Control Engineer	8	\$48	\$383
Brown-Homna	Environmental Scientist	60	\$74	\$4,460
Gorham-Test	Environmental Scientist	15	\$74	\$1,115
Tobler	Water Resources Control Engineer	26	\$48	\$1,245
Brown-Homna	Environmental Scientist	97	\$74	\$7,172
Tobler	Water Resources Control Engineer	138	\$48	\$6,607
Tobler	Water Resources Control Engineer	87	\$48	\$4,165
Tobler	Water Resources Control Engineer	58	\$48	\$2,777
Carlisle	Senior Engineering Geologist	74	\$90	\$6,690
Gorham-Test	Environmental Scientist	31	\$74	\$2,304
Carlisle	Senior Engineering Geologist	130	\$90	\$11,752
				\$128,178

Fiscal Year 2006-2007

Staff	Position	Hours	Hourly Rate	Total
Carlisle	Senior Engineering Geologist	71	\$116	\$8,251
Brown-Homna	Environmental Scientist	109	\$89	\$9,670
Carlisle	Senior Engineering Geologist	62	\$116	\$7,205
Brown-Homna	Environmental Scientist	53	\$89	\$4,657
Gorham-Test	Environmental Scientist	6	\$89	\$532
Tobler	Water Resources Control Engineer	102	\$59	\$6,060
Carlisle	Senior Engineering Geologist	14	\$116	\$1,627
Brown-Homna	Environmental Scientist	40	\$89	\$3,549
Carlisle	Senior Engineering Geologist	16	\$116	\$1,859
Tobler	Water Resources Control Engineer	75	\$59	\$4,456
Tobler	Water Resources Control Engineer	9	\$59	\$535
Carlisle	Senior Engineering Geologist	48	\$116	\$5,578
Brown-Homna	Environmental Scientist	60	\$89	\$5,323
Brown-Homna	Environmental Scientist	55	\$89	\$4,879
				\$64,181

Fiscal Year 2010-2011

Staff	Position	Hours	Hourly Rate	Total Cost
K. Dorsey	Engineering Geologist	5.5	\$140	\$770
L. Honma	Environmental Scientist	276.5	\$95	\$26,254
J. Odermatt	Senior Engineering Geologist	2	\$164	\$328
J. Chan	Supervising Engineering Geologist	198	\$164	\$32,398
D. Barker	Supervising Water Resource Control Engineer	324	\$164	\$53,015
F. Melborn	Water Resources Control Engineer	128.75	\$139	\$17,935
T. Alo	Water Resources Control Engineer	1	\$139	\$139
				\$130,838

SPILLS, LEAKS, INVESTIGATIONS, AND CLEANUPS (SLIC) PROGRAM
BILLING COST EXPLANATION

FY 2003-2004

Employee Salary and Benefits by Classification¹	ABR.	SALARY SCALE
Associate Governmental Program Analyst	AGPA	4581 - 5568
Engineering Geologist	EG	3830 - 6598
Environmental Program Manager I (Supervisory)	EMP I	6535 - 7887
Environmental Program Manager II	EMP II	8336 - 9194
Environmental Scientist	ES	3204 - 5946
Office Assistant	OA	2160 - 2884
Office Technician	OT	2748 - 3341
Principal Water Resources Control Eng.,	PWRCE	7940 - 8756
Sanitary Engineering Associate	SEA	5165 - 6276
Sanitary Engineering Technician	SET	3557 - 4962
Senior Engineering Geologist	SEG	5952 - 7232
Senior Environmental Scientist	SRES	5675 - 6849
Senior Water Resources Control Engineer	SWRCE	5952 - 7232
Staff Environmental Scientist	SES	5670 - 6846
Staff Counsel	SC	4272 - 8230
Student Assistant	SA	1594 - 2123
Student Assistant Engrng.	SAE	2085 - 3120
Supervising Water Resources Control Eng.,	SUWRCE	7224 - 7968
Water Resources Control Engineer	WRCE	3830 - 6590

Indirect Charges²

Indirect costs	100% of salaries and benefits
State Board accounting administrative costs	15% of salaries and benefits
Regional Board administrative costs	20% of salaries and benefits

Billing Example

Water Resources Control Engineer Salary:	\$ 6,590
Indirect costs:	\$ 6,590
State Board accounting administrative costs	\$ 988
Regional Board administrative costs	<u>\$ 1,318</u>
Total Cost per month	\$ 15,486

Divided by 176 hours per month equals per hour: \$ 87.99
(Due to the various classifications that expend SLIC resources, an average of \$ 90.00 per hour can be used for projection purposes.)

¹ The name and classification of employees performing oversight work will be listed on the invoice you receive.

² The examples are estimates based on recent billings. Actual charges may be slightly higher or lower.

