

COMMITTEE ACTION SHEET

COUNCIL DOCKET OF _____

Supplemental Adoption Consent Unanimous Consent Rules Committee Consultant Review

R -

O -

Advertise and Award for Pump Station Upgrade – Group IV

Reviewed Initiated By NR&C On 10/06/04 Item No. 5f

RECOMMENDATION TO:

Approve City Manager's recommendations regarding the substantive aspects of the project, with direction to the City Manager to include the department's best management practices in the environmental documentation when it comes forward to full Council.

VOTED YEA: Madaffer, Zucchet, Frye, Inzunza (District 4-vacant)

VOTED NAY:

NOT PRESENT:

CITY CLERK: Please reference the following reports on the City Council Docket:

REPORT TO THE CITY COUNCIL NO.

COUNCIL COMMITTEE CONSULTANT ANALYSIS NO.

OTHER:

Richard G. Mendes' September 30, 2004, memorandum

COUNCIL COMMITTEE CONSULTANT



CITY OF SAN DIEGO
MEMORANDUM

DATE: September 30, 2004

TO: Natural Resources and Culture Committee, Agenda of October 6, 2004

FROM: Richard G. Mendes, Deputy City Manager

SUBJECT: Metropolitan Wastewater Department Capital Improvement Program

BACKGROUND

The Metropolitan Wastewater Department (MWWD) is responsible for the operation of the Metropolitan Sewerage System and the Municipal Wastewater Collection System, and provides for the maintenance, upgrade and expansion of these systems. The current sewerage system treats the wastewater generated by a Greater San Diego population of approximately 2 million, from 16 cities and districts, contributing approximately 180 million gallons of wastewater per day.

The following projects are critical to the operation of the Municipal Wastewater Collection System.

Contract with HDR, Inc. for Professional Engineering and Consulting Services

The Wastewater Collection (WWC) Division has a need for professional engineering and consulting services to support the upgrade and expansion of the Municipal Collection System and the implementation of several ongoing initiatives tied to best management practices for the operation and maintenance of the City's 3,000-mile wastewater collection system. The majority of those initiatives support MWWD's response to a 2002 USEPA Administrative Order and a draft Consent Decree currently in negotiation.

MWWD advertised for professional engineering and consulting services on July 10, 2003. Four (4) proposals were received and a selection committee was convened, in compliance with City Standards. Three (3) companies were interviewed by the committee on September 11, 2003. HDR Engineering, Inc. (HDR, Inc.) was selected as the most qualified firm.

The twelve-month agreement between WWC and HDR, Inc. for work on Task B provided for (a) the preparation of regular Progress Reports to the USEPA, Pump Station Emergency Response Plans, and Interim Maintenance Access Plans to maintain infrastructure in environmentally-sensitive areas; (b) the monitoring of optimization programs associated with the continued implementation of best business practices; (c) the implementation of operational changes within the Division's Main Cleaning, Food Establishment Waste Discharge, and Construction/CCTV sections; and (d) maintenance of the ISO 14001 certification.

The initial total cost of this agreement was \$800,000.00 from funds available in Sewer Revenue Fund 41506. At this time the Wastewater Collection Division seeks to amend the contract for a final twelve-month period at a cost not to exceed \$600,000. HDR, Inc. is an employee-owned corporation with 85 offices throughout the United States. The corporation's CEO is Richard R. Bell, P.E., and the parent company is located in Omaha, NE. Throughout this amended contract, HDR, Inc. will be working with MARRS Services, Inc. (MBE/WBE/DBE) and RBKA (DBE).

Funds for this project are on hand and available and have been budgeted in the Fiscal Year 2005 operations and maintenance budget for the Wastewater Collections Division.

Sewer Pump Station 77A and 77B Rehabilitation – Authorize Additional Funds

The Sewer Pump Station 77A and 77B Rehabilitation (SPS 77 A&B) project began construction in December 2002. SPS 77A was last upgraded in 1984 and has been experiencing numerous electrical and mechanical failures. SPS 77B was built in 1986 as an in-line booster station. These pump stations work in tandem and must remain in operation during construction. If SPS 77A is shutdown or fails to operate for more than a few minutes, sewage is diverted to an open pond which has a capacity of approximately 24 hours.

The construction is running significantly longer than anticipated due to differing site conditions and additional operational issues encountered as the work progresses. The original construction contract amount was \$4,893,000. To date six change orders have been executed for \$174,745 bringing the current contract amount to \$5,067,745. At this time a number of potential change orders necessary to complete the job have been identified by the contractor and construction manager. These additional items include: instrumentation modifications, by-pass pumping, cathodic protection, electrical supply modifications, installation of a 20-inch isolation valve, demolition of interfering underground equipment, replacement of wet well protective coating, and additional roofing. Our non-negotiated estimate for these change orders is \$546,933. Due to the added construction time additional funding in the amount of \$429,765 is required to continue the construction management services. An additional \$140,000 for in-house labor and related services is also required.

MWWD requests the approval of Amendment #3 to the existing As needed - Construction Management contract with HDR Engineering, Inc. in the amount of \$600,000: of which \$429,765 is to continue the construction management services for SPS 77A & B, \$50,000 for claims analysis for the Pump Station 30A-Pipeline Alternative project (PS 30A), task order number five of the existing contract, and \$120,235 for continued mechanical engineering support for various pump station upgrades. HDR, Inc. is an employee-owned corporation with 85 offices throughout the United States. The corporation's CEO is Richard R. Bell, P.E., and the parent company is located in Omaha, NE.

The total project cost for SPS 77A & B is \$8,489,561 of which \$7,372,863 was previously authorized. The total of this request is \$1,166,698 of which \$1,116,698 is for SPS 77A & B and \$50,000 is for PS 30A. Funds in the amount of \$1,116,698 will be transferred from Sewer Fund 41506, CIP No. 46-197.9 Lake Murray Trunk Sewer into CIP 46-106.0 Annual Allocation -

Pump Station Restoration. These funds are available due to a reduced cost estimate for the Lake Murray Trunk Sewer. Funds are also available in Sewer Fund 41506, CIP No. 46-200.0, Sewer Pump Station 30A Relocation. Funds for this project are on hand and available and have been budgeted in Fiscal Year 2005.

We request that the following projects be reviewed by the Committee in regard to the substantive aspects of the projects—e.g., the environmental documentation, the need for the project, the scope of work, estimated costs, etc. However, we are not requesting Committee approval of the projects at this time due to the current uncertainties regarding the timing of financing for the capital program. We request that these projects be submitted directly to the Council by the administration once financing issues have been resolved.

Large Pump Stations, Closed Circuit Television (CCTV) Security System Installations

Sewer Pump Stations 1, 2, 64, 65, Grove Avenue (GAPS), East Mission Gorge (EMG), and Penasquitos (PQPS) have closed circuit television (CCTV) systems that are used for both operational monitoring and security. These systems, while adequate for operational monitoring do not provide adequate coverage for security purposes. Enhanced security systems with camera and sensor coverage are necessary to improve wastewater system security and to prevent and control vandalism.

This action requests approval to upgrade and install CCTV security systems at seven (7) pump stations, utilizing City forces from the Communications Division of the Information Technology and Communications Department (IT&C) and the General Services Department. MWWD intends to utilize City forces for this work because it will cost less for the installation, it will significantly shorten the project schedule and IT&C staff has the experience to design and install these systems. These seven CCTV security systems are expected to cost a total of \$615,000. Funds in the amount of \$340,000 are budgeted in Sewer Fund 41509, CIP 41-926.0, Annual Allocation Metropolitan System Pump Stations and funds in the amount of \$275,000 are budgeted in Sewer Fund 41506, CIP 41927.0, Annual Allocation Pump Stations PS 64, PS 65, Penasquitos and East Mission Gorge Pump Station.

Pipeline Rehabilitation in the Right-of-Way (ROW), Phase C-1

On November 17, 2003, the City Council adopted Resolution R-298582, approving the plans and specifications for the Pipeline Rehabilitation in the Right-of-Way, Phase C Project and authorizing the City Manager to advertise and award the construction of this project for an amount not to exceed \$9,949,121. On December 9, 2003 the requests for bids were postponed and the scope of work has been reduced. The reasons for the postponement and change in scope of work were shifting priorities in meeting the requirements of the proposed Environmental Protection Agency (EPA) Consent Decree and lessons learned during construction of the previous pipeline rehabilitation contracts. The new estimated cost for Phase C-1, which includes just the lining of pipelines and the rehabilitation of manholes is \$5,667,486. A second contract, Phase C-2, will be advertised in Fiscal Year 2006 to rehabilitate the laterals connected to the Phase C-1 sewers.

The purpose of this project is to reduce maintenance requirements of the sewer system, lessen community impacts from maintenance-related activities, extend the service life of the sewer system, and decrease the overall number of sewer spills. This contract is the third in a series of MWWD contracts to meet the EPA requirements to rehabilitate sewer pipeline in calendar year 2005.

This request is for authorization to re-advertise for bids and to award a contract to the lowest responsible bidder, based on the actual low bid submitted. This project is categorically exempt from CEQA, pursuant to State CEQA Guidelines Section 15303(2) Replacement or Reconstruction.

The total cost of this action is \$5,667,486, and will be funded from Sewer Fund 41506, CIP 46-506.0, Pipeline Rehabilitation in the ROW.

Advertise and Award for Pump Station Upgrades – Group I

The Pump Station Upgrade Projects involve four separate construction contracts involving 22 sewer pump stations. Pump Station Upgrades – Group I (North County Pump Stations) involves electrical, mechanical, and miscellaneous upgrades of seven sewer pump stations located in the north county area. The subject stations are: 71, 73, 74, 75, 76, 80, and 82. The upgrades include: pumps, motors, piping, valves, vaults, passive odor-control systems, flow meters, emergency storage tanks, emergency generators and appurtenances, and other miscellaneous upgrades. A Mitigated Negative Declaration for this project was prepared and is attached.

The total cost of this action is \$4,023,814, of which \$3,450,720 is for construction, \$297,036 is for construction management, \$103,522 is associated with related costs, and \$172,536 is for contingencies. Funds are budgeted in Sewer Fund 41506, CIP 41-929.0, Pump Station Upgrades.

Advertise and Award for Pump Station Upgrades – Group IV

The Pump Station Upgrades – Group IV (Comfort Stations) involves electrical, mechanical, and miscellaneous upgrades of eight sewer pump stations that serve comfort stations in the Mission Bay and Harbor Island areas of the City and the trailers at the City's Chollas Operations Center. The subject stations are, station 46 at Chollas; stations 52 and 53 on Harbor Island; and stations 54, 55, 56, 57, and 58 along the east side of Mission Bay. The upgrades include: the addition of water supply shutoff solenoid valves, telemetry systems, pumps, passive odor-control systems; access hatches, concrete paving, jib cranes, flow meters, ventilation systems, handrails, control panels, instrumentation, upgrades to three-phase power, and other miscellaneous upgrades. A Mitigated Negative Declaration for this project was prepared and is attached.

September 30, 2004

The total cost of this action is \$1,856,350, of which \$1,379,000 is for construction, \$339,450 is for construction management and related costs, and \$137,900 is for contingencies. Funds are budgeted in Sewer Fund 41506, CIP 41-929.0, Pump Station Upgrades.



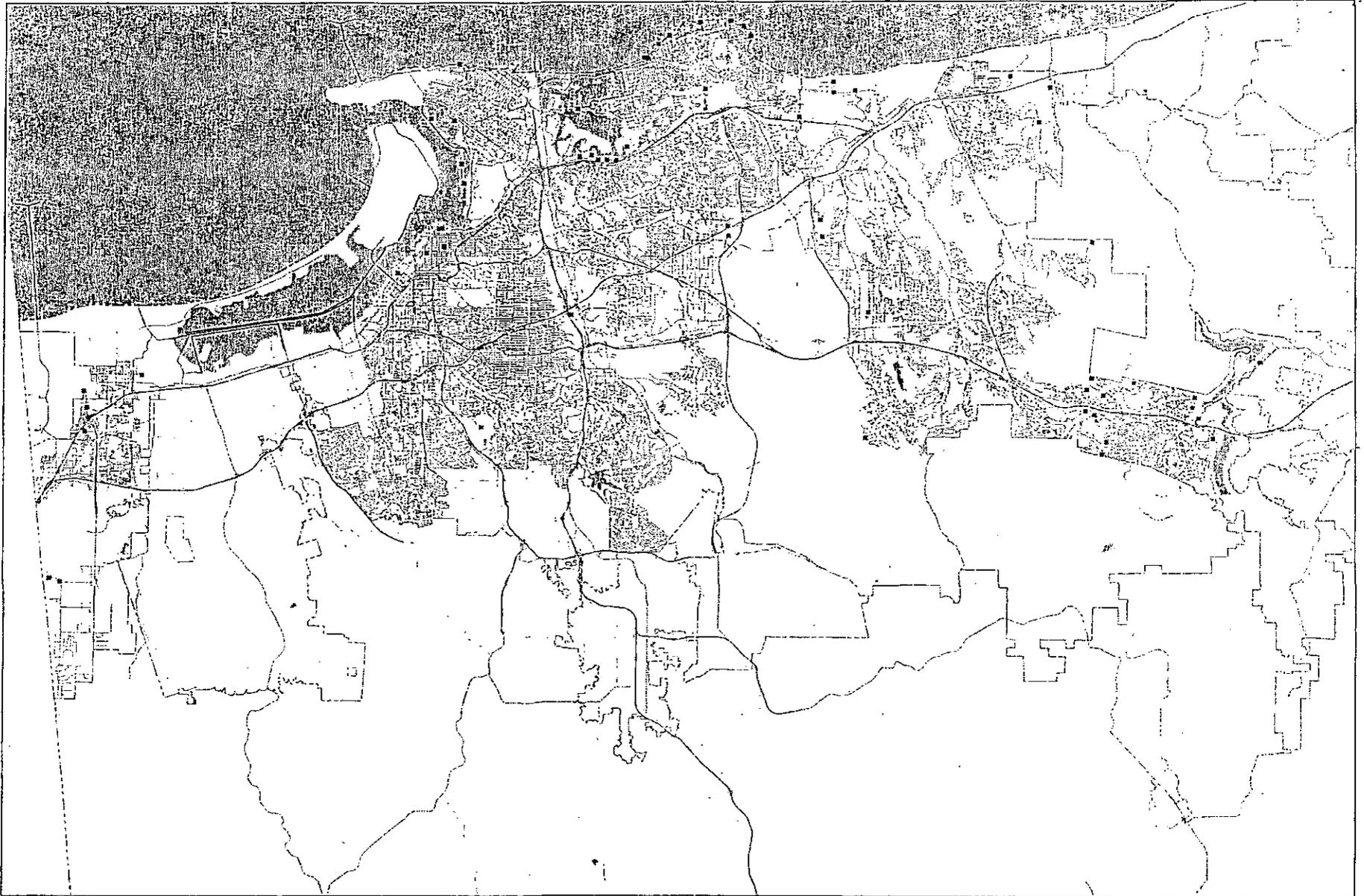
Richard G. Mendes
Deputy City Manager

RGM/AKS/as

- Attachments:
1. Contract with HDR - Project Location Map
 2. Contract with HDR - List of MBE/WBE/DBE Subconsultants
 3. Contract with HDR - Work Force Analysis
 4. Mitigated Negative Declaration for the Pump Station Upgrades

City of San Diego
Sewer Infrastructure Map

Sewer Main
Sewer Pump Station



08-04-03
Scale in inches: 1:14200

THIS MAP IS PROVIDED WITHOUT WARRANTY OF ANY KIND. THE USER ASSUMES ALL LIABILITY FOR THE USE OF THIS MAP. THE CITY OF SAN DIEGO IS NOT RESPONSIBLE FOR ANY DAMAGES, INCLUDING CONSEQUENTIAL DAMAGES, ARISING FROM THE USE OF THIS MAP.

City of San Diego, Water Department
For More Information, Contact: 619-441-3333



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THE CITY OF SAN DIEGO
EQUAL OPPORTUNITY CONTRACTING
 1010 SECOND AVENUE, SUITE 500
 SAN DIEGO, CA 92101
 PHONE (619) 533-4464 • FAX (619) 533-4474

WORK FORCE REPORT

The objective of the Equal Employment Opportunity is to ensure that contractors doing business with the City, or receiving funds from the City, will not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation and selection for training, including apprenticeship.

NO OTHER FORMS WILL BE ACCEPTED CONTRACTOR IDENTIFICATION

Type of Contractor: Construction Vendor/Supplier Financial Institution Lessee/Lessor
 Consultant Grant Recipient Insurance Company Other

Name of Company: Orion Construction Corporation

ADA/DBA: _____

Address (Corporate Headquarters, where applicable): 1621 S Rancho Santa Fe Road, Ste A

City San Marcos County San Diego State CA Zip 92069

Telephone Number: (760) 591-9181 Fax Number: (760) 591-9207

Name of Company CEO: Richard Dowsing

Address(es), phone and fax number(s) of company facilities located in San Diego County (if different from above):

Address: _____

City _____ County _____ State _____ Zip _____

Telephone Number: () _____ - _____ Fax Number: () _____ - _____

Type of Business: General Contractor Type of License: A & B

The Company has appointed: Richard Dowsing

As its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:

Address: 1621 S Rancho Santa Fe Road, Ste A, San Marcos, CA, 92069

Telephone Number: (760) 591-9181 Fax Number: (760) 591-9207

For Firm's

San Diego Work Force and/or

Managing Office Work Force

I, The undersigned representative of Orion Construction Corporation

(Firm Name)

San Diego

(County)

California

(State)

hereby certify that information provided herein is true and correct. This document was executed on this day of September 23, 2004.

Elaine Bonse

(Authorized Signature)

Elaine Bonse

(Print Authorized Signature Name)

WORK FORCE REPORT – Page 2

NAME OF FIRM: Orion Construction Corporation DATE: September 23, 2004.

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) African-American, Black
- (2) Latino, Hispanic, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities		
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	
Executive, Administrative, Managerial					1	1						2	2		
Professional Specialty												1			
Engineers/Architects			1									4	1		
Technicians and Related Support															
Sales															
Administrative Support/Clerical				1		1							2		
Services															
Precision Production, Craft and Repair															
Machine Operators, Assemblers, Inspectors															
Transportation and Material Moving												2			
Handlers, Equipment Cleaners, Helpers and Non-construction Laborers*			1									1			

*Construction laborers and other field employees are not to be included on this page

TOTALS EACH COLUMN			2	1	1	2						10	5		
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GRAND TOTAL ALL EMPLOYEES	21
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INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED												1			
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NON-PROFIT ORGANIZATIONS ONLY:

BOARD OF DIRECTORS															
VOLUNTEERS															
ARTISTS															

WORK FORCE REPORT – Page 3NAME OF FIRM: Orion Construction CorporationDATE: September 23,2004

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- | | |
|--|--|
| (1) African-American, Black | (5) Filipino |
| (2) Latino, Hispanic, Mexican-American, Puerto Rican | (6) Caucasian |
| (3) Asian, Pacific Islander | (7) Other ethnicity; not falling into other groups |
| (4) American Indian, Eskimo | |

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Carpenter			1								1			
Drywall Installer														
Electrician														
Elevator Installers														
Finishers, Concrete or Terrazzo														
Glaziers														
Helpers, Construction Trade														
Ironworkers, Structural Metal Workers														
Laborers	2		17								3			
Millwrights														
Masons, Bricklayers			1											
Tile setters														
Operators			6		1		1				8			
Painters														
Pipe fitter, Plumbers	1		20								7			
Plasterers														
Roofers														
Security, Protective Services														
Sheet Metal, Duct Installers														
Welders, Cutters														

TOTALS EACH COLUMN	3		45		1		1				19			
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GRAND TOTAL ALL EMPLOYEES	69													
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INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED														
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City of San Diego
EQUAL OPPORTUNITY CONTRACTING (EOC)
 1010 Second Avenue • Suite 500 • San Diego, CA 92101
 Phone: (619) 533-4464 • Fax: (619) 533-4474

WORK FORCE REPORT
LOCAL WORK FORCE

The objective of the *Equal Employment Opportunity Outreach Program*, San Diego Municipal Code Sections 22.3501 through 22.3517, is to ensure that contractors doing business with the City, or receiving funds from the City, do not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to unlawful discrimination in the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. Contractors are required to provide a completed *Work Force Report*.

CONTRACTOR IDENTIFICATION

Type of Contractor: Construction Vendor/Supplier Financial Institution Lessee/Lessor
 Consultant Grant Recipient Insurance Company Other

Name of Company: HDR Engineering, Inc.

