

|  |  |
|--|--|
| <b>REQUEST FOR COUNCIL ACTION</b><br>CITY OF SAN DIEGO | CERTIFICATE NUMBER<br>(FOR COMPTROLLER'S USE ONLY)<br>3000006425 |
|--|--|

|                     |   |                     |
|---------------------|---|---------------------|
| TO:<br>CITY COUNCIL | FROM (ORIGINATING DEPARTMENT):<br>Transportation&Storm Water Dept | DATE:<br>09/04/2013 |
|---------------------|---|---------------------|

SUBJECT: Authorize an Agreement with Weston Solutions for Storm Water Monitoring & Reporting Management Services (H135955)

|  |  |
|--|--|
| PRIMARY CONTACT (NAME, PHONE):<br>Andre Sonksen, (858) 541-4317; MS 1900 | SECONDARY CONTACT (NAME, PHONE):<br>Kris McFadden, (858) 541-4320; MS 1900 |
|--|--|

**COMPLETE FOR ACCOUNTING PURPOSES**

|                              |                  |      |      |      |      |
|------------------------------|------------------|------|------|------|------|
| FUND                         | 100000           |      |      |      |      |
| DEPT / FUNCTIONAL AREA       | OTHR-00000000-SH |      |      |      |      |
| ORG / COST CENTER            | 2116121214       |      |      |      |      |
| OBJECT / GENERAL LEDGER ACCT | 512059           |      |      |      |      |
| JOB / WBS OR INTERNAL ORDER  |                  |      |      |      |      |
| C.I.P./CAPITAL PROJECT No.   |                  |      |      |      |      |
| AMOUNT                       | \$90,000.00      | 0.00 | 0.00 | 0.00 | 0.00 |

|                              |      |      |      |      |      |
|------------------------------|------|------|------|------|------|
| FUND                         |      |      |      |      |      |
| DEPT / FUNCTIONAL AREA       |      |      |      |      |      |
| ORG / COST CENTER            |      |      |      |      |      |
| OBJECT / GENERAL LEDGER ACCT |      |      |      |      |      |
| JOB / WBS OR INTERNAL ORDER  |      |      |      |      |      |
| C.I.P./CAPITAL PROJECT No.   |      |      |      |      |      |
| AMOUNT                       | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

**COST SUMMARY (IF APPLICABLE):** Agreement Not-to-Exceed Amount: \$495,000  
 Expenditure Budgeted in T&SWD GF FY 2014: \$90,000  
 Contract Allocation for FY 2015 - 2019 to be Budgeted in T&SWD GF:\$405,000

**ROUTING AND APPROVALS**

| CONTRIBUTORS/REVIEWERS:       | APPROVING AUTHORITY       | APPROVAL SIGNATURE | DATE SIGNED |
|-------------------------------|---------------------------|--------------------|-------------|
| Environmental Analysis        | ORIG DEPT.                | McFadden, Kris     | 9/18/2013   |
| Liaison Office                | CFO                       |                    |             |
| Equal Opportunity Contracting | DEPUTY CHIEF              |                    |             |
| Financial Management          | COO                       |                    |             |
| Comptroller                   | CITY ATTORNEY             | Stroud, Heather    |             |
|                               | COUNCIL PRESIDENTS OFFICE |                    |             |

|   |   |                                       |                                       |                                  |
|---|---|---------------------------------------|---------------------------------------|----------------------------------|
| PREPARATION OF:   | <input checked="" type="checkbox"/> RESOLUTIONS   | <input type="checkbox"/> ORDINANCE(S) | <input type="checkbox"/> AGREEMENT(S) | <input type="checkbox"/> DEED(S) |
| <p>1. Authorizing the Council President, in his capacity under Charter section 265(i), or his designee, to execute an Agreement with Weston Solutions not-to-exceed \$495,000 for Storm Water Monitoring &amp; Reporting; and,</p> <p>2. Authorizing the expenditure in an amount not to exceed \$90,000 from the Fiscal Year 2014 Transportation &amp; Storm Water Department operating budget to provide funds for the Agreement, contingent upon the Comptroller certifying that funds are available; and,</p> <p>3. Authorizing the expenditure in an amount not to exceed \$405,000 from Fiscal Years 2015 through Fiscal Year 2019 Transportation &amp; Storm Water Department operating budget to provide funds for the Agreement, contingent upon approval of the Fiscal Year 2015 through Fiscal Year 2019 Appropriation Ordinances, and contingent upon the Chief Financial Officer certifying that funds are available, and;</p> |   |                                       |                                       |                                  |
| STAFF RECOMMENDATIONS:<br>Approve Requested Actions.  |   |                                       |                                       |                                  |
| SPECIAL CONDITIONS (REFER TO A.R. 3.20 FOR INFORMATION ON COMPLETING THIS SECTION)  |   |                                       |                                       |                                  |
| COUNCIL DISTRICT(S):  | All   |                                       |                                       |                                  |
| COMMUNITY AREA(S):  | All   |                                       |                                       |                                  |
| ENVIRONMENTAL IMPACT:   | This activity is not subject to the California Environmental Quality Act (CEQA) under CEQA Guidelines section 15060(c)(2)-(3). This activity is not a "project" under CEQA Guidelines section 15060(c)(3), as defined in CEQA Guidelines Section 15378, because it involves services for the development and maintenance of a storm water database to manage monitoring data and comply with regulatory reporting requirements. |                                       |                                       |                                  |
| CITY CLERK INSTRUCTIONS:  |   |                                       |                                       |                                  |

**COUNCIL ACTION  
EXECUTIVE SUMMARY SHEET  
CITY OF SAN DIEGO**

DATE: 09/04/2013

ORIGINATING DEPARTMENT: Transportation&Storm Water Dept

SUBJECT: Authorize an Agreement with Weston Solutions for Storm Water Monitoring & Reporting Management Services (H135955)

COUNCIL DISTRICT(S): All

CONTACT/PHONE NUMBER: Andre Sonksen/ (858) 541-4317; MS 1900

**DESCRIPTIVE SUMMARY OF ITEM:**

This item will authorize a five-year agreement with Weston Solutions for consulting service to support and manage the City's storm water monitoring and reporting functions. This agreement will support the Storm Water Division's efforts to adapt and optimize its monitoring and reporting requirements under several changing regulatory requirements, and improve the use of the data collected under several programs to adaptively manage its storm water program.

**STAFF RECOMMENDATION:**

Approve Requested Actions.

**EXECUTIVE SUMMARY OF ITEM BACKGROUND:** The Storm Water Division uses a Storm Water Data Management System (SWDMS) for environmental monitoring and reporting to collect and manage storm water monitoring data and report its findings to several regulatory agencies. Changes in the new 2013 Municipal Separate Storm Sewer System Permit (MS4 Permit) issued by the San Diego Regional Water Quality Control Board, and initiation of other monitoring programs and permits has rendered large portions of the current system out-of-date. Consultant services provided under the Storm Water Monitoring & Reporting Management Services Agreement (H135955) will support the City in incorporating the changes in monitoring required of the new MS4 Permit, along with the monitoring and data requirements of additional smaller programs into the SWDMS. The consultant will also assist the City in optimizing data collection and manipulation workflows and to develop processes to extract and interpret the data collected in order to support the adaptive management processes.

After review by the Department of IT, the scope of work under this contract was competitively procured through a request for proposals (RFP) process pursuant to San Diego Municipal Code Section 22.3207, and Administrative Regulation 25.60. The RFP was issued by the Purchasing & Contracting Department. Four (4) proposals were received, and a selection panel, in compliance with City Council Policy No. 300-7, was convened. The selection panel consisted of knowledgeable City staff, including a representative from the Equal Opportunity Contracting Program (EOCP). Weston Solutions was deemed to be the most qualified firm to perform the scope of work by the panel, and was selected for the contract award after successful contract negotiations.

Under this agreement, Weston Solutions will coordinate with the City to maintain existing required functionality and enhance the SWDMS to meet the requirements of the new MS4 Permit, the requirements of other storm water system permits, regulations, and additional business needs. The consultant will provide subject matter expertise in disciplines related to

storm water monitoring and other related activities such as monitoring procedures and protocols; analytic methods; data collection, data interpretation, data processing, work flow optimization; and database schema. Subsequent to the system enhancements, consultant support will include documentation, testing and troubleshooting. Weston Solutions will work in coordination with the City's Information Technology Applications/Solutions provider and Department of Information Technology to implement and document all system changes.

**FISCAL CONSIDERATIONS:** The approval of this item will authorize an expenditure of \$90,000 in the Transportation and Storm Water Department FY 2014 General Fund operating budget. Funds in Fiscal Year 2014 have been identified and budgeted for this purpose. The remaining \$405,000 of expenditures under this agreement will be distributed in approximately equal increments over the remaining four and a half fiscal years of the agreements duration. Funds will be budgeted by the Storm Water Division for future Fiscal Years 2015 - 2019, and expended subsequent to Council adoption of the corresponding years' Appropriation Ordinance, and upon the Chief Financial Officer furnishing one or more certifications that funds are available.

**EQUAL OPPORTUNITY CONTRACTING INFORMATION:** This Agreement is subject to the City's Equal Opportunity Contracting requirements (San Diego Ordinance No. 18173, Section 22.2701 through 22.2708), and to the Non-Discrimination in Contracting Ordinance (San Diego Municipal Code, Sections 22.351 through 22.3517).

Funding Agency: City of San Diego

Goals: 20% Voluntary (SLBE/ELBE)

Subconsultant Participation: 45%

Other: Work Force Reports Submitted.

**PREVIOUS COUNCIL and/or COMMITTEE ACTION** (describe any changes made to the item from what was presented at committee): None. This item is scheduled to be heard by the NR&C Committee on October 16, 2013.

**COMMUNITY PARTICIPATION AND PUBLIC OUTREACH EFFORTS:** None for this action. The Storm Water Monitoring & Reporting Management Services Agreement (H135955) was advertised and procured through an open competitive procurement process.

**KEY STAKEHOLDERS AND PROJECTED IMPACTS:** Weston Solutions. There are no projected impacts anticipated from this action.

McFadden, Kris  
Originating Department

---

Deputy Chief/Chief Operating Officer

File: Admin WOFO 2000  
 Date WOFO Submitted: 5/24/2013  
 Input by: JPM

Goals reflect statistical labor force availability for the following: 2000 CLFA  
**San Diego, CA**

City of San Diego/Equal Opportunity Contracting  
**WORK FORCE ANALYSIS REPORT**  
 FOR  
 Company: **Weston Solutions**

I. TOTAL WORK FORCE:

|                        | Black |          |          | Hispanic |          |          | Asian |          |          | American Indian |          |          | Filipino |          |          | White     |           | Other    |          |
|------------------------|-------|----------|----------|----------|----------|----------|-------|----------|----------|-----------------|----------|----------|----------|----------|----------|-----------|-----------|----------|----------|
|                        | Goals | M        | F        | Goals    | M        | F        | Goals | M        | F        | Goals           | M        | F        | Goals    | M        | F        | M         | F         | M        | F        |
| Mgmt & Financial       | 3.3%  | 0        | 0        | 11.9%    | 1        | 0        | 6.2%  | 0        | 1        | 0.4%            | 0        | 0        | 6.2%     | 0        | 0        | 1         | 4         | 0        | 0        |
| Professional           | 4.0%  | 0        | 0        | 12.6%    | 0        | 0        | 6.5%  | 0        | 1        | 0.5%            | 0        | 0        | 6.5%     | 0        | 0        | 2         | 0         | 0        | 0        |
| A&E, Science, Computer | 2.8%  | 0        | 0        | 7.3%     | 0        | 1        | 16.2% | 0        | 2        | 0.3%            | 0        | 0        | 16.2%    | 0        | 0        | 3         | 6         | 0        | 0        |
| Technical              | 5.6%  | 0        | 0        | 14.8%    | 0        | 0        | 17.2% | 0        | 0        | 0.4%            | 1        | 0        | 17.2%    | 0        | 0        | 5         | 3         | 0        | 0        |
| Sales                  | 3.9%  | 0        | 0        | 19.5%    | 0        | 0        | 6.8%  | 0        | 0        | 0.6%            | 0        | 0        | 6.8%     | 0        | 0        | 1         | 1         | 0        | 0        |
| Administrative Support | 7.0%  | 0        | 0        | 20.8%    | 0        | 0        | 8.8%  | 0        | 0        | 0.6%            | 0        | 0        | 8.8%     | 0        | 0        | 0         | 5         | 0        | 0        |
| Services               | 5.5%  | 0        | 0        | 36.9%    | 0        | 0        | 9.7%  | 0        | 0        | 0.6%            | 0        | 0        | 9.7%     | 0        | 0        | 0         | 0         | 0        | 0        |
| Crafts                 | 4.5%  | 0        | 0        | 25.8%    | 0        | 0        | 9.1%  | 0        | 0        | 0.7%            | 0        | 0        | 9.1%     | 0        | 0        | 0         | 0         | 0        | 0        |
| Operative Workers      | 4.3%  | 0        | 0        | 38.8%    | 0        | 0        | 20.8% | 0        | 0        | 0.3%            | 0        | 0        | 20.8%    | 0        | 0        | 0         | 0         | 0        | 0        |
| Transportation         | 8.1%  | 0        | 0        | 32.1%    | 0        | 0        | 4.5%  | 0        | 0        | 0.5%            | 0        | 0        | 4.5%     | 0        | 0        | 0         | 0         | 0        | 0        |
| Laborers               | 4.4%  | 0        | 0        | 54.0%    | 0        | 0        | 4.1%  | 0        | 0        | 0.5%            | 0        | 0        | 4.1%     | 0        | 0        | 0         | 0         | 0        | 0        |
| <b>TOTAL</b>           |       | <b>0</b> | <b>0</b> |          | <b>1</b> | <b>1</b> |       | <b>0</b> | <b>4</b> |                 | <b>1</b> | <b>0</b> |          | <b>0</b> | <b>0</b> | <b>12</b> | <b>19</b> | <b>0</b> | <b>0</b> |

HOW TO READ TOTAL WORK FORCE SECTION:

The information blocks in Section 1 (Total Work Force) identify the absolute number of the firm's employees. Each employee is listed in their respective ethnic/gender and employment category. The percentages listed under the heading of "CLFA Goals" are the County Labor Force Availability goals for each employment and ethnic/gender category.

Mgmt & Financial  
 Professional  
 A&E, Science, Computer  
 Technical  
 Sales  
 Administrative Support  
 Services  
 Crafts  
 Operative Workers  
 Transportation  
 Laborers

| TOTAL EMPLOYEES |           |           | Female Goals |
|-----------------|-----------|-----------|--------------|
| ALL             | M         | F         |              |
| 7               | 2         | 5         | 39.8%        |
| 3               | 2         | 1         | 59.5%        |
| 12              | 3         | 9         | 22.3%        |
| 9               | 6         | 3         | 49.0%        |
| 2               | 1         | 1         | 49.4%        |
| 5               | 0         | 5         | 73.2%        |
| 0               | 0         | 0         | 62.3%        |
| 0               | 0         | 0         | 8.6%         |
| 0               | 0         | 0         | 36.7%        |
| 0               | 0         | 0         | 15.2%        |
| 0               | 0         | 0         | 11.1%        |
| <b>TOTAL</b>    | <b>38</b> | <b>14</b> | <b>24</b>    |

HOW TO READ EMPLOYMENT ANALYSIS SECTION:

The percentages listed in the goals column are calculated by multiplying the CLFA goals by the number of employees in that job category. The number in that column represents the percentage of each protected group that should be employed by the firm to meet the CLFA goal. A negative number will be shown in the discrepancy column for each underrepresented goal of at least 1.00 position.

II. EMPLOYMENT ANALYSIS

|                        | Black |        |             | Hispanic |        |             | Asian |        |             | American Indian |        |             | Filipino |        |             | Female |        |             |
|------------------------|-------|--------|-------------|----------|--------|-------------|-------|--------|-------------|-----------------|--------|-------------|----------|--------|-------------|--------|--------|-------------|
|                        | Goals | Actual | Discrepancy | Goals    | Actual | Discrepancy | Goals | Actual | Discrepancy | Goals           | Actual | Discrepancy | Goals    | Actual | Discrepancy | Goals  | Actual | Discrepancy |
| Mgmt & Financial       | 0.23  | 0      | N/A         | 0.83     | 1      | N/A         | 0.43  | 1      | N/A         | 0.03            | 0      | N/A         | 0.43     | 0      | N/A         | 2.79   | 5      | 2.21        |
| Professional           | 0.12  | 0      | N/A         | 0.38     | 0      | N/A         | 0.20  | 1      | N/A         | 0.02            | 0      | N/A         | 0.20     | 0      | N/A         | 1.79   | 1      | N/A         |
| A&E, Science, Computer | 0.34  | 0      | N/A         | 0.88     | 1      | N/A         | 1.94  | 2      | N/A         | 0.04            | 0      | N/A         | 1.94     | 0      | (1.94)      | 2.68   | 9      | 6.32        |
| Technical              | 0.59  | 0      | N/A         | 1.33     | 0      | (1.33)      | 1.55  | 0      | (1.55)      | 0.04            | 1      | N/A         | 1.55     | 0      | (1.55)      | 4.41   | 3      | (1.41)      |
| Sales                  | 0.08  | 0      | N/A         | 0.39     | 0      | N/A         | 0.14  | 0      | N/A         | 0.01            | 0      | N/A         | 0.14     | 0      | N/A         | 0.99   | 1      | N/A         |
| Administrative Support | 0.35  | 0      | N/A         | 1.04     | 0      | (1.04)      | 0.44  | 0      | N/A         | 0.03            | 0      | N/A         | 0.44     | 0      | N/A         | 3.66   | 5      | 1.34        |
| Services               | 0.00  | 0      | 0.00        | 0.00     | 0      | 0.00        | 0.00  | 0      | 0.00        | 0.00            | 0      | 0.00        | 0.00     | 0      | 0.00        | 0.00   | 0      | 0.00        |
| Crafts                 | 0.00  | 0      | 0.00        | 0.00     | 0      | 0.00        | 0.00  | 0      | 0.00        | 0.00            | 0      | 0.00        | 0.00     | 0      | 0.00        | 0.00   | 0      | 0.00        |
| Operative Workers      | 0.00  | 0      | 0.00        | 0.00     | 0      | 0.00        | 0.00  | 0      | 0.00        | 0.00            | 0      | 0.00        | 0.00     | 0      | 0.00        | 0.00   | 0      | 0.00        |
| Transportation         | 0.00  | 0      | 0.00        | 0.00     | 0      | 0.00        | 0.00  | 0      | 0.00        | 0.00            | 0      | 0.00        | 0.00     | 0      | 0.00        | 0.00   | 0      | 0.00        |
| Laborers               | 0.00  | 0      | 0.00        | 0.00     | 0      | 0.00        | 0.00  | 0      | 0.00        | 0.00            | 0      | 0.00        | 0.00     | 0      | 0.00        | 0.00   | 0      | 0.00        |

Goals are set by job categories for each protected group. An underrepresentation is indicated by a negative number, but if the DISCREPANCY is less than -1.00 position, a N/A will be displayed to show there is no underrepresentation.

**RECEIVED**  
 JAN 24 2013

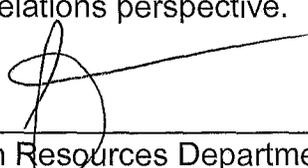
**City of San Diego  
 Human Resources Department**

**Request for Human Resources Approval for Purchase Requisition...**

Requesting Department: Transportation & Strom Water  
 Vendor Name: Not Yet Known (to be Bid)  
 Purchase Requisition #: 10034302  
 Department Contact: Andre Sonksen  
 Date of Request: 1/23/2013  
 Contract Amount: Not Yet Known (RFP)

| <u>Question</u>  | <u>Department Response</u>  |
|--|---|
| What is the contract for?  | The services of a qualified environmental consultant to develop and maintain a Water Quality Monitoring and Report Management System pursuant to current storm water regulations, to include multiple platform observation inputs, validation and analysis, regulatory and ad hoc reports, and archiving. |
| Are City employees currently performing any of the work?   | <u>No</u>   |
| Will any City employees be displaced as a result of this bid?  | <u>No</u>   |
| If this is a renewal of an existing contract, how long have these services been contracted out?  | <u>Yes, part of this work has been under contract for the past 4 years under a previous Agreement initiated by SDDPC. This Agreement is for professional consultant services only.</u>  |
| Is this a Public Works Contract? (construction, reconstruction or repair of City buildings, street or other facilities)                                    | <u>No</u>   |
| Is this a Tenant Improvement?  | <u>No</u>   |
| Was another department contacted to determine if they can or do perform this service (i.e. Streets, Facilities, etc.)? If so, please attach communication. | <u>No</u>   |

NOTE: If a public works construction contract and over \$100k, see City Charter Section 94.

|   |  |   |
|---|--|---|
| <b><u>HUMAN RESOURCES DEPARTMENT USE ONLY</u></b>   |  | <input checked="" type="checkbox"/> <b>APPROVED</b> |
| Based on the Department's representation, this contract is _____<br>from a labor relations perspective. |  |   |
|                      |  | <u>1/28/13</u>                                      |
| Human Resources Department Liaison  |  | Date  |



## 1 Executive Summary

In response to the City of San Diego’s (City’s) request for environmental services for Storm Water Monitoring and Reporting Management Services, Weston Solutions, Inc. (WESTON) has assembled a proven team with successful recent and relevant experience for the City to effectively complete the full scope of services.