SPILLS, LEAKS, INVESTIGATIONS, AND CLEANUPS (SLIC) PROGRAM
BILLING COST EXPLANATION

FY 2004-2005

Employee Salary and Benefits by Classification¹	ABR.	SALARY SCALE
Associate Governmental Program Analyst	AGPA	4581 - 5568
Engineering Geologist	EG	3830 - 6598
Environmental Program Manager I (Supervisory)	EMP I	6535 - 7887
Environmental Program Manager II	EMP II	8336 - 9194
Environmental Scientist	ES	3204 - 5946
Office Assistant	OA	2160 - 2884
Office Technician	OT	2748 - 3341
Principal Water Resources Control Eng.,	PWRCE	7940 - 8756
Sanitary Engineering Associate	SEA	5165 - 6276
Sanitary Engineering Technician	SET	3557 - 4962
Senior Engineering Geologist	SEG	5952 - 7232
Senior Environmental Scientist	SRES	5675 - 6849
Senior Water Resources Control Engineer	SWRCE	5952 - 7232
Staff Environmental Scientist	SES	5670 - 6846
Staff Counsel	SC	4272 - 8230
Student Assistant	SA	1594 - 2123
Student Assistant Engrng.	SAE	2085 - 3120
Supervising Water Resources Control Eng.,	SUWRCE	7224 - 7968
Water Resources Control Engineer	WRCE	3830 - 6590

Indirect Charges²

Indirect costs	100% of salaries and benefits
State Board accounting administrative costs	15% of salaries and benefits
Regional Board administrative costs	20% of salaries and benefits

Billing Example

Water Resources Control Engineer Salary:	\$ 6,590
Indirect costs:	\$ 6,590
State Board accounting administrative costs	\$ 988
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Total Cost per month	\$ 15,486

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SPILLS, LEAKS, INVESTIGATIONS, AND CLEANUPS (SLIC) PROGRAM
BILLING COST EXPLANATION

FY 2005-2006

Employee Salary and Benefits by Classification¹	ABR.	SALARY SCALE
Associate Governmental Program Analyst	AGPA	4581 - 5568
Engineering Geologist	EG	3830 - 6598
Environmental Program Manager I (Supervisory)	EMP I	6535 - 7887
Environmental Program Manager II	EMP II	8336 - 9194
Environmental Scientist	ES	3204 - 5946
Office Assistant	OA	2160 - 2884
Office Technician	OT	2748 - 3341
Principal Water Resources Control Eng.,	PWRCE	7940 - 8756
Sanitary Engineering Associate	SEA	5165 - 6276
Sanitary Engineering Technician	SET	3557 - 4962
Senior Engineering Geologist	SEG	5952 - 7232
Senior Environmental Scientist	SRES	5675 - 6849
Senior Water Resources Control Engineer	SWRCE	5952 - 7232
Staff Environmental Scientist	SES	5670 - 6846
Staff Counsel	SC	4272 - 8230
Student Assistant	SA	1594 - 2123
Student Assistant Engrng.	SAE	2085 - 3120
Supervising Water Resources Control Eng.,	SUWRCE	7224 - 7968
Water Resources Control Engineer	WRCE	3830 - 6590

Indirect Charges²

Indirect costs	100% of salaries and benefits
State Board accounting administrative costs	15% of salaries and benefits
Regional Board administrative costs	20% of salaries and benefits

Billing Example

Water Resources Control Engineer Salary:	\$ 6,590
Indirect costs:	\$ 6,590
State Board accounting administrative costs	\$ 988
Regional Board administrative costs	<u>\$ 1,318</u>
Total Cost per month	\$ 15,486

Divided by 176 hours per month equals per hour: \$ 87.99
(Due to the various classifications that expend SLIC resources, an average of \$ 90.00 per hour can be used for projection purposes.)

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SPILLS, LEAKS, INVESTIGATIONS, AND CLEANUPS (SLIC) PROGRAM
BILLING COST EXPLANATION

Employee Salary and Benefits by Classification	¹ ABR	SALARY SCALE
Associate Governmental Program Analyst	AGPA	5,468 - 6,646
Engineering Geologist	EG	4,753 - 8,316
Environmental Scientist	ES	3,824 - 7,097
Office Assistant	OA	2,578 - 3,442
Office Technician	OT	3,338 - 4,056
Principal Water Resources Control Engineer	PWRCE	9,476 - 10,451
Sanitary Engineering Associate	SEA	6,165 - 7,491
Sanitary Engineering Technician	SET	4,245 - 5,922
Senior Engineering Geologist	SEG	7,650 - 9,297
Senior Environmental Scientist	SRES	6,774 - 9,823
Senior Water Resources Control Engineer	SWRCE	7,650 - 9,297
Staff Counsel	STCOUN	5,099 - 9,823
Staff Counsel III	STCOUNIII	9,185 - 11,334
Staff Counsel IV	STCOUNIV	10,141 - 12,522
Staff Environmental Scientist	SES	6,767 - 8,172
Student Assistant	SA	1,812 - 2,413
Student Assistant Engineer	SAE	2,488 - 3,723
Supervising Water Resources Control Engineer	SUWRCE	8,622 - 10,206
Water Resources Control Engineer	WRCE	4,753 - 8,298

Indirect Charges²

Indirect costs	100% of salaries and benefits
Accounting administrative costs	15% of salaries and benefits
Regional Board administrative costs	20% of salaries and benefits

Billing Example

Water Resources Control Engineer	
Salary:	\$ 8,298
Overhead (indirect costs):	\$ 8,298
Admin.: State Board	\$ 1,245
Regional Board	\$ 1,660
Total Cost per month	\$ 19,501

Divided by 176 hours per month equals per hour: \$ 110.80
(Due to the various classifications that expend SLIC resources. An average of \$ 110.00 per hour can be used for projection purposes.)