AKA/DBA: _____

Address (Corporate Headquarters, where applicable): 8404 Indian Hills Drive

City Omaha County Douglas State Nebraska Zip 68114

Telephone Number: (402) 399-1000 FAX Number: (402) 399-1238

Name of Company CEO: Richard R. Bell, P.E.

Address(es), phone, and fax number(s) of company facilities located in San Diego County (if different from above):

Address: 9444 Farnham Street, Suite 300

City San Diego County San Diego State California Zip 92123

Telephone Number: (858) 712-8400 FAX Number: (858) 712-8333

Type of Business: Consulting Type of License: 930096637

The Company has appointed: David LeCureux

as its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate, and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:

Address: 9444 Farnham Street, Suite 300, San Diego, CA 92123

Telephone Number: (858) 712-8400 FAX Number: (858) 712-8333

For Firm's: San Diego Work Force and/or Managing Office Work Force

I, the undersigned representative of HDR Engineering, Inc.

(Firm Name)

San Diego County, California hereby certify that information

provided (County) (State)

herein is true and correct. This document was executed on this day of August 3, 2004.

David LeCureux

(Authorized Signature)

David LeCureux

(Print Authorized Signature Name)

WORK FORCE REPORT - Page 2

NAME OF FIRM: HDR Engineering, Inc.

DATE: August 3, 2004

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) African-American, Black
- (2) Latino, Hispanic, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Executive, Administrative, Managerial			2									13		
Professional Specialty			1									9	6	
Engineers/Architects	1				2	1						13	1	
Technicians and Related Support			2									1		
Sales														
Administrative Support/Clerical		2		1								4		
Services														
Precision Production, Craft, and Repair														
Machine Operators, Assemblers, Inspectors														
Transportation and Material Moving														
Handlers, Equipment Cleaners, Helpers, and Non-construction Laborers*														

*Construction laborers and other field employees are not to be included on this page

TOTALS EACH COLUMN	1	2	5	1	2	1						36	11	
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GRAND TOTAL ALL EMPLOYEES 59

INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

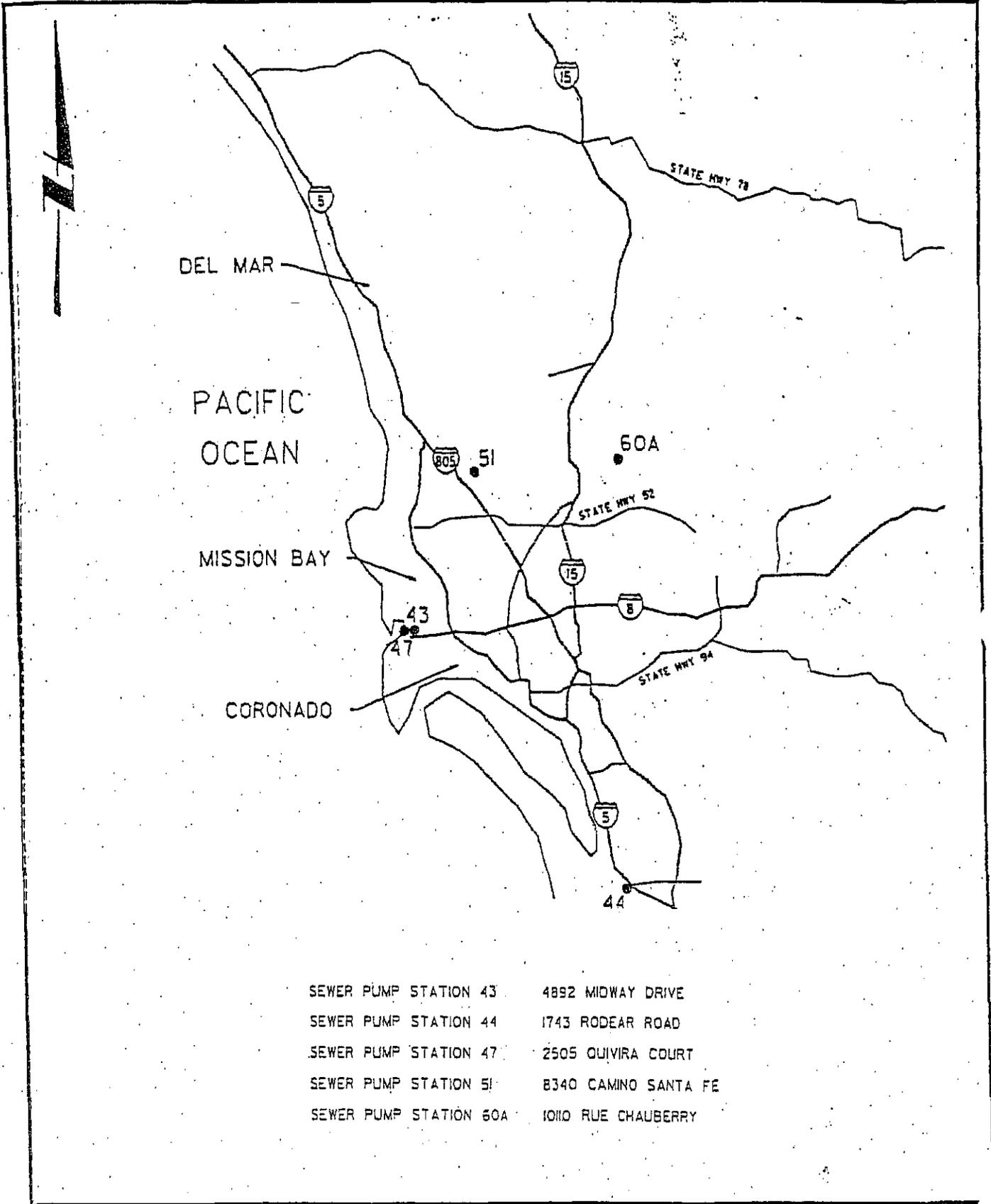
DISABLED												1		
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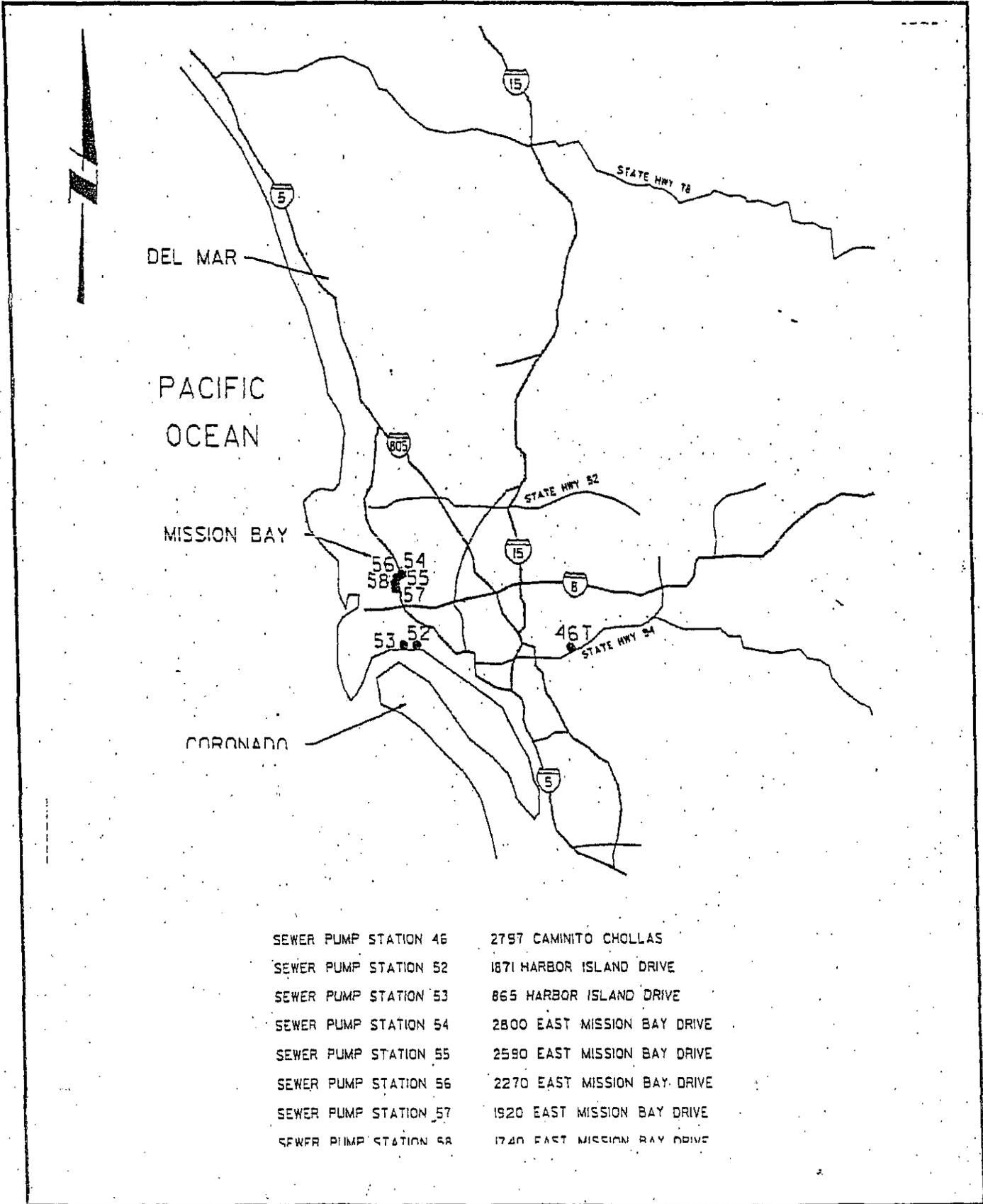
NON-PROFIT ORGANIZATIONS ONLY:

BOARD OF DIRECTORS														
VOLUNTEERS														
ARTISTS														

TASK B CONTRACT ALLOCATION UNDER AMENDED CONTRACT

TEAM MEMBER	INITIAL ALLOCATION	INITIAL ALLOCATION PERCENTAGE	AMENDMENT ALLOCATION	AMENDMENT ALLOCATION PERCENTAGE	CONTRACT TOTAL	CONTRACT TOTAL PERCENTAGE
HDR Engineering, Inc.	\$539,984	67.5%	\$456,643	76.1%	\$996,627	71%
MARRS Services, Inc	\$184,000	23.0%	\$93,811	15.6%	\$277,811	20%
Richard Brady & Assoc.	\$56,000	7.0%	\$27,581	4.6%	\$83,581	6%
Larson Consulting	\$20,000	2.5%	\$21,965	3.7%	\$41,965	3%
TOTAL	\$799,984	100%	\$600,000	100%	\$1,399,984	100%





LOCATION MAP

Environmental Review

GROUP IV

CITY OF SAN DIEGO • Development Services Department

Figure
4

Initial Study Checklist

Date: June 1, 2004

Project No.: 31233

Name of Project: Sewer Pump Station Upgrades

III. ENVIRONMENTAL ANALYSIS:

The purpose of the Initial Study is to identify the potential for significant environmental impacts which could be associated with a project pursuant to Section 15063 of the State CEQA Guidelines. In addition, the Initial Study provides the lead agency with information which forms the basis for deciding whether to prepare an Environmental Impact Report, Negative Declaration or Mitigated Negative Declaration. This Checklist provides a means to facilitate early environmental assessment. However, subsequent to this preliminary review, modifications to the project may mitigate adverse impacts. All answers of "yes" and "maybe" indicate that there is a potential for significant environmental impacts and these determinations are explained in Section IV of the Initial Study.

Yes Maybe No

I. AESTHETICS / NEIGHBORHOOD CHARACTER – Will the proposal result in:

A. The obstruction of any vista or scenic view from a public viewing area? X
THE PROPOSED PROJECT SITES
WOULD NOT OBSTRUCT ANY
COMMUNITY PLAN DESIGNATED
PUBLIC VIEWING AREAS.

B. The creation of a negative aesthetic site or project? X
THE PROPOSED PROJECT SITES
WOULD NOT RESULT IN A
NEGATIVE AESTHETIC OR
PROJECT.

C. Project bulk, scale, materials, or style which would be incompatible with surrounding development? X
THE PROPOSED PROJECT
FACILITIES WOULD REQUIRE
COMPLIANCE WITH THE LAND

Yes Maybe No

I. Substantial shading of other properties?
THE PROPOSED PROJECT SITES
WOULD NOT RESULT IN SUBSTANTIAL
SHADING OF OTHER PROPERTIES.

— — X

II. AGRICULTURE RESOURCES / NATURAL RESOURCES / MINERAL RESOURCES – Would the proposal result in:

A. The loss of availability of a known mineral resource (e.g., sand or gravel) that would be of value to the region and the residents of the state?
THE PROPOSED PROJECT SITES
ARE NOT LOCATED WITHIN
LAND DESIGNATED FOR
AGRICULTURAL USES.

— — X

B. The conversion of agricultural land to nonagricultural use or impairment of the agricultural productivity of agricultural land?
THE PROJECT SITES ARE NOT
DESIGNATED FOR AGRICULTURAL
USES.

— — X

III. AIR QUALITY – Would the proposal:

A. Conflict with or obstruct implementation of the applicable air quality plan?
THE PROPOSED PROJECT WOULD
NOT OBSTRUCT IMPLEMENTATION
OF THE REGIONAL AIR QUALITY
PLAN OR REQUIRE ANY PERMITS IN
COMPLIANCE WITH THE COUNTY OF
SAN DIEGO AIR POLLUTION
CONTROL DISTRICT REGULATIONS.

— — X

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
B. A substantial change in the diversity of any species of animals or plants? <u>NO SUBSTANTIAL CHANGE IN BIODIVERSITY WOULD RESULT WITH THE PROJECT.</u>	—	—	<u>X</u>
C. Introduction of invasive species of plants into the area? <u>PLEASE SEE IV-B ABOVE.</u>	—	—	<u>X</u>
D. Interference with the movement of any resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors? <u>THE PROJECT SITES ARE LOCATED OUTSIDE OF ANY MIGRATORY WILDLIFE CORRIDORS.</u>	—	—	<u>X</u>
E. An impact to a sensitive habitat, including, but not limited to streamside vegetation, aquatic, riparian, oak woodland, coastal sage scrub or chaparral? <u>THE PROJECT SITES WOULD NOT RESULT IN IMPACTS TO SENSITIVE UPLAND AND WETLAND HABITAT.</u>	—	—	<u>X</u>
F. An impact on City, State, or federally regulated wetlands (including, but not limited to, coastal salt marsh, vernal pool, lagoon, coastal, etc.) through direct removal, filling, hydrological interruption or other means? <u>PLEASE SEE IV-E ABOVE.</u>	—	—	<u>X</u>
G. Conflict with the provisions of the City's Multiple Species Conservation Program Subarea Plan or other approved local, regional or state habitat conservation plan? <u>THE PROJECT SITES ARE NOT LOCATED WITHIN THE MSCP BOUNDARIES AND SITES ADJACENT TO THE MHPA WOULD</u>	—	—	<u>X</u>

Yes Maybe No

VII. HISTORICAL RESOURCES – Would the proposal result in:

- A. Alteration of or the destruction of a prehistoric or historic archaeological site?
THE PROPOSED PROJECT SITES MAY RESULT IN ANY ADVERSE EFFECTS TO PREHISTORIC OR HISTORIC RESOURCES. PLEASE SEE INITIAL STUDY DISCUSSION FOR HISTORICAL RESOURCES. — X —
- B. Adverse physical or aesthetic effects to a prehistoric or historic building, structure, object, or site?
PLEASE SEE VII-A ABOVE. — — X
- C. Adverse physical or aesthetic effects to an architecturally significant building, structure, or object?
NO SIGNIFICANT STRUCTURES EXIST ON ANY OF THE PROJECT SITES. — — X
- D. Any impact to existing religious or sacred uses within the potential impact area?
NO SUCH USES ARE LOCATED ON THE PROJECT SITES. — — X
- E. The disturbance of any human remains, including those interred outside of formal cemeteries?
NO SUCH DISTURBANCE IS ANTICIPATED WITH THE PROJECT SITES. — — X

VIII. HUMAN HEALTH / PUBLIC SAFETY / HAZARDOUS MATERIALS: Would the proposal:

- A. Create any known health hazard (excluding mental health)?
THE PROPOSED PROJECT SITES WOULD NOT CREATE ANY HEALTH HAZARDS. — — X

Yes Maybe No

IX. HYDROLOGY/WATER QUALITY - Would the proposal result in:

- | | | | |
|---|---|---|----------|
| A. An increase in pollutant discharges, including down stream sedimentation, to receiving waters during or following construction?
Consider water quality parameters such as temperature dissolved oxygen, turbidity and other typical storm water pollutants.
<u>THE PROJECT WOULD NOT RESULT IN ANY INCREASE IN POLLUTANT DISCHARGES.</u> | — | — | <u>X</u> |
| B. An increase in impervious surfaces and associated increased runoff?
<u>THE PROPOSED PROJECT SITES WOULD NOT RESULT IN ANY SIGNIFICANT INCREASE IMPERVIOUS SURFACE AREA.</u> | — | — | <u>X</u> |
| C. Substantial alteration to on- and off-site drainage patterns due to changes in runoff flow rates or volumes?
<u>PLEASE SEE IX-B ABOVE.</u> | — | — | <u>X</u> |
| D. Discharge of identified pollutants to an already impaired water body (as listed on the Clean Water Act Section 303(b) list)?
<u>PLEASE SEE IX-A ABOVE.</u> | — | — | <u>X</u> |
| E. A potentially significant adverse impact on ground water quality?
<u>NO ADVERSE EFFECT TO GROUND WATER QUALITY WOULD RESULT WITH THE PROJECT SITES.</u> | — | — | <u>X</u> |
| F. Cause or contribute to an exceedance of applicable surface or groundwater receiving water quality objectives or degradation of beneficial uses?
<u>THE PROPOSED PROJECT SITES WOULD NOT RESULT IN ANY ADVERSE EFFECTS TO GROUND WATER QUALITY.</u> | — | — | <u>X</u> |

Yes Maybe No

XI. NOISE – Would the proposal result in:

A. A significant increase in the existing ambient noise levels?

— — X

THE PROJECT SITES WOULD NOT INCREASE AMBIENT NOISE LEVELS WITHIN ANY COMMUNITY.

B. Exposure of people to noise levels which exceed the City's adopted noise ordinance?

— — X

THE PROJECT SITES WOULD NOT RESULT IN THE GENERATION OF EXCESSIVE NOISE LEVELS.

C. Exposure of people to current or future transportation noise levels which exceed standards established in the Transportation Element of the General Plan or an adopted airport Comprehensive Land Use Plan?

— — X

THE PROJECT SITES WOULD NOT EXPOSE RESIDENTS TO EXCESSIVE TRANSPORTATION NOISE LEVELS.

XII. PALEONTOLOGICAL RESOURCES: Would the proposal impact a unique paleontological resource or site or unique geologic feature?

— X —

THE PROJECT SITES WOULD INVOLVE EXCAVATION FOR SUBSURFACE FACILITIES AND AS SUCH MAY RESULT IN ADVERSE AFFECTS TO PALEONTOLOGICAL RESOURCES. PLEASE SEE INITIAL STUDY DISCUSSION FOR PALEONTOLOGICAL RESOURCES.

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>	
D. Parks or other recreational facilities?				<u>X</u>
<u>PARKS AND RECREATIONAL FACILITIES ARE ADEQUATE.</u>	—	—		
E. Maintenance of public facilities, including roads?				<u>X</u>
<u>PUBLIC MAINTENANCE SERVICES ARE ADEQUATE.</u>	—	—		
F. Other governmental services?				<u>X</u>
<u>GOVERNMENTAL SERVICES ARE ADEQUATE.</u>	—	—		

XV. RECREATIONAL RESOURCES – Would the proposal result in:

A. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?				<u>X</u>
<u>THE PROJECT SITES WOULD NOT RESULT IN ANY EFFECTS TO EXISTING PARKS AND RECREATIONAL FACILITIES.</u>	—	—		
B. Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?				<u>X</u>
<u>THE PROJECT SITES WOULD NOT REQUIRE ANY MODIFICATIONS OR EXPANSION TO EXISTING PARK AND RECREATIONAL FACILITIES.</u>	—	—		

XVI. TRANSPORTATION/CIRCULATION – Would the proposal result in:

A. Traffic generation in excess of specific/community plan allocation?				<u>X</u>
<u>THE PROJECT SITES WOULD NOT RESULT IN EXCESSIVE TRAFFIC OR ADVERSELY AFFECT EXISTING PARKING WITHIN ANY COMMUNITY.</u>	—	—		

Yes Maybe No

XVII. UTILITIES – Would the proposal result in a need for new systems, or require substantial alterations to existing utilities, including:

A. Natural gas?
NATURAL GAS UTILITIES ARE ADEQUATE.

B. Communications systems?
COMMUNICATION SYSTEMS ARE ADEQUATE.

C. Water?
WATER UTILITIES ARE ADEQUATE.

D. Sewer?
SEWER UTILITIES ARE ADEQUATE.

E. Storm water drainage?
STORM WATER DRAINAGE SYSTEMS ARE ADEQUATE.

F. Solid waste disposal?
SOLID WASTE DISPOSAL SERVICES ARE ADEQUATE.

XVIII. WATER CONSERVATION – Would the proposal result in:

A. Use of excessive amounts of water?
THE PROJECT SITES WOULD NOT RESULT IN EXCESSIVE WATER USAGE.

B. Landscaping which is predominantly non-drought resistant vegetation?
PLEASE SEE XVIII-A ABOVE.

D.