**WESTON**, as the Prime Contractor, will be the primary

point of contact responsible for the overall project. WESTON has been committed to the San Diego County’s Water Quality since 1987. *Since 2004, we have completed over 117 projects for the City.* We were awarded the 2000 and 2005 As-Needed Contract for the City and continue to successfully execute work similar in scope to this contract.

**WESTON is the most knowledgeable firm regarding the City’s database and fully understands the City’s needs better than any other contractor.**

WESTON is a leading international environmental consulting, engineering, and redevelopment firm with 45 offices worldwide, including a local office in Carlsbad. We have reach-back to of over 1,600 environmental professionals. WESTON has completed numerous high level environmental database development projects, including recent projects for the City and the Irvine Ranch Water District.

**Outstanding Service.** *“You (WESTON) are always willing to help... You have the best customer service attitude of anyone I know. You should get the customer service award!...”*

- Ruth Kolb, City of San Diego

We have supplemented our in-house capabilities with highly qualified teaming partners. **Our Team’s understanding of environmental programmatic data management process flows and reporting for permit compliance, specifically for the city, is unmatched.** Our team includes:

### MOST COMPELLING REASONS TO CHOOSE THE WESTON TEAM

- ▶ **Recent and relevant experience resulting in an unmatched understanding of the City’s Storm Water and Transportation Department.** We will ensure development of a tool that continues to support the City’s holistic needs. We will develop practical metrics to demonstrate program success.
- ▶ **Extensive permitting expertise.** We are extremely knowledgeable of the new NPDES Storm Water Permit requirements, and associated data management needs that can be met by well-informed development of the SWDMS. We are ready to support the City in addressing near-term and future challenges under the new MS4 Permit, TMDLs and new §303d listings. Our teaming partner, URS, has been implementing the Master Maintenance Permit and has a unique understanding of all program aspects.
- ▶ **In-depth understanding of all the aspects of TMDL projects.** WESTON has designed and implemented TMDL related studies for the City. We are highly experienced in data collection procedures, data processing and reporting. We have developed, implemented, stored, and reported data required for regional board directives.
- ▶ **In-house database expertise with extensive experience working with the City.** WESTON has developed numerous environmental databases including the SWDMS for the City and large scale projects for the EPA, NASA, and U.S. Army Corps of Engineers (USACE). We have built automated reporting tools to extract database information and databases for calculation of loads, indices and compliance metrics.



 **Environmental Science Associates (ESA)** is a full-service environmental consulting firm chosen for this team as a result of their unparalleled technical expertise in TMDLs, Regional Board Directives, and Reporting Systems. ESA offers professional consulting services that include hydrology, hydraulic engineering, storm water management, sediment transport modeling, pollutant modeling, and water resource planning and design.

 **URS Corporation (URS)** is a leader in storm water and water quality management programs in the San Diego region. They were chosen for this team as a result of their ability to provide Programmatic and Storm Water Monitoring Support for on-call contracts. They are currently supporting the City under six main programmatic areas including: storm water Best Management Practice (BMP) development and engineering, asset management, environmental assessment, and permitting, monitoring and investigations, strategic planning, and program assessment services. *URS's San Diego office was ranked as one of the top three engineering design firms by the San Diego Business Journal.*

 **Mikhail Ogawa Engineering (MOE)** is a SLBE and DBE located in San Diego. MOE's services have been focused in San Diego County and primarily for regulated communities. MOE was chosen for the team due to their expertise in Water Quality Improvement Plans and the Municipal MS4 Permit. Project experience includes completing engineering and urban runoff management program tasks on time, within budget, and in compliance with regulatory agencies and permits. Knowing the "ins and outs" of urban runoff programs and jurisdictional functions allows MOE to provide meaningful input in the development

of programs or specific activities for implementation.

 **Laboratory Data Consultants, Inc. (LDC)**, a SBE located in Carlsbad CA, is a quality assurance and environmental chemistry company focused in data validation, data quality assessment, database implementation, and data usability. LDC was chosen for the team to provide data validation, assessment, and structure design recommendations.

## 2 Identification of Proposer

**Legal Name & Corporate Address:**  
**Weston Solutions, Inc.**  
1400 Weston Way  
West Chester, PA 19380-2653  
**Legal Form of Company:**  
Corporation, est. 1975  
**Wholly Owned:**  
100% Employee Owned  
**San Diego County Office Information:**  
5817 Dryden Place, Suite 101 (Current)  
Carlsbad, CA 92008  
2433 Impala Drive (Previous)  
Carlsbad, CA 92010  
**Maintained Since:**  
1987  
**Number of San Diego County Employees:**  
38 (Company total: 1,600)  
**San Diego Business Tax Certificate Number:**  
No. B2001006750  
**Contact Information:**  
Lisa Marie Kay, V.P., Pacific Coast Regional Manager  
**Address:**  
5817 Dryden Place, Suite 101  
San Diego, CA 92008  
**Telephone:**  
760.795.6953 direct / 760.497.6287 cell  
760.931.1580 fax  
**Email:**  
Lisa.Kay@westonsolutions.com



### 3 Experience and Technical Competence

The WESTON Team has extensive proven experience in the full scope of services required to successfully meet the needs of the City through this contract. We are well-versed in environment database systems and understand the regulatory drivers and compliance requirements. We have completed numerous high level environmental database development projects including the water quality database for the City, the Irvine Ranch Water District and large scale projects for the EPA, NASA, and USACE.

In addition to our database development expertise, the WESTON Team has broad experience designing and implementing water quality monitoring projects and special studies for the City and numerous other jurisdictions. We were the primary author of the City's Five-Year Watershed Activity Strategic Plan to meet the 2007 NPDES Permit, and TMDL requirements for the City (2008-2009).

#### **Proven Experience for the City.**

*WESTON developed and maintains the City's current Storm Water Database Management System (SWDMS) as an SQL Server database. Our teaming partner, URS, has been implementing the Master Maintenance Permit and has a unique understanding of all program aspects. Our SLBE/DBE teaming partner, MOE has been continuously providing the City with services for the urban runoff management program. Our OBE teaming partner, ESA is currently working with the San Diego Copermittees on validating the modeling and data inputs for the Hydromodification Management Plan.*

Given our experience and competence in developing the existing SWDMS, WESTON was selected to produce an integrated SQL Server version of the Industrial/Commercial Inspections database and Treatment BMP Projects Inspections database, which is currently being developed by WESTON as a subcontractor under a separate contract.

### 3.1 Successful Working History

The WESTON Team has a successful history of working together for the City. WESTON and ESA have worked together on numerous NPDES Permit and TMDL driven projects for the City including Famosa Slough Water Quality Data Assessment and Modeling and the Los Peñasquitos Watershed Hydromodification Study and Sediment TMDL Modeling and Concept Project Development. MOE and WESTON have worked together over the past 9 years for the City, including the development of watershed management plans.



*WESTON and ESA worked together during the Los Peñasquitos Watershed Hydromodification Study and Sediment TMDL Modeling and Concept Project Development*

Our collective project experience enhances our understanding of the data collection, storage, reporting, and assessment needs for the City's Storm Water Pollution and Prevention Program. We have the unmatched ability to present complex data sets and modeling results in clear concise management reports, and this understanding allows us to recommend database structure and reporting features which lend themselves to efficient and effective reporting. We have proven experience in enhancing the database, which originally focused on the dry weather monitoring program, and was expanded by WESTON to incorporate special studies. Our team has the ability needed to enhance the



database system and reporting tools to address the City’s new MS4 Permit, Master Maintenance Permit, TMDLs, and other regulatory requirements.

### 3.2 Highlighted Projects for the City

We have highlighted three successfully completed projects for the City which are similar in nature and complexity:

1. Storm Water Data Management System (SWDMS)—City of San Diego Storm Water and Transportation Department
2. Jurisdictional Urban Runoff Management Plan (JURMP)/Watershed Urban Runoff Management Plan (WURPM)

Development/Program Effectiveness Assessment—City of San Diego As-Needed Storm Water Monitoring Services Contract

3. Chollas TMDL Planning, Implementation and Assessment Tasks—City of San Diego As-Needed Storm Water Monitoring Services Contract

Attachment DD has been completed for these projects and included as Attachment G.

Following the three project summaries, we provide **Table 3-1** that presents a sampling of our team’s additional relevant experience.

## PROJECT NO. 1. STORM WATER DATA MANAGEMENT SYSTEM (SWDMS), CITY OF SAN DIEGO STORM WATER AND TRANSPORTATION DEPARTMENT

Location: San Diego, CA

Owner’s Project Manager & Telephone  
 Andre Sonksen (PM) 858.541.4317  
 Project Type: Lump Sum  
 Total Value: \$504,700

### Project Overview

The City was challenged with managing and facilitating access to over 200,000 data records from 10 years of water quality, bioassessment, air deposition, sediment quality, and BMPs assessment monitoring and special studies. The City’s goal was to manage the environmental database to allow managers and staff to query data sets and produce tables and maps for NPDES Permit and TMDL compliance reporting.

The objective was to reduce the scope and resources needed to complete studies and compliance monitoring by supplementing proposed monitoring with historical data sets. The database query and mapping tools were to facilitate sharing of these data between management and staff and other contractors. WESTON was selected by the City to develop the SWDMS to meet these challenges and objectives. We developed and improved a non-proprietary, fully flexible data management system, the SWDMS, specific to

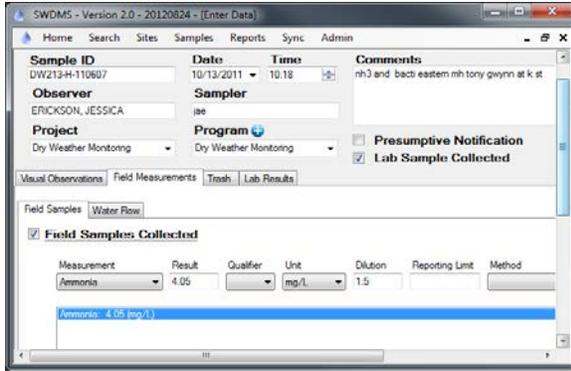
integrating the complexity of the Storm Water Pollution Prevention Division Water Monitoring Section data. This included the coastal storm drain, illicit discharge and detection, dry weather storm drain and trash monitoring programs.

| SiteName | SampleID      | Watershed   | InvestigationStatus | TaskType       | Event |
|----------|---------------|-------------|---------------------|----------------|-------|
| CSD123   | CSD123-111006 | Penasquitos | Closed              | Routine Sample | 10/4/ |
| CSD122   | CSD122-111006 | Penasquitos | Closed              | Routine Sample | 10/4/ |
| CSD097   | CSD097-111006 | Penasquitos | Closed              | Routine Sample | 10/4/ |
| CSD048   | CSD048-111006 | Penasquitos | Closed              | Routine Sample | 10/4/ |
| CSD047   | CSD047-111006 | Penasquitos | Closed              | Routine Sample | 10/4/ |
| CSD046   | CSD046-111006 | Penasquitos | Closed              | Routine Sample | 10/4/ |
| CSD045   | CSD045-111006 | Penasquitos | Closed              | Routine Sample | 10/4/ |
| CSD044   | CSD044-111006 | Penasquitos | Closed              | Routine Sample | 10/4/ |
| CSD043   | CSD043-111006 | Penasquitos | Closed              | Routine Sample | 10/4/ |
| CSD042   | CSD042-111006 | Penasquitos | Closed              | Routine Sample | 10/4/ |
| CSD041   | CSD041-111006 | Penasquitos | Closed              | Routine Sample | 10/4/ |

### Current Application Features

The system has data entry forms to collect information according to the regional storm water permit requirements. These forms support the following activities:

- Store and manage sample site location data. The sampling sites are located through GPS and the SWDMS system has the ability to automatically populate the spatial coordinate database fields by communicating with the GPS device that is typically an onboard feature of the Panasonic Toughbooks used by the City.



- Collect visual observation data according to the “sampling data sheet” standards that are agreed upon by the regional copermitees.
- Collect IC/ID sampling data according to the “sampling data sheet” standards that are agreed upon by the regional copermitees.
- Collect Coastal Storm sampling, Dry Weather sampling, Rapid Trash Assessment data according to the “sampling data sheet” standards that are agreed upon by the regional copermitees.
- The calculations included in the SWDMS system address the need to determine salinity, Total Dissolved Solids, volumetric flow of water and Nitrate to Nitrate-N conversions.
- Regional data sharing export. There are regional data sharing requirements that specify a specific format for exporting data that will be sent to participating copermitees.
- GIS integration. The SWDMS provided live connection to the database and a GIS data export feature to enable users to view the system data in ArcGIS.
- Importing and reporting of laboratory results. The laboratory results are delivered as a standard electronic data deliverable format. The SWDMS system has the ability to import data in this format and has a specific query interface to analyze this information.
- Custom reports to identify sampling sites visited weekly or monthly. The frequency

of sampling activities is a reporting requirement of the storm water permit.

- Custom report templates that output the data according to the “sampling data sheet” standards that are agreed upon by the regional copermitees.
- Ad-Hoc data reporting filter. This is also known as a custom filtered report or a user defined report. The SWDMS system allows the user to define filter parameters for data analysis.

### **Completed Tasks**

- Converted the current central database to SQLServer 2008 and deployed in an extranet environment. Converted the mobile application database to SQLEXPRESS and modified forms to use new data source.
- Implemented merge synchronization process from the tablet to the central server.
- Made improvements to current database and interface functionality based on direction from Storm Water Division users.
- Updated existing Standard JURMP reports to reflect recent changes in the Storm Water Permit reporting requirements.
- Provided technical support for user problems and system errors.

### **Project Benefits**

- Centralized database that addressed City’s challenge of managing over 200,000 data records from 10 years of water quality, bioassessment, air deposition, sediment quality, and BMP assessment monitoring and special studies.
- WESTON’s experience in developing environmental databases provided cost effective development of Storm Water Data Management System.
- WESTON’s expertise in SQL Server and GIS applications led to development of effective data query tools and mapping tools to facilitate data searches and presentation of search results on summary



tables and maps for compliance reporting and project prioritization and assessment.

- Query and mapping tools provide rapid presentation of priorities and allows

linkage with related data sets such as illicit discharges and dry weather data.

## PROJECT NO. 2. JURISDICTIONAL URBAN RUNOFF MANAGEMENT PLAN (JURMP)/WATERSHED URBAN RUNOFF MANAGEMENT PLAN (WURPM) DEVELOPMENT/PROGRAM EFFECTIVENESS ASSESSMENT—CITY OF SAN DIEGO AS-NEEDED STORM WATER MONITORING SERVICES

Location: San Diego, CA—Multiple Sites

Owner's Project Manager & Telephone  
 Andrew Kleis 619.525.8623  
 Ruth Kolb 619.525.8636  
 Project Type: Time and Materials (T&M)  
 Total Value: \$146,081.00

### Project Overview

WESTON was selected for the City's As-Needed Storm Water contract in 2000 and again in 2005. Under these contracts WESTON performed a variety of similar tasks, similar to this scope of services. We have chosen to highlight most relevant tasks as a "project summary" including the specific tasks described in-depth below.

WESTON provided recommendations for tracking data, including necessary fields to address the reporting requirements of the JURMP and WURMP from the previous Permit. This project demonstrates our ability to design data capture that will meet the requirements of the old permit; public outreach, engineering, streets, planning, TMDLS, special studies, and enforcement. Recommendations were made after a series of meetings and discussions with other City stakeholders. This project helped the Planning Department ask for the correct information from the other sections in a format ready for annual reporting.

In addition to data needs assessment, an assessment framework for City URMP was developed which included JURMP and WURMP assessment and a process for activity/BMP assessment. WESTON also participated in regional assessment framework development and provided data management recommendations.

As part of the assessment development, we worked closely with City staff to develop step-wise methodology including a program assessment, component assessment, and activity assessment. This development was based on planning, implementation and assessment.

This iterative annual assessment process included:

- **Planning** for permitting activities and selecting pilot and significant activities based on data gaps in Activity Efficiency Ratings Table.
  - Developing activity specific management questions.
  - Defining targeted outcomes, assessment methods, and assessment measures for each activity.
- **Implementation** included implementing the pilot, significant, and permit required activities and gathering data.
- **Assessment** included reporting activity results by outcome level in annual reports and optional load reduction to cost ratio estimation.

As part of the individual activity assessment we assessed individual JURMP and WURMP activities asking "Is the activity maximizing pollutant load reductions in a cost effective manner?" Management questions were assessed, including load reduction to cost ratio estimates to assess the effectiveness of an activity.

WESTON completed the JURMP and WURMP assessment chapters, WURPM management questions, and data management



recommendations. Draft significant activities were selected including activity approval and management question development and data

needs. WESTON also developed permit-required data needs.

### PROJECT NO. 3. CHOLLAS TMDL PLANNING, IMPLEMENTATION AND ASSESSMENT TASKS—CITY OF SAN DIEGO AS-NEEDED STORM WATER MONITORING SERVICES

Location: San Diego, CA—Multiple Sites

**Owner’s Project Manager & Telephone**  
Andrew Kleis 619.525.8623  
Ruth Kolb 619.525.8636  
**Project Type:** Time and Materials (T&M)  
**Total Approx. Value:** \$4.23M

#### Project Overview

Under the City’s As-Needed Storm Water contract, WESTON completed the TMDL planning, implementation, and assessment tasks including the specific tasks at Chollas Creek described in-depth below.

WESTON first completed the Chollas Creek TMDL Engineering Report, providing a basis for the TMDL Implementation Plan and conducted negotiations with the Regional Board and stakeholders during the draft TMDL process.

WESTON prepared the Chollas Creek TMDL Source Loading, BMPs, and Monitoring Strategy Assessment, detailing the process with which the City could navigate the Chollas Creek Diazinon, Dissolved Metals, and Bacteria TMDLs. The process involved developing a tiered and phased implementation program giving dischargers flexibility to gain knowledge of sources and BMP options to meet the load reductions. The report also outlined the studies needed to build this knowledge, including aerial deposition studies, watershed modeling, beneficial-use assessments, and the development of a Site Specific Objectives (SSO) for dissolved copper, lead, and zinc through a WER study. WESTON later developed the Chollas Creek TMDL Implementation Plan (2009) through a collaborative stakeholder process with dischargers that implemented the phased and tiered approach. The approach outlined conceptual processes needed to meet TMDL

load reduction targets; whereas, the phased approach was intended to implement the concepts based on knowledge gained through each successive project. Based on the original source assessment document, WESTON designed, implemented, and completed the Chollas Creek Dissolved Copper, Lead, and Zinc WER Study to develop a Chollas Creek SSO.



WESTON staff at Chollas Creek

Study results demonstrated TMDL criteria were over-protective and needed modification in accordance with EPA recommendations. Results also allow dischargers to cost-effectively focus on areas of the watershed truly in need of BMP implementation as opposed to a one-size-fits-all approach. WESTON assessed the Chollas Creek beneficial uses and verified that beneficial uses do exist in the watershed requiring protection through management action. WESTON attended stakeholder meetings with the client to provide technical recommendations. WESTON’s Aerial Deposition Study developed from the Chollas Creek TMDL Programs was the critical bridge for initiating the Brake Pad Copper Bill (SB346-Kehoe).