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² The examples are estimates based on recent billings. Actual charges may be slightly higher or lower.

SPILLS, LEAKS, INVESTIGATIONS, AND CLEANUPS (SLIC) PROGRAM
BILLING COST EXPLANATION

Employee Salary and Benefits by Classification ¹	ABR	SALARY SCALE
Associate Governmental Program Analyst	AGPA	5,468 - 6,646
Engineering Geologist	EG	4,753 - 8,316
Environmental Scientist	ES	3,824 - 7,097
Office Assistant	OA	2,578 - 3,442
Office Technician	OT	3,338 - 4,056
Principal Water Resources Control Engineer	PWRCE	9,476 - 10,451
Sanitary Engineering Associate	SEA	6,165 - 7,491
Sanitary Engineering Technician	SET	4,245 - 5,922
Senior Engineering Geologist	SEG	7,650 - 9,297
Senior Environmental Scientist	SRES	6,774 - 9,823
Senior Water Resources Control Engineer	SWRCE	7,650 - 9,297
Staff Counsel	STCOUN	5,099 - 9,823
Staff Counsel III	STCOUNIII	9,185 - 11,334
Staff Counsel IV	STCOUNIV	10,141 - 12,522
Staff Environmental Scientist	SES	6,767 - 8,172
Student Assistant	SA	1,812 - 2,413
Student Assistant Engineer	SAE	2,488 - 3,723
Supervising Water Resources Control Engineer	SUWRCE	8,622 - 10,206
Water Resources Control Engineer	WRCE	4,753 - 8,298

Indirect Charges²

Indirect costs	100% of salaries and benefits
Accounting administrative costs	15% of salaries and benefits
Regional Board administrative costs	20% of salaries and benefits

Billing Example

Water Resources Control Engineer	
Salary:	\$ 8,298
Overhead (indirect costs):	\$ 8,298
Admin.: State Board	\$ 1,245
Regional Board	\$ 1,660
Total Cost per month	\$ 19,501

Divided by 176 hours per month equals per hour: \$ 110.80
(Due to the various classifications that expend SLIC resources. An average of \$ 110.00 per hour can be used for projection purposes.)

¹ The name and classification of employees performing oversight work will be listed on the invoice you receive.

² The examples are estimates based on recent billings. Actual charges may be slightly higher or lower.

FY 2008-2009

SITE CLEANUP PROGRAM (SCP)
BILLING COST EXPLANATION

Employee Salary and Benefits by Classification ¹ ABR		SALARY SCALE
Associate Governmental Program Analyst	AGPA	5,852 – 7,113
Engineering Geologist	EG	5,691 – 10,173
Environmental Scientist	ES	4,092 - 7,596
Office Assistant (G)	OA	2,758 - 3,684
Office Assictant (T)	OA	2,850 – 3,759
Office Technician (G)	OT	3,509 - 4,268
Office Technician (T)	OT	3,572 - 4,341
Principal Water Resources Control Engineer	PWRCE	13,090 - 14,434
Sanitary Engineering Associate	SEA	6,597 - 8,016
Sanitary Engineering Technician	SET	4,543 - 6,339
Senior Engineering, Water Resources	SWRCE	9,811 – 13,090
Senior Engineering Geologist	SEG	9,811 – 11,923
Senior Environmental Scientist	SRES	7,248 - 8,749
Staff Counsel	STCOUN	6,216 – 10,411
Staff Counsel III	STCOUNIII	10,217 – 12,606
Staff Counsel IV	STCOUNIV	11,286 – 13,934
Staff Environmental Scientist	SES	7,242 - 8,745
Student Assistant	SA	2,663 - 2,938
Student Assistant Engineer	SAE	2,663 - 3,985
Supervising Engineering Geologist	SUEG	10,769 - 13,090
Supervising Water Resources Control Engineer	SUWRCE	10,769 – 13,090
Water Resources Control Engineer	WRCE	7,883 - 10,131

Indirect Charges²

Indirect costs	100% of salaries and benefits
Accounting administrative costs	15% of salaries and benefits
Regional Board administrative costs	20% of salaries and benefits

Billing Example

Water Resources Control Engineer		
Salary:	\$	10,131
Overhead (indirect costs):	\$	10,131
Admin.: State Board	\$	1,520
Regional Board	\$	2,026
Total Cost per month	\$	23,808

Divided by 176 hours per month equals per hour: \$ 135.27
(Due to the various classifications that expend SLIC resources. An average of \$ 135.
per hour can be used for projection purposes.)

¹ The name and classification of employees performing oversight work will be listed on the invoice you receive.

² The examples are estimates based on recent billings. Actual charges may be slightly higher or lower.