Does the project have environmental effects which would cause substantial adverse effects on human beings, either directly or indirectly?

Yes Maybe No

— — X

THE PROJECT WOULD NOT RESULT IN ANY DIRECT OR INDIRECT ADVERSE EFFECTS TO HUMAN BEINGS.

California Department of Fish and Game, California Natural Diversity Database, "State and Federally-listed Endangered, Threatened, and Rare Plants of California," January 2001.

California Department of Fish & Game, California Natural Diversity Database, "State and Federally-listed Endangered and Threatened Animals of California," January 2001.

X City of San Diego Land Development Code Biology Guidelines.

Site Specific Report: _____

V. Energy

VI. Geology/Soils

X City of San Diego Seismic Safety Study.

U.S. Department of Agriculture Soil Survey - San Diego Area, California, Part I and II, December 1973 and Part III, 1975.

X Site Specific Report: *Geotechnical Investigation for City of San Diego Sewer Pump Station Upgrade Project, Pump Stations 43, 44, 46, 47, 51, 52, 53, 54, 55, 56, 57, 58, 60A, 71, 73, 74, 75, 76, 80, 81, and 82*, prepared by Ninyo & Moore, August 11, 2003 and Revised November 11, 2003

VII. Historical Resources

X City of San Diego Historical Resources Guidelines.

X City of San Diego Archaeology Library.

Historical Resources Board List.

Community Historical Survey:

VIII. Human Health / Public Safety / Hazardous Materials

X San Diego County Hazardous Materials Environmental Assessment Listing, 1996.

San Diego County Hazardous Materials Management Division

FAA Determination

___ San Diego Metropolitan Area Average Weekday Traffic Volume Maps, SANDAG.

___ City of San Diego Progress Guide and General Plan.

___ Site Specific Report: _____

XII. Paleontological Resources

X City of San Diego Paleontological Guidelines.

X Thomas A., and Stephen L. Walsh, "Paleontological Resources City of San Diego," Department of Paleontology San Diego Natural History Museum, 1996.

___ Kennedy, Michael P., and Gary L. Peterson, "Geology of the San Diego Metropolitan Area, California. Del Mar, La Jolla, Point Loma, La Mesa, Poway, and SW 1/4 Escondido 7 1/2 Minute Quadrangles," California Division of Mines and Geology Bulletin 200, Sacramento, 1975.

___ Kennedy, Michael P., and Siang S. Tan, "Geology of National City, Imperial Beach and Otay Mesa Quadrangles, Southern San Diego Metropolitan Area, California," Map Sheet 29, 1977.

___ Site Specific Report: _____

XIII. Population / Housing

___ City of San Diego Progress Guide and General Plan.

___ Community Plan.

___ Series 8 Population Forecasts, SANDAG.

___ Other: _____

XIV. Public Services

___ City of San Diego Progress Guide and General Plan.

___ Community Plan.

XV. Recreational Resources

___ City of San Diego Progress Guide and General Plan.

X Community Plan.

___ Department of Park and Recreation

REQUEST FOR COUNCIL ACTION
CITY OF SAN DIEGO

1. CERTIFICATE NO. (FOR AUDITOR'S)
N/A 102
914

TO: CITY ATTORNEY 2. FROM (ORIGINATING DEPARTMENT): METROPOLITAN WASTEWATER DEPARTMENT 3. DATE: 5/22/2007

4. SUBJECT: Pump Station Upgrades - Group IV - Advertise and Award

5. PRIMARY CONTACT (NAME, PHONE, & MAIL STA.) Craig Whittemore, (858) 292-6471, MS 901 6. SECONDARY CONTACT (NAME, PHONE, & MAIL STA.) Rolf H Lee, (858) 292-6432, MS 901 7. CHECK BOX IF REPORT TO COUNCIL IS ATTACHED

8. COMPLETE FOR ACCOUNTING PURPOSES

FUND	41506	41506			9. ADDITIONAL INFORMATION / ESTIMATED COST:	
DEPT.	773	773			Construction:	\$1,712,043
ORGANIZATION	960	960			Const Mgmt & Rel Costs:	\$695,637
OBJECT ACCOUNT	4278	4905			Subtotal:	\$2,407,680
JOB ORDER	140060	461930			Contingency:	\$85,602
C.I.P. NUMBER	41-929.0/41-932.3	46-193.0			TOTAL THIS REQUEST	\$2,493,282
AMOUNT	\$2,407,680	\$85,602				

10. ROUTING AND APPROVALS

ROUTE (#)	APPROVING AUTHORITY	APPROVAL SIGNATURE	DATE SIGNED	ROUTE (#)	APPROVING AUTHORITY	APPROVAL SIGNATURE	DATE SIGNED
1	ORIG. DEPT.	<i>[Signature]</i>	6/1/07	8	DEPUTY CHIEF	<i>[Signature]</i>	6-26-07
2	E.O.C.	<i>[Signature]</i>	6/8/07	9	AC.O.O.	<i>[Signature]</i>	6/26/07
3	E.A.S.	<i>[Signature]</i>	6/22/07	10	CITY ATTORNEY	<i>[Signature]</i>	7/24/07
4	LIAISON OFFICE	<i>[Signature]</i>		11	ORIG. DEPT. DM	<i>[Signature]</i>	7/26/07
5	F.M.	<i>[Signature]</i>	6/21/07		DOCKET COORD:	COUNCIL LIAISON	
6	AUDITOR	<i>[Signature]</i>	6/25/07		COUNCIL PRESIDENT	<input type="checkbox"/> SPOB <input type="checkbox"/> CONSENT <input type="checkbox"/> ADOPTION	
7					<input type="checkbox"/> REFER TO:	COUNCIL DATE:	

11. PREPARATION OF: RESOLUTIONS ORDINANCE(S) AGREEMENT(S) DEED(S)

- Approving the plans and specifications for the construction of the Citywide Pump Station Upgrades - Group IV - Comfort Stations, as advertised by the Purchasing and Contracting Department.
- Authorizing the Mayor or his designee to execute a contract with the lowest responsible bidder, provided that the City Auditor first furnishes a certificate demonstrating that the funds necessary for expenditure under said contract are, or will be, on deposit in the City treasury.

NOTE: See Continuation Page

11A. STAFF RECOMMENDATIONS: Adopt the Resolutions.

12. SPECIAL CONDITIONS (REFER TO A.R. 3.20 FOR INFORMATION ON COMPLETING THIS SECTION.)

COUNCIL DISTRICT(S): Two (2) and Four (4)
COMMUNITY AREA(S): Mission Bay Park, Harbor Island, and Chollas
ENVIRONMENTAL IMPACT: The City of San Diego, as lead agency under CEQA, has prepared and completed a Mitigated Negative Declaration, LDR File number 31233, dated September 3, 2004, and Mitigation, Monitoring and Reporting Program covering this activity.
ATTACHMENTS: Plans and Specifications
CITY CLERK INSTRUCTIONS: Please forward two copies of the Resolution to MWD, MS 901A, Attn: Rose Salarda.

SECTION 11- PREPARATION OF: RESOLUTIONS, ORDINANCES, ETC. (CONTINUED):

3. Authorizing the expenditure of \$2,493,282 of which \$2,407,680 will be funded from Fund 41506, CIP 41-929.0, Pump Station Upgrades, for the purpose of providing funds for project construction and related costs for Pump Station Upgrades Group IV – Comfort Stations, and \$85,602 will be funded from Fund 41506, CIP 46-193.0, Annual Allocation – Muni Pooled Contingency for the purpose of providing funds for project contingency, contingent upon the approval of the Fiscal Year 2008 Capital Improvement Program and Appropriation Ordinance and provided that the City Auditor first furnishes a certificate demonstrating that the funds necessary for expenditure under established contract are, or will be, on deposit in the City treasury, and authorizing the Auditor and Comptroller, upon advice from the administering department, to transfer excess budgeted funds, if any, to the appropriate reserves.

4. Certifying that the information contained in LDR File Number 31233 has been completed in compliance with the California Environmental Quality Act and State CEQA Guidelines, and that said Mitigated Negative Declaration reflects the independent judgment of the City of San Diego as Lead Agency. Stating for the record that the final Mitigated Negative Declaration has been reviewed and considered prior to approving the project. Adopting the Mitigation, Monitoring, and Reporting Program.

EXECUTIVE SUMMARY SHEET

DATE REPORT ISSUED:	May 15, 2007	REPORT NO.:
ATTENTION:	Council President and City Council	
ORIGINATING DEPARTMENT:	Metropolitan Wastewater Department	
SUBJECT:	Pump Station Upgrades – Group IV – Advertise and Award	
COUNCIL DISTRICT(S):	Two (2) and Four (4)	
STAFF CONTACT:	Rolf H Lee, (858) 292-6432	

REQUESTED ACTION:

Authorize the approval to advertise, bid, and award the construction contract to the lowest responsible bidder and requesting certification of the California Environmental Quality Act (CEQA) document.

STAFF RECOMMENDATION:

Adopt the Resolutions.

EXECUTIVE SUMMARY:

The Citywide Pump Station Upgrade Projects involve four separate groups of construction contracts, totaling 22 sewer pump stations. Citywide Pump Station Upgrades – Group IV – Comfort Stations involves electrical, mechanical, and miscellaneous upgrades of eight sewer pump stations that serve comfort stations in the Mission Bay and Harbor Island areas of the City and the trailers at the City’s Chollas Operations Center. Specifically, it involves station 46 at Chollas; station numbers 52 and 53 on Harbor Island; and station numbers 54, 55, 56, 57, and 58 along the east side of Mission Bay. The upgrades include: the addition of water supply shut-off solenoid valves, radio telemetry systems, new pumps, passive odor-control systems, concrete paving, jib cranes, flow meters, ventilation systems, safety measures, control panels, wet-well level monitoring systems, and inverter upgrades for motor protection.

All of these pump stations are identified in the Final Consent Decree as required projects.

A Final Mitigated Negative Declaration (MND), including an Initial Study Discussion, was prepared in 2004.

FISCAL CONSIDERATIONS:

The total of this request is \$2,493,282 of which \$2,407,680 will be available in Sewer Fund 41506, CIP 41-929.0, Pump Station Upgrades, and \$85,602 will be available in Sewer Fund 41506, CIP 46-193.0, Annual Allocation – Muni Pooled Contingency, contingent upon the approval of the Fiscal Year 2008 Capital Improvement Program and Appropriation Ordinance. The project costs may be bond reimbursed approximately 80% by current or future debt financings. An Auditor’s Certificate will be issued prior to contract award.

PREVIOUS COUNCIL and/or COMMITTEE ACTION:

This action was reviewed and approved by the Natural Resources and Culture Committee on October 6, 2004.

COMMUNITY PARTICIPATION AND PUBLIC OUTREACH EFFORTS:

MWWD staff will present these projects to the Mission Bay Park Committee as an informational item prior to the award of the contract. The Committee has been advised of these projects previously and is a proponent of the projects. MWWD staff will continue to coordinate this project with staff from the Park and Recreation Department.

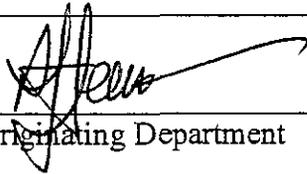
Pre-construction notices will give the public notice of the upcoming rehabilitation, and temporary facilities will be provided for the public during temporary shut-downs, if required.

KEY STAKEHOLDERS & PROJECTED IMPACTS (if applicable):

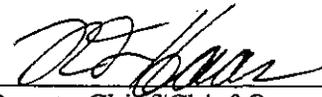
Those who enjoy Mission Bay Park, Harbor Island, and those who use the applicable trailers at the Chollas yard.

Park and Recreation Department – MWWD is working with them to sufficiently coordinate and facilitate the project.

MWWD will be able to better monitor and prevent sewer spills, minimize station downtime, and respond more quickly to alarms through the implementation of this CIP.



Originating Department



Deputy Chief/Chief Operating Officer



Land Development
Review Division
(619) 446-5460

EXHIBIT A

Mitigated Negative Declaration

Project No. 31233
SCH No. N/A

SUBJECT: Citywide Sewer Pump Station Upgrades COUNCIL APPROVAL to allow for various upgrades to twenty-two Sewer Pump Stations (SPS) throughout the City of San Diego - Metropolitan Wastewater Department service area. Upgrades to the existing facilities would include the following improvements: installation of emergency underground storage tanks, construction of secondary force mains, ventilation system improvements, installation of emergency generators, electrical upgrades, drainage system improvements, various site improvements, and installation of Supervisory Control and Data Acquisition (SCADA) interfaces. The overall project would be divided into four construction packages: Group I - North City Pump Station Upgrades; Group II - Citywide Pump Station Upgrades; Group III - Forcemain Upgrades; Group IV - Comfort Station Upgrades. The project sites are located within the following community planning areas: Otay Mesa-Nestor, Otay Mesa, Barrio Logan, Mid-City, Greater Golden Hill, Centre City, MCRD, Midway, Ocean Beach, Peninsula, Old Town, Uptown, Balboa Park, Greater North Park, Mission Bay, Pacific Beach, La Jolla, University, Torrey Pines, Sorrento Hills, Black Mountain, North City Future Urbanizing Area, Clairemont Mesa, MCAS Miramar, Sabre Springs, Miramar Ranch, Rancho Bernardo, Mira Mesa, Mission Valley, and Linda Vista. Applicant: City of San Diego Metropolitan Wastewater Department.

UPDATE:

Minor revisions have been made to this Mitigated Negative Declaration subsequent to the distribution of the draft document for public review and comment. Revisions are denoted by ~~strikeout~~ and underline.

- I. PROJECT DESCRIPTION: See attached Initial Study.
- II. ENVIRONMENTAL SETTING: See attached Initial Study.
- III. DETERMINATION:

The City of San Diego conducted an Initial Study which determined that the proposed project could have a significant environmental effect in the following areas(s): HISTORICAL RESOURCES AND PALEONTOLOGICAL RESOURCES. Subsequent revisions in the project proposal create the specific mitigation identified in Section V. of this Mitigated Negative Declaration. The project as revised now avoids or mitigates the potentially significant environmental effects previously identified, and the preparation of an Environmental Impact Report will not be required.

IV. DOCUMENTATION:

The attached Initial Study documents the reasons to support the above Determination.

V. MITIGATION, MONITORING AND REPORTING PROGRAM:

HISTORICAL RESOURCES**Prior to Preconstruction (Precon) Meeting**

1. Land Development Review (LDR) Plan Check
 - a. Prior to the first Precon Meeting, the Assistant Deputy Director (ADD) of LDR shall verify that the requirements for Archaeological Monitoring and Native American monitoring, if applicable, have been noted on the appropriate construction documents.
2. Letters of Qualification have been submitted to ADD
 - a. Prior to the first Precon Meeting, the applicant shall provide a letter of verification to the ADD of LDR stating that a qualified Archaeologist, as defined in the City of San Diego Historical Resources Guidelines (HRG), has been retained to implement the monitoring program. **If applicable, individuals involved in the archaeological monitoring program must have completed the 40-hour HAZWOPER training with certification documentation.**
3. Second Letter Containing Names of Monitors has been sent to Mitigation Monitoring Coordination (MMC)

At least thirty days prior to the Precon Meeting a second letter shall be submitted to MMC which shall include the name of the Principal Investigator (PI) and the names of all persons involved in the Archaeological Monitoring of the project. MMC will provide Plan Check with a copy of both the first and second letter.
4. Records Search Prior to Precon Meeting

At least thirty days prior to the Precon Meeting the qualified Archaeologist shall verify that a records search has been completed and updated as necessary and be prepared to introduce any pertinent information concerning expectations and probabilities of discovery during trenching and/or grading activities. Verification includes, but is not limited to a copy of a confirmation letter from South Coast Information Center, or, if the search was in-house, a letter of verification from the PI stating that the search was completed.

Precon Meeting

1. Monitor Shall Attend Precon Meetings
 - a. Prior to beginning any work that requires monitoring, the Applicant shall arrange a Precon Meeting that shall include the Archaeologist, Construction Manager and/or Grading Contractor, Resident Engineer (RE), Building Inspector (BI), if appropriate, and MMC. The qualified Archaeologist shall attend any grading related Precon Meetings to make comments and/or suggestions concerning the Archaeological Monitoring program with the Construction Manager and/or Grading Contractor.
 - b. If the Monitor is not able to attend the Precon Meeting, the RE or BI, if appropriate, will schedule a focused Precon Meeting for MMC, EAS staff, as appropriate,

will schedule a focused Precon Meeting for MMC, EAS staff, as appropriate, Monitors, Construction Manager and appropriate Contractor's representatives to meet and review the job on-site prior to start of any work that requires monitoring.

2. Units of Measure and Cost of Curation for CIP or Other Public Projects
 - a. Units of measure and cost of curation will be discussed and resolved at the Precon Meeting prior to start of any work that requires monitoring.
3. Identify Areas to be Monitored

At the Precon Meeting, the Archaeologist shall submit to MMC a copy of the site/grading plan (reduced to 11x17) that identifies areas to be monitored as well as areas that may require delineation of grading limits.
4. When Monitoring Will Occur
 - a. Prior to the start of work, the Archaeologist shall also submit a construction schedule to MMC through the RE or BI, as appropriate, indicating when and where monitoring is to begin and shall notify MMC of the start date for monitoring.

During Construction

1. Monitor shall be Present During Grading/Excavation

The qualified Archaeologist shall be present full-time during grading/excavation of native soils and shall document activity via the Consultant Site Visit Record. This record shall be sent to the RE or BI, as appropriate, each month. The RE, or BI as appropriate, will forward copies to MMC.
2. Monitoring of Trenches Will Include Mainline, Laterals, and all Appurtenances
 - a. Monitoring of trenches is required for the mainline, laterals, services and all other appurtenances that impact native soils one foot deeper than existing as detailed on the plans or in the contract documents identified by drawing number or plan file number. *It is the Construction Manager's responsibility to keep the monitors up-to-date with current plans.*
3. Discoveries
 - a. Discovery Process
 - (1) In the event of a discovery, and when requested by the Archaeologist, or the PI if the Monitor is not qualified as a PI, the RE or BI, as appropriate, shall be contacted and shall divert, direct or temporarily halt ground disturbing activities in the area of discovery to allow for preliminary evaluation of potentially significant archaeological resources. The PI shall also immediately notify MMC of such findings at the time of discovery. MMC will coordinate with appropriate LDR staff.
 - b. Determination of Significance
 - (1) The significance of the discovered resources shall be determined by the PI in consultation with LDR and the Native American Community, if applicable. LDR must concur with the evaluation before grading activities will be allowed to resume. For significant archaeological resources, a Research Design and Data Recovery Program shall be prepared, approved by DSD and carried out to mitigate impacts before ground disturbing activities in the area of discovery will be allowed to resume.

c. Minor Discovery Process for Pipeline Projects

For all projects: The following is a summary of the criteria and procedures related to the evaluation of **small historic deposits** during excavation for pipelines.

(1) Coordination and Notification

- (a) Archaeological Monitor shall notify RE, or BI, as appropriate, PI, if monitor is not qualified as a PI, and MMC.
- (b) MMC shall notify the Senior Planner in the Environmental Analysis Section (EAS) of DSD.
- (c) MMC shall coordinate all historic discoveries with the applicable Senior Planner, PI and the RE, to determine the appropriate level of evaluation that should occur.