**Table 3-1 Additional Relevant Project Experience**

| Project Experience Demonstrating Required Subject Matter Expertise and Relevant Scope of Services  |  |
|--|--|
| <p><b>As-Need Storm Water Monitoring Services Contracts (2000 &amp; 2005), City of San Diego.</b> WESTON has performed a variety of projects similar to this scope of services including: TMDL Development, Compliance Monitoring, Implementation Strategy, and Planning, Watershed Management, Special Studies, Source Identification Monitoring, Bacteria Speciation, Concept Designs, and Program Effectiveness Assessment.</p>   |  |
| <ul style="list-style-type: none"> <li>✓ Storm water monitoring</li> <li>✓ Monitoring procedure and protocols</li> <li>✓ Analytic methods</li> <li>✓ Data collection/interpretation/tabulation</li> <li>✓ Calculations/conversions</li> <li>✓ Visual/instrument observations recording/field/hand instrument/data capture</li> <li>✓ Database schema</li> </ul>  | <ul style="list-style-type: none"> <li>✓ Municipal Storm Water Permit</li> <li>✓ Master Maintenance Program</li> <li>✓ Water Quality Improvement Plans</li> <li>✓ TMDLs</li> <li>✓ Regional Board Directives</li> <li>✓ Monitoring Systems</li> <li>✓ Reporting Systems</li> </ul> |
| <p><b>Special Monitoring Projects (TMDL) and Design Storm Determination, Various Locations, City of San Diego.</b> WESTON has conducted specialized water quality sampling in several watersheds to develop a design storm approach for TMDLs. Included installation and operation of automated storm water sample collection stations that are controlled remotely using wireless technology. Results used to develop recommendations for a design storm approach that was presented in the Chollas Creek TMDL Implementation Plan, but represented conditions in all six watersheds.</p>   |  |
| <ul style="list-style-type: none"> <li>✓ Storm water monitoring</li> <li>✓ Monitoring procedure and protocols</li> <li>✓ Analytic methods</li> <li>✓ Data collection/interpretation/tabulation</li> <li>✓ Calculations/conversions</li> <li>✓ Visual/instrument observations recording/field/hand instrument/data capture</li> </ul>   | <ul style="list-style-type: none"> <li>✓ Database schema</li> <li>✓ Municipal Storm Water Permit</li> <li>✓ TMDLs</li> <li>✓ Monitoring Systems</li> <li>✓ Reporting Systems</li> </ul>  |
| <p><b>Los Peñasquitos Lagoon TMDL Monitoring and Watershed Characterization Studies, City of San Diego.</b> WESTON and ESA initiated a series of extensive studies and modeling to understand the physical, chemical, and biological processes and the impacts of sedimentation from the lagoon's watershed drainages. Demonstrates our understanding of data needs and assessment for the City's TMDLs, use of existing water quality data for TMDL assessment, and presentation of complex data sets and modeling results in clear concise management reports both electronically and in written reports. This process supports the WQIP process that is required under the re-issued Storm Water MS4 Permit (2013).</p> |  |
| <ul style="list-style-type: none"> <li>✓ Storm water monitoring</li> <li>✓ Monitoring procedure/protocols</li> <li>✓ Analytic methods</li> <li>✓ Data collection/interpretation/tabulation</li> <li>✓ Calculations/conversions</li> <li>✓ Visual/instrument observations recording/field/hand instrument/data capture</li> </ul>   | <ul style="list-style-type: none"> <li>✓ Database schema</li> <li>✓ Municipal Storm Water Permit</li> <li>✓ TMDLs</li> <li>✓ Monitoring Systems</li> <li>✓ Reporting Systems</li> </ul>  |
| <p><b>Famosa Slough Eutrophication TMDL Monitoring, City of San Diego.</b> WESTON implemented multi-phase monitoring study under Investigation Order No. R9-2006-0076. Data was used in eutrophication TMDL for Famosa Slough. Conducted monitoring required to assess water quality impairments in the slough to parameterize, calibrate and verify watershed and lagoon models. Coordinated four dry weather monitoring events as well as continuous water quality parameter monitoring.</p>   |  |
| <ul style="list-style-type: none"> <li>✓ Storm water monitoring</li> <li>✓ Monitoring procedure/protocols</li> <li>✓ Analytic methods</li> <li>✓ Data collection/interpretation/tabulation</li> <li>✓ Calculations/conversions</li> <li>✓ Visual/instrument observations recording/field/hand instrument/data capture</li> </ul>   | <ul style="list-style-type: none"> <li>✓ Database schema</li> <li>✓ Municipal Storm Water Permit</li> <li>✓ TMDLs</li> <li>✓ Monitoring Systems</li> <li>✓ Reporting Systems</li> </ul>  |



**Project Experience Demonstrating Required Subject Matter Expertise and Relevant Scope of Services**

**Tecolote Watershed TMDL Monitoring, Source Characterization Study and Integrated TMDL Implementation Plan, City of San Diego.** WESTON completed proactive TMDL water quality monitoring at Tecolote Watershed—which is §303(d) listed for nutrients, metals, and bacteria—to support comments made to the Regional Board on the Bacteria TMDL. Studies have identified priority loading sources and included recommendations for pollutant loading reduction. The bacteria source studies have provided data that support the development of a framework for the Bacteria Reduction Plan that takes an integrated multi-pollutant approach to BMP implementation.

- ✓ Storm water monitoring
- ✓ Monitoring procedure/protocols
- ✓ Analytic methods
- ✓ Data collection/interpretation/tabulation
- ✓ Calculations/conversions
- ✓ Visual/instrument observations recording/field/hand instrument/data capture
- ✓ Database schema
- ✓ Municipal Storm Water Permit
- ✓ TMDLs
- ✓ Regional Board Directives
- ✓ Monitoring Systems
- ✓ Reporting Systems

**San Diego River Bacteria Source Studies and Framework for the TMDL Implementation Plan, City of San Diego.** In anticipation of the Bacteria TMDL and to address permit compliance, WESTON worked with the City and other designated dischargers in the San Diego River Watershed to conduct bacteria source identification studies for wet and dry weather conditions. Designed studies to identify specific sources/activities with highest bacteria loadings/concentrations to develop source control measures as part of the TMDL implementation planning. Wet weather studies focused on identifying correlations between specific land uses and bacteria loading in storm water flows in the MS4 and receiving water.

- ✓ Storm water monitoring
- ✓ Monitoring procedure/protocols
- ✓ Analytic methods
- ✓ Data collection/interpretation/tabulation
- ✓ Calculations/conversions
- ✓ Visual/instrument observations recording/field/hand instrument/data capture
- ✓ Database schema
- ✓ Municipal Storm Water Permit
- ✓ TMDLs
- ✓ Monitoring Systems
- ✓ Reporting Systems

**Sustainable Canyons Project, City of San Diego.** WESTON introduced the Sustainable Canyons concept as part of the City's 5-year Strategic Plan for Watershed Activity Implementation. Worked with the City in developing the plan that identified the limited availability of land on the developed mesas for water quality treatment to meet regulatory driven pollutant reduction goals. Program yielded additional benefits to the City including enhanced habitat, aesthetic improvement, enhanced open space improvement for urban recreation, and reduced downstream maintenance costs.

- ✓ Storm water monitoring
- ✓ Monitoring procedure/protocols
- ✓ Analytic methods
- ✓ Data collection/interpretation/tabulation
- ✓ Calculations/conversions
- ✓ Visual/instrument observations recording/field/hand instrument/data capture
- ✓ Database schema
- ✓ Municipal Storm Water Permit
- ✓ TMDLs
- ✓ Monitoring Systems
- ✓ Reporting Systems

**La Jolla ASBS Storm Water Management Plan Project Inventories and Geodatabase, City of San Diego.** WESTON completed special studies to complete the ASBS Watershed Management Plan and numerous structural and non-structural BMP engineering designs. Used an integrated multibenefit watershed approach to develop concept designs and final designs of structural BMPs including low impact development techniques such as porous pavement, bioretention areas and underground infiltration vaults. Completed over 30 BMP Designs. Successful in obtaining over \$5M in grant funding for BMP implementation.

- ✓ Storm water monitoring
- ✓ Monitoring procedure/protocols
- ✓ Analytic methods
- ✓ Data collection/interpretation/tabulation
- ✓ Calculations/conversions
- ✓ Visual/instrument observations recording/field/hand instrument/data capture
- ✓ Database schema
- ✓ Municipal Storm Water Permit
- ✓ TMDLs
- ✓ Monitoring Systems
- ✓ Reporting Systems



**Project Experience Demonstrating Required Subject Matter Expertise and Relevant Scope of Services**

**Aerial Deposition Project, City of San Diego.** WESTON completed a 3-phased aerial deposition study of metals. Assessed and linked water quality runoff contributions and identified potential and likely sources using a combination of detailed field and GIS desktop evaluations of aerial photographs of the Chollas watershed. Recommendations were provided to City staff and the Regional Board and provided supporting data for SB346.

- ✓ Monitoring procedure and protocols
- ✓ Analytic methods
- ✓ Data collection/interpretation/tabulation
- ✓ Calculations/conversions
- ✓ Visual/instrument observations recording/field/hand instrument/data capture
- ✓ Database schema
- ✓ Water Quality Improvement Plans
- ✓ Regional Board Directives
- ✓ Monitoring Systems
- ✓ Reporting Systems

**Integrated and Relational Data Management System for Industrial/Commercial and BMP Inspection, City of San Diego.** As a subcontractor, WESTON has been developing this web-based database system that will support daily staff and management decisions and annual reporting for the industrial and commercial facility and treatment BMP inspection programs. Worked with the City and prime contractor to define the design requirements for both of these database systems. WESTON has created an SQL Server 2012 database from the MS Access database provided by the prime contractor, created web based data editing forms, SQL-based data queries and reports. System upgrades are planned for the second year system maintenance effort that will accommodate new permit requirements or program enhancements.

- ✓ Data collection/interpretation/tabulation
- ✓ Database schema
- ✓ Municipal Storm Water Permit
- ✓ Monitoring Systems
- ✓ Reporting Systems
- ✓ Initial System Analysis and Functionality

**Natural Treatment System Wetland Performance Tracking Plan (WeTraq) Monitoring Plan Phase I and II, Irvine CA, Irvine Ranch Water District.** WESTON developed a database and system design. Performed statistical sampling design, sample size, and action level development for this plan to track the operational efficiencies, performance, and ecological risk of implementing a watershed-wide constructed wetlands program for San Diego Creek and Newport Bay. Worked with the client to develop a wetland performance tracking system for 31 new or proposed NTSS.

- ✓ Monitoring procedure/protocols
- ✓ Analytic methods
- ✓ Data collection/interpretation/tabulation
- ✓ Calculations/conversions
- ✓ Visual/instrument observations recording/field/hand instrument/data capture
- ✓ Database schema
- ✓ Regional Board Directives
- ✓ Initial System Analysis and Functionality

**Storm Water Pollution Prevention (SWPP) Inspection Website Development, State of Illinois.** WESTON created a SWPP inspection website for the state of Illinois DOT for about 450 users. Developed requirements, conducted training and completed all required documentation.

- ✓ Analytic methods
- ✓ Data collection/interpretation/tabulation
- ✓ Calculations/conversions
- ✓ Visual/instrument observations recording/field/hand instrument/data capture
- ✓ Database schema
- ✓ Initial System Analysis and Functionality

**Hydromodification Plan Monitoring (HMP) and Modeling Assessment, County of San Diego, CA, City of San Diego.** ESA has provided modeling and fluvial sediment transport expertise in the development of HMP for the San Diego County Copermittees to comply with the requirements of the NPDES Permit. ESA is providing hydromodification and sediment transport data assessment expertise to the County and Copermittees through the monitoring and assessment of the HMP. ESA is working with WESTON who are conducting the monitoring to verify the basis and approach used in the HMP. This includes measuring bed load modification under different flow and stream conditions. This project demonstrates the Team's working knowledge of the local environment and MS4 Storm Water Permit requirements. Demonstrates ESA's understanding of the data needs and assessments to support the City's Permit programs.

- ✓ Storm water monitoring
- ✓ Monitoring procedure/protocols
- ✓ Analytic methods
- ✓ Data collection/interpretation/tabulation
- ✓ Database schema
- ✓ Municipal Storm Water Permit
- ✓ TMDL's
- ✓ Regional Board Directives



**Project Experience Demonstrating Required Subject Matter Expertise and Relevant Scope of Services**

- ✓ Calculations/conversions
- ✓ Visual/instrument observations recording/field/hand instrument/data capture
- ✓ Monitoring System
- ✓ Reporting System

**JURMP Annual Reporting, City of San Diego.** MOE has coordinated with a variety of City Departments to collect the correct data and information necessary to report the activities of the City's programmatic efforts on an annual basis. Since 2007, MOE has worked with City staff to make improvements to the internal reporting processes to streamline the complex reporting system. The annual reporting process includes an integrated effectiveness assessment approach that utilizes programmatic information and data to support derived outcomes from the City's program implementation. This project gives MOE unique insight into the City's data management and reporting processes. MOE understands how the collected data is to be used for assessing program effectiveness on both jurisdictional and watershed scales.

- ✓ Storm water monitoring
- ✓ Monitoring procedure/protocols
- ✓ Analytic methods
- ✓ Data collection/interpretation/tabulation
- ✓ Calculations/conversions
- ✓ Visual/instrument observations recording/field/hand instrument/data capture
- ✓ Database schema
- ✓ Municipal Storm Water Permit
- ✓ Reporting System
- ✓ Initial System Analysis and Functionality
- ✓ SWDMS Enhancements

**Mock Water Quality Improvement Plan Development Workshops, City of San Diego.** The San Diego RWQCB began the public process for reissuing the San Diego Region MS4 Permit in April 2012 by releasing an Administrative Draft of the permit. The proposed permit had two features that had not been included in previous iterations of the permit. To explore unknowns associated with the WQIPs and new permit, MOE assisted the Los Peñasquitos Watershed Copermittees in developing a series of workshops with regulators and stakeholders to go through a mock exercise of developing a WQIP. The intent of the mock exercise was to present realistic scenarios and findings from the planning process to openly discuss with the regulators and stakeholders.

- ✓ Monitoring procedure/protocols
- ✓ Analytic methods
- ✓ Data collection/interpretation/tabulation
- ✓ Calculations/conversions
- ✓ Visual/instrument observations recording/field/hand instrument/laboratory data capture
- ✓ Water Quality Improvement Plans

**City of San Diego Workflow Data Management Optimization, City of San Diego.** URS provided business process work flow evaluation, data management, and support to the City Storm Water Division staff to optimize data management related to the implementation and reporting requirements of the California RWQCB San Diego Region, MS4 Permit and performance measures in the Department strategic and tactical plans. This experience is a direct benefit to the City in cost-efficient integration of the SWDMS with tangible business needs.

- ✓ Analytic methods
- ✓ Data collection/interpretation/tabulation
- ✓ Calculations/conversions
- ✓ Visual/instrument observations recording/field/hand instrument/data capture
- ✓ Database schema
- ✓ Municipal Storm water Permit
- ✓ Monitoring System
- ✓ Reporting System

**Operation and Maintenance Division Permitting and Implementation Support, City of San Diego.** URS is currently providing support services related to implementation of channel maintenance activities related to the Master Storm Water System Maintenance Program (Master Maintenance Program). Support services include: project permitting and regulatory submittal support, regulatory permit processing and agency coordination, hydrology and hydraulic analysis, water quality, biological, cultural, noise monitoring activities, and general data management, strategic and programmatic support. Integrating URS subject matter expert knowledge of this program with the development of SWDMS will lead to long-term reporting efficiency and data utility for the City.

- ✓ Storm water monitoring
- ✓ Monitoring procedure/protocols
- ✓ Analytic methods
- ✓ Data collection/interpretation/tabulation
- ✓ Calculations/conversions
- ✓ Visual/instrument observations recording/field/hand instrument/data capture
- ✓ Master Maintenance Permit
- ✓ Regional Board Directives
- ✓ Monitoring System
- ✓ Reporting System
- ✓ Database schema



**Project Experience Demonstrating Required Subject Matter Expertise and Relevant Scope of Services**

**URMP Data Management Optimization FY10-13, City of San Diego.** Over a 4-year period, URS has provided support to the Division's Inspection and Enforcement section to more effectively manage industrial and commercial inspection data in SAP. Developed standard field and data protocols, data interpretation, customized data processing improvements to enhance City staff productivity, eliminate processing delays, and eliminate several years of backlogged case files to improve enforceability of water quality violations, and provide guidance and staff training to improve overall process efficiency. The URS teams' experience with SAP functionality and the City's storm water-related data archived in SAP will allow improved decision-making and long-term storm water management cost savings for the City.

- ✓ Storm water monitoring
- ✓ Monitoring procedure/protocols
- ✓ Analytic methods
- ✓ Data collection/interpretation/tabulation
- ✓ Calculations/conversions
- ✓ Visual/instrument observations recording/field/hand instrument/data capture
- ✓ Database schema
- ✓ Municipal Storm water Permit
- ✓ Regional Board Directives
- ✓ Monitoring System
- ✓ Reporting System
- ✓ Initial System Analysis and Functionality
- ✓ SWDMS Enhancements

**IPR Quarterly, City of San Diego.** LDC Performed data review of quarterly samples for various drinking water analyses.

- ✓ Analytic Methods
- ✓ Data collection/interpretation/tabulation
- ✓ Calculations/conversions
- ✓ Reporting System

**North City Water Reclamation Plant.** LDC conducted data review of samples for various drinking water analyses

- ✓ Analytic Methods
- ✓ Data collection/interpretation/tabulation
- ✓ Calculations/conversions
- ✓ Reporting System

**Caltrans, Various Sites.** LDC performed data review of samples for various environmental contaminant methods

- ✓ Analytic Methods
- ✓ Data collection/interpretation/tabulation
- ✓ Calculations/conversions
- ✓ Reporting System

**4 Proposed Method to Accomplish the Work**

The WESTON Team's approach to the City's Storm Water Monitoring and Reporting Management Services Contract is based upon our collective, in-depth understanding of the City's needs in meeting changing requirements related to storm water monitoring, reporting, and related compliance issues. We have first-hand knowledge and understanding of the City environment, including its resources, stakeholders, and regulations. We will leverage our programmatic expertise and build upon our past successful SWDMS development effort to provide recommendations for system enhancements. These will be highly knowledge-based and comprehensive in approach regarding the database content, structure, and interface.

Our technical experts in data collection, analytical methods, data quality, and reporting

will be involved in outlining the specific details of the system enhancement requirements. This will include: additional data fields and tables, conversions and calculations, metadata, query tools, as well as additional mapping and reporting functionality. This information will be used in a business need analysis and a development of a Business Requirements document.

We will maintain the existing functionality of the SWDMS, while expanding its capability to fully integrate data and reporting required under the new MS4 Permit, Master Maintenance Permit, TMDLs, and Regional Board Directives. We envision that the system will provide a warehouse for the data necessary for WQIP reporting. Our team's extensive understanding of the overall Storm Water program enables us to develop practical assessment metrics to identify and report successes to demonstrate compliance under the new MS4 permit. We will use this

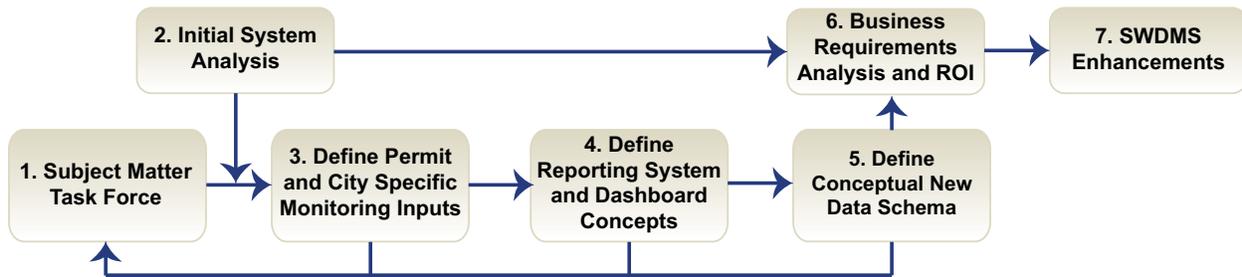


knowledge gained through the development of the SQL Server version of the Commercial/Industrial and Treatment BMP Inspections databases to work towards the integration of this information with water quality data. This will allow the City to prioritize and assess watershed-focused activities towards addressing near-term and future challenges under the new MS4 permit, TMDLs and new §303d listings.