Attachment 1

**SITE CLEANUP PROGRAM (SCP)
BILLING COST EXPLANATION**

FY 2009-2010

Employee Salary and Benefits by Classification	¹ ABR	SALARY SCALE
Associate Governmental Program Analyst	AGPA	5,852 – 7,113
Engineering Geologist	EG	9,213 – 11,201
Environmental Scientist	ES	4,092 – 7,596
Office Assistant (G)	OA	2,758 – 3,684
Office Assistant (T)	OA	2,850 – 3,759
Office Technician (G)	OT	3,509 – 4,268
Office Technician (T)	OT	3,572 – 4,341
Principal Water Resources Control Engineer	PWRCE	13,090 – 14,434
Sanitary Engineering Associate	SEA	6,597 – 8,016
Sanitary Engineering Technician	SET	4,543 – 6,339
Senior Engineering, Water Resources	SWRCE	9,811 – 13,090
Senior Engineering Geologist	SEG	10,802 – 13,127
Senior Environmental Scientist	SRES	7,248 – 8,749
Senior Water Resources Control Engineer	SRWRCE	10,802 – 13,127
Staff Counsel	STCOUN	6,216 – 10,411
Staff Counsel III	STCOUNIII	10,217 – 12,606
Staff Counsel IV	STCOUNIV	11,286 – 13,934
Staff Environmental Scientist	SES	7,242 – 8,745
Student Assistant	SA	2,663 – 2,938
Student Assistant Engineer	SAE	2,663 – 3,985
Supervising Engineering Geologist	SUEG	10,769 – 13,090
Supervising Water Resources Control Engineer	SUWRCE	10,769 – 13,090
Water Resources Control Engineer	WRCE	7,883 – 11,144

Operating Expenses and Equipment ² (both Headquarters and Regional Board offices)

Indirect Costs (Overhead – cost of doing business) 135%

Billing Example

Water Resources Control Engineer	
Salary:	\$ 11,144
Overhead (indirect costs):	\$ <u>15,044</u>
Total Cost per month	\$ 26,188.

Divided by 176 hours per month equals per hour: \$ 148.80
 (Due to the various classifications that expend SCP resources. An average of \$ 150.
 per hour can be used for projection purposes.)

¹ The name and classification of employees performing oversight work will be listed on the invoice you receive.

² The examples are estimates based on recent billings. Actual charges may be slightly higher or lower.

Attachment 1

**SITE CLEANUP PROGRAM (SCP)
BILLING COST EXPLANATION**

FY 2011-2012

Employee Salary and Benefits by Classification	¹ ABR	SALARY SCALE	
Associate Governmental Program Analyst	AGPA	5,852 –	7,113
Engineering Geologist	EG	9,213 –	11,201
Environmental Scientist	ES	4,092 –	7,596
Office Assistant (G)	OA	2,758 –	3,684
Office Assistant (T)	OA	2,850 –	3,759
Office Technician (G)	OT	3,509 –	4,268
Office Technician (T)	OT	3,572 –	4,341
Principal Water Resources Control Engineer	PWRCE	13,090 –	14,434
Sanitary Engineering Associate	SEA	6,597 –	8,016
Sanitary Engineering Technician	SET	4,543 –	6,339
Senior Engineering, Water Resources	SWRCE	9,811 –	13,090
Senior Engineering Geologist	SEG	10,802 –	13,127
Senior Environmental Scientist	SRES	7,248 –	8,749
Senior Water Resources Control Engineer	SRWRCE	10,802 –	13,127
Staff Counsel	STCOUN	6,216 –	10,411
Staff Counsel III	STCOUNIII	10,217 –	12,606
Staff Counsel IV	STCOUNIV	11,286 –	13,934
Staff Environmental Scientist	SES	7,242 –	8,745
Student Assistant	SA	2,663 –	2,938
Student Assistant Engineer	SAE	2,663 –	3,985
Supervising Engineering Geologist	SUEG	10,769 –	13,090
Supervising Water Resources Control Engineer	SUWRCE	10,769 –	13,090
Water Resources Control Engineer	WRCE	7,883 –	11,144

Operating Expenses and Equipment ² (both Headquarters and Regional Board offices)

Indirect Costs (Overhead – cost of doing business) 135%

Billing Example

Water Resources Control Engineer		
Salary:	\$	11,144
Overhead (indirect costs):	\$	<u>15,044</u>
Total Cost per month	\$	26,188.

Divided by 176 hours per month equals per hour: \$ 148.80
(Due to the various classifications that expend SCP resources. An average of \$ 150.
per hour can be used for projection purposes.)

¹ The name and classification of employees performing oversight work will be listed on the invoice you receive.

² The examples are estimates based on recent billings. Actual charges may be slightly higher or lower.

NASSCO Unpaid Invoices

**STATE WATER RESOURCES CONTROL BOARD
SITE CLEANUP PROGRAM
INVOICE FOR OVERSIGHT COSTS
FOR THE PERIOD ENDING: 06/30/11**

Date: 09/13/2011

Account Number: 2090004

Regional Board: San Diego Region

Invoice Number: 73111

Responsible Party #: 1562

NASSCO
ATTEN: Michael Chee
P O Box 85278
San Diego CA 92186-5278

Site Location:

NATIONAL STEEL AND SHIPBUILDING COM
HARBOR DRIVE AND 28th STREET
SAN DIEGO CA 92113

Payment(s) received as of 09/13/11: \$830,929.67

Balance Forward: \$278,771.55

**** New Charges - Billing Period 04/01/11-06/30/11:** \$95,965.72

TOTAL AMOUNT DUE: \$374,737.27

** See itemized list of new charges on reverse or subsequent page (s)

The Porter-Cologne Water Quality Control Act (Section 13365) allows the Regional Water Quality Control Board to recover reasonable expenses from the responsible party for overseeing cleanup of illegal discharges, contaminated properties, and other unregulated releases adversely affecting the State's waters. When your site was put in the cost recovery program, you received a letter explaining that the State Water Resources Control Board would bill you for the Regional Board's costs of cleanup oversight.