(2) Criteria used to determine if it is a Small Historic Deposit

- (a) The deposit is limited in size both in length and depth; and,
- (b) The information value is limited and is not associated with any other resources; and,
- (c) There are no unique features/artifacts associated with the deposit.
- (d) A preliminary description and photographs, if available, shall be transmitted to MMC.
- (e) MMC will forward the information to EAS for consultation and verification that it is a small historic deposit.

(3) Procedures for documentation, curation and reporting

- The following constitutes adequate mitigation of a small historic deposit to reduce impacts due to excavation activities to below a level of significance.
- (a) 100% of the artifacts within the trench alignment and width shall be documented in-situ, to include photographic records, plan view of the trench and profiles of side walls, recovered, photographed after cleaning and analyzed and curated.
 - (b) The remainder of the deposit within the limits of excavation (trench walls) shall be left intact.
 - (c) If site significance can not be determined, the Final Results Report and Site Record (DPR Form 523A/B) shall identify the deposit as Apotentially significant.
 - (d) The Final Results Report shall include a requirement for monitoring of any future work in the vicinity.

4. Human Remains

If human remains are discovered, work shall halt in that area and the following procedures set forth in the California Public Resources Code (Sec. 5097.98) and State Health and Safety Code (Sec. 7050.5) will be taken:

a. Notification

- (1) Archaeological Monitor shall notify the RE or BI as appropriate, MMC, and the PI, if the Monitor is not qualified as a PI. MMC will notify the appropriate Senior Planner in the Environmental Analysis Section (EAS).

-
- (2) The PI shall notify the Medical Examiner after consultation with the RE, either in person or via telephone.
-

b. Isolate discovery site

- (1) Work will be directed from the location of the discovery and any nearby area reasonably suspected to overlay adjacent human remains until a determination can be made by the Medical Examiner in consultation with the PI concerning the provenience of the remains.
- (2) The Medical Examiner, in consultation with the PI, shall determine the need for a field examination to determine the provenience.
- (3) If a field examination is not warranted, the Medical Examiner shall determine with input from the PI, if the remains are or are most likely to be of Native American origin.

c. If Human Remains are determined to be Native American

- (1) The Medical Examiner shall notify the Native American Heritage Commission (NAHC). By law, **ONLY** the Medical Examiner can make this call.
- (2) The NAHC will contact the PI within 24 hours or sooner, after Medical Examiner has completed coordination.
- (3) NAHC will identify the person or persons determined to be the Most Likely Descendent (MLD) and provide contact information.
- (4) The PI will coordinate with the MLD for additional consultation.
- (5) Disposition of Native American Human Remains will be determined between the MLD and the PI, IF:
 - (a) The NAHC is unable to identify the MLD, OR the MLD failed to make a recommendation within 24 hours after being notified by the Commission; OR;
 - (b) The landowner or authorized representative rejects the recommendation of the MLD and mediation in accordance with PRC 5097.94 (k) by the NAHC fails to provide measures acceptable to the landowner.

d. If Human Remains are NOT Native American

- (1) The PI shall contact the Medical Examiner and notify them of the historic era context of the burial.
- (2) The Medical Examiner will determine the appropriate course of action with the PI and City staff (PRC 5097.98).
- (3) If the remains are of historic origin, they shall be appropriately removed and conveyed to the Museum of Man for analysis. The decision for reinterment of the human remains shall be made in consultation with MMC, EAS, the applicant department and/or Real Estate Assets Department (READ) and the Museum of Man.

5. Night Work

If night work is included in the contract

- (1) When night work is included in the contract package, the extent and timing shall be presented and discussed at the precon meeting.

(2) The following procedures shall be followed:

(a) No Discoveries

In the event that nothing was found during the night work, The PI will record the information on the Site Visit Record Form.

(b) Minor Discoveries

All Minor Discoveries will be processed and documented using the existing procedures under **During Construction**; 3. c., for Small Historic Discoveries, with the exception in **During Construction**; 3. c. (1)(a), that the PI will contact MMC by 9 A.M. the following morning.

(c) Potentially Significant Discoveries

If the PI determines that a potentially significant discovery has been made, the procedures under **During Construction**; 3. a. & b, will be followed, with the exception that in **During Construction**; 3. a., the PI will contact MMC by 8AM the following morning to report and discuss the findings.

If night work becomes necessary during the course of construction

(1) The Construction Manager shall notify the RE, or BI, as appropriate, a minimum of 24 hours before the work is to begin.

(2) The RE, or BI, as appropriate, will notify MMC immediately.

c. All other procedures described above will apply, as appropriate.

6. Notification of Completion

a. The Archaeologist shall notify MMC and the RE or the BI, as appropriate, in writing of the end date of monitoring.

Post Construction

1. Handling and Curation of Artifacts and Letter of Acceptance

The Archaeologist shall be responsible for ensuring that all cultural remains collected are cleaned, catalogued, and permanently curated with an appropriate institution; that a letter of acceptance from the curation institution has been submitted to MMC; that all artifacts are analyzed to identify function and chronology as they relate to the history of the area; that faunal material is identified as to species; and that specialty studies are completed, as appropriate.

Curation of artifacts associated with the survey, testing and/or data recovery for this project shall be completed in consultation with LDR and the Native American representative, as applicable.

2. Final Results Reports (Monitoring and Research Design and Data Recovery Program)

a. Within three months following the completion of monitoring, two copies of the Final Results Report (even if negative) and/or evaluation report, if applicable, which describes the results, analysis, and conclusions of the Archaeological Monitoring Program (with appropriate graphics) shall be submitted to MMC for approval by the ERM of LDR.

- b. For significant archaeological resources encountered during monitoring, the Research Design and Data Recovery Program shall be included as part of the Final Results Report.
- c. MMC shall notify the RE or BI, as appropriate, of receipt of the Final Results Report.

Recording Sites with State of California Department of Park and Recreation
The Archaeologist shall be responsible for recording (on the appropriate State of California Department of Park and Recreation forms-DPR 523 A/B) any significant or potentially significant resources encountered during the Archaeological Monitoring Program in accordance with the City's Historical Resources Guidelines, and submittal of such forms to the South Coastal Information Center with the Final Results Report.

PALEONTOLOGICAL RESOURCES

Prior to preconstruction (precon) meeting

1. Land Development Review (LDR) Plan Check
 - a. Prior to the first Precon Meeting, the Assistant Deputy Director (ADD) of LDR shall verify that the requirements for Paleontological Monitoring have been noted on the appropriate construction documents.
2. Letters of Qualification have been submitted to ADD
 - a. Prior to the first Precon Meeting, the applicant shall provide a letter of verification to the ADD of LDR stating that a qualified Paleontologist, as defined in the City of San Diego Paleontological Guidelines, has been retained to implement the monitoring program.
3. Second Letter Containing Names of Monitors has been sent to Mitigation Monitoring Coordination (MMC).
 - a. At least thirty days prior to the Precon Meeting, a second letter shall be submitted to MMC which shall include the name of the Principal Investigator (PI) and the names of all persons involved in the Paleontological Monitoring of the project. MMC will provide Plan Check with a copy of both the first and second letter.
4. Records Search Prior to Precon Meeting
 - a. At least thirty days prior to the Precon meeting, the qualified Paleontologist shall verify that a records search has been completed, and updated as necessary, and be prepared to introduce any pertinent information concerning expectations and probabilities of discovery during trenching and/or grading activities. Verification includes, but is not limited to, a copy of a confirmation letter from the San Diego Natural History Museum, other institution, or, if the record search was in-house, a letter of verification from the PI stating that the search was completed.

Precon Meeting

1. Monitor Shall Attend Precon Meetings

Prior to beginning of any work that requires monitoring, the Applicant shall arrange a Precon Meeting that shall include the Paleontologist, Construction Manager and/or Grading Contractor, Resident Engineer (RE), Building inspector (BI), and

~~MMC. The qualified Paleontologist shall attend any grading related Precon Meetings to make comments and/or suggestions concerning the Paleontological Monitoring Program with the Construction Manager and/or Grading Contractor.~~

- b. If the Monitor is not able to attend the Precon Meeting, the RE, or BI as appropriate, will schedule a focused Precon Meeting for MMC, Monitors, Construction Manager and appropriate Contractor=s representatives to meet and review the job on-site prior to start of any work that requires monitoring.
2. Identify Areas to be Monitored
At the Precon Meeting, the Paleontologist shall submit to MMC a copy of the site/grading plan (reduced to 11x17) that identifies areas to be monitored.
 3. When Monitoring Will Occur
Prior to the start of work, the Paleontologist also shall submit a construction schedule to MMC through the RE, or BI, as appropriate, indicating when and where monitoring is to begin and shall notify MMC of the start date for monitoring.

During Construction

1. Monitor shall be Present During Grading/Excavation
The qualified Paleontologist shall be present full-time during the initial cutting of previously undisturbed formations with high and moderate resource sensitivity at depths of 10 feet or more (measured from existing grade), and shall document activity via the Consultant Site Visit Record (form). This form shall be sent to the RE, or BI as appropriate, each month. The RE, or BI as appropriate, will forward copies to MMC.
2. Monitoring of Trenches Will Include Mainline, Laterals, and all Appurtenances
Monitoring is required for the mainline, laterals, services and all other appurtenances that impact formations with high and moderate resource at depths of 10 feet or greater as detailed on the plans or in the contract documents, identified by drawing number or plan file number. *It is the contractor's responsibility to keep the monitors up-to-date with current plans.*
3. Discoveries
 - a. Minor Paleontological Discovery
In the event of a minor Paleontological discovery (small pieces of broken common shell fragments or other scattered common fossils) the Paleontologist shall notify the RE, or BI as appropriate, that a minor discovery has been made. The determination of significance shall be at the discretion of the qualified Paleontologist. The Paleontologist will continue to monitor the area and immediately notify the RE, or BI as appropriate, if a potential significant discovery emerges.
 - b. Significant Paleontological Discovery
In the event of a significant Paleontological discovery, and when requested by the Paleontologist, the city RE, or BI as appropriate, shall be notified and shall divert,

~~direct, or temporarily halt construction activities in the area of discovery to allow~~
~~recovery of fossil remains. The determination of significance shall be at the~~
~~discretion of the qualified Paleontologist. The Paleontologist with Principal~~
Investigator (PI) level evaluation responsibilities shall also immediately notify
MMC staff of such finding at the time of discovery. MMC staff will coordinate with
appropriate LDR staff.

4. Night Work

a. If night work is included in the contract

- (1) When night work is included in the contract package, the extent and timing shall be presented and discussed at the precon meeting.
- (2) The following procedures shall be followed:
 - (a) No Discoveries

In the event that nothing was found during the night work, The PI will record the information on the Site Visit Record Form.

b. Minor Discoveries

- (1) All Minor Discoveries will be processed and documented using the existing procedures under 3.a., with the exception that the RE will contact MMC by 9 A.M. the following morning.

Potentially Significant Discoveries

- (1) If the PI determines that a potentially significant discovery has been made, the procedures under 3.b., will be followed, with the exception that the RE will contact MMC by 8 A.M. the following morning to report and discuss the findings.

d. If night work becomes necessary during the course of construction

- (1) The Construction Manager shall notify the RE, or BI, as appropriate, a minimum of 24 hours before the work is to begin.
- (2) The RE, or BI, as appropriate, will notify MMC immediately.

All other procedures described above will apply, as appropriate.

5. Notification of Completion

The Paleontologist shall notify MMC and the RE, or BI as appropriate, of the end date of monitoring.

Post Construction

The Paleontologist shall be responsible for preparation of fossils to a point of curation as defined by the City of San Diego Paleontological Guidelines.

1. Submit Letter of Acceptance from Local Qualified Curation Facility.

The Paleontologist shall be responsible for submittal of a letter of acceptance to ADD of LDR from a local qualified curation facility. A copy of this letter shall be forwarded to MMC.

2. If Fossil Collection is not Accepted, Contact LDR for Alternatives

If the fossil collection is not accepted by a local qualified curation facility for reasons other than inadequate preparation of specimens, the project Paleontologist shall contact LDR, to suggest an alternative disposition of the collection. MMC shall be notified in writing of the situation and resolution.

3. Recording Sites with San Diego Natural History Museum

The Paleontologist shall be responsible for the recordation of any discovered fossil sites at the San Diego Natural History Museum.

4. Final Results Report

Within three months following the completion of grading/trenching, two copies of the Final Results Report (even if negative), which describes the results, analysis, and conclusions of the above Paleontological Monitoring Program (with appropriate graphics) shall be submitted to MMC for approval by the ADD of LDR and one additional copy shall be sent to the RE or BI, as appropriate.

MMC shall notify the RE or BI, as appropriate, of receipt of the Final Results Report.

VI. PUBLIC REVIEW DISTRIBUTION:

Draft copies or notice of this Mitigated Negative Declaration were distributed to:

Federal

U.S. Border Patrol (22)

MCAS Miramar (13)

State

California Coastal Commission (48)

California Department of Parks and Recreation (40)

City of San Diego

Councilmember Zucchet, District 2

Councilmember Maienschein, District 5

Councilmember Lewis, District 4

Councilmember Atkins, District 3

Councilmember Peters, District 1

Councilmember Inzunza, District 8

Councilmember Lewis, District 4

Councilmember Frye, District 6

Councilmember Madaffer, District 7

Development Services Department

Engineering and Capital Projects, Riyadh Makani (908A)

Engineering and Capital Projects, Reza Taleghani (614)

Mission Bay Park Committee (320)

Peninsula Community Service Center (389)

Library, Gov't documents (81)

Parks and Recreation Department (83)

Others

San Diego Unified Port Authority (109)

Peninsula Community Planning Board (390)

Carmel Mountain Ranch Community Council (344)

Rancho Penasquitos Community Council (378)

Rancho Penasquitos Planning Board (380)

Rancho Bernardo Community Council (398)

Rancho Bernardo Community Planning Board (400)

Scripps Ranch Community Planning Group (437)

~~Miramar Ranch North Planning Committee (439)~~
 South Coastal Information Center, San Diego State University (210)
 Save Our Heritage Organisation (214)
 San Diego County Archaeological Society, Inc. (218)
 San Diego Archaeological Center (212)
 Dr. Jerry Schaefer (208)
 Dr. Lynne Christenson (208A)
 Ron Christman (215)
 Louie Guassac (215A)
 Kumeyaay Cultural Repatriation Committee (225)
 Barona Group of Capitan Grande Band of Mission Indians* (225A)
 Campo Band of Mission Indians* (225B)
 Cuyapaipe Band of Mission Indians* (225C)
 Inaja and Cosmit Band of Mission Indians* (225D)
 Jamul Band of Mission Indians* (225E)
 Posta Band of Mission Indians* (225F)
 Manzanita Band of Mission Indians* (225G)
 Sycuan Band of Mission Indians* (225H)
 Viejas Group of Capitan Grande Band of Mission Indians* (225I)
 Mesa Grande Band of Mission Indians* (225J)
 San Pasqual Band of Mission Indians* (225K)
 Santa Ysabel Band of Diegueño Indians* (225L)
 La Jolla Band of Mission Indians* (225M)
 Pala Band of Mission Indians* (225N)
 Pauma Band of Mission Indians* (225O)
 Pechanga Band of Mission Indians* (225P)
 Rincon Band of Luiseno Mission Indians* (225Q)
 Los Coyotes Band of Mission Indians* (225R)
 *public notice only

VII. RESULTS OF PUBLIC REVIEW:

- (X) No comments were received during the public input period.
- () Comments were received but did not address the draft Mitigated Negative Declaration finding or the accuracy/completeness of the Initial Study. No response is necessary. The letters are attached.
- () Comments addressing the findings of the draft Mitigated Negative Declaration and/or accuracy or completeness of the Initial Study were received during the public input period. The letters and responses follow.

Copies of the draft Mitigated Negative Declaration, the Mitigation, Monitoring and Reporting Program and any Initial Study material are available in the office of the Land Development Review Division for review, or for purchase at the cost of reproduction.


Myra Herrmann, Senior Planner
Development Services Department

August 6, 2004
Date of Draft Report

August 30, 2004
Date of Final Report

Analyst: K. Forburger

001565

City of San Diego
Development Services Department
LAND DEVELOPMENT REVIEW DIVISION
1222 First Avenue, Mail Station 501
San Diego, CA 92101
(619) 446-5460

INITIAL STUDY
PTS No. 31233

SUBJECT: Citywide Sewer Pump Station Upgrades COUNCIL APPROVAL to allow for various upgrades to twenty-two Sewer Pump Stations (SPS) throughout the City of San Diego - Metropolitan Wastewater Department service area. The upgrades would comprise the following improvements: installation of emergency underground storage tanks, construction of secondary force mains, ventilation system improvements, installation of emergency generators, electrical upgrades, drainage system improvements, various site improvements, and installation of Supervisory Control and Data Acquisition (SCADA) interfaces. The overall project would be divided into four construction packages: Group I - North City Pump Station Upgrades; Group II - Citywide Pump Station Upgrades; Group III - Forcemain Upgrades; Group IV - Comfort Station Upgrades. The project sites are located within the following community planning areas: Otay Mesa-Nestor, Otay Mesa, Barrio Logan, Mid-City, Greater Golden Hill, Centre City, MCRD, Midway, Ocean Beach, Peninsula, Old Town, Uptown, Balboa Park, Greater North Park, Mission Bay, Pacific Beach, La Jolla, University, Torrey Pines, Sorrento Hills, Black Mountain, North City Future Urbanizing Area, Clairemont Mesa, MCAS Miramar, Sabre Springs, Miramar Ranch, Rancho Bernardo, Mira Mesa, Mission Valley, and Linda Vista. Applicant: City of San Diego Metropolitan Wastewater Department

I. PURPOSE AND MAIN FEATURES:

The proposed project would allow for the upgrades of 22 Sewer Pump Station (SPS) facilities located throughout the City of San Diego. As directed by an Administrative Order issued by the United States Environmental Protection Agency (EPA) to the City of San Diego, Metropolitan Wastewater Department (MWWD) is required to inspect, clean, and/or upgrade existing wastewater facilities. As a result, MWWD is proposing to implement various upgrades to 22 Sewer Pump Stations (SPS) throughout the City of San Diego. Pump Stations to be upgraded under this project include the following stations: 43, 44, 46, 47, 51, 52, 53, 54, 55, 56, 57, 58, 60A, 71, 73, 74, 75, 76, 80, 81, and 82 (for locations of Pump Stations, see Figures 1-5). Upgrades would vary for each facility and generally comprise of one of, or a combination of the following improvements: (a) installation of emergency underground storage tanks, (b) construction of secondary force mains, (c) ventilation system improvements, (d) installation of emergency generators, (e) electrical upgrades, (f) drainage system improvements, (g) various site improvements, (h) and installation of Supervisory Control and Data Acquisition (SCADA) interfaces.

For construction purposes, the overall project would be divided into four groups. The four groups are identified as:

- Group I: North City Pump Station Upgrades (71, 73, 74, 75, 76, 80, and 82);
- Group II: Citywide Pump Station Upgrades (43, 44, 47, 51, and 60A);
- Group III: Forcemain Upgrades (44, 51, 54, 60A, 71, 73, 74, 75, 76, 80, 81, and 82)

Group IV: Comfort Station Upgrades (46, 52, 53, 54, 55, 56, 57, and 58)

The project has been reviewed by the City of San Diego Development Services Department (DSD) for compliance with the Land Development Code and as such, has been determined to be exempt from a Site Development Permit and Coastal Development Permit. Furthermore, the project would not result in any significant effects to the environment or pose significant risk to public health and safety. The project would involve excavations within areas having a high potential to yield archaeological as well as paleontological resources. All equipment would be staged in existing right-of-ways adjacent to the proposed Sewer Pump Station of repair. Mitigation would be incorporated into the project to reduce potentially adverse effects to archaeological resources, and paleontological resources during grading activities into undisturbed soils. In addition, the contract documents would include specific storm water pollution control and management requirements in compliance with the Federal Clean Water Act, Municipal Storm Water/National Pollutant Discharge Elimination System Permit. SPS is located within the California Coastal Commission jurisdiction and requires approval and issuance of a State Coastal Development Permit.

Pump stations 43, 47, 52, 53, 54, 55, 56, 57, 58, 82, and Forcemain 54 are located within the California Coastal Commission jurisdiction and would require approval of State Coastal Development Permit (for locations of Pump Stations, see Figures 1-5). Proposed work for SPS's 52 and 53 are located on San Diego Unified Port District jurisdiction and as such would require review and approval by the agency.

