COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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IN REPLY PLEASE
REFER TO FILE: WM-5

August 5, 2004

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, CA 90012

Dear Supervisors:

ACCEPT THE WETLANDS RECOVERY PROJECT GRANT FROM THE CALIFORNIA COASTAL CONSERVANCY FOR THE DEFOREST AND DOMINGUEZ GAP WETLANDS PROJECT
SUPERVISORIAL DISTRICT 4
3 VOTES

IT IS RECOMMENDED THAT YOUR BOARD ACTING AS THE GOVERNING BODY OF THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT:

1. Accept the Wetlands Recovery Project Grant in the amount of $400,000 from the California Coastal Conservancy to partially fund the preliminary design plans and environmental documentation for the DeForest and Dominguez Gap Wetlands Project.

2. Authorize the Chief Engineer of the Flood Control District, or his designee, to conduct business with the California Coastal Conservancy on any and all matters related to this grant, including executing a grant agreement substantially similar to the agreement presented in Attachment A, and to sign any amendments and requests for disbursement for and on behalf of the District.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

This grant will be used to partially fund the preparation of preliminary design plans and specifications, and environmental documentation for the DeForest and Dominguez Gap Wetlands Project. The project includes developing extensive treatment wetlands, enhancing groundwater and water supply reuse, and establishing public use open space. The project is located in the City of Long Beach adjacent to the Los Angeles River.

The District and the City of Long Beach completed separate feasibility studies for the Dominguez Gap and DeForest sites in 2001 and 2002, respectively. The studies concluded that the project areas could be modified to allow a continuous flow of water to create year-round aquatic habitat for native wetland and riparian woodland plant species, enhance groundwater recharge, and treat water from the Los Angeles River to a level suitable for landscape irrigation. Conceptual plans were developed to enhance existing trails and access points, and construct new public use facilities to support recreational activities, such as bird watching, nature study, hiking, cycling, horseback riding, and environmental education activities.

The studies involved a diverse stakeholder group that included jurisdictional, resource, and regulatory agencies; environmental groups; political representatives; and local residents. Community meetings were held to gather input from the public and present the findings from the studies. The stakeholders worked closely together during the development of conceptual plans for the project which has strong support from the City of Long Beach and residents in the area. The District also has support from the California Coastal Conservancy and the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy for this project.

Implementation of Strategic Plan Goals

This action is consistent with the County's Strategic Plan Goal of Fiscal Responsibility because this grant would fund a portion of the total cost of the DeForest and Dominguez Gap Wetlands Project. Completing the preliminary design and environmental documentation phases concurrently for these two sites provides an efficient and cost-effective approach to this project.

FISCAL IMPACT/FINANCING

There will be no impact to the County's General Fund. The $400,000 in funding from the California Coastal Conservancy will be utilized to partially fund completion of

preliminary design plans and environmental documentation for the DeForest and Dominguez Gap Wetlands Project. The total cost of preliminary design plans and environmental documentation is estimated at $850,000. The District will contribute $250,000 towards this effort. Although a specific amount is not required as matching funds for this grant, the District's contribution provides a more competitive project for funding consideration. The remaining cost of $200,000 for preliminary design plans and environmental documentation is being reimbursed through another grant source that was accepted by your Board on October 30, 2003.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

On July 11, 2000, your Board approved guidelines to be followed in the acceptance of any State and Federal grants of $100,000 or more. These guidelines include a requirement that the County departments prepare a Grant Management Statement for your review prior to the departments carrying out the activities covered under the grant. Accordingly, the Grant Management Statement for this grant is enclosed for your review.

The Grant Management Statement for this grant has been prepared using the guidelines established by the Chief Administrative Office and your Board.

Delegating authority to the Chief Engineer of the District, or his designee, to act as an agent for the District when conducting business with the California Coastal Conservancy on items related to this grant will streamline the project delivery process. Your action will allow the grant agreement to be executed by the Chief Engineer, or his designee, in his role as an agent for the District.

ENVIRONMENTAL DOCUMENTATION

A finding of environmental impact is not required for acceptance of this grant funding. The grant will be used to fund the preparation of all documentation required by the California Environmental Quality Act for this project. The District will return to your Board for an environmental finding at the appropriate time as required by the California Environmental Quality Act.

CONTRACTING PROCESS

Not applicable.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

There will be no negative impact on current services.

CONCLUSION

Please return three approved copies of this letter to Public Works.

Respectfully submitted,

DONALD L. WOLFE
Interim Director of Public Works

DBS:sv
P:\wmpub\LAR Watershed\dbs\CoastalConservancyBL2.doc

Enc.

cc: Chief Administrative Office
County Counsel
City of Long Beach Parks, Recreation, and Marine (Dennis Eschen)

Los Angeles County Chief Administrative Office

Grant Management Statement for Grants $100,000 or More

Department: Public Works

Grant Project Title and Description

DeForest and Dominguez Gap Wetlands Project – This project proposes to modify the Dominguez Gap Spreading Grounds and Market Street Detention Basin (DeForest Basin) to create treatment wetlands, improve habitat and water quality, provide for groundwater recharge, and create passive recreational facilities.

Funding Agency	Program (Fed. Grant #/State Bill or Code #)	Grant Acceptance Deadline
California Coastal Conservancy	N/A	N/A

Total Amount of Grant Funding: $400,000	**County Match: $250,000**	
Grant Period: Approx 1.5 Years	**Begin Date: 07-15-2004**	**End Date: 03-30-2006**
Number of Personnel Hired Under This Grant: 0	**Full Time:**	**Part Time:**

Obligations Imposed on the County When the Grant Expires

Will all personnel hired for this program be informed this is a grant-funded program?	N/A	
Will all personnel hired for this program be placed on temporary ("N") items?	N/A	
Is the County obligated to continue this program after the grant expires?	Yes___	No_X_
If the County is not obligated to continue this program after the grant expires, the Department will:		
a.) Absorb the program cost without reducing other services	Yes___	No_X_
b.) Identify other revenue sources (describe below) Prop 13 CALFED Drinking Water Quality Program Grant		
c.) Eliminate or reduce, as appropriate, positions/program costs funded by the grant.	Yes_X_	No___

Impact of additional personnel on existing space:

None.

Other requirements not mentioned above:

This grant funds the design and environmental documentation for this project. No ongoing funding is required.

Department Head Signature K T Sasaki Date: 8/4/04

ATTACHMENT A

SCOPE OF AGREEMENT

Pursuant to Chapter 6 of Division 21 of the California Public Resources Code, the State Coastal Conservancy ("the Conservancy") hereby grants to the Los Angeles County Flood Control District ("the grantee") a sum not to exceed four hundred thousand dollars ($400,000), subject to the terms and conditions of this agreement. These funds shall be used by the grantee to prepare a preliminary design and environmental review ("the project") for the DeForest and Dominguez Gap Wetlands Project along the Los Angeles River in the City of Long Beach, as shown on Exhibit A, which is incorporated by reference and attached. The preliminary design and environmental review shall be adequate to proceed to final design and construction in the Market Street Basin (also known as DeForest) and Dominguez Gap Spreading Grounds along the Los Angeles River.

(Continued on following pages)

SCOPE OF AGREEMENT (Continued)

The preliminary design will incorporate open water, wetland, riparian, and scrub habitats, water quality improvement, and public access facilities. The grantee shall prepare plans, specifications, schedule and cost estimates as part of the design at least to the 30 percent design level. Once the design provides sufficient detail, the grantee shall undertake environmental review to satisfy requirements of the California Environmental Quality Act.

The grantee shall carry out the project in accordance with this agreement and a work program to be approved by the Executive Officer of the Conservancy ("the Executive Officer") pursuant to this agreement. The grantee shall provide two hundred fifty thousand dollars ($250,000) and any funds beyond those granted under this agreement which are needed to complete the project.