If you desire a more detailed explanation for labor hours expended by any Regional Board staff member, you should contact John Anderson (858) 467-2975. If there are disputed charges for activities which you cannot resolve with the program manager, you should discuss them with the Executive Officer of the Regional Board.

For information regarding payments call: Carmen Rios at (916) 341-5659 or crios@waterboards.ca.gov

PAYMENT IS DUE IN 30 DAYS

PLEASE RETURN CHECK IN ENVELOPE PROVIDED

TO ENSURE PROPER CREDITING OF YOUR ACCOUNT: INCLUDE YOUR RESPONSIBLE PARTY NUMBER, ACCOUNT NUMBER AND INVOICE NUMBER ON YOUR CHECK. IF PAYING MULTIPLE INVOICES, ALL ACCOUNT NUMBERS MUST BE LISTED ON YOUR CHECK. MAKE CHECKS PAYABLE TO: SWRCB

RP #: 1562

Account Number: 2090004

Invoice Number: 73111

Amount Due: \$374,737.27

**SEND PAYMENTS TO: State Water Resources Control Board
SCP Program
P.O. Box 944212
Sacramento, CA 94244-2120**

DATE	NAME	CLASS	ACT	HOURS
04/01/11	Rodriguez, Vicente	WRCE	EO	4
04/01/11	Carlisle, Craig	SEG	EO	2
04/04/11	Carlisle, Craig	SEG	EO	2
04/04/11	Rodriguez, Vicente	WRCE	EO	4.5
04/04/11	Loflen, Chad	ES	RR	8
04/05/11	Alo, Tom	WRCE	IC	0.75
04/05/11	Loflen, Chad	ES	RR	5
04/05/11	Rodriguez, Vicente	WRCE	EO	4.5
04/05/11	Loflen, Chad	ES	IC	1.5
04/05/11	Carlisle, Craig	SEG	EO	4
04/06/11	Alo, Tom	WRCE	RR	2
04/06/11	Rodriguez, Vicente	WRCE	EO	4.5
04/06/11	Carlisle, Craig	SEG	EO	4
04/07/11	Melbourn, Frank	WRCE	WC	1
04/07/11	Chan, Julie	SR.EG	IC	3
04/07/11	Alo, Tom	WRCE	RR	4.5
04/07/11	Carlisle, Craig	SEG	EO	4
04/08/11	Melbourn, Frank	WRCE	WC	0.75
04/08/11	Carlisle, Craig	SEG	EO	3
04/11/11	Chan, Julie	SR.EG	RR	0.5
04/11/11	Melbourn, Frank	WRCE	WC	1
04/11/11	Carlisle, Craig	SEG	EO	2
04/12/11	Melbourn, Frank	WRCE	WC	2
04/12/11	Carlisle, Craig	SEG	EO	2
04/12/11	Rodriguez, Vicente	WRCE	EO	4.5
04/13/11	Carlisle, Craig	SEG	EO	2
04/13/11	Rodriguez, Vicente	WRCE	EO	4.5
04/14/11	Carlisle, Craig	SEG	EO	2
04/14/11	Chan, Julie	SR.EG	RR	1
04/15/11	Chan, Julie	SR.EG	RR	1
04/15/11	Rodriguez, Vicente	WRCE	EO	4
04/15/11	Carlisle, Craig	SEG	EO	2
04/18/11	Carlisle, Craig	SEG	EO	2
04/18/11	Rodriguez, Vicente	WRCE	EO	4.5
04/19/11	Carlisle, Craig	SEG	EO	2
04/19/11	Rodriguez, Vicente	WRCE	EO	4.5
04/20/11	Rodriguez, Vicente	WRCE	EO	4.5
04/21/11	Carlisle, Craig	SEG	EO	2
04/21/11	Rodriguez, Vicente	WRCE	EO	4.5
04/22/11	Carlisle, Craig	SEG	EO	2
04/25/11	Carlisle, Craig	SEG	EO	2
04/26/11	Alo, Tom	WRCE	IC	0.5
04/26/11	Loflen, Chad	ES	IC	1.5
04/26/11	Carlisle, Craig	SEG	EO	2
04/26/11	Rodriguez, Vicente	WRCE	EO	3
04/27/11	Rodriguez, Vicente	WRCE	EO	4.5
04/28/11	Rodriguez, Vicente	WRCE	EO	4.5
04/28/11	Carlisle, Craig	SEG	EO	2
04/29/11	Rodriguez, Vicente	WRCE	EO	4
04/29/11	Carlisle, Craig	SEG	EO	2