#### 4.1 Technical and Management Approach

The following technical and management approach provides a streamlined and iterative development process through the interaction of the Transportation and Storm Water Department and the WESTON Team’s Subject Matter Task Force and data experts working in coordination. **Figure 4-1** graphically displays our approach – a technical progression from left to right which connects back to the Subject Matter Task Force for confirmation of enhancement outputs.

**Figure 4-1 Technical Approach Ensures High Quality Compliant Outputs**



The **Subject Matter Task Force (1)** is the team of experts who will leverage their collective knowledge of the City’s regulatory compliance programs and permits, and work with the City to define monitoring inputs and reporting needs for enhancement of the existing SWDMS. The team is comprised of permit/regulatory leaders with expertise in the Municipal Storm Water Permit, Master Maintenance Permit, WQIPs, TMDLs, and Region Board Directives. The team’s first-hand knowledge of the requirements will ensure that the correct data are stored with the foresight to ensure the data will be queryable and the reporting outputs will meet the needs of the City.

The first step in the process of SWDMS enhancement is documentation of the existing City data management and databases. The WESTON Team will conduct an **initial system analysis and functionality**

**requirements (2)**. This task will include documentation of the current SWDMS, including the functionality, work flow, processes and databases. WESTON will obtain feedback from the City and assess potential enhancement to automated field collection and field data access devices. The impacts of the newly adopted San Diego Municipal Storm Water Permit (MS4 Permit) will be documented in a memo prepared by the WESTON Team. This memo will include a summary of the processes, functionality components of the existing database and work process that will require enhancement based on the new MS4 Permit. The business requirements and ROI will be conducted for these enhancement recommendations.

Concurrent with the initial system analysis, the WESTON Team will work with the City to **define the monitoring data inputs and reporting needs (3)**. Brainstorming sessions



with the City will be conducted to identify design improvements such reporting dashboards, mapping interface, data integration abilities, data validation, and data loading tools. Enhancements of field data collection tools and devices can provide real time data to field staff and managers. Obtaining real time data can provide a powerful tool to City staff during planning, assessing, and monitoring WQIP efforts. Automated data validation checking tools will be useful to load and store EDDs from analytical laboratories. A validation checker will ensure that the data quality objectives of the program have been met.

Regulatory requirements, which will be assessed for the MS4 Permit, will drive many of the data storage and reporting needs, such as number of inspections performed, follow-up actions, location and type of BMPs, analytical data reports, station locations, flow and biological data.

Reporting needs will be defined by the regulatory reporting requirements and the end users. The City's input on the type of reports that are useful will be critical to this step. Several different types of users are envisioned. For example a "heavy" data user who needs to query or map data; a Project Manager who needs summaries of information; Senior Managers who need periodic and high level updates; or City contractors who may provide data entry and need data query or mapping tools to better serve the City. Data entry or modification will be limited to designated City managers and staff as instructed by the City.

Based on the data collection and reporting needs of the City's end users, conceptual data collection, **reporting systems, and dashboards will be developed (4)**. The Subject Matter Task Force will work with the City through a series of meetings to discuss and finalize the conceptual designs and ensure that the City's needs are met. The WESTON Team will work with the City to develop reporting tools that will meet the new

compliance reporting requirements, discussing assessment needs and providing recommendations for development of an assessment tool to help prioritize and assess the effectiveness monitoring programs.

The reporting and data collection tools will **define the database schema (5)**, and the WESTON database experts will work with the City's Application/Service provider to recommend enhancements to the SWDMS. Enhancement recommendations will include additional monitoring data parameters as well as the conceptual schema necessary to house and report the data.

All recommended enhancements will include development of **business requirements (6)**, as well as a ROI analysis. WESTON will conduct a cost benefit analysis to establish the existing system's baseline costs for support, maintenance and projected upgrades and any projected savings from enhancements to the system, improvements in reporting compliance and increased efficiency of resource utilization. WESTON will identify any alternative systems or solutions and establish the same baseline cost estimates for comparison as well as the additional overhead to potentially migrate/convert to those alternatives. This step will help justify the recommended changes, as well as ensure that the functionality of the SWDMS continues to meet the City's needs.

Finally, the **SWDMS enhancements (7)** will be completed, along with systems testing to assure that the data storage, reporting programs, and requirements of the system meet the needs of the City.

#### 4.1.1 Quality

WESTON is committed to constantly improving the quality of our services and deliverables to the City, and is enhancing our QA/QC process for all City projects. We recognize that one of the most important elements to a successful project is the assurance of quality at all levels, and as



Project Manager, David Renfrew will serve as the client liaison, communicating the needs of the client to the project team, while also providing only the highest-quality deliverables to the City. Mr. Renfrew will take full responsibility for the quality of each deliverable. He will work closely with our Technical Advisor, Dr. David Pohl; QA Manager, Andrea Crumpacker and Principal-in-Charge, Lisa Kay, to ensure the highest quality of work.

Instilling quality in all our projects is a multifaceted and continuous process. The WESTON Team recognizes that QA begins with performing assigned projects in accordance with applicable City requirements in a planned, organized, and efficient manner. Under the direction of our QA Manager, Andrea Crumpacker, WESTON will routinely perform quality performance reviews of assigned projects using our formal project management approach designed to support the following quality objectives (**Table 4-1**).

**Table 4-1 Quality Objectives and Benefits**

| Objective  | Benefit   |
|--|---|
| Plan work accurately, according to scope.  | Allows Project Manager to analyze approach/project issues.  |
| Meet client's objectives and WESTON and industry standards.  | Generates team work and collaboration.  |
| Properly assign tasks to qualified individuals who can share expertise within the company and team.                        | Allows for delegation of staff and responsibilities so that every employee has a clear and definable role.          |
| Bring added value approaches to the client's core business objectives.   | Challenges the project manager to draw upon others' experiences.  |
| Leverage innovative technologies.  | Enhances the quality of deliverables and minimizes the risk of client dissatisfaction and related liability issues. |
| Optimally balance experience and opportunities for junior and supporting staff, reducing project execution inefficiencies. | Independent senior manager QC oversight to identify QC deficiencies early in the project, if any.                   |

WESTON's deliverables will undergo a rigorous technical and editorial review process. Proof of review completion is documented on the first page of our QC Checklist for Authors and Reviewers. Key elements of a successful QA/QC program for the City will include client satisfaction feedback review, independent technical review, detail checking, document control, and QA audits. LDC, a certified small business teaming partner, will provide data quality and validation services in addition to the quality process described above.

**4.1.2 Safety**

WESTON's Safety & Health (S&H) organization is integrated with company operations and QA functions. This ensures safety is an integral component of WESTON's culture and core values. S&H resources receive independent Corporate S&H policy direction, training, medical monitoring, and

auditing support. Our program has evolved into a Behavior Based EHS program, with emphasis on teamwork, leadership, and working safely 100% of the time. Safety should never be compromised.

**Exceptional Safety Record**  
WESTON's EMR rate is consistently well below the industry average of 1.0 demonstrating our commitment to safety. Our current EMR is 0.48.

**4.1.3 Schedule**

WESTON is committed and has the experience necessary to provide the City with the highest level of service to deliver projects within budget and on time, every time. Mr. Renfrew and key personnel will use the following tools to maintain schedule:

- *Task Order Proposal/Kick-Off Meeting*— This provides an opportunity to define a quality pledge, deliverables schedules,



field activities and quality reviews, among other milestones.

- *Scheduling Software*—WESTON will use Microsoft Project software for planning and scheduling and determining required critical path needs. The Project Manager will prepare schedule projections for the project to allow assessment of overall progress. The schedule will include major milestones and identify key steps to involve key personnel. Our Project Manager will use WESTON’s suite of proven project management systems including:
  - CostTrack, our financial management system
  - SubTrack, our database for review and approval of all subcontractors
  - EquipTrack, our online equipment and vendor services store
  - Project Lifecycle (PLC) monthly project review process

These tools provide the structure and support to implement QA/QC on all of our projects regardless of size and complexity.

- *Conferencing and Data Sharing*—Along with WebEx internet conferencing, WESTON’s intranet collaboration tool, TeamLink<sup>®</sup>, will provide real-time access to information and data. An advantage of TeamLink<sup>®</sup> is the collaboration it allows regardless of location.
- *Status Meetings/Quarterly Updates*—WESTON will hold monthly project status meetings with all task leaders to discuss project status, including schedule, budget, and quality issues. These will be led by Mr. Renfrew and form the basis for the monthly task order updates and quarterly progress reports to the City.
- *Status Meetings and Quarterly Status Reports*—Mr. Renfrew will meet with the City’s Project Manager, on a regular basis to discuss status, milestones, strategy, and budgets. Summary reports will be

provided to the City on the budget status of each task order, as well as a quarterly report on status of the schedule, percent complete and anticipated work in the next quarter.

## 5 Knowledge and Understanding of Local Environment

The WESTON Team has recent and relevant experience working in the local “environment”. We have been providing the City with storm water data management services since 2000. **Table 5-1** displays our team’s subject matter experience with the local environment. The WESTON Team’s experience brings an unmatched understanding of all aspects of the San Diego environment, including the physical, regulatory, and political environment.

### 5.1 Proposed Local Presence

WESTON, as the Prime Contractor, will be the primary interface with the City’s project management staff. Our Project Manager, David Renfrew, Assistant Project Manager, Sheri Dister, and our Principal-in-Charge, Lisa Kay, V.P., reside in our local Carlsbad office. Our team’s local presence includes:

| Team Member | Office Location | No. of Staff |
|-------------|-----------------|--------------|
| WESTON      | Carlsbad, CA    | 38           |
| ESA         | San Diego, CA   | 26           |
| URS         | San Diego, CA   | 200          |
| MOE         | San Diego, CA   | 5            |
| LDC         | Carlsbad, CA    | 48           |

### 5.2 City and other Local Agencies Regulations and Policies

The WESTON Team brings over 30 years of project experience with the City as well as local, state, and federal agencies regarding water quality, watershed and habitat protection regulations and policies. Members of our Team have performed project work in all of the City’s watersheds. Our Team’s experience with the City and other local agencies includes work on a wide range of projects.



This range of experience requires a thorough understanding of regulations administered by the RWQCB (municipal storm water permits, TMDLs, cleanup and abatement orders, and project-specific 401 certification); the CA Fish and Game Commission; the USACE (Clean Water Act (CWA) Section 404 individual permits and nationwide permits, mitigation procedures, etc.); and the USFWS (endangered species consultation). It requires an equally thorough understanding of City regulations (Environmentally Sensitive Lands ordinance, site development permit requirements, CEQA guidelines, biology guidelines, Storm Water Standards Manual, and urban runoff management plans).

**Table 5-1 Experience with the Local Environment**

| Team Member               | City and Other Local Agencies Regulations and Policies | Local Environmental Documentation Requirements | Geotechnical Documentation Requirements/Conditions | Local Codes/Local Criteria |
|---------------------------|--|--|--|----------------------------|
| David Renfrew, CPSWQ, QSD | X  | X  | X  | X                          |
| Lisa Kay, V.P.            | X  | X  |  | X                          |
| Sheri Dister              | X  | X  | X  | X                          |
| Andrea Crumpacker         | X  | X  | X  | X                          |
| David Pohl, Ph.D., P.E.   | X  | X  | X  | X                          |
| Mike Yesconis             |  |  |  |                            |
| Chris Schultz             |  |  |  |                            |
| Sofia McPherson           |  |  |  | X                          |
| Chris Crowley             |  |  |  |                            |
| Eric Souza, PMP           |  |  |  |                            |
| Garth Engelhorn           |  | X  | X  |                            |
| Sara Huber, P.E., QSD     | X  |  | X  |                            |
| Bryn Evans, CPSWQ         | X  | X  | X  | X                          |
| Mikhail Ogawa, P.E.       | X  | X  |  | X                          |
| Satomi Yonemasu           |  | X  |  | X                          |
| Kelly Barker              | X  | X  |  | X                          |
| Rich Amano                |  | X  |  |                            |
| Heather Lamberson, P.E.   | X  | X  | X  | X                          |

We understand these regulations individually as well as the relationships between them and our team leaders have excellent working relationships with regulators/stakeholders. We have a working knowledge of the current regulatory drivers and the water quality, sediment transport and hydromodification data generated by the City’s Special Projects that support the City’s TMDLs and anticipated WQIP required under the reissued Permit.

**5.3 Local Environmental Documentation Requirements**

ESA will lead environmental documentation tasks and coordination of preparing technical studies in support of environmental documents. Their planning staff brings extensive familiarity with both the CEQA and NEPA process and is intimately familiar with the City’s environmental review process, Development Services Department staff and organization, document templates, technical studies requirements, significance criteria, standard mitigation measures, and the role of the Mitigation Monitoring and Coordination section in the environmental process.

**5.4 Geotechnical Documentation and Conditions**

The WESTON Team is very familiar with the local geotechnical issues within the City’s watersheds. We are well-versed in the required documentation to support steps forward and implement recommendations. Our experience includes compiling soil survey maps and obtaining site-specific geotechnical data to identify potential sites for low impact development (LID) projects. This work as conducted as part of the City’s Strategic Plan and Concept Designs for prioritized CIP to meet both NPDES Permit and TMDL requirements in all six watersheds that the City has jurisdiction.

We have conducted geotechnical investigations including *in-situ* percolation testing and collection and analysis of soil samples to determine the suitability of the



soils for infiltration. We obtained available geotechnical data from nearby properties to supplement the site-specific field and analytical data. We obtained data from Environmental Services on impacted soils and groundwater at City properties. We obtained geotechnical data on soil susceptibility to erosion in several watersheds within the City's jurisdiction. We understand the need to include these geotechnical data and additional data that have been collected by others in the City's database. We will work with the City to determine how best to include these data and the query and mapping tools that can facilitate the use of these data for the WQIP and TMDL implementation.

### **5.5 Local Codes and Criteria**

The WESTON Team has working knowledge of the local engineering and regulatory environment and wide-ranging experience working with various stakeholders within the local government. This experience ensures familiarity with street and utility design

standards, building codes as related to American Disability Act compliance, accessibility and work within setbacks, land ownership, and easement, right-of-way, and title issues. We have extensive experience with the biology of the region and understand threatened/endangered species may be present and may require additional precautions.

WESTON Team leaders continue to demonstrate institutional knowledge and understanding of internal goals, responsibilities and relationships of the City's Departments and possess unique abilities to formulate local policies and guidelines relevant to the City's Storm Water Department mission. With over 30 years of experience collecting air, water, and sediment samples throughout Southern California, the results of WESTON's multimedia studies have supported the Policy Development and Monitoring Section's core role in interpreting and negotiating new storm water regulations and legislation that affect the City.

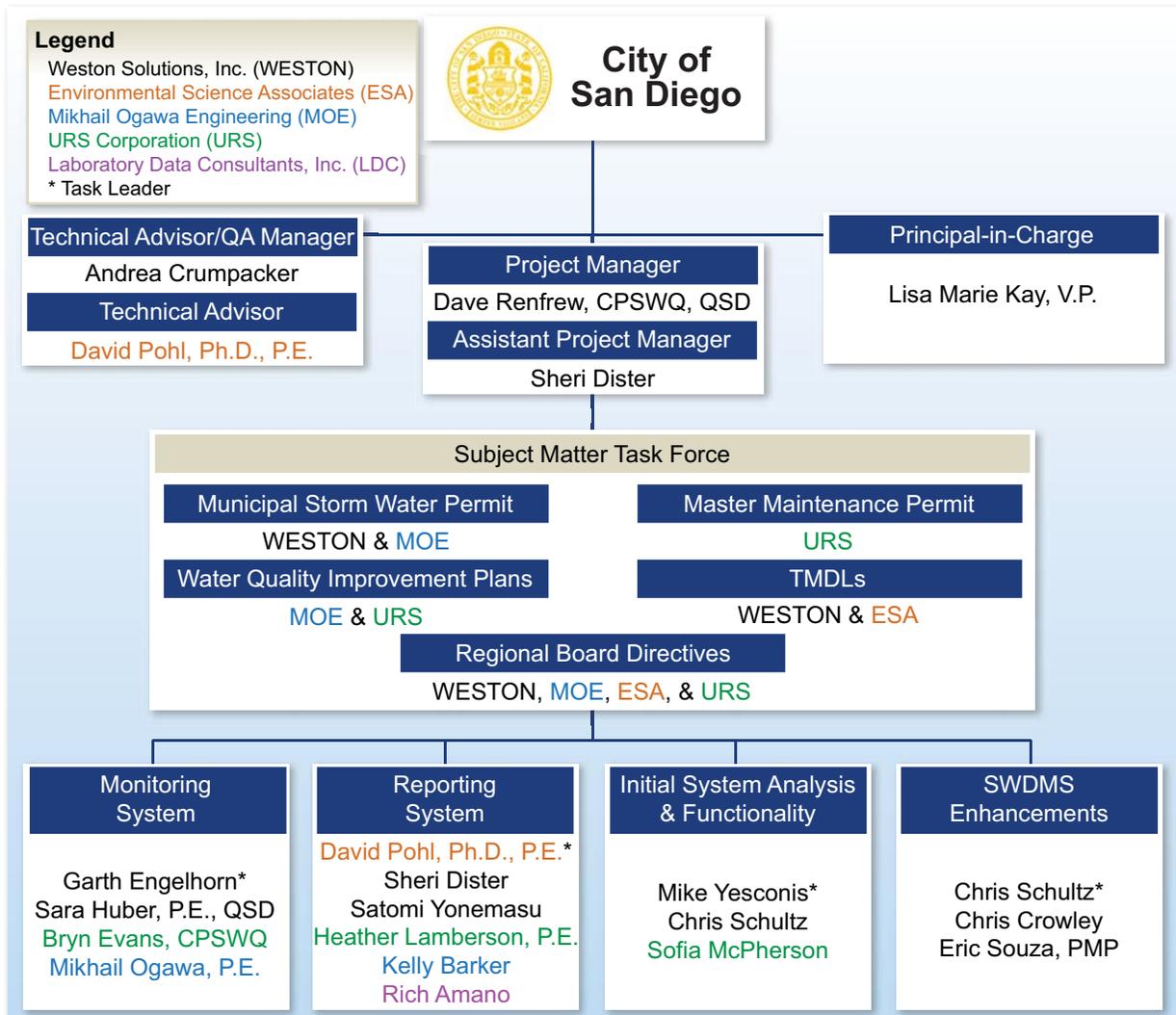


## 6 Project Organization and Key Personnel

The WESTON Team is comprised of highly qualified technical experts with recent and relevant experience working with the City’s Storm Water and Transportation Department. Our team is extremely familiar with the City’s Storm Water Monitoring and Reporting needs and ready to continue to provide solutions to meet those needs. **Figure 6-1** below demonstrates our organization structure covering the full scope of services.

**Efficient and Knowledgeable Staff.**  
“I would like to bring to your attention the outstanding customer service provided by...David Pohl and Lisa Kay. The City recently received a report of findings...your staff promptly and efficiently initiated the task...in response to the California Department of Finance. Again, I want to take this time to extend my appreciation for your staff’s outstanding customer service.”  
-Ruth Kolb, City of San Diego

**Figure 6-1 WESTON Team Organizational Structure Provides Technical Expertise for the Complete Scope of Services**





## 6.1 Key Personnel Responsibilities

Table 6-1 presents a brief description of our team's key personnel roles and responsibilities

and areas of expertise. Resumes for our key management and technical staff are included following this section.