CONDITIONS PRECEDENT TO DISBURSEMENT

The Conservancy shall not be obligated to disburse any funds under this agreement unless and until the following conditions precedent have been met:

1. A resolution has been adopted by the Board of Supervisors of the grantee authorizing the execution of this agreement and approving its terms and conditions.

2. The Executive Officer has approved in writing:

    a. The work program for the project.

    b. All contractors that the grantee intends to employ in connection with the project.

TERM OF AGREEMENT

This agreement shall be deemed executed and effective when signed by both parties and received in the office of the Conservancy together with the resolution described in the "CONDITIONS PRECEDENT TO DISBURSEMENT" section of this agreement. An authorized representative of the grantee shall sign the first page of the originals of this agreement in ink.

This agreement shall run from its effective date through June 30, 2006 ("the termination date") unless otherwise terminated or amended as provided in this agreement. However, all work shall be completed by March 30, 2006 ("the completion date").

AUTHORIZATION

The signature of the Executive Officer of the Conservancy on this agreement certifies that at its March 25, 2004 meeting, the Conservancy adopted the resolution included in the staff recommendation attached as Exhibit B. This agreement is executed pursuant to that authorization.

Standard Provisions

WORK PROGRAM

Prior to the Conservancy disbursing funds for the project, the grantee shall submit a detailed work program to the Executive Officer for review and written approval as to its consistency with the terms of this agreement. The Conservancy hereby approves the initial work program dated June 22, 2004 attached as Exhibit C. The initial work program includes, and any additional work programs shall include:

1. The specific tasks to be performed.

2. A schedule of completion for the project, specifically listing the completion date for each project component and a final project completion date.

3. A detailed project budget. The project budget shall describe all labor and materials costs to be incurred to complete each component of the project. For each project component, the project budget shall list all intended funding sources including the Conservancy's grant, the grantee's required contribution and all other sources of monies, material, or labor.

If any part of the project to be funded under this agreement and not addressed in Exhibit C will be performed by third parties ("contractors") under contract with the grant, then the grantee shall, prior to initiating any request for contractor bids, submit the bid package for review and written approval of the Executive Officer. Upon approval of the Executive Officer, the grantee shall proceed with the bidding process. Prior to final selection, the grantee shall submit to the Executive Officer for written approval the names of all contractors that the grantee intends to hire. The grantee shall then comply with the above paragraph regarding submission and approval of a work program prior to implementation.

The work program shall have the same effect as if included in the text of this agreement. However, the work program may be modified without amendment of this agreement upon the grantee's submission of a modified work program and the Executive Officer's written approval of it. If this agreement and the work program are inconsistent, the agreement shall control.

The grantee shall carry out the project in accordance with the approved work program.

COORDINATION AND MEETINGS

The grantee shall coordinate closely with Conservancy staff and other involved entities, including local, state and federal agencies, and shall participate in meetings and other communications as necessary to ensure coordination.

RIGHTS IN WORK PRODUCTS

All data, information, plans, drawings, specifications, reports, computer programs, manuals, notes, methodologies, models, inventions and all other written or graphic work produced and delivered in the performance of this agreement are subject to the rights of the Conservancy as provided in this section. The Conservancy shall have the unqualified and unconditional right to reproduce, publish, display and use all such work, or any part of it, in any manner and for any purposes, and to authorize others to do so. If any such work is subject to copyright, the Conservancy reserves a perpetual, royalty-free, nonexclusive and irrevocable license to utilize, reproduce, publish, use in the creation of derivative works, and publicly display and perform the work, or any part of it, and to grant to any third party a comparable and coextensive sub-license.

The grantee shall not utilize the work produced and delivered in the performance of this agreement for any profit-making venture or knowingly sell or grant rights to a third party who intends to do so.

The grantee shall include in any contract with a contractor for work under this agreement terms that preserve the rights, interests and obligations created by this section, and that identify the Conservancy as a third-party beneficiary of those provisions.

COSTS AND DISBURSEMENTS

Upon determination by the Conservancy that all "CONDITIONS PRECEDENT TO DISBURSEMENT" have been fully met, the Conservancy shall disburse to the grantee, in accordance with the approved project budget, a total amount not to exceed the amount of this grant, as follows:

Disbursements shall be made on the basis of costs incurred to date, less ten percent, upon the grantee's satisfactory progress in accordance with the approved work program and upon submission of a "Request for Disbursement" form, which shall be submitted no more frequently than monthly but no less frequently than quarterly. Disbursement of the ten percent withheld shall be made upon (1) the grantee's satisfactory completion of the project, compliance with the "PROJECT COMPLETION" section of this agreement, and submission of a fully executed final "Request for Disbursement" form; and (2) the Conservancy's acceptance of the project.

The grantee shall request disbursements by filing with the Conservancy fully executed "Request for Disbursement" forms (available from the Conservancy). The grantee shall include in the forms its name and address, the number of this agreement, the date of the submission, the amount of the invoice, the period during which the work was actually done, and an itemized description, including time, materials, and expenses incurred, of all work done for which disbursement is requested. The forms shall also indicate cumulative expenditures to date, expenditures during the reporting period, and the unexpended balance of funds under the grant agreement.

COSTS AND DISBURSEMENTS (Continued)

The forms shall be signed by an authorized representative of the grantee. Each form shall be accompanied by any receipts and supporting invoices or other source documents from contractors that the grantee engaged to complete any portion of the work funded under this agreement, and by written substantiation of completion of the portion of the project for which disbursement is requested. With each form, the grantee shall submit a supporting progress report summarizing the current status of the work and comparing it to the status required by the work program (budget, timeline, tasks, etc.). Failure to fully execute and submit a Request for Disbursement form, including attachment of supporting documents, will relieve the Conservancy of its obligation to disburse funds to the grantee unless and until all deficiencies are rectified.

EXPENDITURE OF FUNDS AND ALLOCATION OF FUNDING AMONG BUDGET ITEMS

The grantee shall expend funds in the manner described in the approved project budget. The allocation of the Conservancy's total grant among the items in the project budget may vary by as much as ten percent without approval by the Executive Officer. Any difference of more than ten percent must be approved in writing by the Executive Officer. The Conservancy may withhold payment for changes in particular budget items which exceed the amount allocated in the project budget by more than ten percent and which have not received the approval required above. The total amount of this grant may not be increased except by amendment to this agreement. Any increase in the funding for any particular budget item shall mean a decrease in the funding for one or more other budget items unless there is a written amendment to this agreement.

PROJECT COMPLETION

The grantee shall complete the project by the completion date provided in the "TERM OF AGREEMENT" section, above. Upon completion of the project, the grantee shall supply the Conservancy with evidence of completion by submitting: (1) the preliminary design, environmental review documents, and any other work products specified in the work program for the project; and (2) a fully executed final "Request for Disbursement" form. Within thirty days of grantee's compliance with this paragraph, the Conservancy shall determine whether the project has been satisfactorily completed. If the Conservancy determines that the project has been satisfactorily completed, the Conservancy shall issue to the grantee a letter of acceptance of the project. The project shall be deemed complete as of the date of the letter of acceptance.

EARLY TERMINATION AND FAILURE TO PERFORM

Prior to the completion of the project, either party may terminate this agreement for any reason by providing the other party with seven days notice in writing.

If the Conservancy terminates the agreement prior to the completion of the project, the grantee shall take all reasonable measures to prevent further costs to the Conservancy under this agreement, and the Conservancy shall be responsible for any reasonable and non-cancelable obligations incurred by the grantee in the performance of this agreement prior to the date of the notice to terminate, but only up to the undisbursed balance of funding authorized in this agreement.