05/02/11	Carlisle, Craig	SEG	EO	3
05/02/11	Rodriguez, Vicente	WRCE	EO	4.5
05/02/11	Loflen, Chad	ES	TC	1.5
05/02/11	Melbourn, Frank	WRCE	RR	3.25
05/03/11	Carlisle, Craig	SEG	EO	3
05/03/11	Melbourn, Frank	WRCE	RR	1.75
05/03/11	Rodriguez, Vicente	WRCE	EO	4.5
05/04/11	Chan, Julie	SR.EG	TC	0
05/04/11	Carlisle, Craig	SEG	EO	3
05/04/11	Loflen, Chad	ES	TC	8
05/04/11	Rodriguez, Vicente	WRCE	EO	3.75
05/05/11	Carlisle, Craig	SEG	EO	3
05/05/11	Chan, Julie	SR.EG	TC	0
05/05/11	Rodriguez, Vicente	WRCE	EO	4.5
05/05/11	Melbourn, Frank	WRCE	RR	1.88
05/05/11	Loflen, Chad	ES	RR	2
05/06/11	Carlisle, Craig	SEG	EO	3
05/09/11	Rodriguez, Vicente	WRCE	EO	4.5
05/09/11	Alo, Tom	WRCE	EO	1
05/10/11	Rodriguez, Vicente	WRCE	EO	4.5
05/10/11	Melbourn, Frank	WRCE	WC	0.75
05/11/11	Carlisle, Craig	SEG	EO	2
05/11/11	Rodriguez, Vicente	WRCE	EO	4.5
05/12/11	Carlisle, Craig	SEG	EO	2
05/12/11	Rodriguez, Vicente	WRCE	EO	4.5
05/13/11	Loflen, Chad	ES	RR	2
05/13/11	Carlisle, Craig	SEG	EO	2
05/13/11	Melbourn, Frank	WRCE	WC	1.25
05/13/11	Rodriguez, Vicente	WRCE	EO	4
05/16/11	Melbourn, Frank	WRCE	WC	4
05/16/11	Rodriguez, Vicente	WRCE	EO	4.5
05/16/11	Chan, Julie	SR.EG	IC	0
05/17/11	Melbourn, Frank	WRCE	WC	2.5
05/17/11	Rodriguez, Vicente	WRCE	EO	4.5
05/17/11	Alo, Tom	WRCE	EO	4.5
05/18/11	Rodriguez, Vicente	WRCE	EO	4.5
05/18/11	Alo, Tom	WRCE	EO	3.5
05/18/11	Melbourn, Frank	WRCE	WC	3.25
05/19/11	Alo, Tom	WRCE	EO	4.5
05/19/11	Carlisle, Craig	SEG	EO	1
05/23/11	Alo, Tom	WRCE	EO	4
05/23/11	Carlisle, Craig	SEG	EO	4
05/24/11	Alo, Tom	WRCE	EO	0.5
05/24/11	Chan, Julie	SR.EG	IC	0
05/24/11	Carlisle, Craig	SEG	EO	4
05/24/11	Rodriguez, Vicente	WRCE	EO	4.5
05/24/11	Melbourn, Frank	WRCE	WC	2
05/24/11	Alo, Tom	WRCE	EO	4
05/25/11	Rodriguez, Vicente	WRCE	EO	4.5
05/25/11	Alo, Tom	WRCE	EO	4.5
05/26/11	Melbourn, Frank	WRCE	RR	4
05/26/11	Rodriguez, Vicente	WRCE	EO	4.5
05/26/11	Alo, Tom	WRCE	EO	4.5

05/27/11	Alo, Tom	WRCE	EO	4.5
05/27/11	Rodriguez, Vicente	WRCE	EO	4
05/31/11	Carlisle, Craig	SEG	EO	4
05/31/11	Melbourn, Frank	WRCE	RR	4
05/31/11	Rodriguez, Vicente	WRCE	EO	4.5
05/31/11	Loflen, Chad	ES	IC	1.5
06/01/11	Alo, Tom	WRCE	EO	4.5
06/01/11	Loflen, Chad	ES	RR	6
06/01/11	Loflen, Chad	ES	IC	2
06/01/11	Carlisle, Craig	SEG	EO	4
06/01/11	Melbourn, Frank	WRCE	RR	4
06/01/11	Griffey, Beatrice	EG	RR	2.5
06/01/11	Rodriguez, Vicente	WRCE	EO	4.5
06/01/11	Odermatt, John	SEG	EO	1.5
06/02/11	Becker, Eric	WRCE	EO	8
06/02/11	Rodriguez, Vicente	WRCE	EO	4.5
06/02/11	Melbourn, Frank	WRCE	WC	2
06/02/11	Carlisle, Craig	SEG	EO	3
06/02/11	Becker, Eric	WRCE	EO	8
06/02/11	Loflen, Chad	ES	IC	2
06/02/11	Melbourn, Frank	WRCE	RR	2
06/02/11	Loflen, Chad	ES	RR	6
06/03/11	Carlisle, Craig	SEG	EO	3
06/03/11	Alo, Tom	WRCE	EO	4.5
06/03/11	Melbourn, Frank	WRCE	WC	3
06/03/11	Chan, Julie	SR.EG	EO	3
06/06/11	Alo, Tom	WRCE	EO	4
06/06/11	Odermatt, John	SEG	IC	0.5
06/06/11	Carlisle, Craig	SEG	EO	4
06/06/11	Quach, Dat	WRCE	EO	4
06/06/11	Melbourn, Frank	WRCE	WC	3.75
06/06/11	Rodriguez, Vicente	WRCE	EO	4.5
06/07/11	Melbourn, Frank	WRCE	WC	4
06/07/11	Carlisle, Craig	SEG	EO	4
06/07/11	Quach, Dat	WRCE	EO	4
06/07/11	Loflen, Chad	ES	IC	2
06/07/11	Loflen, Chad	ES	RR	6
06/07/11	Alo, Tom	WRCE	EO	4.5
06/07/11	Odermatt, John	SEG	EO	0.5
06/07/11	Griffey, Beatrice	EG	ADM	3
06/07/11	Rodriguez, Vicente	WRCE	EO	4.5
06/08/11	Becker, Eric	WRCE	EO	8
06/08/11	Becker, Eric	WRCE	EO	8
06/08/11	Griffey, Beatrice	EG	ADM	6
06/08/11	Melbourn, Frank	WRCE	WC	4
06/08/11	Carlisle, Craig	SEG	EO	3
06/08/11	Chan, Julie	SR.EG	EO	3
06/08/11	Rodriguez, Vicente	WRCE	EO	4.5
06/08/11	Quach, Dat	WRCE	EO	4
06/08/11	Alo, Tom	WRCE	EO	4.5
06/08/11	Odermatt, John	SEG	EO	1.5
06/09/11	Odermatt, John	SEG	IC	2
06/09/11	Rodriguez, Vicente	WRCE	EO	4.5
06/09/11	Becker, Eric	WRCE	EO	4
06/09/11	Griffey, Beatrice	EG	ADM	7
06/09/11	Melbourn, Frank	WRCE	WC	4