**Table 6-1 Key Personnel Responsibilities Cover Full Scope of Services**

| Name/Role  | Storm Water Monitoring | Monitoring Procedures/Protocols | Analytic Methods | Data Collection/Interpretation | Calculations/Conversions | Visual & Instrument Observations Recording, Field, Hand Instrument & Laboratory Data Capture | Database schema | Extent of Commitment |
|--|------------------------|---------------------------------|------------------|--------------------------------|--------------------------|--|-----------------|----------------------|
| <b>Dave Renfrew, CPSWQ, QSD, Project Manager</b>   | X                      | X                               | X                | X                              | X                        | X  | X               | 50%                  |
| <i>Responsibilities:</i> Overall responsibility for project management and coordination of the project including safety, quality, scheduling, reporting, staffing, subcontractor management, and contract execution. ▪ Primary POC with the City for issues, requests, and concerns.   |                        |                                 |                  |                                |                          |  |                 |                      |
| <b>Lisa Kay, V.P, Principal-in-Charge</b>  | X                      | X                               | X                | X                              | X                        | X  | X               | 15%                  |
| <i>Responsibilities:</i> Ensure resource commitment and quality. ▪ Provide technical oversight.  |                        |                                 |                  |                                |                          |  |                 |                      |
| <b>Sheri Dister, Assistant Project Manager and Reporting System Support</b>  | X                      | X                               | X                | X                              | X                        | X  | X               | 30%                  |
| <i>Responsibilities:</i> Assist Project Manager as-needed with safety, quality, scheduling, reporting, and staffing. ▪ Subcontractor management and contract execution. ▪ Lead coordination between Permit Leads and Technical Staff. ▪ Lead development of recommendations to the City regarding ESRI ArcGIS® toolbar Participate in development of reporting enhancements.   |                        |                                 |                  |                                |                          |  |                 |                      |
| <b>Andrea Crumpacker, Quality Assurance Manager</b>  | X                      | X                               | X                | X                              | X                        | X  | X               | 20%                  |
| <i>Responsibilities:</i> Provide technical reviews. ▪ Review and provide QA of technical approach and deliverables. ▪ Review new and existing storm water permit and regulations that affect the City including TMDLs, Municipal Storm Water Permit, and Regional Board Directives.  |                        |                                 |                  |                                |                          |  |                 |                      |
| <b>David Pohl, Ph.D., P.E, Technical Advisor and Reporting System Lead</b>   | X                      | X                               | X                | X                              | X                        | X  | X               | 25%                  |
| <i>Responsibilities:</i> Review and provide QA of technical approach and deliverables. ▪ Provide as-needed support in preparation of recommendations. ▪ Participate in team meetings with City staff regarding reporting needs.  |                        |                                 |                  |                                |                          |  |                 |                      |
| <b>Mike Yesconis, Initial System Analysis and Functionality Lead</b>   |                        |                                 |                  | X                              |                          |  | X               | 25%                  |
| <i>Responsibilities:</i> Outline the current functionality, workflow, processes, and databases of the existing SWDMS. Work with the team to gather City input on existing SWDMS use. ▪ Lead the preparation of a Monitoring System and Process Enhancement Technical Memorandum summarizing processes, functionality components of the existing databases and work processes in the current system that will require enhancement to meet the requirements of the permit based on input from Team Subject Matter experts. ▪ Assist the team to present a detailed Business Requirements document to the City's Applications/Solutions contractor. |                        |                                 |                  |                                |                          |  |                 |                      |
| <b>Chris Shultz, SWDMS Enhancements Lead and Initial System Analysis and Functionality Support</b>   |                        |                                 | X                | X                              | X                        |  | X               | 40%                  |
| <i>Responsibilities:</i> Work with the team and the City to document the SWDMS outlining the current functionality, workflow, processes, and database used by the City. ▪ Ensure team understands all aspects of the SWDMS, work processes, data protocols, and laboratory data deliverable. ▪ Work with team to understand the impacts of the latest Municipal Storm Water permit. ▪ Study and make recommendations for enhancements. ▪ Coordinate and support the City's Application/Solutions   |                        |                                 |                  |                                |                          |  |                 |                      |



| Name/Role  | Storm Water Monitoring | Monitoring Procedures/Protocols | Analytic Methods | Data Collection/Interpretation | Calculations/Conversions | Visual & Instrument Observations Recording, Field, Hand Instrument & Laboratory Data Capture | Database schema | Extent of Commitment |
|--|------------------------|---------------------------------|------------------|--------------------------------|--------------------------|--|-----------------|----------------------|
| Provider to develop, implement, and document all changes as well as update user manuals and process documentation.   |                        |                                 |                  |                                |                          |  |                 |                      |
| <b>Sofia McPherson, Initial System Analysis and Functionality Support</b>  | X                      | X                               |                  | X                              | X                        | X  | X               | 15%                  |
| <i>Responsibilities:</i> Assist team to work with the City to document the SWDMS outlining the current functionality, workflow, processes, and databases used by the City. ▪ Assist in preparation of a Monitoring System and Process Enhancement Technical Memorandum.                            |                        |                                 |                  |                                |                          |  |                 |                      |
| <b>Chris Crowley, SWDMS Enhancements Support</b>   |                        |                                 | X                | X                              | X                        |  | X               | 20%                  |
| <i>Responsibilities:</i> Support the preparation of a Monitoring System and Process Enhancement Technical Memorandum. ▪ Coordinate and support the City's Application/Solutions Provider to develop, implement, and document all changes as well as update user manuals and process documentation. |                        |                                 |                  |                                |                          |  |                 |                      |
| <b>Eric Souza, PMP, SWDMS Enhancements Support</b>   |                        |                                 |                  | X                              | X                        |  | X               | 20%                  |
| <i>Responsibilities:</i> Assist with business need analysis. ▪ Prepare System Requirements documentation as-required.  |                        |                                 |                  |                                |                          |  |                 |                      |
| <b>Garth Engelhorn, Monitoring System Lead</b>   | X                      | X                               | X                | X                              | X                        | X  | X               | 25%                  |
| <i>Responsibilities:</i> Technical Lead regarding storm water monitoring procedures and protocols, and data capture. ▪ Participate in development of recommendations for monitoring system enhancements.   |                        |                                 |                  |                                |                          |  |                 |                      |
| <b>Sara Huber, P.E., QSD, Monitoring System Support</b>  | X                      | X                               | X                | X                              | X                        | X  |                 | 20%                  |
| <i>Responsibilities:</i> Assist with storm water monitoring data considerations - calculations and conversions, and data capture.  |                        |                                 |                  |                                |                          |  |                 |                      |
| <b>Bryn Evans, Monitoring System Support</b>   | X                      | X                               | X                | X                              |                          |  |                 | 15%                  |
| <i>Responsibilities:</i> Lead the review of the Master Maintenance Permit, determine affects to the City, and communicate with team to develop recommendations. ▪ Assist with monitoring and reporting functionality related to Regional Board Directives.   |                        |                                 |                  |                                |                          |  |                 |                      |
| <b>Mikhail Ogawa, Monitoring System Support</b>  | X                      | X                               |                  | X                              | X                        | X  | X               | 25%                  |
| <i>Responsibilities:</i> Assist with the review of the Municipal Storm Water Permit and developing recommendations. ▪ Lead for recommendations regarding Water Quality Improvement Plan. ▪ Assist with reporting functionality related to Regional Board Directives.                               |                        |                                 |                  |                                |                          |  |                 |                      |
| <b>Satomi Yonemasu, Reporting System Support</b>   | X                      | X                               | X                | X                              | X                        | X  | X               | 20%                  |
| <i>Responsibilities:</i> Provide technical expertise on data management, analytical methods, calculations and conversions, and data schema. ▪ Participate in developing detailed requirements for monitoring and reporting system data.  |                        |                                 |                  |                                |                          |  |                 |                      |
| <b>Kelly Barker, Reporting System Support</b>  | X                      | X                               |                  | X                              |                          | X  |                 | 20%                  |
| <i>Responsibilities:</i> Develop in-depth understanding of requirements and outputs of the current monitoring and reporting system to assist in initial system analysis. ▪ Assist with in the preparation of Technical Memorandum outlining the Business Requirements.                             |                        |                                 |                  |                                |                          |  |                 |                      |
| <b>Rich Amano, Reporting System Support</b>  | X                      |                                 | X                | X                              | X                        |  |                 | 15%                  |
| <i>Responsibilities:</i> Perform Data Validation.  |                        |                                 |                  |                                |                          |  |                 |                      |
| <b>Heather Lamberson, P.E., Reporting System Support</b>   | X                      | X                               | X                | X                              | X                        |  |                 | 15%                  |
| <i>Responsibilities:</i> Assist with the review of the Master Maintenance Permit and developing recommendations. ▪ Assist with recommendations regarding Water Quality Improvement Plan.   |                        |                                 |                  |                                |                          |  |                 |                      |



## 6.2 Team Roles and Responsibilities

**WESTON**, as the Prime Contractor, will be the primary point of contact responsible for overall project management including project controls, subcontractor management, S&H, QA/QC, regulatory compliance, and stakeholder integration. WESTON will provide subject matter experts to address the Municipal Storm Water Permit, TMDL's, and Regional Board Directives. WESTON will also provide task leaders for all work associated with the Monitoring System, Initial System Analysis and Functionality and SWDMS Enhancements. Our team's extensive knowledge of the current database system will allow for a more efficient schedule decreasing need for initial meetings with the City.

**ESA**, as a subconsultant, will provide technical oversight and subject matter expertise in the areas of TMDLs, Regional Board Directives, and the task leader for the Reporting System.

**URS**, as a subconsultant, will provide input on implementation of the database across City departments, and help provide recommendations on input data necessary for successful completion of the database. They will support the efforts on the system requirements for the Master Maintenance Permit and Water Quality Improvement Plans.

**MOE**, a SLBE and DBE subconsultant, will support efforts to provide recommendations related to Water Quality Improvement Plans and Municipal MS4 Permit subject areas. MOE will also provide services in the areas of monitoring, reporting, system analysis and database enhancements.

**LDC**, a SBE subconsultant, will provide data validation, data assessment, and database structure design recommendations.

Subconsultant Letters of Commitment are provided in Attachment D.

## 6.3 Utilization of Local Firms

The WESTON Team has extensive knowledge of the local San Diego area environment gained through a comprehensive range of experience.

*The WESTON Team is comprised of all local firms, with over 30 years of experience working for the City.*

**WESTON** is located in Carlsbad, CA and has been committed to San Diego County Water Quality since 1987. We will rely upon our unique technical expertise and experience gained during our work in all the City's watersheds. We have a thorough understanding of the RWQCB (municipal storm water permits, TMDLs, cleanup and abatement orders, and project specific certification).

Our depth and breadth of regional experience with permit support, monitoring, and reporting for the San Diego County Copermittees supplements our understanding of the City's needs. This experience enhances our thorough understanding of the City's regulations (Environmentally Sensitive Lands Ordinance, site development permit requirements, CEQA guidelines, biology guidelines, Storm Water Standards Manual, and urban runoff management plans). Our team understands these individually and the relationships between them. We have developed excellent relationships with regulators and stakeholder groups which allow us to work in an efficient and effective manner.

**ESA's** San Diego office has worked with WESTON on NPDES Permit and TMDL driven projects for the City. ESA is very knowledgeable of the current regulatory drivers and the water quality, sediment transport and hydromodification data generated by the City's Special Projects that support the TMDLs and anticipated WQIP required under the reissued Permit.

ESA has a thorough understanding of the City's Watershed Pollution Prevention



Program and the ability to present complex data sets and modeling results in clear concise management reports. This provides the Team with the specialized experience needed to enhance the database system and reporting tools to address the City’s TMDL, re-issued MS4 Permit, and other regulatory requirements.

**URS** has 200 professionals located in their San Diego office, which allows our team to draw upon a wealth of knowledgeable, in-house resources for specialized local projects. Their services assist the City to meet regulatory obligations pursuant to its MS4 Permit and implement portions of the City’s water quality protection planning document entitled Strategic Plan for Watershed Activity Implementation.

**MOE** is fully entrenched in the local regulatory arena related to Storm Water programs. MOE has performed an influential role in developing local TMDLs and the MS4 permits in the San Diego region. They provide professional as-needed services to several of the jurisdictions, which require an intricate knowledge of the City’s municipal codes, policies and the permit requirements that

regional Copermittees operate under. This knowledge base provides MOE with a clear understanding of the required information and data to be tracked and managed by the City to effectively manage and assess their program.

**LDC’s** Carlsbad office has worked with **WESTON** on numerous remediation driven projects performing data validation and Quality Services in California. LDC has performed data validation and quality services for the City of San Diego IPR Quarterly.

### 6.3.1 Staffing Levels

This Team includes the technical experts with the necessary depth and breadth of experience to successfully complete all of the scope of services as defined in the solicitation.

**Table 6-2** presents our team’s resources.

**Table 6-2 Staffing Levels**

| Team Member | Staff  | CA Staff |
|-------------|--------|----------|
| WESTON      | 1,600  | 120      |
| ESA         | 337    | 271      |
| URS         | 55,651 | 3,052    |
| MOE         | 5      | 5        |
| LDC         | 47     | 46       |



## 6.4 Team Resumes

### DAVID RENFREW, CPSWQ, QSD • WESTON • PROJECT MANAGER

**Education:** B.S., Geological Sciences (Emphasis in Hydrology)

**Certifications:** Certified Professional in Storm Water Quality (CPSWQ-0249); Qualified SWPPP Developer/Qualified SWPPP Practitioner (#20993)

**Qualification Highlights**

- ▶ 16 years of environmental assessment experience including 14 years working with the City.
- ▶ Extensive experience with storm water management programs and development of laboratory information management systems.

**Chollas Creek TMDL Implementation Monitoring, San Diego, CA, Project Manager.**

Managed all aspects of water quality monitoring and reporting. Automated flow-weighted composite samples were collected in Chollas Creek using remote telemetry and grab sample techniques. Special studies were conducted in accordance with the Chollas Creek TMDL Implementation Plan. Data quality assessment, validation, and database management were performed. Stakeholder engagement work plans, attending monthly meetings, preparing and giving presentations on monitoring results and project progress. *City of San Diego, Ruth Kolb, 858.541.4328*

**As-Needed Technical Services, Los Peñasquitos Lagoon TMDL Monitoring, San Diego, CA, Project Manager.**

Managed all aspects of the TMDL monitoring requirements, coordinated with the City's Project Manager, SCCWRP, and watershed Copermittees in a multi-agency workgroup to develop a monitoring plan and SWAMP-compliant QAPP. Project involved pollutograph monitoring, sediment sampling, bathymetric surveys, continuous data logging of temperature, salinity, pH, dissolved oxygen, turbidity, and depth with YSI 6600 data sondes at three watershed and two lagoon segment sites. Data was uploaded in SWAMP database format to the RWQCB. *City of San Diego, Ruth Kolb, 858.541.4328*

**Chollas Creek Water-Effects Ratio (WER) and Site-Specific Objective Study, San Diego, CA, Project Manager.**

Developed/managed all aspects of the Study to determine the actual water-quality concentrations of dissolved copper, lead, and zinc that cause toxicity in relation to the TMDL concentrations based on California Toxics Rule (CTR). Results demonstrated the TMDL was overly conservative and a site-specific objective adjusting the CTR was warranted. Presented results to the Chollas Creek TMDL Dischargers, Watershed Stakeholders, and the RWQCB Staff. Results represent significant potential savings in terms of BMP implementation for the Chollas Creek TMDL. *City of San Diego, Ruth Kolb, 858.541.4328*

**San Diego County Regional Copermittee Storm Water Monitoring Program, San Diego, CA, Project Manager.**

Manages all aspects of this NPDES permit program and includes permit required data collection, management, and reporting; supported the data collection process, monitoring, inspection, and reporting cost impacts during the Tentative Order Review (R9-2013-0001). Work plan development; budget preparation; and client/regulatory agency interaction. *County of San Diego, JoAnn Weber, 858.494.5317*



## LISA KAY, V.P. • WESTON • PRINCIPAL-IN-CHARGE

**Education:** B.S., Bioenvironmental Science; Fellowship Research, Cell Culture/Electron Microscopy  
**Qualification Highlights**

- ▶ Over 27 years of technical experience with similar scope of services.
- ▶ Vast experience working with multi-disciplined technical teams, various stakeholders and regulatory agencies to achieve successful results with various storm water management programs.

**As-Needed Technical Services, Mission Bay Source Identification Survey, San Diego, CA, Principal Investigator.** Under Proposition 13 Clean Beaches Initiative grant funding, managed a bacteria source investigation for the City in 12 areas of Mission Bay, a §303(d) listed water body. Designed the source investigation, which will investigate sources of human sewage leaks in infrastructure around the Bay, boat moorings, and operation and maintenance practices that may contribute to water quality problems in Mission Bay. Phase II of this study involved the use of microbial source tracking, as well as sediment and groundwater investigations to understand the sources of bacterial contamination. *City of San Diego, Ruth Kolb, 858.541.4328*

**As-Needed Technical Services, San Diego River—Ocean Beach CBI Project, San Diego, CA, Project Manager.** Under Proposition 13 grant funding, managed a source investigation survey for sources of bacteria in the San Diego River that are transported to Ocean Beach, a §303(d) listed water body. Identified several sources and proposed engineering solutions to reduce/eliminate those sources of input to the beach areas. Assisted the City with the CBI grant application and QAPP and SAP development and acceptance. *City of San Diego, Ruth Kolb, 858.541.4328*

**Chollas Creek TMDL Support, San Diego, CA, Project Manager.** Worked with the City and EPA Region 9, Department of Pesticide Regulation, to conduct a source study during rainfall events. Conducted as a source investigation for a TMDL to evaluate loads of copper, lead, zinc, diazinon, and chlorpyrifos in the watershed to the receiving waters of San Diego Bay. Assisted the City by providing statistical assessment of study data to develop an alternative, adaptive implementation plan. Presented the statistical analysis in a stakeholder meeting, and presented an alternative implementation plan and timeline. Resulted in stakeholder consensus to adopt the WESTON-developed alternative. *City of San Diego, Ruth Kolb, 858.541.4328*

## SHERI DISTER • WESTON • ASSISTANT PROJECT MANAGER

**Education:** M.S., Biology; B.S., Biology  
**Qualification Highlights**

- ▶ 19 years of professional experience with GIS and related technologies for natural and water resources and other environmental applications including 4 years working with the City.
- ▶ As GIS Technical Manager under the City's As-Needed Contract, directed GIS-based mapping and analysis for multiple projects for the City.
- ▶ Project Manager for completion of existing SWDMS contract and Weston PM for Inspections Database Project (*WESTON as subconsultant*)
- ▶ Coordinated preparation of multiple annual urban runoff monitoring reports

**San Diego County Municipal Copermittees Regional Monitoring and Reporting Program, GIS Technical Manager and Report Coordinator.** Responsible for GIS data organization, integration, analysis and mapping of watershed management areas and monitoring results for the annual monitoring report for San Diego County Copermittees to comply with their NPDES permit. Coordinated preparation of annual report and developed interactive components.



Participated in numerous wet weather monitoring events. *County of San Diego, JoAnn Weber, 858.494.5317*

**City of San Diego Industrial/Commercial and BMP Inspections Database Project, Project Manager** (*subconsultant to DMAX Engineering*). Responsible for coordinating project schedule, meetings, and deliverables with prime in support of Technical Manager developing the SQL version of the Inspections database system. Participated in design meetings and system review.

**City of San Diego—As-Needed NPDES Technical Services, GIS Technical Manager.**

- ***La Jolla Area of Special Biological Significance (ASBS) Storm Water Management Plan Project Inventories and Geodatabase.*** Developed an inventory of watershed activities, including existing and proposed BMPs, monitoring, outreach, and enforcement, a schema for relating watershed activity monitoring, and a geodatabase deliverable and metadata.
- ***Sustainable Canyons Project.*** Responsible for project coordination, water quality monitoring, and determining of permitting needs/ developing permitting framework. *City of San Diego, Gene Matter, Sr., 858.541.4350*
- ***Aerial Deposition Project—Phase III.*** Directed GIS-based evaluation of metal sources of storm water pollution based on interpretation of aerial imagery, land use and integration of inspection and compliance data. Developed priority ranking and mapping of analysis results.
- ***Mutliple Other Projects.*** Conducted GIS data development, analysis and mapping for numerous other studies/projects under As-Needed contract including: Chollas Creek Dissolved Metals TMDL Implementation Plan; Site-Specific Objectives—Water Effects Ratio Studies for the Chollas Creek TMDL; Los Peñasquitos Lagoon TMDL Monitoring and Watershed Characterization Studies; Shelter Island Yacht Basin Copper TMDL Compliance Monitoring; Tecolote Watershed TMDL Monitoring, Source Characterization Study and Integrated TMDL Implementation Plan; San Diego River Bacteria Source Studies and Framework for the TMDL Implementation Plan. *City of San Diego, Ruth Kolb, 858.541.4328*

#### **ANDREA CRUMPACKER • WESTON • QA MANAGER**

**Education:** M.S., Environmental Analysis and Decision Making; B.S., Biology

##### **Qualification Highlights**

- ▶ 14 years of experience including project management, biology, and environmental statistics.
- ▶ Provides management of water quality monitoring data to assist the City and County of San Diego, San Diego Unified Port District, and other Copermittees comply with their NPDES permit.
- ▶ Experienced in environmental data management, collection, and statistical analysis, including centralized relational database creation, integration with web-based reporting tools, and multivariate statistical analysis.