If the grantee fails to complete the project in accordance with this agreement, or fails to fulfill any other obligations of this agreement prior to the termination date, the grantee shall be liable for immediate repayment to the Conservancy of all amounts disbursed by the Conservancy under this agreement. The Conservancy may, at its sole discretion, consider extenuating circumstances and not require repayment for work partially completed. This paragraph shall not be deemed to limit any other remedies the Conservancy may have for breach of this agreement.

LIABILITY

The grantee shall be responsible for, indemnify and save harmless the Conservancy, its officers, agents and employees, from any and all liabilities, claims, demands, damages or costs resulting from, growing out of, or in any way connected with or incident to this agreement, except for active negligence of the Conservancy, its officers, agents or employees. The duty of the grantee to indemnify and save harmless includes the duty to defend as set forth in Civil Code Section 2778. This agreement supersedes the grantee's right as a public entity to indemnity (see Gov. Code Section 895.2) and contribution (see Gov. Code Section 895.6) as set forth in Gov. Code Section 895.4.

The grantee waives any and all rights to any type of express or implied indemnity or right of contribution from the State, its officers, agents or employees, for any liability resulting from growing out of, or in any way connected with or incident to this agreement.

Nothing in this agreement is intended to create in the public or any member of it rights as a third party beneficiary under this agreement.

AUDITS/ACCOUNTING/RECORDS

The grantee shall maintain financial accounts, documents, and records (collectively, "records") relating to this agreement, in accordance with the guidelines of "Generally Accepted Accounting Practices" ("GAAP") published by the American Institute of Certified Public Accountants. The records shall include, without limitation, evidence sufficient to reflect properly the amount, receipt, deposit, and disbursement of all funds related to work under the agreement. Time and effort reports are also required. The grantee shall maintain adequate supporting records in a manner that permits tracing from the request for disbursement forms to the accounting records and to the supporting documentation.

Additionally, the Conservancy or its agents may review, obtain, and copy all records relating to performance of the agreement. The grantee shall provide the Conservancy or its agents with any relevant information requested and shall permit the Conservancy or its agents access to the grantee's premises upon reasonable notice, during normal business hours, to interview employees and inspect and copy books, records, accounts, and other material that may be relevant to a matter under investigation for the purpose of determining compliance with this agreement and any applicable laws and regulations.

The grantee shall retain the required records for a minimum of three years following final disbursement by the Conservancy. The records shall be subject to examination and audit by the Conservancy and the Bureau of State Audits during the retention period.

If the grantee retains any contractors to accomplish any of the work of this agreement, the grantee shall first enter into an agreement with each contractor requiring the contractor to meet the terms of this section and to make the terms applicable to all subcontractors.

The Conservancy may disallow all or part of the cost of any activity or action that it determines to be not in compliance with the requirements of this agreement.

COMPUTER SOFTWARE

The grantee certifies that it has instituted and will employ systems and controls appropriate to ensure that, in the performance of this contract, state funds will not be used for the acquisition, operation or maintenance of computer software in violation of copyright laws.

NONDISCRIMINATION

During the performance of this agreement, the grantee and its contractors shall not unlawfully discriminate against, harass, or allow harassment against any employee or applicant for employment because of sex, race, religion, color, national origin, ancestry, disability, medical condition, marital status, age (over 40) or denial of family-care leave, medical-care leave, or pregnancy-disability leave. The grantee and its contractors shall ensure that the evaluation and treatment of their employees and applicants for employment are free of such discrimination and harassment. The grantee and its contractors shall comply with the provisions of the Fair Employment and Housing Act (Government Code Section 12900 et seq.) and the applicable regulations (California Code of Regulations, Title 2, Section 7285.0 et seq.). The regulations of the Fair Employment and Housing Commission regarding Contractor Nondiscrimination and Compliance (Chapter 5 of Division 4 of Title 2 of the California Code of Regulations), are incorporated into this agreement. The grantee and its contractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement. This nondiscrimination clause shall be included in all contracts and subcontracts entered into to perform work provided for under this agreement.

INDEPENDENT CAPACITY

The grantee, and the agents and employees of the grantee, in the performance of this agreement, shall act in an independent capacity and not as officers or employees or agents of the State of California.

ASSIGNMENT

Without the written consent of the State, this agreement is not assignable by the grantee in whole or in part.

TIMELINESS

Time is of the essence in this agreement.

EXECUTIVE OFFICER'S DESIGNEE

The Executive Officer shall designate a Conservancy project manager who shall have authority to act on behalf of the Executive Officer with respect to this agreement. The Executive Officer shall notify the grantee of the designation in writing.

AMENDMENT

Except as expressly provided in this agreement, no change in this agreement shall be valid unless made in writing and signed by the parties to the agreement. No oral understanding or agreement not incorporated in this agreement shall be binding on any of the parties.

LOCUS

This agreement is deemed to be entered into in the County of Alameda.

Attachment 1

to

Work Program for Dominguez and DeForest Wetlands Project

Per

Grant Agreement 03-167

between California State Coastal Conservancy and

Los Angeles County Flood Control District

8.2.5 Standard Services

CH2MHILL will provide the service deliverables for the project as outlined in our Scope of Services in accordance with the approach detailed below.

Scope of Services

1. Preliminary Design Phase

1.1 Kickoff Meeting with Technical Advisory Committee (TAC)

Upon receipt of the Notice to Proceed, CH2M HILL will coordinate and host a kick-off meeting with the Los Angeles County Department of Public Works (Public Works) Project Management and the Technical Advisory Committee (TAC) at the Public Works Headquarters. The meeting will provide a setting to introduce the TAC and project team, and review project administrative requirements. Topics for the meeting shall include project background, goals, scope, schedule, information needs, deliverables, reviews, design standards, specification and drawing formats, lines of communication, and other project related items. CH2M HILL will prepare an agenda for this meeting, a brief presentation (compiled from existing presentation materials) to provide background information on the restoration sites and the previous studies, and pertinent maps and figures of the sites.

CH2M HILL is assuming that the TAC will include, as a minimum, representatives from Public Works (Design, Construction, Water Resources, Survey and Maintenance Divisions), the City of Long Beach, and the Coastal Conservancy. Active participation and timely review from these groups will be integral to completing this project on schedule. Public Works shall be responsible for maintaining this participation and review.

The CH2M HILL team attending the meeting will include the CH2M HILL project manager, project engineer, environmental documentation task lead, and wetland task lead.

CH2M HILL will prepare a meeting summary and list of action items and decisions. Follow-up for completion of Public Works and TAC member action items shall be the responsibility of the Public Works Project Manager. CH2M HILL will distribute electronic copies of the summary and action item list to the TAC members and other attendees.

1.2 Project Review

1.2.1 County and City Documentation

CH2M HILL will contact Public Works staff to confirm that the latest Public Works design guidelines, manuals, CAD requirements, reports, design software, example sheets and other necessary documents are in-house. Public Works is to provide information on any updated or missing guidelines, manuals, CAD requirements, reports, design software, example sheets, and other necessary documents as requested by CH2M HILL before the start of Task 2 – 30 Percent Design.

CH2M HILL will also contact the City of Long Beach for pertinent codes, guidelines, manuals, and other necessary documents.

1.2.2 Related Studies

During the Dominguez Gap and Deforest Park Feasibility Studies, CH2M HILL collected available information on the habitat, water quality, hydrology, geology and soils, geomorphology, utilities, transportation structures, recreation uses, and flood control function associated with each site. The CH2M HILL team will review and verify this data, identify key data gaps, and note any informational discrepancies.