06/09/11	Carlisle, Craig	SEG	EO	4
06/09/11	Loflen, Chad	ES	IC	2
06/09/11	Loflen, Chad	ES	RR	3
06/09/11	Becker, Eric	WRCE	EO	4
06/09/11	Barker, David	SUWRCE	EO	4
06/09/11	Alo, Tom	WRCE	EO	4.5
06/10/11	Loflen, Chad	ES	RR	6.5
06/10/11	Melbourn, Frank	WRCE	WC	3.5
06/10/11	Carlisle, Craig	SEG	EO	4
06/10/11	Becker, Eric	WRCE	EO	8
06/10/11	Quach, Dat	WRCE	EO	2
06/10/11	Becker, Eric	WRCE	EO	8
06/10/11	Loflen, Chad	ES	IC	1.5
06/10/11	Alo, Tom	WRCE	EO	4.5
06/13/11	Becker, Eric	WRCE	EO	8
06/13/11	Becker, Eric	WRCE	EO	8
06/13/11	Melbourn, Frank	WRCE	WC	4
06/13/11	Carlisle, Craig	SEG	EO	4
06/13/11	Rodriguez, Vicente	WRCE	EO	4.5
06/14/11	Odermatt, John	SEG	EO	1
06/14/11	Carlisle, Craig	SEG	EO	4
06/14/11	Chan, Julie	SR.EG	EO	4
06/14/11	Melbourn, Frank	WRCE	WC	4
06/14/11	Rodriguez, Vicente	WRCE	EO	4.5
06/14/11	Barker, David	SUWRCE	EO	4
06/14/11	Odermatt, John	SEG	EO	2
06/14/11	Loflen, Chad	ES	RR	8
06/15/11	Becker, Eric	WRCE	EO	8
06/15/11	Alo, Tom	WRCE	EO	4.5
06/15/11	Barker, David	SUWRCE	EO	4
06/15/11	Melbourn, Frank	WRCE	RR	4
06/15/11	Odermatt, John	SEG	IC	2.5
06/15/11	Rodriguez, Vicente	WRCE	EO	4.5
06/15/11	Becker, Eric	WRCE	EO	8
06/16/11	Loflen, Chad	ES	RR	4
06/16/11	Odermatt, John	SEG	IC	1
06/16/11	Loflen, Chad	ES	EO	4
06/16/11	Alo, Tom	WRCE	EO	4.5
06/16/11	Barker, David	SUWRCE	EO	4
06/16/11	Carlisle, Craig	SEG	EO	3
06/17/11	Carlisle, Craig	SEG	EO	4
06/17/11	Odermatt, John	SEG	IC	0.5
06/17/11	Alo, Tom	WRCE	EO	4.5
06/17/11	Barker, David	SUWRCE	EO	4
06/17/11	Odermatt, John	SEG	IC	1
06/20/11	Chan, Julie	SR.EG	EO	3.5
06/20/11	Odermatt, John	SEG	EO	1.5
06/20/11	Melbourn, Frank	WRCE	RR	2.5
06/20/11	Alo, Tom	WRCE	EO	4
06/20/11	Busse, Lillian	ES	RR	4
06/20/11	Carlisle, Craig	SEG	EO	4
06/21/11	Alo, Tom	WRCE	EO	4.5
06/21/11	Melbourn, Frank	WRCE	RR	4