**As-Needed Technical Services, Storm Water Program Effectiveness Assessment Design, San Diego, CA, Project Manager.** Developed a storm water effectiveness assessment strategy and process working in close conjunction with the City. Allows the City to determine the efficiency of its storm water program in reducing pollutants. *City of San Diego, Ruth Kolb, 858.541.4328*

**JURMP and WURMP Effectiveness Assessment Development and Implementation, CA, Project Manager.** Developed new methods to assess effectiveness of storm water program. Included method evaluation of both JURMP and WURMP permit-required activities and special studies to ensure accurate inter-departmental tracking. Provided program evaluation and development of future program recommendations, including activity-specific evaluations for



efficiency and updating of the Activity Efficiency Rating Table. *City of San Diego, Ruth Kolb, 858.541.4328*

**TMDL and §303(d) Support, San Diego, CA, Project Manager.** Provided support, review, and comment of the Bacteria Project I TMDL, and including Regional Board meeting support. Reviewed and commented on the 2008 §303(d) List, and re-analyzed the data. Proposed recommendations for future data gathering. Compiled and formatted data in preparation for the 2012 State Board request for data. *City of San Diego, Ruth Kolb, 858.541.4328*

**DAVID POHL, PH.D., P.E., LEED® • ESA • TECHNICAL ADVISOR/REPORTING SYSTEM LEAD**

**Education:** Ph.D., Geo-Environmental Engineering; M.S., Geotechnical Engineering; B.S., Civil Engineer; B.A., Applied Science

**Certifications:** Registered Professional Engineer, CA; LEED® AP

**Qualification Highlights**

- ▶ Over 28 years of environmental engineering experience and 10 years of senior technical oversight.
- ▶ Experience includes development of web-hosted environmental databases using SQL Server and integrated with ESRI ArcGIS for water quality, watershed management, best management practices design and implementation, TMDLs and industrial site remediation projects.

**Storm Water Data Management System Contract, San Diego, CA, \$250K, QA Technical Director.** Responsible for periodically meeting with the City to assure quality, timelines, and budget requirements and expectation are met. Provided technical input in the development of the database regarding system design to accommodate potential future needs that include data integration with industrial/commercial inspections, enforcement program, BMP inspections, Program and BMP effectiveness assessment and TMDL monitoring. *City of San Diego, Andre Sonksen, 858.541.4317*

**Storm Water Monitoring Contract, San Diego, CA, \$8M, Technical Advisor.** Provided senior technical oversight and contract management of this 5-year contract. Responsible for the quality of work and technical reports. Identified synergies between the various projects throughout the Department in order to use data more effectively for management decisions and program assessment. Managed the Common Ground project including the development of the web-based database system for historical water quality data from the San Diego Bay watersheds. This database system used SQL Server and provided the basis for the Storm Water Data Management System. *City of San Diego, Ruth Kolb, 858.541.4328*

**MIKE YESCONIS • WESTON • INITIAL SYSTEM ANALYSIS AND FUNCTIONALITY LEAD**

**Education:** MBA; B.A., Geography and Planning (Minor in Biology)

**Certifications:** Lotus CLP—Certified Lotus Professional in Application Development R4.x, Lotus Development Corp

**Qualification Highlights**

- ▶ More than 16 years of diverse information management systems and network design, application development, and system administration.

**Environmental Management Information System (EMIS), Springfield, IL, Technical Manager.** Led the statewide implementation of a custom EMIS at over 120 maintenance facilities. Responsibilities include planning, design, construction, and implementation of the EMIS. *Illinois Department of Transportation (IDOT), Steve Gobelman, 217. 785.4246*

**EMIS—Storm Water Pollution Prevention Plan (SWP3) Automation Requirements Analysis, Technical Manager/Requirements Analyst.** Conducted formal needs assessment and requirements analysis activities for \$20K in storm water pollution prevention automation,



hazardous materials, and ICAS/ECAS environmental compliance activities. *USAR 65<sup>th</sup> RRC, Jesus Galvez, Environment Chief, 787.707.2529*

**EMIS—SWP3 Automation, Fort Stewart/Hunter Army Airfield, Technical Manager/Software Project Manager.** Led WESTON’s team for \$200K in EMIS support tasks including the automation of Storm Water Pollution Prevention Plan reporting and field data collection. Managed all aspects of the project, requirements analysis, hardware selection, data management, and overall task management for software development and deployment. *U.S. Army and Air Education and Training Command, Russell Moncrief, 912.767.0271*

**CHRIS SCHULTZ • WESTON • SWDMS ENHANCEMENTS LEAD/INITIAL SYSTEM ANALYSIS AND FUNCTIONALITY SUPPORT**

Education: B.A., Geography

Qualification Highlights

- ▶ 15 years of experience in system design, development, environmental data management, and GIS.
- ▶ Over 6 years working for the City on directly relevant projects.

**Storm Water Sampling Database Management System (SWDMS), San Diego, CA, Technical Manager.** Managed technical aspects for the design and construction of a relational database system to capture and report information in support of field sampling efforts. Field teams use this system, which runs on a Panasonic Toughbook TabletPC, during sampling and discharge investigations to enter results in the field and synchronize the information with a central server. Ensured that the system provided many custom report templates to summarize field activities in support of the city’s storm water discharge permit requirements. *City of San Diego, Andre Sonksen, 858.541.4317*

**EMIS, Technical Manager.** Directed internal staff designing an EMIS to enable IDOT to capture storage facility survey results. Met with the client to elicit their requirements on system design. Incorporated resulting goals into the design. Ensured system design included capture of IDOT’s inventory. Guided report development, testing, and deployment. *IDOT, Steve Gobelman, 217.785.4246*

**WetTraq System Development, Irvine CA, Application Developer.** Performed requirements, system design, and application development for a data collection system. Contained a user interface built to be run on a desktop or tablet computer for entering data, a SQL Server database used to store the data collected from the field and to import and store a subset of the LabWorks sample results, and a web site to run reports against the database. *Irvine Ranch Water District*

**GARTH ENGELHORN • WESTON • MONITORING SYSTEM LEAD**

Education: B.S., Earth Sciences

Certifications: Wetland Delineator Certification (Wetland Training Institute 2009); PADI certified SCUBA diver since 1996 (Diver 9603085051)

Qualification Highlights

- ▶ Over 10 years of experience with monitoring equipment and 6 years of environmental assessment experience with a focus on water/sediment quality.

**As-Needed Storm Water Management and Monitoring Services, San Diego, CA, Project Manager/Assistant Project Manager.** Supported over 20 projects to assess water quality and environmental characterization. Project Manager for Shelter Island Copper TMDL monitoring project. Responsible for field work coordination, equipment deployment, water quality monitoring, data analysis, and reporting. *City of San Diego, Ruth Kolb, 858.541.4328*



**Famosa Slough TMDL Monitoring, CA, Field Team Lead.** Conducted monitoring required to assess water quality impairments in the slough to parameterize, calibrate and verify watershed and lagoon models. Coordinated four dry weather monitoring events and continuous water quality parameter monitoring. *City of San Diego, Ruth Kolb, 858.541.4328*

**Maple Canyon Environmental Assessment, CA, Task Leader.** Led team to assess water quality and environmental degradation/erosion associated with storm water entering canyon lands, and develop BMPs and retrofit of existing structures for water quality improvement, including natural treatment systems, and plans for habitat restoration and erosion control. *City of San Diego, Ruth Kolb, 858.541.4328*

**Qualification Highlights for Additional Support Personnel**

**Sofia McPherson • URS • Initial System Analysis and Functionality Support**

**Education:** BS, Industrial Engineering

As the Database Manager for the City's Workflow Data Management Optimization, provides business process work flow evaluation, data management standardization, and support to the City staff to optimize data management tools related to the implementation and reporting requirements of the California RWQCB San Diego Region, MS4 Permit and performance measures in the Department strategic and tactical plans.

**Chris Crowley • WESTON • SWDMS Enhancements Support**

**Education:** M.S., Computer Science; B.S., Computer Science

Over 16 years of professional experience including expertise in business need analysis including business requirements and ROI. Developed and customized numerous databases for a wide-variety of clients.

**Eric Souza, PMP • WESTON • SWDMS Enhancements Support**

**Education:** B.A., Biology (Biochemistry Minor)/**Certifications:** Project Management Professional (PMP), Project Management Institute (2012)

Over 17 years as IT professional in various roles (instructor, helpdesk, developer, systems architect, team lead) including 15 years of experience in enterprise software development, full SDLC. As the Developer for the San Diego EMIS, worked with team to convert offline systems for Inspection, BMP and case progress tracking to online, web-based solution. Devised method for generating reports in MS Word or PDF format based on report templates, populated from data on SQL server and downloaded in finished form directly from a report setup web page.

**Sara Huber, P.E. • WESTON • Monitoring System Support**

**Education:** L.L.M., Master of International and Comparative Water Law and Policy; B.S., Civil Engineering, Water Resources and Environmental Hydrology/**Certifications:** Registered Civil Engineer (CA #77332); Qualified SWPPP Developer and Practitioner—QSD/QSP (#20635)

Over 6 years of diversified environmental engineering and storm water experience. As the Project Engineer for Targeted Aggressive Street Sweeping Pilot Program for the City, designed, implemented, and assessed 2.5 year pilot program for Permit and TMDL compliance. As the Assistant Engineer for the Storm Water BMP Effectiveness Assessments for the City, developed site-specific monitoring programs; conducted baseline pollutograph-type water quality monitoring; conducted flow data; completed hydraulic/hydrology analyses; and load calculations.

**Bryn Evans, CPSWQ • URS • Monitoring System Support**

**Education:** MA, Biology; BS, Aquatic Biology/**Certifications:** Certified Professional of Storm Water Quality (#860)

Serves as the Deputy Project Manager for the City's As-needed Storm Water Engineering and Consulting Contract. Projects have included BMP development and engineering, storm water infrastructure asset management services, environmental assessment and permitting, storm water monitoring, strategic planning, and program management. Led experimental design and implementation, technical report preparation/ interpretation, grant proposal preparation, regulatory agency coordination and negotiation, and support of TMDL development/compliance efforts.



**Qualification Highlights for Additional Support Personnel**

**Mikhail Ogawa, P.E. • MOE • Monitoring System Support**

**Education:** M.S. Civil & Environmental Engineering; B.S. Equivalent, Civil & Environmental Engineering; B.S. Aerospace Engineering/ **Certifications:** Professional Engineer-Civil (CA #C59603)

Over 16 years of experience including development and implementation of several NPDES, Storm water, Urban Runoff Management Programs. Expertise in environmental review, permitting and engineering design. As the Project Manager for the Long-Term Effectiveness Assessment (LTEA) for the San Diego County Copermittees, led the development of the 2005 and 2011 LTEA. The frameworks developed allow Copermittees to use program information to focus their resources towards water quality issues and sources, regardless of regulatory drivers.

**Satomi Yonemasu • WESTON • Monitoring System Support**

**Education:** B.S. Biochemistry and Cell Biology

14 years of experience including 8 years in laboratory analysis and testing, field work, data analysis, and QA/QC protocols. Expertise in statistical data analysis, relational databases, and web reporting tools. As the Data Analyst for the City's As-Needed Contract, responsible for analysis of the water quality monitoring data including QA/QC and tabulation. Projects included Chollas Creek TMDL, Los Peñasquitos TMDL, San Diego River TMDL and Tecolote Creek TMDL.

**Kelly Barker • MOE • Reporting System Support**

**Education:** B.S., Environmental Science

Over 9 years of experience coordinating multi-jurisdictional storm water programs, TMDL program technical support, public agency staff training, and development and implementation of jurisdictional and watershed urban runoff programs. As the Project Manager, assisted in the completion of the City's Fiscal Years 2007 -2012 JURMP Annual Reports. Collected departmental data and information, provided on-site presence, met with City staff, streamlined data collection, and performed data management. Assisted the City in the development of an updated annual reporting format to meet streamline annual report while maintaining permit reporting compliance. Analyzed lines of evidence for City §303(d) listed waterbodies to provide the City with potential "regulatory off-ramps".

**Richard Amano • LDC • Reporting System Support**

**Education:** B.S. Biochemistry; A.A. Chemistry

Over 29 years of combined environmental laboratory, QA/QC, laboratory auditing, data management, and data validation experience. Specializes in the evaluation, validation, and interpretation of environmental testing data. Served as Project Manager for several Major QA/QC and Data Validation Programs.

**Heather Lamberson, P.E • URS • Reporting System Support**

**Education:** MS, Civil Engineering/**Certifications:** Professional Engineer, CA #72499

As a key technical contributor for the Chollas Creek Dissolved Metals TMDL Implementation Monitoring project for CALTRANS, is assisting to develop and implement a storm water monitoring program to fulfill the Department's obligations under the Chollas Creek Dissolved Metals TMDL Implementation Plan.

**7 Exceptions to the RFP**

WESTON and its teaming partners certify that we are not taking exception to this RFP and its attachments.

**8 Addenda to the RFP**

WESTON confirms receipt of the following Addenda to the RFP: Addendum 1, dated Tuesday, 07 May 2013.

**9 Consultant Certification**

WESTON is a Large Business (LB), therefore classified as an Other Business Enterprise

(OBE). Our teaming partners' classifications include:

- MOE—SLBE/DBE
- LDC—SBE
- ESA—OBE
- URS—LB/OBE

---

**ATTACHMENT A**  
**DISCLOSURE OF DISCRIMINATION COMPLAINTS**

---

**Weston Solutions, Inc.**

## Discrimination Cases Filed 2003 through October 2012

| DATE OF CLAIM  | LOCATION   | DESCRIPTION OF CLAIM              | LITIGATION (Y/N) | STATUS | REMEDIAL ACTION TAKEN              |
|----------------|--|-----------------------------------|------------------|--------|------------------------------------|
| October 2012   | Municipality of Anchorage Equal Rights Commission                          | Kockinski, Tanya v. WESTON        | N                | Closed | Settled                            |
| May 2010       | U.S. Equal Employment Opportunity Commission, Philadelphia District Office | Stevens, Anthony                  | N                | Closed | Settled                            |
| April 2010     | U.S. Equal Employment Opportunity Commission, Houston District Office      | Cavazos, Gilbert                  | N                | Closed | Settled                            |
| March 2010     | Labor Commission, State of California                                      | Draper, Justin                    | N                | Closed | Settled                            |
| April 2009     | Nevada Equal Rights Commission and EEOC                                    | Ward, Steven v. WESTON            | N                | Closed | Dismissal from EEOC                |
| August 2008    | Pennsylvania Human Relations Commission, Philadelphia Office               | Sanders, Arthur v. WESTON         | N                | Closed | Settled                            |
| August 2007    | Nevada Equal Rights Commission   | Montazer, Parviz                  | N                | Closed | Dismissed                          |
| October 2006   | U.S. Equal Employment Opportunity Commission, Houston District Office      | DeShandra Johnson-Banks v. WESTON | N                | Closed | EEOC declined to pursue the charge |
| September 2006 | EEOC, Houston, TX  | Stuckey, Deborah v. WESTON        | N                | Closed | Settled                            |
| April 2004     | EEOC   | Zahn, William v. WESTON           | N                | Closed | Settled                            |
| February 2004  | PA Human Relations Commission  | Stillwell, Illsa v. WESTON        | N                | Closed | Settled                            |
| February 2004  | PA Human Relations Commission  | Taylor, Jeanne v. WESTON          | N                | Closed | Settled                            |
| October 2003   | PA Human Relations Commission  | Terry, Angela v. WESTON           | N                | Closed | Dismissed                          |
| June 2003      | PA Human Relations Commission  | Magee, Lisa v. WESTON             | N                | Closed | Settled                            |

---

**ATTACHMENT B**  
**WORK FORCE REPORT**

---



Storm Water Monitoring & Reporting Management Service



City of San Diego  
**EQUAL OPPORTUNITY CONTRACTING PROGRAM (EOCP)**  
1010 Second Avenue • Suite 1400 • MS 614C • San Diego, CA 92101  
Phone: (619) 533-3450 • Fax: (619) 533-3633  
**WORK FORCE REPORT**

**ADMINISTRATIVE**

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 (WFR)*.

**CONTRACTOR IDENTIFICATION**

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

Name of Company: Weston Solutions, Inc.

AKA/DBA: WESTON®

Address (Corporate Headquarters, where applicable): 1400 Weston Way

City West Chester County Chester State Pennsylvania Zip 19380-2653

Telephone Number: (610) 701-3000 FAX Number: (610) 701-3186

Name of Company CEO: William L. Robertson

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

Address: 5817 Dryden Place, Suite 101

City Carlsbad County San Diego State California Zip 92008

Telephone Number: (760) 795-6900 FAX Number: (760) 931-1580

Type of Business: Corporation Type of License: (Carlsbad, California) 1218465

The Company has appointed: Lisa Friday

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: 1400 Weston Way, West Chester, PA 19380-2653

Telephone Number: (610) 701-3157 FAX Number: (610) 701-3795

- One San Diego County (or Most Local County) Work Force - Mandatory
- Branch Work Force \*
- Managing Office Work Force

*Check the box above that applies to this WFR.*

*\*Submit a separate Work Force Report for all participating branches. Combine WFRs if more than one branch per county.*

I, the undersigned representative of Weston Solutions, Inc.

(Firm Name)

San Diego, California hereby certify that information provided

(County)

(State)

herein is true and correct. This document was executed on this 24th day of May, 2013.

*Lisa Marie Kay*  
(Authorized Signature)

Lisa Marie Kay  
(Print Authorized Signature)



**WORK FORCE REPORT** – NAME OF FIRM: Weston Solutions, Inc. DATE: May 24, 2013

OFFICE(S) or BRANCH(ES): Carlsbad, California COUNTY: San Diego

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

| OCCUPATIONAL CATEGORY  | (1)<br>Black |     | (2)<br>Hispanic |     | (3)<br>Asian |     | (4)<br>American Indian |     | (5)<br>Filipino |     | (6)<br>White |     | (7)<br>Other Ethnicities |     |
|------------------------|--------------|-----|-----------------|-----|--------------|-----|------------------------|-----|-----------------|-----|--------------|-----|--------------------------|-----|
|                        | (M)          | (F) | (M)             | (F) | (M)          | (F) | (M)                    | (F) | (M)             | (F) | (M)          | (F) | (M)                      | (F) |
| Management & Financial | 0            | 0   | 1               | 0   | 0            | 1   | 0                      | 0   | 0               | 0   | 1            | 4   | 0                        | 0   |
| Professional           | 0            | 0   | 0               | 0   | 0            | 1   | 0                      | 0   | 0               | 0   | 2            | 0   | 0                        | 0   |
| A&E, Science, Computer | 0            | 0   | 0               | 1   | 0            | 2   | 0                      | 0   | 0               | 0   | 3            | 6   | 0                        | 0   |
| Technical              | 0            | 0   | 0               | 0   | 0            | 0   | 1                      | 0   | 0               | 0   | 5            | 3   | 0                        | 0   |
| Sales                  | 0            | 0   | 0               | 0   | 0            | 0   | 0                      | 0   | 0               | 0   | 1            | 1   | 0                        | 0   |
| Administrative Support | 0            | 0   | 0               | 0   | 0            | 0   | 0                      | 0   | 0               | 0   | 0            | 5   | 0                        | 0   |
| Services               | 0            | 0   | 0               | 0   | 0            | 0   | 0                      | 0   | 0               | 0   | 0            | 0   | 0                        | 0   |
| Crafts                 | 0            | 0   | 0               | 0   | 0            | 0   | 0                      | 0   | 0               | 0   | 0            | 0   | 0                        | 0   |
| Operative Workers      | 0            | 0   | 0               | 0   | 0            | 0   | 0                      | 0   | 0               | 0   | 0            | 0   | 0                        | 0   |
| Transportation         | 0            | 0   | 0               | 0   | 0            | 0   | 0                      | 0   | 0               | 0   | 0            | 0   | 0                        | 0   |
| Laborers*              | 0            | 0   | 0               | 0   | 0            | 0   | 0                      | 0   | 0               | 0   | 0            | 0   | 0                        | 0   |

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

|                    |   |   |   |   |   |   |   |   |   |   |    |    |   |   |
|--------------------|---|---|---|---|---|---|---|---|---|---|----|----|---|---|
| Totals Each Column | 0 | 0 | 1 | 1 | 0 | 4 | 1 | 0 | 0 | 0 | 12 | 19 | 0 | 0 |
|--------------------|---|---|---|---|---|---|---|---|---|---|----|----|---|---|

Grand Total All Employees

38

Indicate by Gender and Ethnicity the Number of Above Employees Who Are Disabled

|          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Disabled | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

Non-Profit Organizations Only:

|                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Board of Directors |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Volunteers         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Artists            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

---

**ATTACHMENT C**  
**SUBCONSULTANT PARTICIPATION LIST**

---

**SUBCONSULTANTS PARTICIPATION LIST**

This list shall include the name and complete address of all Subcontractors who qualify as SLBEs or ELBEs. Contractors may also list participation by MBE, WBE, DBE, DBVE and OBE firms. However, no additional points will be awarded for participation by these firms, except that DVBEs that are certified by the City as local businesses shall be counted as SLBEs.