During the construction phase of the project, anticipated work hours would occur during the daytime, Monday through Friday. The contractor would comply with the requirements described in the *Standard Specifications for Public Works Construction*, and California Department of Transportation *Manual of Traffic Controls for Construction and Maintenance Work Zones*. A traffic control plan would be prepared and implemented in accordance with the *City of San Diego Standard Drawings Manual of Traffic Control for Construction and Maintenance Work Zones*.

II. ENVIRONMENTAL SETTING:

The project sites are fully developed and located on either man-made land, disturbed soils, or native soils. All of the sites are located outside of Environmentally Sensitive Lands (ESL) and the Multi-Habitat Planning Area (MHPA). Pump Stations 43, 47, 52, 53, 54, 55, 56, 57, 58 are located within the State Coastal Zone, and Pump Station 44 is located within the City of San Diego Coastal Zone. The SPS's are surrounded by various land uses including public park land, open space, residential, industrial, parking lot, and public right-of-way.

III. ENVIRONMENTAL ANALYSIS: See attached Initial Study checklist.

IV. DISCUSSION:

The following environmental issues were analyzed and determined to be significant.

Historical Resources (Archaeology)

San Diego County is known for intense and diverse prehistoric occupation and important archaeological resources. These areas have been inhabited by various cultural groups spanning 10,000 years or more. Camp sites and villages have been recorded from Del Mar to Tijuana. Additionally, previously recorded archaeological sites have been identified within a one-mile radius of the project area. Based on this information, there is a potential that buried archaeological resources could be impacted during excavation related to the installation of underground tanks. The table below identifies the Sewer Pump Stations that would result in excavations extending beyond existing artificial fill material and as such would require monitoring by a qualified archaeologist:

**Sewer Pump Station Upgrades –
Archaeological Monitoring Required**

Sewer Pump Station	Geologic Data
44	Artificial Fill to 6 feet, underlain by alluvium.
51	Artificial Fill to 16.5 feet.
60A	Artificial Fill to 4-6 feet, underlain by Mission Valley Formation
71	Artificial Fill to 14 feet, underlain by Friars Formation
73	Artificial Fill to 9 feet, underlain by Friars and possibly Mission Valley Formations
74	Artificial Fill to 5.5 feet, underlain by Friars & Mission Valley formation in the vicinity
75	Artificial Fill to 4 feet, underlain by colluvium to 8 feet and granite bedrock
76	Artificial Fill at 7 and 3 feet, underlain by colluvium and granite bedrock
80	Artificial fill up to 15 feet, underlain by alluvium and Friars formation
82	Artificial fill up to 5-9.5 feet, underlain by Torrey Sandstone

Therefore, in order to mitigate potentially significant impacts to archaeological resources, an archaeological monitoring program for excavation work that involves previously undisturbed soils would be implemented. This program requires that an archaeological monitoring program managed by a qualified archaeologist be required during all construction involving new excavations and/or deeper trench work into native soils. If cultural deposits are discovered, excavation would temporarily cease to allow evaluation, recordation, and recovery of cultural material. With implementation of the archaeological monitoring program, impacts to cultural resources would be reduced to below a level of significance.

Paleontological Resources

The project proposes excavations for tank installations into undisturbed soils at depths beyond existing fill. The excavations are considered potentially significant impact to paleontological resources therefore mitigation is required. The following project sites that would require monitoring by a qualified Paleontological Monitor are listed in the table below:

**Sewer Pump Station Upgrades -
Paleontological Monitoring Required**

Sewer Pump Station	Geologic Data
60A	Artificial Fill to 4-6 feet, underlain by Mission Valley Formation
71	Artificial Fill to 14-feet, underlain by Friars Formation
73	Artificial Fill to 9-feet, underlain by Friars and possibly Mission Valley Formations
74	Artificial Fill to 5.5-feet underlain by colluvium to 8-feet, and granite bedrock
80	Artificial Fill up to 15-feet, underlain by alluvium and Friars Formation
82	Artificial Fill up to 5-9.5-feet, underlain by Torrey Sandstone

A Mitigation Monitoring and Reporting Program (MMRP) would be required for implementation. This program requires that a qualified paleontological monitor be present during all ground disturbance activities in previously undisturbed soils with moderate potential to produce fossilized resources. If paleontological deposits are discovered, excavation would temporarily cease to allow evaluation, recordation, and recovery of material. With implementation of this monitoring program, impacts to paleontological resources would be reduced to below a level of significance.

~~The following environmental issues were analyzed and determined to be less than significant:~~

Water Quality

The proposed project has the potential to result in downstream effects to State of California Listed Impaired Water Bodies from associated transport of construction runoff and/or dewatering activities. As such, the proposed project is required to comply with the Federal Clean Water Act (33 U.S.C. 1368) and the Municipal Stormwater National Pollutant Discharge Elimination System (NPDES) Permit. ~~The Contract Specifications would require the preparation and implementation of construction Best Management Practices (BMP's), a Storm Water Pollution Prevention Plan (SWPPP), Water Pollution Control Plan (WPCR), and a Water Pollution Control site Management Plan (WRCSMP).~~ Furthermore, review and approval by the City Resident Engineer of the aforementioned water quality management plans would be achieved before commencement of any

construction activities and as such, potential effects to water quality are considered less than significant and no mitigation is required.

Geology

Geologic Reconnaissance Reports were completed for each of each of the proposed sewer pump station and forcemain upgrades project locations. The project site lies within areas designated as low, moderate, and high development risks by the City of San Diego as shown within the Seismic Safety Study Maps. Geotechnical Reports for each pump station were prepared by Ninyo & Moore, August 11, 2003 and Revised November 11, 2003 and were submitted for review by Land Development Review (LDR). The reports are available for public review at the Offices of LDR at 1222 First Avenue, 5th floor.

The reports concluded that the project sites would not result in significant geologic hazards. Proper engineering design of all new structures as recommended by the geotechnical reports would ensure that the potential for geologic impacts from regional hazards would be considered less than significant.

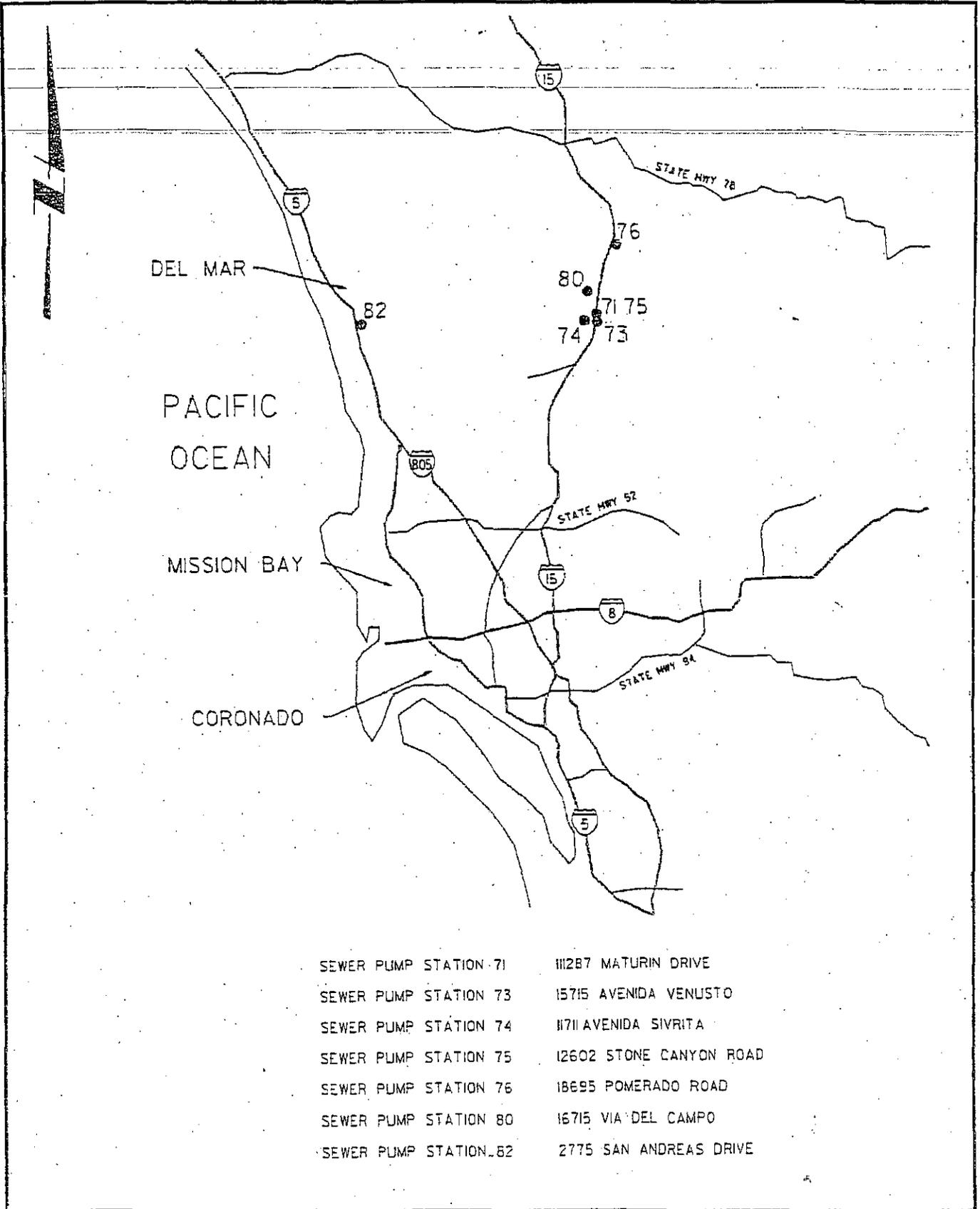
V. RECOMMENDATION:

On the basis of this initial evaluation:

- The proposed project would not have a significant effect on the environment, and a NEGATIVE DECLARATION should be prepared.
- Although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described in Section IV above have been added to the project. A MITIGATED NEGATIVE DECLARATION should be prepared.
- The proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT should be required.

PROJECT ANALYST: K. Forburger

- Attachments:
1. Figure 1: Location Map - Group I
 2. Figure 2: Location Map - Group II
 3. Figure 3: Location Map - Group III
 4. Figure 4: Location Map - Group IV
 5. Figure 5: Sewer Pump Station and Forcemain Upgrade Addresses
 6. Initial Study Checklist

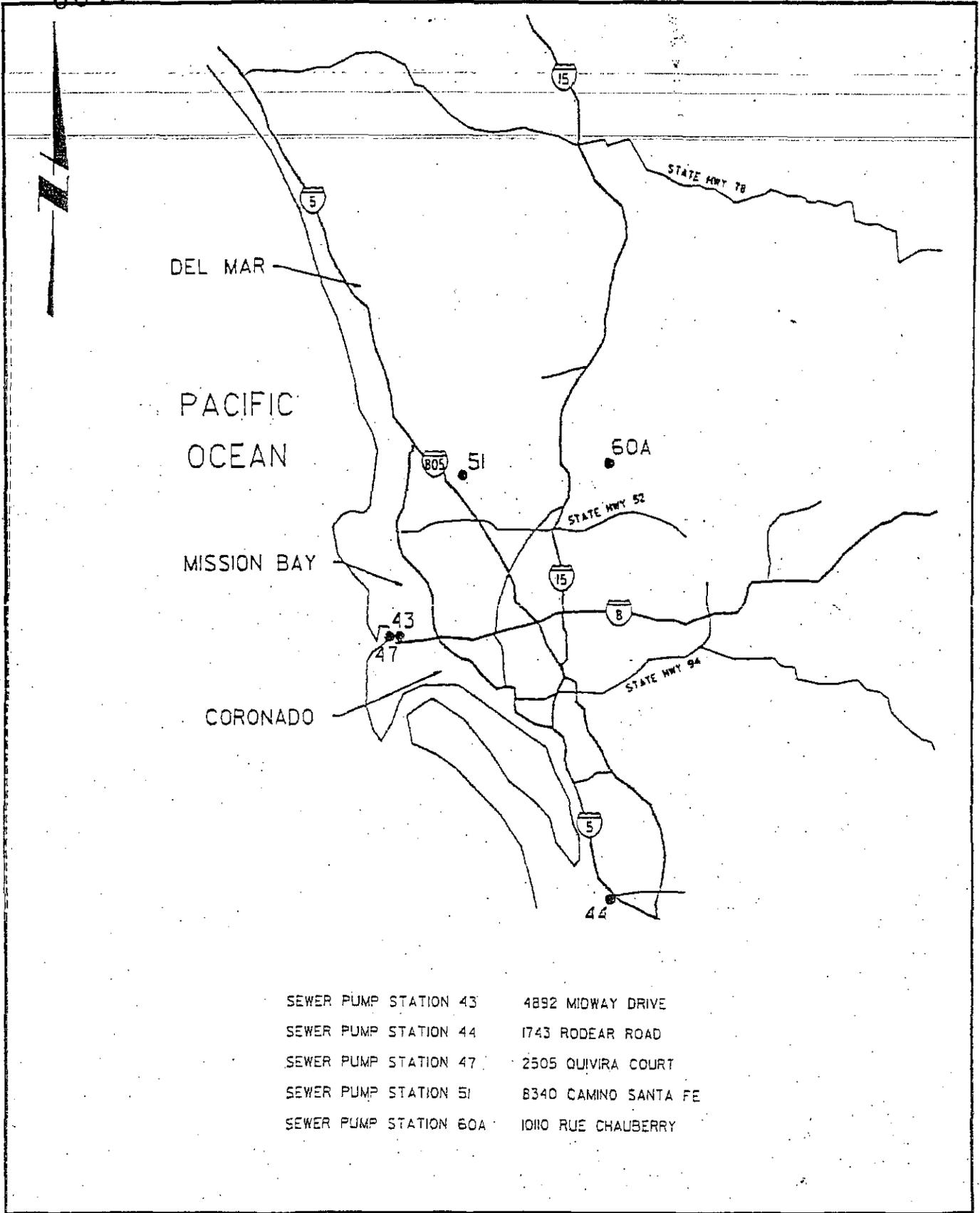


LOCATION MAP GROUP I

Environmental Review

CITY OF SAN DIEGO • Development Services Department

Figure
1

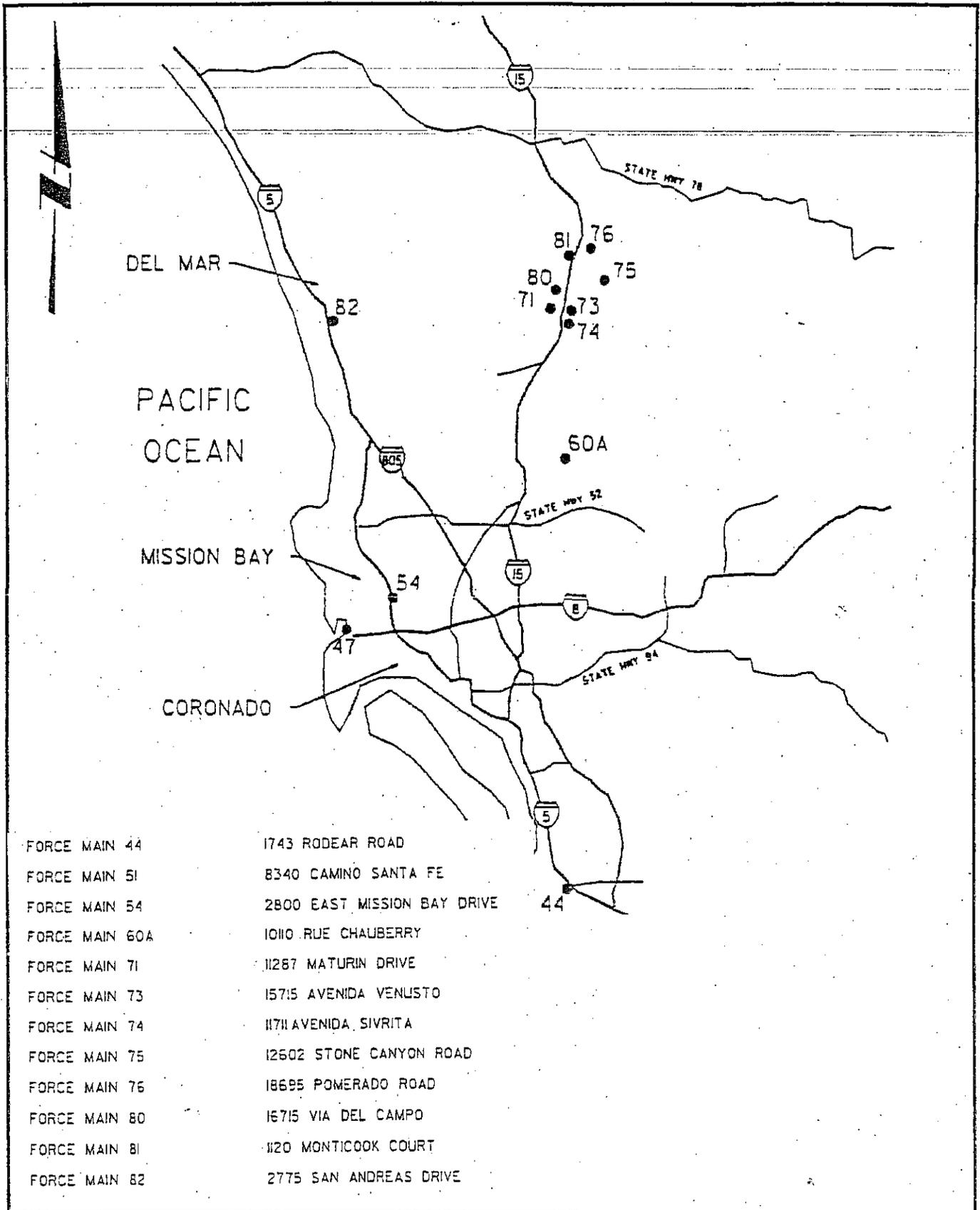


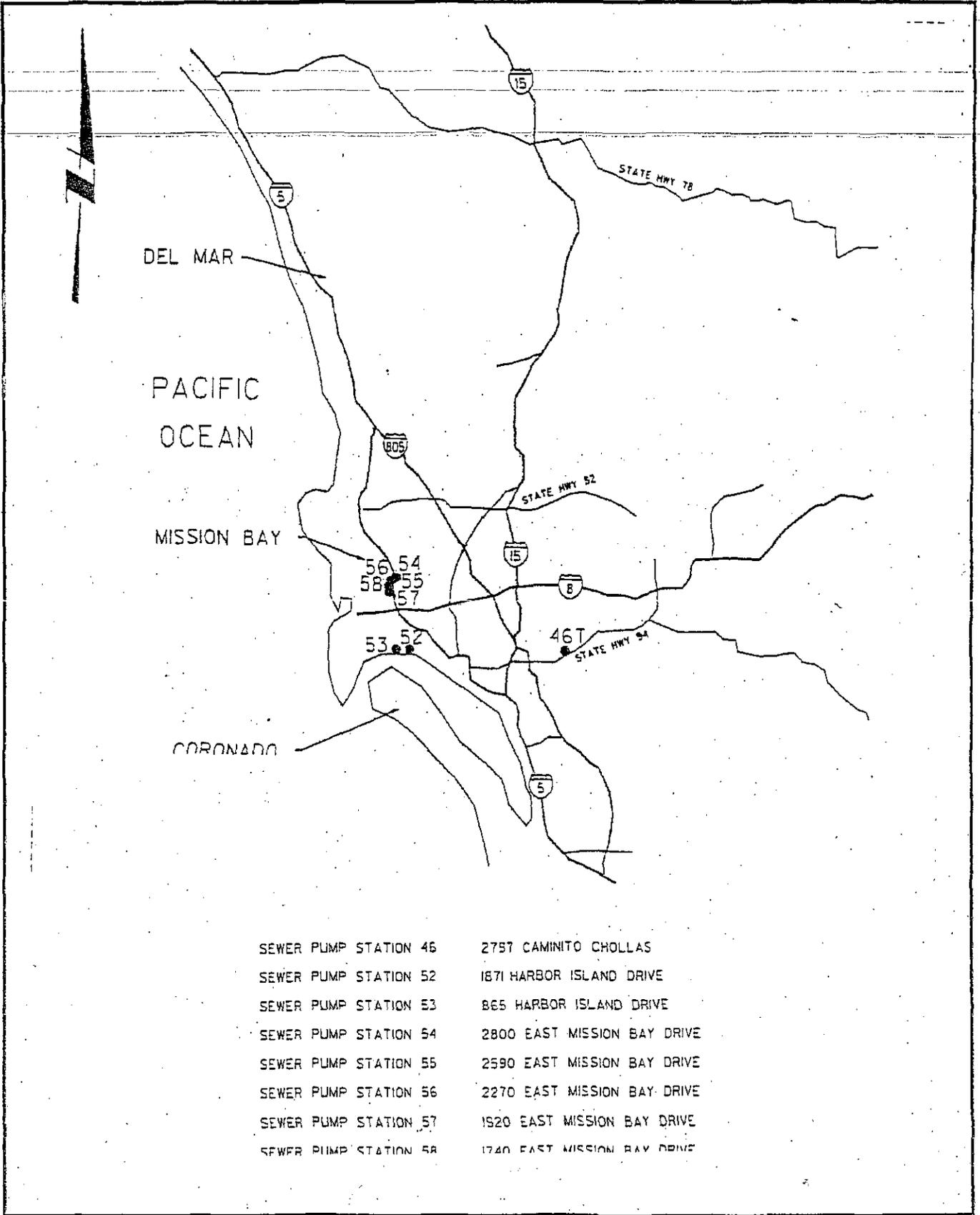
LOCATION MAP GROUP II

Environmental Review

CITY OF SAN DIEGO • Development Services Department

Figure
2





LOCATION MAP GROUP IV

Environmental Review

CITY OF SAN DIEGO • Development Services Department

Figure
4

City of San Diego
Metropolitan Wastewater Department

**SEWER PUMP STATION
AND FORCE MAIN
UPGRADE LOCATIONS**

Sewer Pump Station	Address	Community Planning Area
43	4892 Midway Drive	Mission Bay
44*	1743 Rodear Road	Otay
47	2505 Quivira Court	Ocean Beach
51*	8340 Camino Santa Fe	Mira Mesa
60A*	10110 Rue Chauberry	Scripps Ranch
46	2797 Caminito Chollas	Mid-City
52	1871 Harbor Island Drive	Peninsula
53	865 Harbor Island Drive	Peninsula
54*	2800 East Mission Bay Dr.	Mission Bay
55	2590 East Mission Bay Dr.	Mission Bay
56	2270 East Mission Bay Dr.	Mission Bay
57	1920 East Mission Bay Dr.	Mission Bay
58	1740 East Mission Bay Dr.	Mission Bay
71**	11287 Maturin Drive	Carmel Mountain Ranch
73**	15715 Avenida Venusto	Carmel Mountain Ranch
74**	11711 Avenida Sivrita	Rancho Penasquitos
75**	12602 Stone Canyon Road	Carmel Mountain Ranch
76**	18695 Pomerado Road	Rancho Bernardo
80**	16715 Via Del Campo	Rancho Penasquitos
81**	1120 Monticook Court	Rancho Bernardo
82**	2775 San Andreas Drive	North City Future Urbanizing
84	15706 Camino Crisalida	Rancho Penasquitos