06/21/11	Carlisle, Craig	SEG	EO	3
06/21/11	Chan, Julie	SR.EG	EO	5
06/22/11	Loflen, Chad	ES	EO	5.5
06/22/11	Komeylyan, Chehreh	WRCE	RR	5
06/22/11	Becker, Eric	WRCE	EO	8
06/22/11	Alo, Tom	WRCE	EO	4.5
06/22/11	Becker, Eric	WRCE	EO	8
06/22/11	Carlisle, Craig	SEG	EO	4
06/23/11	Komeylyan, Chehreh	WRCE	RR	5
06/23/11	Becker, Eric	WRCE	EO	8
06/23/11	Rodriguez, Vicente	WRCE	EO	2.5
06/23/11	Melbourn, Frank	WRCE	RR	1
06/23/11	Carlisle, Craig	SEG	EO	4
06/23/11	Loflen, Chad	ES	EO	8
06/23/11	Becker, Eric	WRCE	EO	8
06/23/11	Chan, Julie	SR.EG	EO	7
06/24/11	Carlisle, Craig	SEG	EO	4
06/27/11	Carlisle, Craig	SEG	EO	4
06/27/11	Loflen, Chad	ES	EO	8
06/27/11	Melbourn, Frank	WRCE	RR	2
06/27/11	Odermatt, John	SEG	RR	1.5
06/27/11	Rodriguez, Vicente	WRCE	EO	4.5
06/27/11	Smith, James	EO	EO	8
06/27/11	Busse, Lillian	ES	RR	4
06/28/11	Odermatt, John	SEG	IC	0.75
06/28/11	Melbourn, Frank	WRCE	IC	0.5
06/28/11	Melbourn, Frank	WRCE	RR	3.5
06/28/11	Becker, Eric	WRCE	EO	8
06/28/11	Rodriguez, Vicente	WRCE	EO	4.5
06/28/11	Carlisle, Craig	SEG	EO	4
06/28/11	Becker, Eric	WRCE	EO	8
06/28/11	Busse, Lillian	ES	RR	2
06/29/11	Melbourn, Frank	WRCE	IC	0.5
06/29/11	Rodriguez, Vicente	WRCE	EO	4.5
06/29/11	Loflen, Chad	ES	EO	8
06/29/11	Carlisle, Craig	SEG	EO	4
06/29/11	Melbourn, Frank	WRCE	RR	3.5
06/29/11	Smith, James	EO	EO	2
06/29/11	Alo, Tom	WRCE	EO	4.5
06/30/11	Alo, Tom	WRCE	EO	4.5
06/30/11	Carlisle, Craig	SEG	EO	4
06/30/11	Rodriguez, Vicente	WRCE	EO	4.5
06/30/11	Becker, Eric	WRCE	EO	8
06/30/11	Becker, Eric	WRCE	EO	8
06/30/11	Melbourn, Frank	WRCE	RR	2.5

TOTAL HOURS: 960.38

TOTAL HOURS: 960.38

TOTAL LABOR CHARGES	\$58,042.18
TRAVEL EXPENSES:	\$0.00
EQUIPMENT:	\$0.00
CONTRACT CHARGES:	\$0.00
OVERHEAD:	\$33,147.80
STATE BOARD PROGRAM ADMIN CHARGE:	\$3,790.74
REGIONAL BOARD PROGRAM ADMIN CHARGE:	\$985.00
TOTAL NEW CHARGES:	\$95,965.72

Please be advised that the billing period for this invoice may not reflect all hourly charges due to time con:

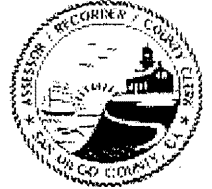
ACTIVITY CODES AND DESCRIPTIONS (ACT)

- RR - Report review (e.g., Work plan, site assessment, remediation and monitoring reports)
- SI - Site inspections
- TC - Technical consultation (e.g., meetings/telephone conversations with RP or representative)
- EO - Preparation of enforcement order
- WC - Written correspondence to the RP or representative
- IC - Internal RB communication regarding specific sites, memos, meetings, phone calls, etc.
- ADM - Administrative billing inquiries/disputes
- EST - Preparation of estimation letter
- ADJ - Adjustment to previous Invoices
- CP - Contract Payment
- SC - Staff Counsel - Legal consultation

CEQA



Ernest J. Dronenburg, Jr.
COUNTY OF SAN DIEGO
ASSESSOR/RECORDER/COUNTY CLERK



ASSESSOR'S OFFICE

1600 Pacific Highway, Suite 103
 San Diego, CA 92101-2480
 Tel. (619) 236-3771 * Fax (619) 557-4056

www.sdarcc.com

RECORDER/COUNTY CLERK'S OFFICE

1600 Pacific Highway, Suite 260
 P.O. Box 121750 * San Diego, CA 92112-1750
 Tel. (619)237-0502 * Fax (619)557-4155

Transaction #: 257095320110921
 Deputy: VESQUIVE
 Location: COUNTY ADMINISTRATION BUILDING
 21-Sep-2011 08:13

FEES:

50.00	Qty of 1 Fish and Game Filing Fee for Ref# NOA
50.00	TOTAL DUE

PAYMENTS:

50.00	Check
50.00	TENDERED

**SERVICES AVAILABLE AT
OFFICE LOCATIONS**

- * Tax Bill Address Changes
- * Records and Certified Copies:
 Birth/ Marriage/ Death/ Real Estate
- * Fictitious Business Names (DBAs)
- * Marriage Licenses and Ceremonies
- * Assessor Parcel Maps
- * Property Ownership
- * Property Records
- * Property Values
- * Document Recordings

SERVICES AVAILABLE ON-LINE AT

www.sdarcc.com

- * Forms and Applications
- * Frequently Asked Questions (FAQs)
- * Grantor/ Grantee Index
- * Fictitious Business Names Index (DBAs)
- * Property Sales
- * On-Line Purchases
 - Assessor Parcel Maps
 - Property Characteristics
 - Recorded Documents