Contractor shall also submit Subcontractor commitment letters on Subcontractor's letterhead, no more than one page each, from Subcontractors listed below to acknowledge their commitment to the team, scope of work, and percent of participation in the project.

Subcontractors shall be used in the percentages listed. No changes to this Participation List will be allowed without prior written City approval.

| NAME AND ADDRESS<br>SUBCONTRACTORS   | SCOPE OF<br>SERVICES   | PERCENT<br>OF<br>CONTRACT | SLBE/ELBE<br>(MBE/<br>WBE/DBE/<br>DVBE/OBE*) | WHERE<br>CERTIFIED**   |
|--|--|---------------------------|--|--|
|  |  |                           |  |  |
| Environmental Science Associates<br>9191 Towne Centre Drive, Suite 340<br>San Diego, CA 92122              | Technical Advisor for<br>TMDLs and<br>Hydromodification under<br>the MS4 Permit  | 10%                       | OBE  | N/A  |
| Laboratory Data Consultants, Inc.<br>7750 El Camino Real, Suite 2L<br>Carlsbad, CA 92009                   | Data Quality and<br>Validation Services  | 5%                        | SBE  | Port of Long<br>Beach, SD<br>County Water<br>Authority-The<br>Network<br>California Small<br>Business<br>Enterprise-<br>Bisync |
| Mikhail Ogawa Engineering<br>3525 Del Mar Heights Road #429<br>San Diego, CA 92130                         | Water Quality<br>Improvement Plans and<br>Municipal MS4 Permit<br>Monitoring, Reporting,<br>System Analysis, and<br>Database Enhancement | 20%                       | SLBE, DBE                                    | City of San<br>Diego, Caltrans,<br>CA Public<br>Utilities<br>Commissions   |
| URS Corporation dba URS<br>Corporation Americas<br>4255 Executive Square, Suite 1600<br>La Jolla, CA 92037 | Transportation and Storm<br>Water Programmatic,<br>Monitoring System, and<br>Report System Support                                       | 10-20%                    | N/A  | City of San<br>Diego   |

List of Abbreviations:

**Small Local Business Enterprise**  
**Emerging Local Business Enterprise**  
 Certified Minority Business Enterprise  
 Certified Woman Business Enterprise  
 Certified Disadvantaged Business Enterprise  
 Certified Disabled Veteran Business Enterprise  
 Other Business Enterprise

**SLBE**  
**ELBE**  
 MBE\*  
 WBE\*  
 DBE\*  
 DVBE\*  
 OBE\*

\* Listed for informational purposes only.

\*\* Consultant shall indicate if Subcontractor is certified by one of the agencies listed in Section VII of the Equal Opportunity Contracting Program (EOCP) Consultant Requirements.

---

**ATTACHMENT D**  
**COMMITMENT LETTERS**

---



9191 Towne Centre Drive  
Suite 340  
San Diego, CA 92122  
858.638.0900 phone  
858.638.0910 fax

[www.esassoc.com](http://www.esassoc.com)

May 6, 2013

David Renfrew  
Weston Solutions, Inc.  
5817 Dryden Place, Suite 101  
Carlsbad, CA 92008

**Subject: Commitment to Weston Solutions, Inc. for City of San Diego Storm Water Monitoring & Reporting Management Services for the Transportation & Storm Water Department**

Dear Mr. Renfrew:

Environmental Science Associates (ESA) is pleased to join Weston Solutions, Inc. (WESTON) team for the City of San Diego Storm Water Monitoring & Reporting Management Services project. As your subconsultant, we understand that we will serve as Technical Advisor (David Pohl) and provide technical expertise as part of the Subject Matter Task Force for TMDLs and hydromodification under the MS4 Permit.

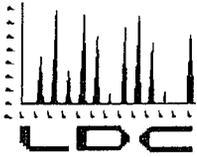
It is our understanding that our participation will be approximately 10 percent of the total fee for the project should such services be utilized. This percentage is contingent upon WESTON receiving the contract award from the City of San Diego and on the scope of services requested under the contract. ESA is fully committed to satisfying the subcontracted scope of work. We will provide all necessary resources to successfully complete those tasks assigned to us.

Thank you for including us on your team!

Sincerely,

A handwritten signature in black ink, appearing to read 'BB', with a long horizontal flourish extending to the right.

Bobbette Biddulph, AICP  
Vice President | Regional Director



## LABORATORY DATA CONSULTANTS, INC.

7750 El Camino Real, Suite 2L, Carlsbad, CA 92009 Bus: 760/634-0437 Fax: 760/634-0439

Weston Solutions, Inc.  
5817 Dryden Place, Suite 101  
Carlsbad, CA 92008  
Attn: Mr. David Renfrew

May 15, 2013

**Subject: Letter of Commitment for City of San Diego RFP for Contract H135955A, SWDMS**

Dear Mr. Renfrew,

In response to your request for participation as a subcontractor for the above referenced solicitation for City of San Diego, Laboratory Data Consultants, Inc., a certified small business, DGS #28177, is pleased to offer its commitment to provide data quality and validation services as may be required during the term of the contract. LDC has no conflict of interest and no proposed staff for this contract have been employed by City Of San Diego in the past 24 months.

Laboratory Data Consultants, Inc. has past experience on projects for City of San Diego IPR Quarterly Project and North City SD Water Reclamation Plant for Montgomery Watson.

Laboratory Data Consultants, Inc. does not have any former City of San Diego employees.

Laboratory Data Consultants, Inc. understands that our commitment is 5% of the project.

We would also like to emphasize the following points up front:

### Capacity

- Laboratory Data Consultants Inc. has the ability to support a project of this size with a staff of thirty five chemistry professionals. This support will allow for appropriate primary and secondary QA/QC review within the critical schedule. Additionally, LDC's capacity allows for flexibility if expedited review is required.

### Past Performance

- LDC has performed data validation on a wide variety of projects in our 21+ years of business including more than 200 Army Corps sites, over 180 AFCEE sites, more than 50 EPA and Superfund sites, and under multiple Navy CLEAN and RAC contracts. This experience includes thorough understanding of multiple validation guidelines including EPA NFG, DOD QSM and EPA Region-specific and state-specific protocols. Work totaled over 20 million dollars in the past five years.

### Subconsultant Summary Data:

**Contact Name and Title:** Laura Soeten, Executive Administrator

**Phone No.:** (760) 634 0437

**E-mail Address:** Lsoeten@lab-data.com

**Legal Address:** Laboratory Data Consultants, Inc., 7750 El Camino Real, Suite 2L, Carlsbad, CA 92009

**Number of Years Doing Business in SD County:** 22 years

**TAX ID:** 33-0492643

**Number of Employees in SD County:** 48

**City of Carlsbad Business License Number:** 1198701, SIC Code 8999, issued 11/15/2012

We look forward to the opportunity to work with Weston Solutions, Inc. on this contract. Please contact me if you need additional information. I certify that I am authorized to sign and obligate Laboratory Data Consultants, Inc. (LDC) to this contract.

Best Regards,

Laura Soeten  
Executive Administrator



# MOE

MIKHAIL OGAWA ENGINEERING

---

May 13, 2013

Mr. David Renfrew  
Weston Solutions, Inc.  
5817 Dryden Place, Suite 101  
Carlsbad, California 92008

Dear Mr. Renfrew:

Mikhail Ogawa Engineering (MOE) is pleased to be a part of the Weston Solutions, Inc. (Weston) consultant team in pursuit of the City of San Diego's Storm Water Monitoring and Reporting Management Services project (Project). MOE is exclusively committed to the team and is prepared to fulfill the Project scope of work as described below.

MOE will provide the professional services described in the Weston team proposal for the of Water Quality Improvement Plans and Municipal MS4 Permit subject areas. MOE will also provide services in the areas of monitoring, reporting, system analysis and database enhancements.

The anticipated MOE participation in the project is 20% of the total project budget.

If you have any questions, please feel free to contact me at (619) 994-7074 or via email at [mikhail@mogawaeng.com](mailto:mikhail@mogawaeng.com).

Sincerely,

Mikhail Ogawa, P.E.  
Principal

c: file



May 24, 2013

David Renfrew  
Weston Solutions, Inc.  
5817 Dryden Place, Suite 101  
Carlsbad, CA 92008

Subject: City of San Diego Transportation & Storm Water Department  
Storm Water Monitoring & Reporting Management Services (H135955A)  
Letter of Commitment

Dear David,

URS appreciates the opportunity to be a member of the Weston Solutions team for the subject project.

This letter serves as URS' commitment to provide Storm Water Monitoring & Reporting Management Services to support the Weston Solutions team and the City of San Diego. The URS Team will provide City of San Diego Transportation and Storm Water programmatic, monitoring system and reporting system support. URS participation in the contract is expected to be a total of 10-20% of the overall contract value.

I also understand that the above is contingent upon Weston Solutions, Inc. receiving the contract award from the City of San Diego for this project.

We look forward to working with the Weston Solutions, Inc. team on this project.

Very truly yours,

URS Corporation

A handwritten signature in blue ink, appearing to read "Bryn Evans", is written over a light blue horizontal line.

Bryn Evans, CPSWQ  
Project Manager/Sr. Scientist

---

**ATTACHMENT E**  
**SUBCONSULTANT SUMMARY DATA**

---

**Subconsultant Summary Data**

| 1. Subcontractors' Legal Name & Address   | 2. SD Offices<br>i. Years Maintained<br>ii. Employees in SD Co. | 3. SDBTL  | 4. Contact Information<br>i. Name<br>ii. Address<br>iii. Phone<br>vi. Email   | 5. Approximate Percent Participation |
|---|---|-----------|---|--------------------------------------|
| Environmental Science Associates<br>9191 Towne Centre Drive, Suite 340<br>San Diego, CA 92122           | i. 6 years<br>ii. 26 employees                                  | OBE       | i. David Pohl<br>ii. 9191 Towne Drive, Suite 340<br>San Diego, CA 92122<br>iii. 858.638.0900<br>iv. <a href="mailto:dphol@esasoc.com">dphol@esasoc.com</a>                      | 10%                                  |
| Laboratory Data Consultants, Inc.<br>7750 El Camino Real, Suite 2L<br>Carlsbad, CA 92009                | i. 22 years<br>ii. 48 employees                                 | SBE       | i. Laura Soeten<br>ii. 7750 El Camino Real, Suite 2L<br>Carlsbad, CA 92009<br>iii. 760.634.0437<br>iv. <a href="mailto:lsoeten@lab-data.com">lsoeten@lab-data.com</a>           | 5%                                   |
| Mikhail Ogawa Engineering<br>3525 Del Mar Heights Road #429<br>San Diego, CA 92130                      | i. 9 years<br>ii. 5 employees                                   | SLBE, DBE | i. Mikhail Ogawa<br>ii. 3525 Del Mar Heights Road, #429<br>San Diego, CA 92130<br>iii. 619.994.7074<br>iv. <a href="mailto:Mikhail@mogawaeng.com">Mikhail@mogawaeng.com</a>     | 20%                                  |
| URS Corporation dba URS Corporation Americas<br>4255 Executive Square, Suite 1600<br>La Jolla, CA 92037 | i. 75 years<br>ii. 269 employees                                | N/A       | i. Bryan Evans<br>ii. 4225 Executive Square, Suite 1600<br>La Jolla, CA 92037<br>iii. 858.812.9292, ext. 1613<br>iv. <a href="mailto:Bryn.evans@urs.com">Bryn.evans@urs.com</a> | 10-20%                               |

---

**ATTACHMENT F**  
**OUTREACH EFFORTS**

---



WESTON has undertaken extensive efforts to make subcontracting opportunities available to all interested and qualified firms for this project, and as a result we plan to subcontract approximately 50% of the overall project cost, of which approximately 25% is allocated to SLBE/ELBE/DBE/MBE/WBE/DVBE/OBE firms including Mikhail Ogawa Engineering (MOE) a SLBE/DBE – 20% and Laboratory Data Consultants, Inc. (LDC), a SBE – 5%.

WESTON has an award winning small business program that includes maintaining an active database of small businesses by region. We have an extensive small business database for San Diego and have used our relationships with these firms to select subcontractors that will meet the requirements of the contract and the needs of the Department.

Our outreach efforts for this proposal included contacting several small businesses that were in our database or had experience working with the Department and/or City in the areas defined in the Scope of Services. These outreach efforts are documented in **Table F-1**.

WESTON has a proven history of meeting our client's small business goals on the contracts we deliver, and we have been the recipient of numerous awards for our commitment to the small business community. We have continuously met our small business goals on prior City contracts.

**WESTON's Small Business Awards/Recognition:**

- *SBA Dwight D. Eisenhower Award for Excellence*
- *SBA Award of Distinction*
- *Defense Contract Management Agency Outstanding Rating*
- *Nunn-Perry Award*





### Outreach Efforts

| # | DATE     | CAME FROM         | COMPANY NAME                     | MBE/WBE/<br>DBE/<br>DVBE/OBE | PHONE NUMBER | CONTACT PERSON | CONVERSATION AND RESULTS                                  |
|---|----------|-------------------|----------------------------------|------------------------------|--------------|----------------|---|
| 1 | 02/18/13 | Andrea Crumpacker | Environmental Science Associates | OBE                          | 858.639.0900 | David Pohl     | Contacted by phone to request inclusion on team. Accepted |
| 2 | 05/01/13 | Andrea Crumpacker | Mikhail Ogawa Engineering        | SLBE, DBE                    | 619.994.7074 | Mikhail Ogawa  | Contacted by phone to request inclusion on team. Accepted |
| 3 | 05/01/13 | Dave Renfrew      | Laboratory Data Consultants      | SBE                          | 760.634.0437 | Richard Amano  | Contacted by phone to request inclusion on team. Accepted |

---

**ATTACHMENT G**  
**CONSULTANT PAST PARTICIPATION LIST**

---



### CONSULTANT PAST PARTICIPATION LIST

The Consultant shall complete this form for each project listed in response to RFP. The Consultant Past Participation List shall include name, address, telephone number (including area code), classification, type of work, dollar amount of participation, certification, and certifying agency for each Subcontractor or Supplier who participated in the referenced project.

NAME OF PROJECT: JURMP/WURPM Development/Program Effectiveness Assessment—City of San Diego As-Needed Storm Water Monitoring Services

TYPE OF PROJECT: Task Order, Time and Materials ESTIMATED \$ VALUE OF CONTRACT: \$146,081.00

| NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR  | CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR | TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES | DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION OR MATERIALS OR SUPPLIES | MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>①</sup> | WHERE CERTIFIED <sup>②</sup>                                |
|--|---|---|---|--|---|
| Name: <u>Mikhail Ogawa Engineering</u><br>Address: <u>3525 Del Mar Heights Road, #429</u><br>City: <u>San Diego</u> State: <u>CA</u><br>Zip: <u>92130</u> Phone: <u>619.994.7074</u> | Contractor                                | Consulting Services                           | \$17,550  | SLBE/DBE   | City of San Diego, Caltrans, CA Public Utilities Commission |

① As appropriate, Consultant shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

② As appropriate, Consultant shall indicate if Subcontractor or Supplier is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Consultant will not receive any points for past subcontracting participation percentages if the Consultant fails to submit the required proof of certification.**

# CALIFORNIA UNIFIED CERTIFICATION PROGRAM DISADVANTAGED BUSINESS ENTERPRISE CERTIFICATE

## MIKHAIL OGAWA ENGINEERING

3525 DEL MAR HEIGHTS ROAD #429  
SAN DEIGO, CA 92130

Owner: MIKHAIL OGAWA

Business Structure: SOLE PROPRIETORSHIP

This certificate acknowledges that said firm is approved by the California Unified Certification Program (CUCP) as a Disadvantaged Business Enterprise (DBE) as defined by the U.S. Department of Transportation (DOT) CFR 49 Part 26, as may be amended, for the following NAICS codes:

NAICS Code(s) \* Indicates primary NAICS code

\* 541330 Engineering Services

541620 Environmental Consulting Services

### Work Category Code(s)

C8700 CONSULTANT  
C8722 ENVIRONMENTAL ENGINEER

C8720 CIVIL ENGINEERING

### Licenses

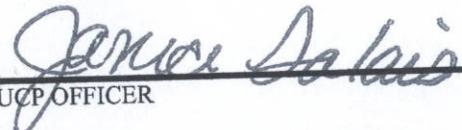
EC Civil Engineer

UNIFIED CERTIFICATION PROGRAM

### CERTIFYING AGENCY:

DEPARTMENT OF TRANSPORTATION  
1823 14TH STREET, MS 79  
SACRAMENTO, CA 95811 0000  
(916) 324-1700

UCP Firm Number : 37246

  
CUCP OFFICER

October 14, 2008

It is CUCP's policy and objective to promote and maintain a level playing field for DBEs in California on Federal-aid contracts. We ensure nondiscrimination in the award and administration of U.S. DOT assisted contracts based on the requirements of 49 CFR Parts 21 and 26.

**CONSULTANT PAST PARTICIPATION LIST**

The Consultant shall complete this form for each project listed in response to RFP. The Consultant Past Participation List shall include name, address, telephone number (including area code), classification, type of work, dollar amount of participation, certification, and certifying agency for each Subcontractor or Supplier who participated in the referenced project.

NAME OF PROJECT: Chollas TMDL Planning, Implementation and Assessment Tasks—City of San Diego As-Needed Storm Water Monitoring Services

TYPE OF PROJECT: Task Order, Time and Materials

ESTIMATED \$ VALUE OF CONTRACT: \$4.23M

| NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR   | CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR | TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES | DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION OR MATERIALS OR SUPPLIES | MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>®</sup> | WHERE CERTIFIED <sup>®</sup> |
|---|---|---|---|--|------------------------------|
| Name: <u>CRG Marine Laboratories, Inc.</u><br>Address: <u>2020 Del Amo Blvd, Ste 200</u><br>City: <u>Torrance</u> State: <u>CA</u><br>Zip: <u>90501</u> Phone: <u>N/A</u>         | Contractor                                | Laboratory Services                           | \$90,692  | OBE  |                              |
| Name: <u>EnviroMatrix Analytical</u><br>Address: <u>4340 Viewridge Ave., Ste A</u><br>City: <u>San Diego</u> State: <u>CA</u><br>Zip: <u>92123</u> Phone: <u>858.560.7717</u>     | Contractor                                | Laboratory Services                           | \$28,432  | SBE  | City of San Diego            |
| Name: <u>WECK Laboratories, Inc.</u><br>Address: <u>14859 East Clark Avenue</u><br>City: <u>City of Industry</u> State: <u>CA</u><br>Zip: <u>91745</u> Phone: <u>626.336.2139</u> | Contractor                                | Laboratory Services                           | \$11,196  | SBE  | City of LA/State of CA       |
| Name: <u>Hydroqual, Inc.</u><br>Address: <u>1200 MacArthur Boulevard</u><br>City: <u>Mahwah</u> State: <u>NJ</u><br>Zip: <u>07430</u> Phone: <u>315.484.6220</u>                  | Contractor                                | Consulting Services                           | \$8,170   | OBE  |                              |



**Consultant Past Participation List**

Storm Water Monitoring & Reporting Management Service

| NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR  | CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR | TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES | DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION OR MATERIALS OR SUPPLIES | MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>①</sup> | WHERE CERTIFIED <sup>②</sup> |
|--|---|---|---|--|------------------------------|
| Name: <u>DUDEK Environmental</u><br>Address: <u>605 Third Street</u><br>City: <u>Encinitas</u> State: <u>CA</u><br>Zip: <u>92024</u> Phone: <u>760.479.4284</u>  | Contractor                                | Consulting Services                           | \$5,836   | OBE  |                              |
| Name: <u>Southern California Coastal Water Research Project</u><br>Address: <u>3535 Harbor Blvd, Ste 100</u><br>City: <u>Costa Mesa</u> State: <u>CA</u><br>Zip: <u>92626</u> Phone: <u>714.755.3200</u> | Contractor                                | Consulting Services                           | \$4,170   | OBE  | City of SD                   |
| Name: <u>Peter M and Patria A Schafer</u><br>Address: <u>5 Valdez Lane</u><br>City: <u>Watsonville</u> State: <u>CA</u><br>Zip: <u>95076</u> Phone: <u>408.945.5399</u>                                  | Contractor                                | Consulting Services                           | \$2,100   | SBE  |                              |
| Name: <u>PHYSIS Environmental Laboratory</u><br>Address: <u>1904 E. Wright Circle</u><br>City: <u>Anaheim</u> State: <u>CA</u><br>Zip: <u>92806</u> Phone: <u>714.602.5320</u>                           | Contractor                                | Laboratory Services                           | \$1,770   | SBE  |                              |

① As appropriate, Consultant shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |



### Consultant Past Participation List

Storm Water Monitoring & Reporting Management Service

② As appropriate, Consultant shall indicate if Subcontractor or Supplier is certified by:

|  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Consultant will not receive any points for past subcontracting participation percentages if the Consultant fails to submit the required proof of certification.**

---

**ATTACHMENT H**  
**EQUAL OPPORTUNITY EMPLOYMENT STRATEGIES**

---



WESTON's Equal Opportunity Employment Statement is provided on the next page. To improve and maximize performance, WESTON developed a score card for monitoring Equal Opportunity Employment efforts compared to goals for each office. General goals for the County of San Diego (Carlsbad) office are as follows:

- Create relationships with professional minority/female organizations.
- Increase the applicant pool for open positions to include at least one-third minority.
- Have our diversity and female population resemble our clients' diversity and female population.