(* = with Force Main)

(** = only Force Main)

Sewer Pump Stations and Force Mains



Location Table

Environmental Analysis Section Project No. 31233
CITY OF SAN DIEGO · DEVELOPMENT SERVICES

Figure

5

Initial Study Checklist

Date: June 1, 2004

Project No.: 31233

Name of Project: Sewer Pump Station Upgrades

III. ENVIRONMENTAL ANALYSIS:

The purpose of the Initial Study is to identify the potential for significant environmental impacts which could be associated with a project pursuant to Section 15063 of the State CEQA Guidelines. In addition, the Initial Study provides the lead agency with information which forms the basis for deciding whether to prepare an Environmental Impact Report, Negative Declaration or Mitigated Negative Declaration. This Checklist provides a means to facilitate early environmental assessment. However, subsequent to this preliminary review, modifications to the project may mitigate adverse impacts. All answers of "yes" and "maybe" indicate that there is a potential for significant environmental impacts and these determinations are explained in Section IV of the Initial Study.

Yes Maybe No

I. AESTHETICS / NEIGHBORHOOD CHARACTER – Will the proposal result in:

- | | |
|---|-------------------------------|
| <p>A. The obstruction of any vista or scenic view from a public viewing area?
 <u>THE PROPOSED PROJECT SITES WOULD NOT OBSTRUCT ANY COMMUNITY PLAN DESIGNATED PUBLIC VIEWING AREAS.</u></p> | <p>— — <u>X</u></p> |
| <p>B. The creation of a negative aesthetic site or project?
 <u>THE PROPOSED PROJECT SITES WOULD NOT RESULT IN A NEGATIVE AESTHETIC OR PROJECT.</u></p> | <p>— — <u>X</u></p> |
| <p>C. Project bulk, scale, materials, or style which would be incompatible with surrounding development?
 <u>THE PROPOSED PROJECT FACILITIES WOULD REQUIRE COMPLIANCE WITH THE LAND</u></p> | <p>— — <u>X</u></p> |

DEVELOPMENT CODE
REQUIREMENTS AND AS SUCH
WOULD NOT RESULT IN
INCOMPATIBLE BULK, SCALE,
MATERIALS, OR STYLE.

- | | |
|--|---------------------------|
| <p>D. Substantial alteration to the existing character of the area?</p> <p><u>THE PROPOSED PROJECT SITES WOULD NOT SUBSTANTIALLY ALTER THE EXISTING CHARACTER OF ANY COMMUNITY PLANNING AREAS.</u></p> | <p>— — <u>X</u></p> |
| <p>E. The loss of any distinctive or landmark tree(s), or a stand of mature trees?</p> <p><u>NO DISTINCTIVE LANDMARKING FEATURES OR STAND OF MATURE TREES EXISTS ON ANY OF THE PROJECT SITES.</u></p> | <p>— — <u>X</u></p> |
| <p>F. Substantial change in topography or ground surface relief features?</p> <p><u>THE PROPOSED PROJECT SITES WOULD NOT SUBSTANTIALLY ALTER GROUND SURFACE RELIEF FEATURES.</u></p> | <p>— — <u>X</u></p> |
| <p>G. The loss, covering or modification of any unique geologic or physical features such as a natural canyon, sandstone bluff, rock outcrop, or hillside with a slope in excess of 25 percent?</p> <p><u>THE PROJECT SITES INCLUDE EXISTING DEVELOPED AND FLAT SITES AND AS SUCH THE PROJECT WOULD NOT ADVERSELY AFFECT ANY UNIQUE GEOLOGIC FEATURES.</u></p> | <p>— — <u>X</u></p> |
| <p>H. Substantial light or glare?</p> <p><u>THE PROJECT SITES WOULD NOT RESULT IN SUBSTANTIAL LIGHT OR GLARE.</u></p> | <p>— — <u>X</u></p> |

B. Violate any air quality standard or contribute substantially to an existing or projected air quality violation?

X

PLEASE SEE III-A ABOVE.

C. Expose sensitive receptors to substantial pollutant concentrations?

X

PLEASE SEE III-A ABOVE.

D. Create objectionable odors affecting a substantial number of people?

X

PLEASE SEE III-A ABOVE.

E. Exceed 100 pounds per day of Particulate Matter 10 (dust)?

X

PLEASE SEE III-B ABOVE.

F. Alter air movement in the area of the project?

X

THE PROPOSED PROJECT SITES WOULD NOT SUBSTANTIALLY ALTER AIR MOVEMENT WITHIN THE PROJECT AREA.

G. Cause a substantial alteration in moisture, or temperature, or any change in climate, either locally or regionally?

X

THE PROJECT SITES WOULD NOT ADVERSELY AFFECT THE EXISTING CLIMATE.

IV. BIOLOGY – Would the proposal result in:

A. A reduction in the number of any unique, rare, endangered, sensitive, or fully protected species of plants or animals?

X

THE PROJECT SITES ARE LOCATED OUTSIDE OF THE MULTI-HABITAT PLANNING AREA (MHPA) AND ARE EITHER DEVELOPED AND/OR CONTAIN NON-NATIVE/ORNAMENTAL VEGETATION. NO ADVERSE EFFECTS TO SENSITIVE VEGETATION AND WILDLIFE WOULD RESULT WITH THE PROJECT.

Yes Maybe No

B. A substantial change in the diversity of any species of animals or plants?
NO SUBSTANTIAL CHANGE IN BIODIVERSITY WOULD RESULT WITH THE PROJECT.

— — X

C. Introduction of invasive species of plants into the area?
PLEASE SEE IV-B ABOVE.

— — X

D. Interference with the movement of any resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors?
THE PROJECT SITES ARE LOCATED OUTSIDE OF ANY MIGRATORY WILDLIFE CORRIDORS.

— — X

E. An impact to a sensitive habitat, including, but not limited to streamside vegetation, aquatic, riparian, oak woodland, coastal sage scrub or chaparral?
THE PROJECT SITES WOULD NOT RESULT IN IMPACTS TO SENSITIVE UPLAND AND WETLAND HABITAT.

— — X

F. An impact on City, State, or federally regulated wetlands (including, but not limited to, coastal salt marsh, vernal pool, lagoon, coastal, etc.) through direct removal, filling, hydrological interruption or other means?
PLEASE SEE IV-E ABOVE.

— — X

G. Conflict with the provisions of the City's Multiple Species Conservation Program Subarea Plan or other approved local, regional or state habitat conservation plan?
THE PROJECT SITES ARE NOT LOCATED WITHIN THE MSCP BOUNDARIES AND SITES ADJACENT TO THE MHPA WOULD

— — X

Yes Maybe No

REQUIRE COMPLIANCE WITH THE
MHPA LAND USE ADJACENCY
GUIDELINES.

V. ENERGY – Would the proposal:

A. Result in the use of excessive amounts of fuel or energy (e.g. natural gas)? X
THE PROJECT SITES WOULD NOT
RESULT IN EXCESSIVE ENERGY
USAGE.

B. Result in the use of excessive amounts of power? X
THE PROJECT SITES WOULD NOT
RESULT IN EXCESSIVE AMOUNTS
OF POWER USAGE.

VI. GEOLOGY/SOILS – Would the proposal:

A. Expose people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards? X
THE PROJECT SITES ARE LOCATED
WITHIN VARIOUS GEOLOGIC
HAZARD ZONES. PLEASE SEE
INITIAL STUDY DISCUSSION FOR
GEOLOGY.

B. Result in a substantial increase in wind or water erosion of soils, either on or off the site? X
THE PROPOSED PROJECT SITES
WOULD NOT RESULT IN
SUBSTANTIAL EROSION OF SOILS.

C. Be located on a geologic unit or soil that is unstable or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse? X
PLEASE SEE VI-A ABOVE.

Yes Maybe No

VII. HISTORICAL RESOURCES – Would the proposal result in:

- | | |
|---|---------------------------|
| <p>A. Alteration of or the destruction of a prehistoric or historic archaeological site?
 <u>THE PROPOSED PROJECT SITES MAY RESULT IN ANY ADVERSE EFFECTS TO PREHISTORIC OR HISTORIC RESOURCES. PLEASE SEE INITIAL STUDY DISCUSSION FOR HISTORICAL RESOURCES.</u></p> | <p>— <u>X</u> —</p> |
| <p>B. Adverse physical or aesthetic effects to a prehistoric or historic building, structure, object, or site?
 <u>PLEASE SEE VII-A ABOVE.</u></p> | <p>— — <u>X</u></p> |
| <p>C. Adverse physical or aesthetic effects to an architecturally significant building, structure, or object?
 <u>NO SIGNIFICANT STRUCTURES EXIST ON ANY OF THE PROJECT SITES.</u></p> | <p>— — <u>X</u></p> |
| <p>D. Any impact to existing religious or sacred uses within the potential impact area?
 <u>NO SUCH USES ARE LOCATED ON THE PROJECT SITES.</u></p> | <p>— — <u>X</u></p> |
| <p>E. The disturbance of any human remains, including those interred outside of formal cemeteries?
 <u>NO SUCH DISTURBANCE IS ANTICIPATED WITH THE PROJECT SITES.</u></p> | <p>— — <u>X</u></p> |

VIII. HUMAN HEALTH / PUBLIC SAFETY / HAZARDOUS MATERIALS: Would the proposal:

- | | |
|---|---------------------------|
| <p>A. Create any known health hazard (excluding mental health)?
 <u>THE PROPOSED PROJECT SITES WOULD NOT CREATE ANY HEALTH HAZARDS.</u></p> | <p>— — <u>X</u></p> |
|---|---------------------------|

Yes Maybe No

B. Expose people or the environment to a significant hazard through the routine transport, use or disposal of hazardous materials? — — X

NO STORAGE OR TRANSPORT OF HAZARDOUS MATERIALS WOULD RESULT WITH THE PROJECT SITES.

C. Create a future risk of an explosion or the release of hazardous substances (including but not limited to gas, oil, pesticides, chemicals, radiation, or explosives)? — — X

THE PROJECT SITES WOULD NOT STORE OR RESULT IN SUBSTANTIAL RISK OF RELEASE OR EXPLOSION OF HAZARDOUS SUBSTANCES.

D. Impair implementation of, or physically interfere with an adopted emergency response plan or emergency evacuation plan? — — X

THE PROJECT SITES WOULD NOT IMPAIR IMPLEMENTATION OF ANY EMERGENCY RESPONSE PLAN.

E. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, create a significant hazard to the public or environment? — — X

NONE OF THE PROJECT LOCATIONS ARE LISTED BY THE COUNTY OF SAN DIEGO DEPARTMENT OF ENVIRONMENTAL HEALTH AS HAZARDOUS MATERIALS SITES.

F. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment? — — X

NO HAZARDOUS MATERIALS WOULD BE STORED, TRANSPORTED, OR UTILIZED ON SITE.

Yes Maybe No

IX. HYDROLOGY/WATER QUALITY – Would the proposal result in:

- | | |
|--|---------------------------|
| <p>A. An increase in pollutant discharges, including down stream sedimentation, to receiving waters during or following construction? Consider water quality parameters such as temperature dissolved oxygen, turbidity and other typical storm water pollutants.</p> <p><u>THE PROJECT WOULD NOT RESULT IN ANY INCREASE IN POLLUTANT DISCHARGES.</u></p> | <p>— — <u>X</u></p> |
| <p>B. An increase in impervious surfaces and associated increased runoff?</p> <p><u>THE PROPOSED PROJECT SITES WOULD NOT RESULT IN ANY SIGNIFICANT INCREASE IMPERVIOUS SURFACE AREA.</u></p> | <p>— — <u>X</u></p> |
| <p>C. Substantial alteration to on- and off-site drainage patterns due to changes in runoff flow rates or volumes?</p> <p><u>PLEASE SEE IX-B ABOVE.</u></p> | <p>— — <u>X</u></p> |
| <p>D. Discharge of identified pollutants to an already impaired water body (as listed on the Clean Water Act Section 303(b) list)?</p> <p><u>PLEASE SEE IX-A ABOVE.</u></p> | <p>— — <u>X</u></p> |
| <p>E. A potentially significant adverse impact on ground water quality?</p> <p><u>NO ADVERSE EFFECT TO GROUND WATER QUALITY WOULD RESULT WITH THE PROJECT SITES.</u></p> | <p>— — <u>X</u></p> |
| <p>F. Cause or contribute to an exceedance of applicable surface or groundwater receiving water quality objectives or degradation of beneficial uses?</p> <p><u>THE PROPOSED PROJECT SITES WOULD NOT RESULT IN ANY ADVERSE EFFECTS TO GROUND WATER QUALITY.</u></p> | <p>— — <u>X</u></p> |

X. LAND USE – Would the proposal result in:

A. A land use which is inconsistent with the adopted community plan land use designation for the site or conflict with any applicable land use plan, policy or regulation of an agency with jurisdiction over a project? — — X

THE PROPOSED PROJECT SITES WOULD BE CONSISTENT WITH THE APPLICABLE ADOPTED COMMUNITY PLAN DESIGNATED LAND USE.

B. A conflict with the goals, objectives and recommendations of the community plan in which it is located? — — X
PLEASE SEE X-A ABOVE.

C. A conflict with adopted environmental plans, including applicable habitat conservation plans adopted for the purpose of avoiding or mitigating an environmental effect for the area? — — X
THE PROJECT SITES ARE NOT LOCATED WITHIN THE MULTI-HABITAT PLANNING AREA OR ANY OTHER ADOPTED ENVIRONMENTAL PLANNING AREA.

D. Physically divide an established community? — — X
THE PROJECT SITES WOULD NOT PHYSICALLY DIVIDE ANY COMMUNITY.

E. Land uses which are not compatible with aircraft accident potential as defined by an adopted airport Comprehensive Land Use Plan? — — X
THE PROJECT SITES WOULD NOT BE INCOMPATIBLE WITH ANY COMPREHENSIVE LAND USE PLANNING AREA PLANS.

XI. NOISE - Would the proposal result in:

A. A significant increase in the existing ambient noise levels?

— — X

THE PROJECT SITES WOULD NOT INCREASE AMBIENT NOISE LEVELS WITHIN ANY COMMUNITY.

B. Exposure of people to noise levels which exceed the City's adopted noise ordinance?

— — X

THE PROJECT SITES WOULD NOT RESULT IN THE GENERATION OF EXCESSIVE NOISE LEVELS.

C. Exposure of people to current or future transportation noise levels which exceed standards established in the Transportation Element of the General Plan or an adopted airport Comprehensive Land Use Plan?

— — X

THE PROJECT SITES WOULD NOT EXPOSE RESIDENTS TO EXCESSIVE TRANSPORTATION NOISE LEVELS.

XII. PALEONTOLOGICAL RESOURCES: Would the proposal impact a unique paleontological resource or site or unique geologic feature?

— X —

THE PROJECT SITES WOULD INVOLVE EXCAVATION FOR SUBSURFACE FACILITIES AND AS SUCH MAY RESULT IN ADVERSE AFFECTS TO PALEONTOLOGICAL RESOURCES. PLEASE SEE INITIAL STUDY DISCUSSION FOR PALEONTOLOGICAL RESOURCES.

XIII. POPULATION AND HOUSING – Would the proposal:

A. Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or

indirectly (for example, through extension of roads or other infrastructure)?
THE PROJECT SITES WOULD NOT ADVERSELY AFFECT EXISTING HOUSING NOR AFFECT POPULATION AND HOUSING WITHIN ANY DESIGNATED COMMUNITY.

— — X

B. Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?
PLEASE SEE VIII-A ABOVE.

— — X

C. Alter the planned location, distribution, density or growth rate of the population of an area?
PLEASE SEE VIII-A ABOVE.

— — X

XIV. PUBLIC SERVICES – Would the proposal have an effect upon, or result in a need for new or altered governmental services in any of the following areas:

A. Fire protection?
FIRE SERVICES ARE ADEQUATE.

— — X

B. Police protection?
POLICE PROTECTION IS ADEQUATE.

— — X

C. Schools?
SCHOOLS ARE ADEQUATE.

— — X

Yes Maybe No

D. Parks or other recreational facilities? _X

PARKS AND RECREATIONAL FACILITIES ARE ADEQUATE.

E. Maintenance of public facilities, including roads? _ _ _X

PUBLIC MAINTENANCE SERVICES ARE ADEQUATE.

F. Other governmental services? _ _ _X

GOVERNMENTAL SERVICES ARE ADEQUATE.

XV. RECREATIONAL RESOURCES – Would the proposal result in:

A. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated? _ _ _X

THE PROJECT SITES WOULD NOT RESULT IN ANY EFFECTS TO EXISTING PARKS AND RECREATIONAL FACILITIES.

B. Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment? _ _ _X

THE PROJECT SITES WOULD NOT REQUIRE ANY MODIFICATIONS OR EXPANSION TO EXISTING PARK AND RECREATIONAL FACILITIES.

XVI. TRANSPORTATION/CIRCULATION – Would the proposal result in:

A. Traffic generation in excess of specific/ community plan allocation? _ _ _X

THE PROJECT SITES WOULD NOT RESULT IN EXCESSIVE TRAFFIC OR ADVERSELY AFFECT EXISTING PARKING WITHIN ANY COMMUNITY.