The following information sources are currently available within CH2MHILL project reference data base:

- Background reports completed by the USACE
- As-built plans and specifications for the detention basins and pump stations
- Environmental Enhancement and Mitigation Program landscaping and irrigation plans
- Large scale aerial photographs and for DeForest Park, 1-foot contour
- As-built plans for the City Storm Drain Lines
- Water quality and flow data from storm drains and the Los Angeles River
- Existing biological resources and vegetation types
- Habitat reference sites and other restoration project sites
- Historical habitat conditions and appropriate plant palettes
- Soils, groundwater, and regional geology data
- Land use in the project vicinity
- Existing coverage in local GIS databases
- Web pages and online data summaries
- Database search of contaminant sites in the area
- Dominguez Gap Spreading Grounds Wetlands/Recreation Study

- Potential project regulatory requirements and constraints
- Long Beach RiverLink: Connecting City to River, San Pedro Bay Estuary Project, 2003

CH2M HILL will also contact Public Works staff and TAC members to determine if other reports or information may be available.

1.2.3 Soils and Groundwater Data

As part of the previous reports, CH2M HILL has obtained soils and groundwater data that pertain to the sites. In addition, recent studies by the Water Replenishment District of Southern California on the Dominguez Gap Spreading Grounds have increased the available information on that site since the Feasibility Study was first conducted in 2000. The report incorporates the findings of recent subsurface investigations, aquifer testing, and infiltration testing in the East and West Basins. It is assumed that these results will be sufficient to develop a design for enhanced recharge in the West Basin. However, CH2M HILL will review this data (and any other that may be available in-house) to confirm that it is sufficient for the project tasks. Any additional groundwater data needs identified by CH2M HILL, will be communicated to Public Works. CH2M HILL will also review the existing soil boring locations and data throughout the rest of the site and provide a preliminary estimate of additional borings that may be needed.

A final list of additional soil borings and additional groundwater data requirements will be developed during conceptual design and submitted with the 30 Percent Design Packages (Tasks 2.2. and 2.3) to Public Works for their review and approval. The scope for completing additional borings and preparing the geotechnical report is not included in this task.

Approved additional soil borings and additional groundwater data requirements will be completed by Public Works and supplied to CH2M HILL. As this data is important to the detailed design, it must be authorized and completed before substantial progress can be made on the 30 Percent Design.

1.3 Utility and Right-of-Way Information

Public Works will provide CH2M HILL with all utility and right-of-way information for the project area. CH2M HILL will add these utilities to the topographic survey file for the project area. Right-of-way information will be provided in electronic format in accordance with Public Works standards. CH2M HILL assumes no time for adding right-of-way data to the plans.

1.4 Monthly Progress Meetings

CH2M HILL will meet with the Public Works Project Manager, the TAC members, and other Public Works staff from Watershed Management, Water Resources, Flood Maintenance, Architectural Engineering, Geotechnical and Materials Engineering, and/or the Design Divisions on a monthly basis as a minimum and after completion of draft submittals to track progress and discuss pertinent issues. Based on the Project Schedule, approximately 24 meetings will be required. Agendas will be prepared and submitted approximately one week prior to each meeting date.

The CH2M HILL project manager and/or project engineer will attend these meetings. Related task leads, senior advisors, and support personnel will attend key meetings to discuss the specific aspects of the design. CH2M HILL is assuming that an average of two CH2M HILL personnel total will attend each meeting.

Meeting summaries with the action item and decision list for that meeting will be prepared and submitted electronically to Public Works within one week of the meeting date. CH2M HILL assumes that Public Works will track the action items for follow-up. Follow-up for completion of Public Works and TAC member action items shall be the responsibility of the Public Works Project Manager.

1.5 Project Site Survey

Public Works will provide topographic survey and site specific survey for Dominguez Gap and DeForest areas. The survey shall include all centerline control information required for the project. The survey shall be delivered electronically to CH2M HILL in accordance with Public Works requirements and shall also include the DTM file.

As part of this task, the landscape architect will perform preliminary site reconnaissance.

Task 1 Deliverables

Deliverables for Task 1 are as follows:

- Kickoff Meeting Agenda and Handouts
- Kickoff Meeting Summary and Action Items List
- List of Public Works manuals, guidelines, reports, and other necessary documents to be used for this project.
- List of City of Long Beach manuals, guidelines, reports, and other necessary documents to be used for this project.
- Monthly Meeting Agendas and Handouts
- Monthly Meeting Summary and Action Items List
- Final survey file with existing utilities added. The survey file shall be delivered to CH2M HILL in accordance with Public Works requirements.
- A list of items required to complete the project that are found during the Task 1 Investigation. These items are not considered part of this scope.
- Identify additional borings or groundwater data required.

2. 30 Percent Design

The Design of the Dominguez Gap Treatment Wetlands and Enhanced Recharge project and the Deforest Wetland Restoration Project must be performed synchronously and with a shared personnel to ensure that the designs are truly compatible and responsive to the project intent. This section describes the necessary steps in the design of the two project components, including all those that are shared, and those that are unique to a specific design task.

CH2M HILL will meet (up to 5 additional meetings outside of other meetings outlined in this scope) and coordinate as necessary with the TAC and Public Works personnel including, but not limited to, staff from Watershed Management, Water Resources, Flood Maintenance, Architectural Engineering, Geotechnical and Materials Engineering, and Design Divisions.

CH2M HILL will prepare the project plans using Microstation Version V8 and on Public Works plan sheet templates using the drafting standards listed in the County of Los Angeles Department of Public Works Drafting Manual. Each plan sheet will be signed and sealed in accordance with County requirements.

The design plans shall include the following for each site:

1. Title Sheet (1 for each site, total 2)– – It shall include the project title, general plan, location map, index to project drawings, utilities, and references. The resurfacing plan shall be completed at the 90 percent submittal.

2. General Notes Sheet(1 for each site, total 2)– – The Public Works standard general notes sheet will be edited for the specifics of this project. The Standard Detail List will be included with the 60% Design.

3. Project Key Map Sheet (1 for each site, total 2)– – It shall include sheet references, right-of-way delineation and call-outs, and survey bench mark information. Limits of work and ingress/egress for the project may be included on this sheet if the scale is sufficient. If not then this information will be included on the more detailed, specific site plans only.

4. Civil Grading Sheets – CH2M HILL assumes that the scale for the grading sheets will be 40 scale, which corresponds to approximately 13 sheets for the project (6 for DeForest and 7 for Dominguez Gap). These sheets will include proposed contours and elevations, right-of-way, survey control points, and benchmarks. Weed removal and areas of vegetation to be protected will also be shown or provided in a table.

5. Site Plans Sheets - CH2M HILL assumes that the scale for the Site Utility Sheets will be 40 scale, which corresponds to approximately 13 sheets for the project (6 for DeForest and 7 for Dominguez Gap). These sheets will include proposed onsite piping locations, passive recreation feature locations. CH2M HILL assumes that the majority of the site piping will be shown in plan view only. The invert elevations at key points such as grade changes shall be called out on the plan sheet. The plan view shall also include the existing utilities, right-of-way delineation, and survey control as provided by Public Works.

6. Low Flow Channel Profile Sheets - CH2M HILL assumes that these sheets will include two profiles per sheet and be 40 scale horizontally, which corresponds to approximately seven sheets for the project (3 for DeForest and 4 for Dominguez Gap). These sheets will include proposed hydraulic grade line through the wetlands at normal conditions. It will also show the long sectioned profile of the wetlands including site piping which fall within the section cuts.

7. Detail Sheets - CH2M HILL assumes that there will be approximately 10 detail sheets for the project (6 for DeForest and 4 for Dominguez Gap). These sheets will include any required mechanical, structural, and electrical details, any onsite treatment units and storage facilities, as well as other project details. Electrical conduit will be shown in 60 Percent Design.

8. Passive Recreational Components Sheets will be shown on the Site Plan sheets –Wetlands and Landscaping Planting Plan Sheets – CH2M HILL assumes that the scale for these sheets will be 40 scale, which corresponds to approximately 13 sheets for the project (6 for DeForest and 7 for Dominguez Gap). CH2M HILL also assumes that there will be approximately two additional sheets for each site to provide project details for the planting plan. These sheets will include detail and locations of all wetlands and other planting throughout the site. The plan view shall also include the existing utilities, right-of-way delineation, and survey control.

9. Irrigation Plan Sheets (60 Percent Design) – CH2M HILL assumes that the scale for these sheets will be 40 scale, which corresponds to approximately 13 sheets for the project (6 for DeForest and 7 for Dominguez Gap). CH2M HILL also assumes that there will be approximately three additional sheets for each site to provide project details for the irrigation components. These sheets will include all detail, pipe locations, controller locations, tie-in points for all temporary and permanent irrigation facilities for this project. The plan view shall also include the existing utilities, right-of-way delineation, and survey control.

CH2M HILL will prepare construction specifications in the standard Public Works format using the latest version of Microsoft Word. To the extent that they are available, Public Works will provide electronic copies of all relevant specification sections. The most recent revisions of the Standard Specifications for Public Works Construction (Green Book) and the Department's Additions and Amendments will be utilized. As needed, CH2M HILL may also incorporate specifications from other agencies. CH2M HILL will also prepare all special provisions required for this project.

CH2M HILL will prepare a construction cost estimate in the standard Public Works format using the latest version of Microsoft Excel. Construction quantity calculations will be prepared using Public Works standard bid items, descriptions, and codes.

2.1 Community Outreach

CH2M HILL will attend two public workshops to solicit input from the general public regarding their perceived issues, concerns, problems and goals of the project. CH2M HILL will then incorporate the input into the design.

Our general approach to the first public meeting is to identify and summarize the work done as part of the previous studies, and discuss the current preferred alternative outlined in the previous feasibility studies and as agreed upon with Public Works and the TAC. Some public concerns from the previous studies, such as vector control, would also be addressed. The meeting would then be opened to comments on the proposed alternative and other public concerns.

The approach to the second meeting would be to discuss changes made to the preferred alternative in response to the comments from the first meeting. Responses to other comments and concerns will also be addressed as needed. Comments would be solicited from the group.

In preparation for the first meeting, CH2M HILL will develop site layout figures with the preferred options from the previous reports. These will be submitted to the TAC for review and comments. The comments will then be addressed and final figures for the meeting will be prepared. Along with the figures, a brief two to four page "highlight" description will be provided. Once comments have been received from the first public meeting, the figures and highlight description will be updated for use at the second public meeting. After the second meeting, the final figures and highlight description will be prepared and submitted.

For the meetings, CH2M HILL will provide technical and design experts as necessary to describe the project and address comments. CH2M HILL will prepare presentation materials for these meetings including handouts and full size foam boards of the basin layouts, as directed and approved by the Public Works Project Manager.

A meeting summary will be prepared for each meeting, including a list of public comments, and transmitted to Public Works electronically. CH2M HILL also will prepare responses to the comments from each meeting.

CH2M HILL assumes the County will arrange the meeting location and distribute mailings and publicize the meeting.

2.2 Dominguez Gap Treatment Wetlands and Enhanced Groundwater Recharge Project 30 Percent Design

Based on input from the public meetings, stakeholders, and the TAC, CH2M HILL will develop detailed 30 percent preliminary design plans for the project. The primary purpose for the 30 percent design is to identify the design constraints and parameters for the project as well as set the horizontal locations of facilities. The 30 percent plans will also provide the initial layout of the sheets for early review and comment. CH2M HILL will work closely with Public Works and the TAC to achieve consensus on these design parameters and facility locations.

The design is assumed to be based on previous concepts developed in previous studies and include passive recreational components (Dominguez Gap Recreational Alternative No. 1) and extensive constructed water quality treatment wetlands in the East Basin (Dominguez Gap Wetland Alternative No. 3). The West Basin improvements will include enhanced groundwater recharge and passive recreational facilities, resembling Dominguez Gap Alternative No. 4, combined with recharge elements of Alternative No. 3, and Dominguez Gap Recreational Alternatives No. 1. The project will be designed to connect ecologically to the extent practicable, with the Deforest Wetlands Restoration Project. The design will also include an overflow system to return water from the West Basin to the Los Angeles River, similar to Alternatives No. 2 and 3. Recreational components for the project design will be categorized into Facilities (i.e., trails and site amenities); Public Safety (i.e, emergency response, access control); Interpretive (i.e., topics, storyline, and presentation mode); and Aesthetics (i.e., furnishings style, materials/colors; and art elements). Additional studies and data collection efforts identified in Task 1 are not included in the task descriptions provided below. The need for additional studies will be identified and authorized prior to beginning this task.

Initially work in this task will focus on the basis of design and will include the following:

- Developing wetlands layout and treatment model.
- Updating and/or revisiting options to maintain and enhance groundwater recharge in the West Basin.
- Discussing the groundwater recharge options with the Public Works, TAC, and other agencies to determine the best option to maintain recharge capacity.
- Identifying and discussing options for overflow from the West Basin to the Los Angeles River.
- Confirming West Basin grading, groundwater enhancement, and Los Angeles River Overflow design parameters with Public Works, the TAC, and other stakeholders as needed.
- Confirming East Basin grading, wetland treatment, planting, and irrigation design parameters with Public Works, the TAC, and other stakeholders as needed.
- Preparing 30% plans for grading and planting of the project on the completed survey files from Task 1.
- Discussing and confirming items and locations for recreational components, and developing design parameters. Recreational components for the project design will be categorized into Facilities (i.e., trails and site amenities); Public Safety (i.e., emergency response, access control); Interpretive (i.e., topics, storyline, and presentation mode); and Aesthetics (i.e., furnishings style, materials/colors; and art elements)..

2.3 Deforest Wetlands Restoration Project 30 Percent Design

Based on input from the public meetings, stakeholders, regulatory agencies, and the TAC, CH2M HILL will develop 30 percent design plans for the project. The primary purpose for 30 percent design is to identify the design constraints and parameters for the project.

CH2M HILL will work closely with Public Works and the TAC to achieve consensus on these design parameters.

The plan shall incorporate treatment wetlands, which in conjunction with other treatment processes, will be intended to bring the water quality to California Code of Regulations Title 22 Standards for Reclaimed Water. It shall also include an intake structure from the Los Angeles River, storage for treated water, and a recycled water distribution system to deliver treated water to DeForest Park for irrigation use. Passive recreational components described in the project background shall be included. The Design shall also complement, to the extent possible, the Dominguez Gap Treatment Wetlands and Enhanced Groundwater Recharge Project.

Initially work in this task will focus on the basis of design and will include the following:

- Identifying/revisiting options to meet the treatment requirements for Title 22 recycled water. CH2M HILL is assuming that the treatment process will include filtration and disinfection processes that will complement wetland performance. CH2M HILL will provide a general evaluation of up to 3 different systems. These systems will be ranked according to an agreed upon criteria and reduced to the final alternatives. Information on construction cost, footprint, operation, maintenance, and aesthetics will be provided along with a final recommendation for these three alternatives. Approval of the final system must be received before the beginning of Task 4.
- Revisiting ideas to complement the two sites and identifying the possible benefits and impacts to the project.
- Identifying and discussing options for diversion from the Los Angeles River to the North Basin. CH2M HILL is assuming that two meetings with the Corps will be required as part of this task.
- Identifying water needs to sustain the wetlands and use of the Los Angeles River as a source for the water.
- Confirming grading, wetland treatment, planting, and irrigation design parameters with Public Works, the TAC, and other stakeholders as needed.
- Preparing 30% plans for grading and planting of the project on the completed survey files from Task 1.
- Discussing and confirming items and locations for recreational components and developing design parameters.
- Identifying possible locations and options for the recycled water storage facilities.

Deliverables

CH2M HILL will work closely with Public Works and the TAC to achieve consensus on assumptions, modeling and calculations included in the basis of design. The assumptions, calculations, and results will be summarized in a Basis of Design Report (BDR). Draft 1 of the BDR will be submitted for review at the completion of the 30 percent design task. Subsequent drafts and updates will be included with the other design submittals in Task 4.