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
B. An increase in projected traffic which is substantial in relation to the existing traffic load and capacity of the street system? <u>PLEASE SEE XVI-A ABOVE.</u>	—	—	<u>X</u>
C. An increased demand for off-site parking? <u>PLEASE SEE XVI-A ABOVE.</u>	—	—	<u>X</u>
D. Effects on existing parking? <u>PLEASE SEE XVI-A ABOVE.</u>	—	—	<u>X</u>
E. Substantial impact upon existing or planned transportation systems? <u>THE PROJECT SITES WOULD NOT ADVERSELY AFFECT EXISTING PUBLIC TRANSPORTATION SYSTEMS.</u>	—	—	<u>X</u>
F. Alterations to present circulation movements including effects on existing public access to beaches, parks, or other open space areas? <u>THE PROJECT SITES WOULD NOT ALTER EXISTING CIRCULATION AND ACCESS ROUTES.</u>	—	—	<u>X</u>
G. Increase in traffic hazards for motor vehicles, bicyclists or pedestrians due to a proposed, non-standard design feature (e.g., poor sight distance or driveway onto an access-restricted roadway)? <u>THE PROJECT SITES WOULD NOT CREATE OR INCREASE TRAFFIC HAZARDS WITHIN THE AREA.</u>	—	—	<u>X</u>
H. A conflict with adopted policies, plans or programs supporting alternative transportation models (e.g., bus turnouts, bicycle racks)? <u>THE PROJECT SITES WOULD NOT REQUIRE IMPLEMENTATION OF ANY ALTERNATIVE TRANSPORTATION PLAN.</u>	—	—	<u>X</u>

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Yes -- Maybe -- No

XVII. UTILITIES – Would the proposal result in a need for new systems, or require substantial alterations to existing utilities, including:

- | | | | |
|--|---|---|----------|
| A. Natural gas?
<u>NATURAL GAS UTILITIES ARE ADEQUATE.</u> | — | — | <u>X</u> |
| B. Communications systems?
<u>COMMUNICATION SYSTEMS ARE ADEQUATE.</u> | — | — | <u>X</u> |
| C. Water?
<u>WATER UTILITIES ARE ADEQUATE.</u> | — | — | <u>X</u> |
| D. Sewer?
<u>SEWER UTILITIES ARE ADEQUATE.</u> | — | — | <u>X</u> |
| E. Storm water drainage?
<u>STORM WATER DRAINAGE SYSTEMS ARE ADEQUATE.</u> | — | — | <u>X</u> |
| F. Solid waste disposal?
<u>SOLID WASTE DISPOSAL SERVICES ARE ADEQUATE.</u> | — | — | <u>X</u> |

XVIII. WATER CONSERVATION – Would the proposal result in:

- | | | | |
|--|---|---|----------|
| A. Use of excessive amounts of water?
<u>THE PROJECT SITES WOULD NOT RESULT IN EXCESSIVE WATER USAGE.</u> | — | — | <u>X</u> |
| B. Landscaping which is predominantly non-drought resistant vegetation?
<u>PLEASE SEE XVIII-A ABOVE.</u> | — | — | <u>X</u> |

XIX. MANDATORY FINDINGS OF SIGNIFICANCE:

- A. Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?

THE PROJECT WOULD NOT RESULT IN ANY ADVERSE EFFECTS TO BIOLOGICAL RESOURCES. EXCAVATIONS MAY AFFECT SUBSURFACE PREHISTORIC OR HISTORIC RESOURCES. PLEASE SEE INITIAL STUDY DISCUSSION FOR HISTORICAL RESOURCES.

— — X

- B. Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals? (A short-term impact on the environment is one which occurs in a relatively brief, definitive period of time while long-term impacts would endure well into the future.)

THE PROJECT SITES WOULD NOT RESULT IN ANY ADVERSE LONG TERM EFFECTS.

— — X

- C. Does the project have impacts which are individually limited, but cumulatively considerable? (A project may impact on two or more separate resources where the impact on each resource is relatively small, but where the effect of the total of those impacts on the environment is significant.)

THE PROJECT SITES WOULD NOT RESULT IN ANY CUMULATIVELY SIGNIFICANT EFFECTS.

— — X

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	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
D. Does the project have environmental effects which would cause substantial adverse effects on human beings, either directly or indirectly?	—	—	<u>X</u>
<u>THE PROJECT WOULD NOT RESULT IN ANY DIRECT OR INDIRECT ADVERSE EFFECTS TO HUMAN BEINGS.</u>			

INITIAL STUDY CHECKLIST

REFERENCES

I. Aesthetics / Neighborhood Character

___ City of San Diego Progress Guide and General Plan.

X Community Plan.

___ Local Coastal Plan.

II. Agricultural Resources / Natural Resources / Mineral Resources

___ City of San Diego Progress Guide and General Plan.

X U.S. Department of Agriculture, Soil Survey - San Diego Area, California, Part I and II, 1973.

___ California Department of Conservation - Division of Mines and Geology, Mineral Land Classification.

___ Division of Mines and Geology, Special Report 153 - Significant Resources Maps.

___ Site Specific Report: _____

III. Air

___ California Clean Air Act Guidelines (Indirect Source Control Programs) 1990.

X Regional Air Quality Strategies (RAQS) - APCD.

___ Site Specific Report: _____

IV. Biology

___ City of San Diego, Multiple Species Conservation Program (MSCP), Subarea Plan, 1997

X City of San Diego, MSCP, "Vegetation Communities with Sensitive Species and Vernal Pools" maps, 1996.

___ City of San Diego, MSCP, "Multiple Habitat Planning Area" maps, 1997.

___ Community Plan - Resource Element.

California Department of Fish and Game, California Natural Diversity Database, "State and Federally-listed Endangered, Threatened, and Rare Plants of California," January 2001.

California Department of Fish & Game, California Natural Diversity Database, "State and Federally-listed Endangered and Threatened Animals of California," January 2001.

X City of San Diego Land Development Code Biology Guidelines.

Site Specific Report: _____

V. Energy

VI. Geology/Soils

X City of San Diego Seismic Safety Study.

U.S. Department of Agriculture Soil Survey - San Diego Area, California, Part I and II, December 1973 and Part III, 1975.

X Site Specific Report: *Geotechnical Investigation for City of San Diego Sewer Pump Station Upgrade Project, Pump Stations 43, 44, 46, 47, 51, 52, 53, 54, 55, 56, 57, 58, 60A, 71, 73, 74, 75, 76, 80, 81, and 82*, prepared by Ninyo & Moore, August 11, 2003 and Revised November 11, 2003

VII. Historical Resources

X City of San Diego Historical Resources Guidelines.

X City of San Diego Archaeology Library.

Historical Resources Board List.

Community Historical Survey:

VIII. Human Health / Public Safety / Hazardous Materials

X San Diego County Hazardous Materials Environmental Assessment Listing, 1996.

San Diego County Hazardous Materials Management Division

FAA Determination

___ State Assessment and Mitigation, Unauthorized Release Listing, Public Use Authorized 1995.

___ Airport Comprehensive Land Use Plan.

___ Site Specific Report: _____

IX. Hydrology/Water Quality

___ Flood Insurance Rate Map (FIRM).

___ Federal Emergency Management Agency (FEMA), National Flood Insurance Program - Flood Boundary and Floodway Map.

___ Clean Water Act Section 303(b) list, dated May 19, 1999,
http://www.swrcb.ca.gov/tmdl/303d_lists.html.

X City of San Diego Standard Urban Stormwater Mitigation Plan (SUSMP)

___ Site Specific Report:

X. Land Use

___ City of San Diego Progress Guide and General Plan.

X Community Plan.

___ Airport Comprehensive Land Use Plan

___ City of San Diego Zoning Maps

___ FAA Determination

XI. Noise

___ Community Plan

___ Site Specific Report: _____

___ San Diego International Airport - Lindbergh Field CNEL Maps.

___ Brown Field Airport Master Plan CNEL Maps.

___ Montgomery Field CNEL Maps.

___ San Diego Association of Governments - San Diego Regional Average Weekday Traffic Volumes.

___ San Diego Metropolitan Area Average Weekday Traffic Volume Maps, SANDAG.

___ City of San Diego Progress Guide and General Plan.

___ Site Specific Report: : _____

XII. Paleontological Resources

X City of San Diego Paleontological Guidelines.

X Thomas A., and Stephen L. Walsh, "Paleontological Resources City of San Diego," Department of Paleontology San Diego Natural History Museum, 1996.

___ Kennedy, Michael P., and Gary L. Peterson, "Geology of the San Diego Metropolitan Area, California. Del Mar, La Jolla, Point Loma, La Mesa, Poway, and SW 1/4 Escondido 7 1/2 Minute Quadrangles," California Division of Mines and Geology Bulletin 200, Sacramento, 1975.

___ Kennedy, Michael P., and Siang S. Tan, "Geology of National City, Imperial Beach and Otay Mesa Quadrangles, Southern San Diego Metropolitan Area, California," Map Sheet 29, 1977.

___ Site Specific Report: _____

XIII. Population / Housing

___ City of San Diego Progress Guide and General Plan.

___ Community Plan.

___ Series 8 Population Forecasts, SANDAG.

___ Other: _____

XIV. Public Services

___ City of San Diego Progress Guide and General Plan.

___ Community Plan.

XV. Recreational Resources

___ City of San Diego Progress Guide and General Plan.

X Community Plan.

___ Department of Park and Recreation

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Yes Maybe No

___ City of San Diego - San Diego Regional Bicycling Map

___ Additional Resources: _____

XVI. Transportation / Circulation

___ City of San Diego Progress Guide and General Plan.

___ Community Plan.

___ San Diego Metropolitan Area Average Weekday Traffic Volume Maps, SANDAG.

___ San Diego Region Weekday Traffic Volumes, SANDAG.

___ Site Specific Report: _____

XVII. Utilities

___ _____

XVIII. Water Conservation

___ Sunset Magazine, New Western Garden Book. Rev. ed. Menlo Park, CA: Sunset Magazine.

RECEIVED
07 AUG 22 PM 12:02
CITY CLERK'S OFFICE
SAN DIEGO, CA

CIVIL DIVISION
07 JUL 11 PM 3:17
CITY ATTORNEY

001597

MWD- 7101

REQUEST FOR COUNCIL ACTION
CITY OF SAN DIEGO

1. CERTIFICATE NUMBER
(FOR AUDITOR'S USE) 102
N/A 9/14
3. DATE: 5/22/2007

TO: CITY ATTORNEY

2. FROM (ORIGINATING DEPARTMENT):
METROPOLITAN WASTEWATER DEPARTMENT

4. SUBJECT: Pump Station Upgrades – Group IV – Advertise and Award

5. PRIMARY CONTACT (NAME, PHONE, & MAIL STA.)
Craig Whittmore, (858) 292-6471, MS 901

6. SECONDARY CONTACT (NAME, PHONE, & MAIL STA.)
Rolf H Lee, (858) 292-6432, MS 901

7. CHECK BOX IF REPORT TO COUNCIL IS ATTACHED

8. COMPLETE FOR ACCOUNTING PURPOSES

FUND	41506	41506	8. ADDITIONAL INFORMATION / ESTIMATED COST:	
DEPT.	773	773	Construction:	\$1,712,043
ORGANIZATION	960	960	Const Mgmt & Rel Costs:	\$695,637
OBJECT ACCOUNT	4278	4905	Subtotal :	\$2,407,680
JOB ORDER	140060	461930	Contingency:	\$85,602
C.I.P. NUMBER	41-929.0/41-932.3	46-193.0	TOTAL THIS REQUEST	\$2,493,282
AMOUNT	\$2,407,680	\$85,602		

10. ROUTING AND APPROVALS

ROUTE (#)	APPROVING AUTHORITY	APPROVAL SIGNATURE	DATE SIGNED	ROUTE (#)	APPROVING AUTHORITY	APPROVAL SIGNATURE	DATE SIGNED
1	ORIG. DEPT.	<i>[Signature]</i>	6/1/07	8	DEPUTY CHIEF	<i>[Signature]</i>	6-26-07
2	E.O.C.	<i>[Signature]</i>	6/8/07	9	Ac.O.O.	<i>[Signature]</i>	6/26/07
3	E.A.S.	<i>[Signature]</i>	6/22/07	10	CITY ATTORNEY	<i>[Signature]</i>	7/24/07
4	LIAISON OFFICE	<i>[Signature]</i>	6/21/07	11	ORIG. DEPT.	<i>[Signature]</i>	6/18/07
5	F.M.	<i>[Signature]</i>	6/21/07		DOCKET COORD:	<i>[Signature]</i>	
6	AUDITOR	<i>[Signature]</i>	6/25/07		COUNCIL PRESIDENT	<i>[Signature]</i>	
7					COUNCIL LIAISON	<i>[Signature]</i>	

11. PREPARATION OF: RESOLUTIONS ORDINANCE(S) AGREEMENT(S) DEED(S)

- Approving the plans and specifications for the construction of the Citywide Pump Station Upgrades – Group IV – Comfort Stations, as advertised by the Purchasing and Contracting Department.
- Authorizing the Mayor or his designee to execute a contract with the lowest responsible bidder, provided that the City Auditor first furnishes a certificate demonstrating that the funds necessary for expenditure under said contract are, or will be, on deposit in the City treasury.

NOTE: See Continuation Page

11A. STAFF RECOMMENDATIONS:
Adopt the Resolutions.

12. SPECIAL CONDITIONS (REFER TO A.R. 3.20 FOR INFORMATION ON COMPLETING THIS SECTION.)

COUNCIL DISTRICT(S): Two (2) and Four (4)

COMMUNITY AREA(S): Mission Bay Park, Harbor Island, and Chollas

ENVIRONMENTAL IMPACT: The City of San Diego, as lead agency under CEQA, has prepared and completed a Mitigated Negative Declaration, LDR File number 31233, dated September 3, 2004, and Mitigation, Monitoring and Reporting Program covering this activity.

ATTACHMENTS: Plans and Specifications

CITY CLERK INSTRUCTIONS: Please forward two copies of the Resolution to MWWD, MS 901A, Attn: Rose Salarda.

SECTION 11- PREPARATION OF: RESOLUTIONS, ORDINANCES, ETC. (CONTINUED):

3. Authorizing the expenditure of \$2,493,282 of which \$2,407,680 will be funded from Fund 41506, CIP 41-929.0, Pump Station Upgrades, for the purpose of providing funds for project construction and related costs for Pump Station Upgrades Group IV – Comfort Stations, and \$85,602 will be funded from Fund 41506, CIP 46-193.0, Annual Allocation – Muni Pooled Contingency for the purpose of providing funds for project contingency, contingent upon the approval of the Fiscal Year 2008 Capital Improvement Program and Appropriation Ordinance and provided that the City Auditor first furnishes a certificate demonstrating that the funds necessary for expenditure under established contract are, or will be, on deposit in the City treasury, and authorizing the Auditor and Comptroller, upon advice from the administering department, to transfer excess budgeted funds, if any, to the appropriate reserves.

4. Certifying that the information contained in LDR File Number 31233 has been completed in compliance with the California Environmental Quality Act and State CEQA Guidelines, and that said Mitigated Negative Declaration reflects the independent judgment of the City of San Diego as Lead Agency. Stating for the record that the final Mitigated Negative Declaration has been reviewed and considered prior to approving the project. Adopting the Mitigation, Monitoring, and Reporting Program.

EXECUTIVE SUMMARY SHEET

DATE REPORT ISSUED:	May 15, 2007	REPORT NO.:
ATTENTION:	Council President and City Council	
ORIGINATING DEPARTMENT:	Metropolitan Wastewater Department	
SUBJECT:	Pump Station Upgrades – Group IV – Advertise and Award	
COUNCIL DISTRICT(S):	Two (2) and Four (4)	
STAFF CONTACT:	Rolf H Lee, (858) 292-6432	

REQUESTED ACTION:

Authorize the approval to advertise, bid, and award the construction contract to the lowest responsible bidder and requesting certification of the California Environmental Quality Act (CEQA) document.

STAFF RECOMMENDATION:

Adopt the Resolutions.

EXECUTIVE SUMMARY:

The Citywide Pump Station Upgrade Projects involve four separate groups of construction contracts, totaling 22 sewer pump stations. Citywide Pump Station Upgrades – Group IV – Comfort Stations involves electrical, mechanical, and miscellaneous upgrades of eight sewer pump stations that serve comfort stations in the Mission Bay and Harbor Island areas of the City and the trailers at the City's Chollas Operations Center. Specifically, it involves station 46 at Chollas; station numbers 52 and 53 on Harbor Island; and station numbers 54, 55, 56, 57, and 58 along the east side of Mission Bay. The upgrades include: the addition of water supply shut-off solenoid valves, radio telemetry systems, new pumps, passive odor-control systems, concrete paving, jib cranes, flow meters, ventilation systems, safety measures, control panels, wet-well level monitoring systems, and inverter upgrades for motor protection.

All of these pump stations are identified in the Final Consent Decree as required projects.

A Final Mitigated Negative Declaration (MND), including an Initial Study Discussion, was prepared in 2004.

FISCAL CONSIDERATIONS:

The total of this request is \$2,493,282 of which \$2,407,680 will be available in Sewer Fund 41506, CIP 41-929.0, Pump Station Upgrades, and \$85,602 will be available in Sewer Fund 41506, CIP 46-193.0, Annual Allocation – Muni Pooled Contingency, contingent upon the approval of the Fiscal Year 2008 Capital Improvement Program and Appropriation Ordinance. The project costs may be bond reimbursed approximately 80% by current or future debt financings. An Auditor's Certificate will be issued prior to contract award.

PREVIOUS COUNCIL and/or COMMITTEE ACTION:

This action was reviewed and approved by the Natural Resources and Culture Committee on October 6, 2004.

COMMUNITY PARTICIPATION AND PUBLIC OUTREACH EFFORTS:

MWWD staff will present these projects to the Mission Bay Park Committee as an informational item prior to the award of the contract. The Committee has been advised of these projects previously and is a proponent of the projects. MWWD staff will continue to coordinate this project with staff from the Park and Recreation Department.

Pre-construction notices will give the public notice of the upcoming rehabilitation, and temporary facilities will be provided for the public during temporary shut-downs, if required.

KEY STAKEHOLDERS & PROJECTED IMPACTS (if applicable):

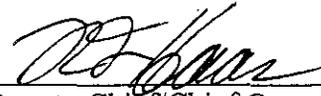
Those who enjoy Mission Bay Park, Harbor Island, and those who use the applicable trailers at the Chollas yard.

Park and Recreation Department – MWWD is working with them to sufficiently coordinate and facilitate the project.

MWWD will be able to better monitor and prevent sewer spills, minimize station downtime, and respond more quickly to alarms through the implementation of this CIP.



Originating Department



Deputy Chief/Chief Operating Officer

RESOLUTION NUMBER R-_____

ADOPTED ON _____

A RESOLUTION APPROVING PLANS AND SPECIFICATIONS; AUTHORIZING AWARD OF PUBLIC WORKS CONTRACT FOR THE METROPOLITAN WASTEWATER DEPARTMENT; AND TAKING RELATED ACTIONS.

BE IT RESOLVED, by the Council of the City of San Diego, as follows:

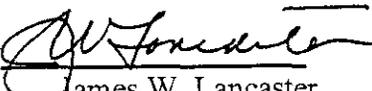
1. That the plans and specifications for the construction of the Citywide Pump Station Upgrades – Group IV – Comfort Stations [the Project] filed in the office of the City Clerk as Document No. _____ are approved.

2. That, after advertising for bids in accordance with law, the City Mayor, or his designee, is authorized to award a contract for the Project to the lowest responsible and reliable bidder, provided that the City Auditor and Comptroller first furnishes one or more certificates certifying that the funds necessary for the contract are, or will be, on deposit with the City Treasurer.

3. That the expenditure of an amount not to exceed \$2,493,282, of which \$2,407,680 will be funded from Sewer Fund 41506, CIP 41-929.0, Pump Station Upgrades Group IV – Comfort Stations, and \$85,602 will be funded from Fund 41506, CIP 46-193.0, Annual Allocation – Muni Pooled Contingency for the purpose of providing funds for project contingency provided that the City Auditor and Comptroller first furnishes one or more certificates certifying that the funds are, or will be, on deposit with the City Treasurer.

4. That the City Auditor and Comptroller is authorized, upon advice from the administering department, to transfer excess budgeted funds, if any, to the appropriate reserves.

APPROVED: MICHAEL J. AGUIRRE, City Attorney

By 
James W. Lancaster,
Deputy City Attorney

JWL:ca
07/25/07
Or.Dept:MWWD
R-2008-99

I hereby certify that the foregoing Resolution was passed by the Council of the City of San Diego, at this meeting of _____.