As the calculations and modeling and preliminary design tasks are being completed, CH2M HILL will begin work on the 30 percent plans. In general, the purpose of the 30 percent design plans is to show horizontal location of existing and future facilities, right-of-way information, and provide preliminary sheet layout. The amount of labeling and survey control will be minimized to allow for ease of incorporation of comments.

The 30 percent design plans will include the following sheets:

1. Title Sheet – It shall include the project title, general plan, location map, index to project drawings, utilities, and references. The resurfacing plan shall be completed at the 90 percent submittal.

2. General Notes Sheet – The Public Works standard general notes sheet will be very quickly edited for this submittal. Standard detail list will not be updated until the 60 percent submittal.

3. Project Key Map Sheet – It shall include sheet references and right-of-way delineation. Other information will be added in later submittals.

4. Civil Grading Sheets – These sheets will include proposed contours, elevations, and right-of-way. These sheets will include delineation of native vegetation to be protected during construction as well as weedy vegetation to be removed as part of construction. Labeling and dimensioning will be minimal for this submittal.

5. Site Plans Sheets - These sheets will include proposed onsite piping locations, passive recreation and structure locations. Electrical conduit will be included in the 60 percent design. CH2M HILL assumes that the majority of the site piping will be shown in plan view only. The invert elevations at key points such as grade changes shall be called out on the plan sheet. The plan view shall also include the existing utilities and right-of-way delineation.

6. Low Flow Channel Profile Sheets - These sheets will include proposed hydraulic grade line through the wetlands at normal conditions as well as the maximum water surface elevation during storm conditions. It will also show the long sectioned profile of the wetlands including site piping which fall within the section cuts. Key structures may also be shown at CH2M HILL's discretion. Labeling will be minimized for this submittal.

7. Detail Sheets - These sheets will include any required mechanical, structural, and electrical details, any onsite treatment units and storage facilities, as well as other project details. For this submittal, CH2M HILL will generally show only the plan views of structures, with the proposed section cuts for later submittals. Structures will not show rebar, most dimensions, and labels.

8. Passive Recreational Components Sheets – These sheets will be included on the site plan sheets.

9. Wetlands and Landscaping Planting Plan Sheets – These sheets will include locations of all wetlands plantings and a portion of other planting throughout the site. The plan view shall also include the existing utilities and right-of-way delineation. Labeling, dimensions and section details will be minimal for this submittal.

The irrigation plan sheets will be completed in Task 4. Note that Task 4 also provides a complete description of the plan sheets and design plan requirements.

As part of this task, CH2M HILL will also include the initial draft of the operations and maintenance manual for the project. The draft shall include a general project operational description and outline of other expected sections. It shall also identify possible operational issues and any recommended solutions.

CH2M HILL will also prepare a preliminary estimate of construction cost. The preliminary construction cost will be order-of-magnitude and will not have the level of detail necessary to match Public Works bid items.

The final item in this task will be to identify all utilities and locations to be potholed and any survey, geotechnical, groundwater or other data needed for the final design.

After the submittal of the 30 Percent Design Package, any approved utility potholing, geotechnical investigations, groundwater testing, and final surveying must be completed. This information will be required to be supplied to CH2M HILL by Public Works before CH2M HILL can begin efforts on Task 4 – Design Plans and Specifications.

CH2M HILL assumes that Public Works is responsible for soliciting, collecting, and consolidating the comments to the 30 Percent Design Package from Public Works, the TAC Members and other reviewers. CH2M Hill also assumes that all comments will be compiled by Public Works and delivered at one time to facilitate an efficient response. Any comments submitted after the initial set are considered out of scope if they create additional work, significantly beyond what would have been necessary had they originally been included. The source of the comments shall be identified in order to facilitate communication should CH2M HILL require clarification of the intent of the comment. CH2M HILL will provide written responses to the comments as well as a tracking form to identify when the comment has been or will be incorporated.

CH2M HILL assumes after addressing comments to the 30 Percent Design Package, that specific design elements will be "frozen", and not changed for the remainder of the project baring determination of an error or written direction from Public Works. The specific design elements to be frozen at end of this task are:

- Treatment processes and size.
- Horizontal locations of all major structures.
- Horizontal locations of all pipelines.
- Los Angeles River Diversion location and configuration for the DeForest Treatment Wetlands.
- Groundwater recharge enhancements for the Dominguez Gap Site.
- Right-of-way delineation and call-outs as provided to CH2M HILL by Public Works.

Requests to significantly change horizontal location of facilities on the Task 4 deliverables are not included in this scope. Deliverables are as follows:

- Draft Site Layout Figures and "Highlight" Description to the TAC

- Workshop 1 agenda, handouts and presentation boards, meeting and comment summary

- Final Site Layout Figures and "Highlight" Description
- Workshop 2 agenda, handouts and presentation boards, meeting and comment summary
- 30 Percent Design Package for each project – One electronic copy of plans in PDF format. 15 Copies each of full size (24 x 36) plan sets, Draft 1 Basis of Design Report (75 pages), Draft 1 Operations and Maintenance Manual (25 pages), and draft of estimate of construction cost.
- Final list of utility potholing, geotechnical investigations and groundwater data needs (electronic and 1 hard copy) for each project.

Pursuant to 15087 of the CEQA Guidelines, Public Notice of the availability of the draft EIR will be provided at the same time that the Notice of Completion is sent to the State Clearinghouse. Public Notice will be mailed to the last known name and address of all organizations and individuals who have previously requested such notices in writing, and will also be given by one publication in a newspaper of general circulation in the area of the project.

A Notice of Determination will be prepared pursuant to Section 15084 of the CEQA Guidelines and filed with the State Clearinghouse and the County Clerk within 5 working days after approval by the County. The Notice of Determination will be prepared using Appendix D of the CEQA Guidelines.

3.3 Organization, Presentation, and Participation in Public Hearings/Meetings

CH2M HILL staff will provide support for public hearings/meetings as directed by County Staff (see scope assumptions below).

3.3 Preparation of Draft Environmental Document

It is assumed (see scope assumptions below) that the results of the Initial Study will support the determination by the County to prepare an EIR.

For the purpose of this work plan, an EIR is assumed to be needed, not because of significant project impacts that cannot be mitigated, but because of expected public and agency concerns over vectors, public safety, and construction traffic.

A Draft EIR will be prepared pursuant to Section 15084 of the CEQA Guidelines. The Draft EIR will contain the information required by Sections 15122 through 15131 of the CEQA Guidelines, which includes table of contents, summary, project description, environmental setting, environmental impacts, significant environmental impacts, mitigation measures proposed to minimize significant effects, consideration of alternatives, limitations on discussion of environmental impact, effects not found to be significant, organizations and persons consulted, discussion of cumulative impacts, and economic and social effects.

3.4 Preparation of Special Studies

Special studies will be prepared to support the impact review and evaluation in the Draft EIR. Special studies will be included as Appendixes to the Draft EIR.

Based on concerns voiced by the public and agency stakeholders on the project feasibility studies and CH2M HILL's assessment of potential project impacts, the following technical studies are proposed:

Biological resources technical report. This report will be prepared using existing surveys of the area and will characterize the habitat present and its potential to support sensitive plant and animal species, including factors indicating the potential for occurrence of sensitive species as indicated by the California Natural Diversity Database (CNDDB).

Traffic impact analysis and evaluation study.

The traffic and parking study for the environmental documentation will address potential impacts from construction and operation of the proposed project, together with cumulative impacts from other development projects as applicable. The short-term construction and long-term operation of the Joint Dominguez and DeForest Treatment Wetlands Project will likely result in an increase in vehicle and equipment movement on the existing transportation network serving the project area. Analyses of the circulation system will include review of existing current and projected daily and peak traffic counts, capacity limitations, levels of service, and overall roadway conditions. Mitigation measures will be recommended as appropriate. The study will consist of the following tasks:

1. Project Initiation/Project Scoping - Once the conceptual design of the Dominguez Gap and DeForest Wetlands areas of the project has been completed, a project initiation meeting will be held with Los Angeles County Public Works (County) staff and members of the project team. At this meeting the locations and types of proposed public use areas (both recreational/educational facilities and off-street parking) within the project site will be identified, as well as the anticipated level of activity at each. The expected intensity and duration of construction activity on-site will also be discussed.

   Following the initiation meeting, a scoping meeting will be held with County staff and staff of the City of Long Beach to discuss the proposed project and to finalize and confirm the scope of services and key parameters for the traffic and parking assessment. For the purposes of this proposal, it is proposed that up to four intersections and six local roadway segments will be evaluated in the vicinity of the project site. The precise study intersections and roadway segments to be evaluated will be confirmed in this task.

2. Background Research/Environmental Setting/Data Collection - An inventory of the existing street system serving the study area, including number of lanes, street widths, traffic control devices, operational characteristics, adjacent land uses, and locations of on-street parking will be made. County and Long Beach staff will be contacted to obtain all available recent traffic counts for the study intersections and roadway segments to be confirmed in Task 1. For the purposes of this proposal, it is assumed that new traffic counts will be conducted at all analyzed intersections and street segments as part of the study.

   An assessment will be made of existing traffic operating conditions (levels of service) and constraints within the study area. Existing traffic operational problems and congested areas will be identified.

3. Future Traffic Forecasts - Traffic will be projected for future conditions without the proposed project, for future conditions during construction of the project, and for future conditions during operation of the project. These forecasts will be based on assumptions and methodologies acceptable to County and Long Beach staff. Future traffic levels will be projected by estimating the traffic to be generated by both the proposed project and planned and/or approved other projects within the study area. It is anticipated that the

list of the related projects to be considered would be identified in conjunction with City of Long Beach staff.

Discussions will be held with appropriate County staff to review potential activity levels and hence trip generation into and out of the project sites during both construction and operation. Issues to be identified include the potential number of vehicles by type (employees, visitors, trucks), routes used to access the sites both locally and regionally, and the anticipated methods of construction and any potential physical effect of construction on adjacent streets.

4. Significance Standards - Appropriate standards of significance will be prepared for assessment of traffic and transportation impacts. Standards will be based on applicable County and/or Long Beach significance criteria.

5. Impact Assessment/Mitigation Measures - Potential temporary impacts on traffic conditions during project construction and long-term impacts following completion of the project will be assessed at the study intersections and roadway segments to be confirmed in Task 1. Significance of impacts would be determined using significance criteria identified in Task 4.

   Impacts of the proposed project on the regional transportation system will be evaluated in accordance with Transportation Impact Analysis (TIA) requirements of the *2002 Congestion Management Program for Los Angeles County* (CMP) (Metropolitan Transportation Authority, June 2002). If the project meets the CMP minimum threshold criteria for analysis, this will include analysis of potential impacts on CMP arterial monitoring intersections and freeway monitoring segments and on the public transit system.

   Appropriate mitigation measures will be suggested for impacts thus identified. Potential mitigations will be examined to determine their feasibility and effectiveness, and a recommended plan will be developed. Any unavoidable impacts will be identified. Any recommended physical improvements will be evaluated from a conceptual planning perspective only (preliminary engineering drawings are not included as part of this work scope). Also, if any construction activities would physically affect adjacent streets, preparation of temporary traffic control plans may be identified as mitigation. Actual preparation of such plans is not a part of this scope of work.

6. Parking Impact Analysis - To the extent that detailed site layout plans are available for review, the adequacy of the proposed project parking plan will be evaluated. The total number of parking spaces required by applicable County and/or City codes will be determined and compared against the proposed on-site parking supply. Any variations from the code requirements will be identified.

   Since it is anticipated that a parking variance may be required, an analysis will be conducted of available on-street parking in the vicinity of the project site. This analysis will involve the following steps:

- An inventory will be conducted of the existing on-street parking supply within a one-block radius of the project site.

- A parking utilization survey will be conducted for the existing on-street spaces within a one-block radius of the project site for key demand periods, to ascertain the existing level of occupancy and the number of available (unoccupied) spaces. For the purposes of this proposal, it is assumed that the parking utilization survey will be conducted for a six-hour period on both a weekday and a weekend day.

- The ability of the available unoccupied on-street spaces to accommodate the project parking requirement not otherwise satisfied on-site will be evaluated.

- If necessary, appropriate mitigation measures will be recommended.

6a. Public Facilities Parking Impact Analysis (Optional Task) - If it is determined that the proposed project would not meet the code requirement for on-site parking and if requested, this optional task will be pursued. This is not included in the scope and would be extra work.

Group trips to the educational and recreational facilities provided by the project are anticipated. On weekdays, it is expected that these would typically be made by youth taking field trips from local schools. On weekends, it is envisioned that trips by other groups would occur and that these could potentially utilize parking facilities at local schools and parks. The feasibility of utilizing such parking facilities for this purpose on weekends will be evaluated as follows:

An initial review shows that five schools and five parks are located within one mile of the project site. This information will be confirmed and updated as necessary, and an inventory will be made of the on-site parking at each. The owners of these public facilities will be contacted to learn their policies regarding weekend use of their on-site parking lots. At up to five of these ten facilities, six-hour parking occupancy surveys will be conducted on two typical weekend days to determine the level of parking availability. The best locations for pursuing shared parking opportunities with nearby public schools and/or parks will be identified.

7. Documentation - The results of this study will be summarized in a draft technical report that will be submitted in draft form for review and comments. The report will describe environmental setting, construction/short-term impacts, operation/long-term impacts, and any feasible mitigation measures. The report will be finalized after receipt of comments.

Noise impact analysis and evaluation study. Monitoring to establish the existing background noise environment would occur at 2-locations for a 24-hour period. The study will analyze the anticipated noise generation activities of the project, and evaluate construction noise exposure to adjoining and nearby noise sensitive areas.

Mosquito evaluation and vector control analysis study. The analysis will describe regional mosquito populations, vector-borne disease status, and vector control issues; the potential for the project to create mosquito habitat, and passive (e.g. design and biological predation) and active (e.g. larvicide application) vector control methods appropriate for this project and setting.

A California Historical Resources Information System (CHRIS) records search will be completed for the project area. The CHRIS search will include a review of all recorded historic and prehistoric archaeological sites within a 4-kilometer (0.25-mile) radius of the project area as well as all known cultural resource reports. The CHRIS will also check historic maps, the California Points of Historical Interest, the listing of California Historical Landmarks, the California Register of Historic Places, the National Register of Historic Places, and the California State Historic Resources Inventory.

Construction emissions calculations will be completed to determine air quality impacts relative to the thresholds of significance for air emissions established by the South Coast Air Quality Management District (SCAQMD) and set forth in the SCAQMD CEQA Air Quality Handbook, November 1993 Revision (SCAQMD, 1993).

3.6 Response to Comments

Comments received during the noticed comment period from reviewers of the Draft EIR will be evaluated and written responses will be prepared pursuant to Section 15088 of the CEQA Guidelines. Written responses will describe the disposition of significant environmental issues raised and will address in detail recommendations and objections raised that are at variance with the position of the County. Response to comments will be provided as a separate section in the Final EIR (see 3.9 below). CH2M HILL will use its own proprietary eComment™ software tool to track, categorize, and respond to EIR comments.