ELIZABETH S. MALAND
City Clerk

By _____
Deputy City Clerk

Approved: _____
(date)

JERRY SANDERS, Mayor

Vetoed: _____
(date)

JERRY SANDERS, Mayor

(R-2008-100)

RESOLUTION NUMBER R-_____

ADOPTED ON _____

BE IT RESOLVED, by the Council of the City of San Diego, that it is certified that Mitigated Negative Declaration, LDR No. 31233, dated September 3, 2004 on file in the office of the City Clerk, has been completed in compliance with the California Environmental Quality Act of 1970 (California Public Resources Code section 21000 et seq.), as amended, and the State guidelines thereto (California Code of Regulations section 15000 et seq.), that the declaration reflects the independent judgment of the City of San Diego as Lead Agency and that the information contained in said declaration, together with any comments received during the public review process, has been reviewed and considered by this Council in connection with the approval of the Pump Station Upgrades Project - Group IV - Comfort Stations [Project].

BE IT FURTHER RESOLVED, that the City Council finds that Project revisions now mitigate potentially significant effects on the environment previously identified in the Initial Study and therefore, that the Mitigated Negative Declaration, a copy of which is on file in the office of the City Clerk and incorporated by reference, is approved.

BE IT FURTHER RESOLVED, that pursuant to California Public Resources Code section 21081.6, the City Council adopts the Mitigation Monitoring and Reporting Program, or alterations to implement the changes to the Project as required by this body in order to mitigate or avoid significant effects on the environment, a copy of which is attached hereto and incorporated as Exhibit "A" to this resolution.

BE IT FURTHER RESOLVED, that the City Clerk is directed to file a Notice of Determination with the Clerk of the Board of Supervisors for the County of San Diego regarding the Project.

APPROVED: MICHAEL J. AGUIRRE, City Attorney

By 
James W. Lancaster
Deputy City Attorney

JWL:cla
7/25/07
Or.Dept:MWWD
R-2008-100

I hereby certify that the foregoing Resolution was passed by the Council of the City of San Diego, at this meeting of _____.

ELIZABETH S. MALAND
City Clerk

By _____
Deputy City Clerk

Approved: _____
(date)

JERRY SANDERS, Mayor

Vetoed: _____
(date)

JERRY SANDERS, Mayor

COMMITTEE ACTION SHEET

COUNCIL DOCKET OF _____

Supplemental Adoption Consent Unanimous Consent Rules Committee Consultant Review

R -

O -

Advertise and Award of Water Group 3001

Reviewed Initiated By NR&C On 2/21/07 Item No. 1

RECOMMENDATION TO:

Information only. No action taken.

VOTED YEA: N/A

VOTED NAY: N/A

NOT PRESENT: N/A

CITY CLERK: Please reference the following reports on the City Council Docket:

REPORT TO THE CITY COUNCIL NO.

COUNCIL COMMITTEE CONSULTANT ANALYSIS NO.

OTHER:

Executive Summary Sheet dated February 14, 2007; Engineering & Capital Projects' PowerPoint

COUNCIL COMMITTEE CONSULTANT



DATE REPORT ISSUED:	February 14, 2007	REPORT NO.
ATTENTION:	Natural Resources and Culture Committee Chair and Council Members	
ORIGINAL DEPT.:	Engineering and Capital Projects, Water & Sewer Design Division	
SUBJECT:	Fiscal Year 2007 Cast Iron Water Main Replacement Projects	
COUNCIL DISTRICTS:	City Wide	
STAFF CONTACT:	J. Nagelvoort (619) 533-5100	

REQUESTED ACTION:

No action, informational item only.

STAFF RECOMMENDATION:

None, informational item only.

EXECUTIVE SUMMARY:

As part of the City of San Diego's Cast Iron (CI) Water Main Replacement Program as mandated by the Department of Health Services (DHS) Compliance Order No. 04-14-96-022, the projects listed below are scheduled to be awarded before the end of fiscal year 2007. The DHS Compliance Order requires that the City of San Diego award contracts for construction of at least ten (10) miles of CI Water Main replacement each fiscal year. The accumulated total for CI replacement of all the subject projects is 12.4 miles. The age of the CI mains being replaced varies approximately from 55 to 90 years old. The projects are located in Council Districts 1, 2, 3, 6, and 7. The scope-of-work for each project varies. However, they typically include CI main replacement, water services, fire hydrants, curb ramp installations, and street repair.

Fiscal Year 2007 Cast Iron Water Main Replacement Projects:

- Water Group 521
- 4th Avenue Accelerate Water
- Sewer & Water Group 741 Change Order
- Water Group 3000
- Water Group 3001
- Water Group 682
- Water Group 3003
- Water Group 3002
- Water Group 3004
- Water Group 530

FISCAL CONSIDERATIONS:

The total project cost estimate and funding source for each of the Fiscal Year 2007 Cast Iron Water Main Replacement Projects is listed below. Water Group 521, 4th Ave Accelerate Water, Sewer & Water Group 741 CO, Water Group 3000, and Water Group 3001 are Non-Phase Funded Contracts that are not depended on potential revenue from Water Revenue Bonds issued in August 2007. All of other Fiscal Year 2007 Cast Iron Water Replacement Projects will be Phase Funded Contracts, and it is anticipated that a portion their funding is dependent on Water Revenue Bonds issued in August 2007.

- Water Group 521: Total project estimated cost is \$1,689,128, of which all is cash funded.
- 4th Avenue Accelerate Water: Total project estimated cost is \$707,506, of which all is cash funded.
- Sewer & Water Group 741 Change Order: Total project estimated cost (water portion only) is \$656,109, of which all is cash funded.
- Water Group 3000: Total project estimated cost is \$5,625,556. \$3,937,889.20 will be financed with proceeds from the Subordinated Water Revenue Notes, Series 2007A. The remaining \$1,687,666.80 will be cash funded.
- Water Group 3001: Total project estimated cost is \$4,810,779 for the projects. \$3,367,545.30 will be financed with proceeds from the Subordinated Water Revenue Notes, Series 2007A. The remaining \$1,443,233.70 will be cash funded.
- Water Group 682: Total project estimated cost is \$2,316,152 for the projects. \$526,404.20 will be financed with proceeds from the Subordinated Water Revenue Notes, Series 2007A and \$1,251,316.80 from currently anticipated to be Water Revenue Bonds issued in August 2007. The remaining \$538,431 will be cash funded.
- Water Group 3003: Total project estimated cost is \$4,000,000 for the project. \$731,500 will be financed with proceeds from the Subordinated Water Revenue Notes, Series 2007A and \$2,364,000 from currently anticipated to be Water Revenue Bonds issued in August 2007. The remaining \$904,500 will be cash funded.
- Water Group 3002: Total project estimated cost is \$6,777,266 for the projects. \$1,611,883 will be financed with proceeds from the Subordinated Water Revenue Notes, Series 2007A and \$3,579,660.80 from currently anticipated to be Water Revenue Bonds issued in August 2007. The remaining \$1,585,722.20 will be cash funded.
- Water Group 3004: Total project estimated cost is \$3,903,000 for the projects. \$726,460 will be financed with proceeds from the Subordinated Water Revenue Notes, Series 2007A and \$2,292,160 from currently anticipated to be Water Revenue Bonds issued in August 2007. The remaining \$884,380 will be cash funded.
- Water Group 530: Total project estimated cost is \$2,553,543 requested for this project, \$439,026.70 will be financed with proceeds from the Subordinated Water Revenue Notes, Series 2007A and \$1,541,089.60 from currently anticipated to be Water Revenue Bonds issued in August 2007. The remaining \$573,426.70 will be cash funded.

PREVIOUS COUNCIL AND COMMITTEE ACTIONS:

All Fiscal Year 2007 Cast Iron Water Replacement Projects will be presented to City Council for approval, with the exception of 4th Avenue Accelerate. Also, depending on the nature of the impacts of the projects either an Environmental Exemption or a Mitigated Negative Declaration along with a Mitigation, Monitoring, and Reporting Program was prepared.

COMMUNITY PARTICIPATION AND PUBLIC OUTREACH EFFORTS:

During the Design Phase the Fiscal Year 2007 Cast Iron Water Main Replacement Projects were presented to the effected Community Planning Committees. Once financing is approved for each project, the effected community will be updated on the project. In addition, residents and businesses will be notified by mail by the City's Engineering and Capital Projects Department at least one (1) month before construction begins and again ten (10) days before construction begins by the Contractor through hand distribution of notices.

KEY STAKEHOLDERS & PROJECTED IMPACTS (if applicable):

The citizens of the City of San Diego will encounter inconveniences during construction. After completion, residents will experience improved reliability of the water distribution system.

Patti Boekamp, Originating Department

Attachments: Fiscal Year 2007 Cast Iron Water Replacement Projects Map

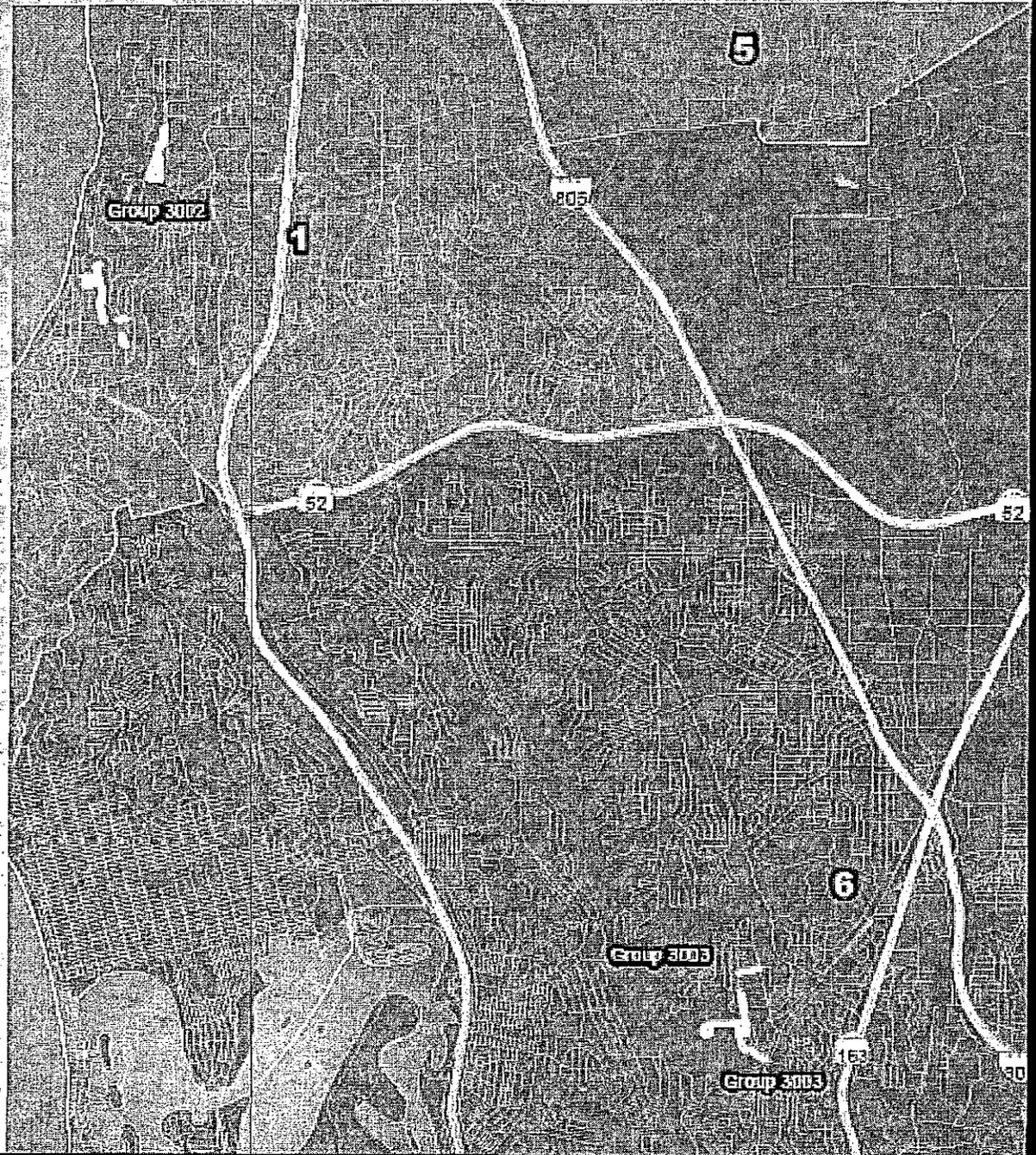
**FISCAL YEAR 2007
CAST IRON WATER MAIN
REPLACEMENT PROJECTS**

Program Goals

- Replace old deteriorated cast iron water mains to improve the reliability of the water distribution system.
- Department of Health Services (DHS) Compliance Order

Projects & Locations

Water Group 3003
Water Group 3002



Projects & Locations

Water Group 521

4th Ave Accel Water

S&W Group 741 CO

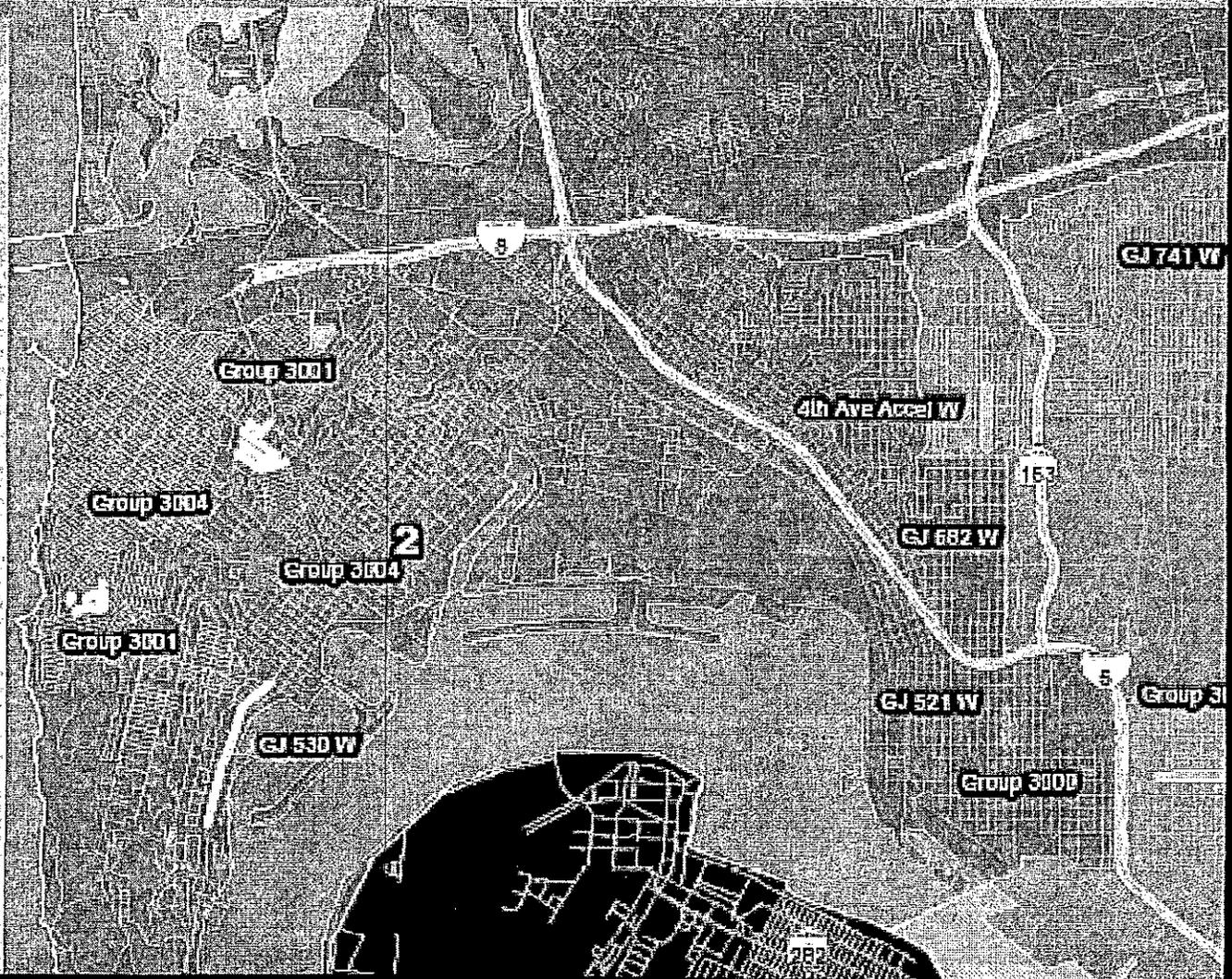
Water Group 3000

Water Group 3001

Water Group 682

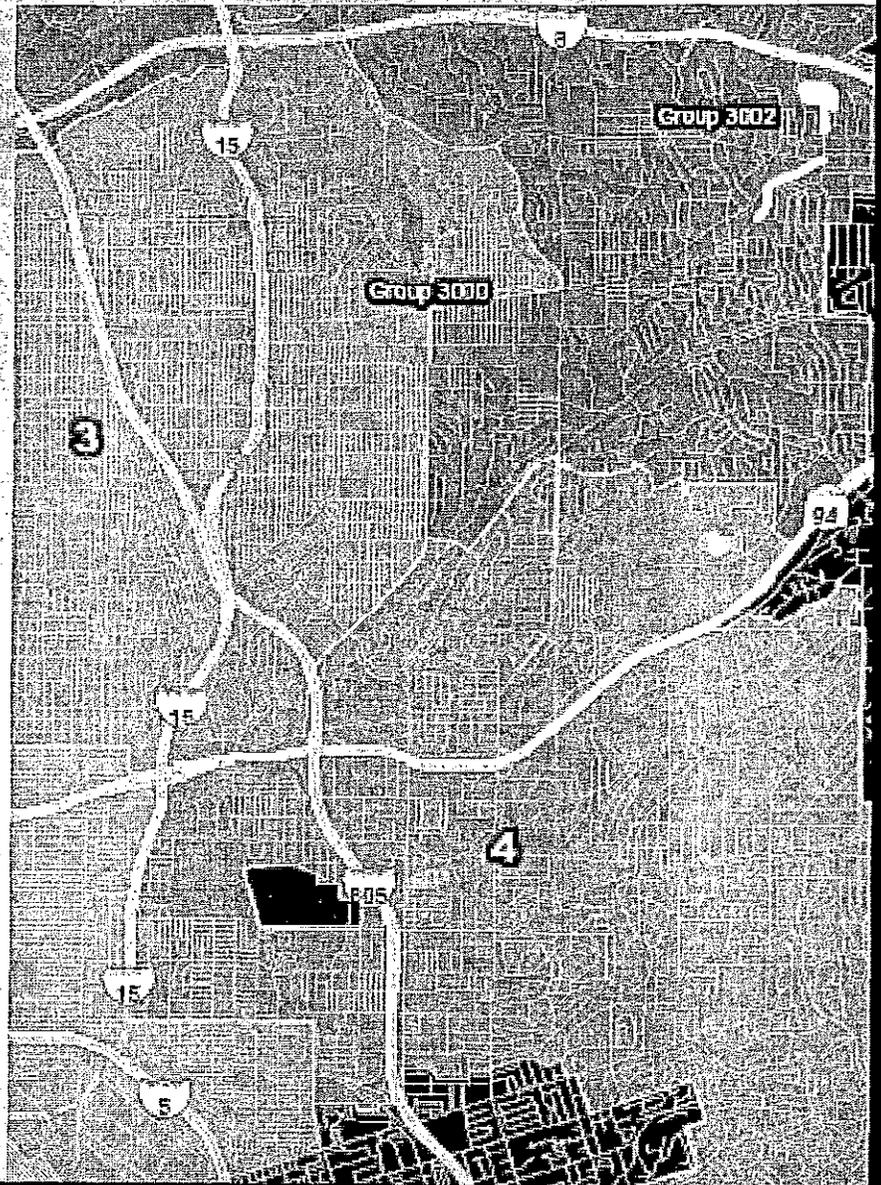
Water Group 3004

Water Group 530



Projects & Locations

Water Group 3000
Water Group 3002



Projects, General Information

- Total Number of Contracts: *10*
- Total Length of the CI Water Main Replacement: *12.4 miles*
- Total Estimated Cost for All 10 Projects: *\$30 million*
- Typical Project Scope: *CI water main replacement, water services, fire hydrants, curb ramps, street repair, and other various upgrades to the water distribution system.*
- Location: *Council Districts 1, 2, 3, 6, & 7*
- Environmental: *Environmental Exemption or Mitigated Negative Declaration*

Funding Sources

- Cash Funded
- Subordinated Water Revenue Notes, Series 2007A
- Future Water Revenue Bonds

Final Steps

- Finalize Construction Contracts
- Complete Environmental Permits
- Obtain the Project Funds
- Council Approval
- Notify Stakeholders
- Award the Contracts