CH2M HILL's eComment™ software, a proprietary tool supports the following functions:

- Allows individual letters received in response to an EIS to be efficiently tracked
- Allows for the creation of large, complex documents or smaller, less complex documents
- Captures all important and relevant components of the letter
- Assigns a categorical identifier to each comment
- Allows multiple authors in multiple locations to respond to comments
- Establishes a process to ensure comments are adequately reviewed
- Allows for rapid sorting and categorization of comments and responses
- Allows for rapid production of comments and responses in standardized format
- Provides project management tools to maintain control over thousands of individual comments

3.7 Written Findings and Facts/Statement of Overriding Considerations

Written findings and facts will be prepared pursuant to Section 15091 of the CEQA Guidelines. Written findings will be made for any significant environmental effects of the project identified in the Final EIR, and will be supported by substantial evidence in the record.

Should the Final EIR identify significant unavoidable adverse effects, a statement of overriding considerations will be prepared pursuant to Section 15093 of the CEQA Guidelines. The statement of overriding considerations will state in writing specific reasons to support actions based on the Final EIR and/or other information in the record.

3.8 Preparation of Mitigation Measures

Mitigation measures will be prepared and included in the Draft and Final EIR to avoid, minimize, and/or mitigate identified environmental impacts.

Preparation of Final Environmental Document

A Final EIR will be prepared pursuant to Section 15089 of the CEQA Guidelines. The Final EIR will consist of the contents required by Sections 15132 of the CEQA Guidelines, which includes the Draft EIR, comments and recommendations received on the Draft EIR, a list of persons, organizations, and public agencies commenting on the Draft EIR, and the responses to significant environmental points raised in the review and consultation process.

3.9 Copies of Environmental Documents

Following review and approval by the County, copies of the Initial Study, Draft EIR, and Final EIR will be prepared and provided for the County Board of Supervisors' submittals (see deliverables below).

3.10 Prepare and Present Final Environmental Documents

The Final EIR will be prepared and presented for Long Beach City Council and/or County Board of Supervisors approval. CH2M HILL staff will provide presentation support to the City Council and/or the Board (see scope assumptions below).

Deliverables

Deliverables are as follows:

- Notice of Preparation
- Notice of Completion
- Public Notice (newspaper)
- Notice of Determination
- Administrative Draft Initial Study. Assume approximately 30-pages, 2-copies, 2-color figures/copy.

- Initial Study. Assume approximately 30-pages, 25-copies, 2-color figures/copy.
- Administrative Draft EIR and Appendixes. Assume approximately 200-pages, 2-copies, 8-color figures/copy.
- Draft EIR and Appendixes. Assume approximately 200-pages, 25-copies, 8-color figures/copy.
- Administrative Draft Final EIR. Assume approximately 100-pages, 2-copies, 2-color figures/copy.
- Final EIR. Assume approximately 100-pages, 25-copies, 2-color figures/copy.

Scope Assumptions

The results of the Initial Study will support the determination by the County to prepare an Environmental Impact Report (EIR).

Attendance of 2 public hearings/meetings (4-hours each) by 2 staff from CH2M HILL. This includes 4-hours for preparation of presentation materials.

The Initial Study project description will be based on the detailed conceptual design.

The EIR project description will be based on the 30 Percent Design.

There will be no site visits from agencies.

The County will coordinate the distribution of environmental documents for public review.

DBS:

C:\MyFiles\dbs\Projects\DominguezGap\CH2MHillContract\DGDFScopeFINAL.doc

Work Program for Dominguez and DeForest Wetlands Project
Per Grant Agreement 03-167 between Los Angeles County Flood Control District and California State Coastal Conservancy
June 22, 2004

Funding Breakdown					
Joint Dominguez and DeForest Wetlands Project - Completion of 30% Plans and EIR					
			Project Funding		
Task 1 - Preliminary Design Phase		RMC	Coastal Conservancy	DPW or Other	Total
1.1	Kick-off Meeting		$ 4,650		$ 4,650
1.2	Project Review			$ 20,795	$ 20,795
1.3	Utility Review			$ 4,314	$ 4,314
1.4	Monthly Progress Meetings		$ 30,749		$ 30,749
1.5	Project Site Reconnaissance	$ 1,341	$ 1,341		$ 2,681
1.6	DPW Administration/Review			$ 5,000	$ 5,000
1.7	DPW Utility/ROW/Soils			$ 100,000	$ 100,000
	Total	**$ 1,341**	**$ 36,740**	**$ 130,109**	**$ 168,189**
Task 2 - Detailed Conceptual Design Phase (30% Plans)					
2.1	Public Workshops	$ 13,150	$ 13,150		$ 26,300
2.2	30% Dominguez Design	$ 185,320			$ 185,320
2.3	30% DeForest Design		$ 188,050		$ 188,050
2.4	DPW Administration/Review			$ 60,000	$ 60,000
	Total	**$ 198,470**	**$ 201,200**	**$ 60,000**	**$ 459,670**
Task 3 - Environmental Documentation					
3.1	Initial Study		$ 12,174		$ 12,174
3.2	Notices		$ 2,133		$ 2,133
3.3	Public Hearings		$ 9,651		$ 9,651
3.4	Draft EIR		$ 56,191		$ 56,191
3.5	Special Studies		$ 30,066		$ 30,066
3.6	Response to Comments		$ 10,847		$ 10,847
3.7	Findings/Overriding Considerations		$ 6,859		$ 6,859
3.8	Mitigation Measures		$ 6,605		$ 6,605
3.9	Final EIR		$ 16,442		$ 16,442
3.10	Copies/Printing		$ 1,558		$ 1,558
3.11	Final Document		$ 9,338		$ 9,338
3.12	DPW Admin/Review			$ 16,000	$ 16,000
	Total	**$ -**	**$ 161,864**	**$ 16,000**	**$ 177,864**
Contingency				$ 50,000	$ 50,000
		RMC	CCC	DPW or Other	
Total Funding to Complete 30% and EIR		$ 199,811	$ 399,804	$ 256,109	$ 855,723
Percent of Total		23.3%	46.7%	29.9%	100%

Schedule

Joint Dominguez and DeForest Wetlands Project - Completion of 30% Plans and EIR

		2004						2005												2006		
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Task 1 - Preliminary Design Phase																						
1.1	Kick-off Meeting (Mid July)																					
1.2	Project Review (7/5/04 - 8/13/04)																					
1.3	Utility Review (8/1/04 - 8/31/04)																					
1.4	Monthly Progress Meetings (Monthly, ongoing)																					
1.5	Project Site Reconnaissance (7/15/04 - 7-31/04)																					
1.6	DPW Administration/Review (7/1/04 - 8/31/04)																					
1.7	DPW Utility/ROW/Soils (7/15/04 - 8/31/04)																					
Task 2 - Detailed Conceptual Design Phase (30% Plans)																						
2.1	Public Workshops (9/17/04 and 1/21/05)																					
2.2	30% Dominguez Design (9/20/04 - 4/01/05)																					
2.3	30% DeForest Design (9/20/04 - 4/01/05)																					
2.4	DPW Administration/Review (9/20/04 - 4/01/05)																					
Task 3 - Environmental Documentation																						
3.1	Initial Study (9/20/04 - 12/17/04)																					
3.2	Notices (1/28/05 - 10/31/05)																					
3.3	Public Hearings (1/28/05 - 2/24/05)																					
3.4	Draft EIR (4/18/05 - 11/16/05)																					
3.5	Special Studies (1/10/05 - 3/4/05)																					
3.6	Response to Comments (11/17/05 - 12/14/05)																					
3.7	Findings/Overriding Considerations (11/24/05 - 12/14/05)																					
3.8	Mitigation Measures (2/21/05 - 9/7/05)																					
3.9	Final EIR (12/15/05 - 3/8/06)																					
3.10	Copies/Printing (3/9/06 - 3/15/06)																					
3.11	Final Document (3/16/06 - 3/22/06)																					
3.12	DPW Admin/Review (9/20/04 - 3/22/06)																					