All applicants (walk-ins and advertised responses) are required to utilize our website ([www.WESTONSolutions.com](http://www.WESTONSolutions.com)) to submit their application and resume. If applicant does not have access to a computer, they are offered to complete online in our office. Our internal "HireTrack" system tracks all applicant submittals and maintains an "Applicant Flow Log" which also details demographics and referral sites of each applicant. Once entered in the system, the hiring manager updates status of application including opinion on qualifications, interview scheduling and final decision.

WESTON actively recruits from many sources to promote diversity within our organization. The recruiting staff, as well as departmental team members, plan to recruit from San Diego State University student club organizations by sponsoring meetings and information sessions to provide information on WESTON. The programs currently listed for the current college campus recruiting season are the National Society of Black Engineers, Society of Hispanic Professional Engineers, and American Indian Science and Engineering Society, as well as maintaining our relationship with the society of Women

Engineers. Our recruiting efforts include attendance at diverse professional career fairs.

We have also expanded our advertising resources to include diversity professional websites whenever possible.

WESTON maintains an internal qualification system called "SubTrack" for which information on subcontractors, both large and minority, are reviewed and approved per our policies which include references, safety records and updates by WESTON project managers on performance. WESTON maintains record logs on outreach efforts on a per-proposal basis which include newspaper advertising, diversity websites and attendance at conferences such as SETAC and STORMCON where we solicit both individual and small business/minority candidates and subcontractors.



January 15, 2013

### POLICY STATEMENT

Weston Solutions, Inc., and its management, fully support the principles of Equal Employment Opportunity and are committed to programs set forth in our Affirmative Action Program to enhance and encourage equal employment opportunity for all. If you would like to review the Affirmative Action Plan, please contact our Affirmative Action/EEO Coordinator during normal business hours.

We have designated the Senior Vice President of Human Resources as Equal Employment Opportunity Coordinator in charge of implementing our program. The Senior Vice President of Human Resources is responsible for assuring that:

1. Recruitment, hiring, training and promotion in all job disciplines are carried out without regard to any non-job related factors, including race, age, color, religion, sex, national origin, disability, sexual orientation, genetic information, or veteran status.
2. All employment decisions are based on the principles of equal employment opportunity.
3. Promotion decisions are in accord with principles of equal employment opportunity by imposing only valid requirements for promotional opportunities.
4. All personnel actions such as compensation, benefits, transfers, layoffs, return from layoffs, company-sponsored training, education, tuition assistance, and social and recreational programs will be administered without regard to any non-job-related factors, including race, age, color, religion, sex, national origin, disability, sexual orientation, genetic information or veteran status.

In addition to our Affirmative Action Program regarding minorities and females, we subscribe to a similar policy for qualified disabled veterans and veterans of Vietnam and individuals with disabilities, as well as affording opportunities for minority-owned firms to participate on projects through subcontracting or joint arrangements as such needs may arise.

As part of this program and to ensure compliance, an internal auditing and monitoring system has been established which will include, but not be limited to; quarterly reports from the Equal Employment Opportunity Coordinator to measure goals and timetables and recommendations for implementing this program.

All employees are expected to cooperate in meeting the objectives of this program in the performance of their job responsibilities.

---

**ATTACHMENT I**  
**COMMUNITY ACTIVITIES**

---



As an employee-owned company that lives its core values, WESTON strives to Make a Difference in the communities where we live and work. WESTON encourages and is actively involved in community activities, with hands-on participation by management and all levels of staff in the 50 communities throughout the country where we have a local presence. Our community partnering program provides a platform for our employees to support the causes we are passionate about, at both the grassroots and corporate level.

Around the world, our employees are reaching out to work side-by-side with our colleagues, members of our communities, and clients in projects as diverse as planting trees in an urban park, to renovating a homeless shelter, to raising funds for cancer research.



At WESTON's 2012 Leadership Meeting WESTON attendees and employees combined forces with local community groups (Veterans Green Jobs, YouthBiz, and Engage8) to transform an empty lot into a sustainable community garden. Tasks included installation of: a 20-foot paver courtyard; 350 fence pickets, 7 trees (shade and fruit); mulch throughout, 30 raised garden beds with soil; and assembly of benches. Our team of over 100 workers continued the Make A Difference commitment already initiated in the region in Lakewood, Wheatridge and Colorado Springs.

At WESTON's 2011 Leadership Meeting in Chicago, Illinois, 100 WESTON managers

participated in a team building exercise to make a difference at the Cornerstone Community Outreach Center on North Clifton Avenue. The shelter houses and/or provides food more than 350 homeless residents each day, and offers career counseling and job placement services to individuals and families. The shelter provides those who have lost everything with a chance to get back on their feet. The facility was in need of a facelift and Weston provided the solutions based on Cornerstone's wish list. WESTON purchased eight microwave ovens and replaced the washer and dryer.

Prior to the Cornerstone project, WESTON's client development team met in Austin, Texas, which included a team building event at Ortega Elementary School. Over 100 meeting attendees worked with students from the Ortega Elementary School to build an Outdoor Science Classroom. Ortega Elementary is a Texas Education Agency (TEA) Recognized School, providing superior public education to an underserved area of east Austin. It was a wonderful opportunity for us to teach the children how they can contribute to a sustainable environment.

For the past three years, WESTON has been the sole corporate sponsor and leader for a high profile Make-a-Difference event in conjunction with the Society of Environmental Toxicology and Chemistry (SETAC) annual conference. In November 2011, WESTON focused on providing environmental education to high school students from underserved communities. The event was conducted in collaboration with the National Institute for Math and Science Education (NIMSE). WESTON and SETAC volunteers led groups of kids through six interactive exhibits where students had opportunities to learn about freshwater taxonomy and the sensitivity and importance of freshwater invertebrates in stream and riverine systems, fate and effects of plastics in the ocean, seafood safety and



sustainable fisheries, mercury in the environment, application of laboratory bioassays and ecotoxicology, and stormwater management using low impact development.



WESTON's community leadership demonstrated at the corporate level is also evident in local offices nationwide. Examples of the community activities of WESTON's Carlsbad staff follow:

### **San Diego Make-a-Difference Community Activities**

On October 21, 2011 WESTON participated in a San Diego region event with the theme to build, paint, clean, garden, landscape to improve our community. The project location for the WESTON group of 24 volunteers was the Women's Resource Center Alternatives Shelter in Oceanside, California. Our employees and friends painted the interior of the shelter, which greatly refreshed the living spaces, prepared the front yard for landscaping by digging up and leveling the yard, and deconstructed an old shed and platform to provide an outdoor play area for the children. The successful event was highly productive in terms of the positive impact on the facility as well as a fun, team-building activity for the group outside of the office.

The project coordinators provided this summary after the event: "Wow! The project that we did this weekend was amazing. Thank you so much for your hands and heart in this

project. Karen and I are immensely grateful that you and the other teams partnered with us, we could not have done it without you and all the other volunteers! The impact that we made was enormous and the women at the shelter are immensely grateful. Together we were successful in creating a better environment for where women and children can seek refuge from violent relationships." WESTON was recognized as a local partner in the event, providing "a large team of people that worked approximately 90 man hours on the project."



Recently, in March 2012, the WESTON Carlsbad office supported the supported the Temecula Valley Charter School's "Happy Feet" Shoe Drive by collecting used shoes to be donated to those in need including those in developing countries.

WESTON employees have participated in several volunteer events at the Angel's Deport in Vista, CA including two food packing events (August 2011 and October 2010) and their annual "Soup N Bean" Canned Food Drive in February 2011. The Angel's Deport provides food boxes to needy seniors in Northern San Diego County.

In March 2011, WESTON employees participated in a Feeding America volunteer event to help alleviate hunger in San Diego County. Volunteers sorted, labeled and organized food donations.



In February 2011, WESTON employees from the Carlsbad office participated in a trail improvement/maintenance event sponsored by the City of Carlsbad at Ridgeline Trail.

In January 2011, the Carlsbad office collected supplies for the North County La Posada De Guadalupe men’s homeless shelter. Located one block from our Carlsbad office, this shelter had suffered funding cuts and was in dire need of simple supplies such as towels, washing supplies and blankets.

In November 2010, prior to Christmas, WESTON’s Carlsbad office put together holiday donation gift boxes for a company of 40 men from the local Camp Pendleton Marine Corps Base stated in. The 40 gift packages included necessities including boot socks, toothbrushes, baby wipes, sun flower seeds, band aides, and stationary, as well as notes of appreciation from WESTON employees.

On May 8<sup>th</sup>, 2010, staff from the WESTON Carlsbad office participated in the Coastal Wetlands Service Project at Famosa Slough with planting and clean-up. Volunteers worked through the morning with shovels, spades, hedge trimmers and secateurs to remove and trim undergrowth, allowing native species space to grow and enhance the natural habitat of the wetland.



*Coastal Wetland Service Project at Famosa Slough*

On May 15, 2010, volunteers from WESTON participated in the San Diego River Habitat Restoration event as part of “River Days”. They worked with San Diego River Park staff, Friends of the San Diego River, and other volunteers to remove invasive plant species along the trails of the San Diego River mouth near Dog Beach, including weed removal in the native plants demonstration garden.



*Habitat Restoration at San Diego River Mouth, Native Plants Demonstration Garden*

**Current Memberships in Local Organizations & Associations**

- Zoological Association of San Diego;
  - Society of Environmental Toxicology and Chemistry (SETAC), National and Regional (SoCal SETAC);
  - Aviara Oaks Elementary School PTA;
  - KPBS;
  - Board member of Aqua Hedionda Lagoon Discovery Center;
  - San Diego Society Human Resources Management;
  - Surfrider Foundation;
  - California Storm Water Quality Association Pesticide Subcommittee;
  - California Storm Water Quality Association Brake Pad Partnership Subcommittee;



- Engineers without Borders (outgoing fundraising chair, SDSU chapter);
- SurfAID;
- Member of American Society of Civil Engineers (ASCE), National and San Diego Chapter;
- Member of Construction Management Association of America (CMAA), National and San Diego Chapter;
- SIO—Birch Aquarium;
- Association of Women in Science (AWIS), San Diego Chapter;
- UCSD Alumni Association (Lifetime member);
- Greenpeace;
- California Surf Lifesaving Association;
- Huntington Beach Lifesaving Association;
- Lake Elementary PTA;
- Girls Scouts of America; and
- Weston A. Price Foundation San Diego Chapter.

### **Current/Recent Participation in Local Community Projects**

- Volunteer SCUBA diver for the Ocean's Foundation;
- Agua Hedionda Water Day Festival 2008;
- Southern California Bight Regional Monitoring Program;
- Career Day Speaker La Paloma School, Fallbrook;
- Aviara Oaks Elementary School, Eagle Electives Volunteer Teacher, Watershed Science, Spring 2010;
- Aviara Oaks Middle School, Science Olympiad Coach, Disease Detectives, 2008-2009;
- San Diego River Days 2008;
- Tijuana River Valley Clean-Up 2008;
- Morning After Mess Beach Clean-up 2008;

- Agua Hedionda Lagoon Discovery Center Garden Maintenance (with the EOEC committee);
- Treasurer Lake Elementary PTA;
- Volunteer at Lake Elementary 20–30 hours a month;
- Girl Scout Troop 4009 co-leader; and
- Annual "Serve Your Neighbors Day" (Elementary and Middle School Clean-up and Housekeeping) Emmanuel Faith Community Church.

### **Charitable Contributions to Local Organizations**

- KPBS;
- Zoological Society of San Diego;
- Aviara Oaks Elementary School;
- El Camino Creek Elementary School;
- Surfrider Foundation;
- Engineers without Borders;
- SurfAID int;
- Veterans Shelter, Point Loma;
- San Diego Rescue Mission;
- Heal the Bay;
- Medecins san Frontieres;
- Greenpeace;
- Make-A-Wish Foundation;
- UCSD Foundation;
- Zoological Society of San Diego;
- Los Angeles Rescue Mission;
- Lake Elementary School;
- Girls Scouts of America
  - San Diego—Imperial Chapter;
- Boy Scouts of America
  - San Diego—Imperial Chapter;
- Catholic Charities in Vista;
- Emmanuel Faith Community Church;
- Frontier's Ministries;
- Senior Community Centers, San Diego.



## **Mentorships, Apprenticeships, & Internships**

- Assisted in mentoring high school toxicology laboratory interns;
- Engineering Intern, CIP, City of Encinitas;
- Mentored UCSD, SDSU, and USC civil engineering undergrad students within the respective ASCE chapters with environmental engineering projects;
- Mentored two local middle school students conducting a class project;
- Mentored a student from Mesa Community College with a water quality project in the Agua Hedionda Watershed;
- Assisted in mentoring two local middle school students during a science class project.

Living and working in the County of San Diego, WESTON's Carlsbad staff has a vested interest in the health and well-being of this community.

---

**ATTACHMENT J**  
**CONTRACTOR STANDARDS**

---



**City of San Diego Purchasing & Contracting Department**

**CONTRACTOR STANDARDS**

*Pledge of Compliance*

Effective December 24, 2008, the Council of the City of San Diego adopted Ordinance No. O-19808 to extend the Contractor Standards Ordinance to all contracts greater than \$50,000. The intent of the Contractor Standards clause of San Diego Municipal Code §22.3224 is to ensure the City of San Diego conducts business with firms that have the necessary quality, fitness and capacity to perform the work set forth in the contract.

To assist the Purchasing Agent in making this determination and to fulfill the requirements of §22.3224(d), each bidder/proposer must complete and submit this *Pledge of Compliance* with the bid/proposal. If a non-competitive process is used to procure the contract, the proposed contractor must submit this completed *Pledge of Compliance* prior to execution of the contract. A submitted *Pledge of Compliance* is a public record and information contained within will be available for public review for at least ten (10) calendar days, except to the extent that such information is exempt from disclosure pursuant to applicable law.

All responses must be typewritten or printed in ink. If an explanation is requested or additional space is required, respondents must use the *Pledge of Compliance Attachment "A"* and sign each page. The signatory guarantees the truth and accuracy of all responses and statements. Failure to submit this completed *Pledge of Compliance* may make the bid/proposal non-responsive and disqualified from the bidding process. If a change occurs which would modify any response, Contractor must provide the Purchasing Agent an updated response within thirty (30) calendar days

**A. PROJECT TITLE:**

Environmental Services for City of San Diego Storm Water & Reporting Management Services for the Transportation & Storm Water Department

**B. BIDDER/CONTRACTOR INFORMATION:**

|   |          |              |              |
|---|----------|--------------|--------------|
| Weston Solutions, Inc.                            |          |              |              |
| Legal Name  |          | DBA          |              |
| 5817 Dryden Place, Ste. 101                       | Carlsbad | California   | 92008        |
| Street Address                                    | City     | State        | Zip          |
| Lisa Marie Kay, V.P., California Regional Manager |          | 760.795.6900 | 760.931.1580 |
| Contact Person, Title                             |          | Phone        | Fax          |

**C. OWNERSHIP AND NAME CHANGES:**

1. In the past five (5) years, has your firm changed its name?

Yes     No

If Yes, use *Pledge of Compliance Attachment "A"* to list all prior legal and DBA names, addresses and dates when used. Explain the specific reasons for each name change.

2. In the past five (5) years, has a firm owner, partner or officer operated a similar business?

Yes     No

If Yes, use *Pledge of Compliance Attachment "A"* to list names and addresses of all businesses and the person who operated the business. Include information about a similar business only if an owner, partner or officer of your firm holds or has held a similar position in another firm.



### Contractor Standards

Storm Water Monitoring & Reporting Management Service for the Transportation & Storm Water District

D. **BUSINESS ORGANIZATION/STRUCTURE:** Indicate the organizational structure of your firm. Check one only on this page. Use Pledge of Compliance Attachment "A" if more space is required.

**Corporation** Date incorporated: 01/02/1957 State of incorporation: Pennsylvania

List corporation's current officers:

|            |                              |
|------------|------------------------------|
| President: | <u>William L. Robertson</u>  |
| Vice Pres: | <u>Vincent A. Laino, CFO</u> |
| Secretary: | <u>Andrew Gaddes</u>         |
| Treasurer: | <u>N/A</u>                   |

Is your firm a publicly traded corporation?  Yes  No

If Yes, name those who own five percent (5%) or more of the corporation's stocks:

---

---

---

---

**Limited Liability Company** Date formed:  / /  State of formation:

List names of members who own five percent (5%) or more of the company:

---

---

---

---

**Partnership** Date formed:  / /  State of formation:

List names of all firm partners:

---

---

---

---

**Sole Proprietorship** Date started:

List all firms you have been an owner, partner or officer with during the past five (5) years. Do not include ownership of stock in a publicly traded company:

---

---

---

---

**Joint Venture** Date started:

List each firm in the joint venture and its percentage of ownership:

---

---

---

---

**Note:** Each member of a Joint Venture must complete a separate *Contractor Standards Pledge of Compliance* for a Joint Venture's submission to be considered responsive.



## Contractor Standards

### E. FINANCIAL RESOURCES AND RESPONSIBILITY:

1. Is your firm in preparation for, in the process of, or in negotiations toward being sold?

Yes  No

If **Yes**, use *Pledge of Compliance Attachment "A"* to explain specific circumstances, including name of the buyer and principal contact information.

2. In the past five (5) years, has your firm been denied bonding?

Yes  No

If **Yes**, use *Pledge of Compliance Attachment "A"* to explain specific circumstances; include bonding company name.

3. In the past five (5) years, has a bonding company made any payments to satisfy claims made against a bond issued on your firm's behalf or a firm where you were the principal?

Yes  No

If **Yes**, use *Pledge of Compliance Attachment "A"* to explain specific circumstances.

### F. PERFORMANCE HISTORY:

1. In the past five (5) years, has your firm been found civilly liable, either in a court of law or pursuant to the terms of a settlement agreement, for defaulting or breaching a contract with a government agency?

Yes  No

If **Yes**, use *Pledge of Compliance Attachment "A"* to explain specific circumstances.

2. In the past five (5) years, has a government agency terminated your firm's contract prior to completion?

Yes  No

If **Yes**, use *Pledge of Compliance Attachment "A"* to explain specific circumstances and provide principal contact information.

### G. COMPLIANCE:

1. In the past five (5) years, has your firm or any firm owner, partner, officer, executives or management been criminally penalized or found civilly liable, either in a court of law or pursuant to the terms of a settlement agreement for violating any federal, state or local law in performance of a contract, including but not limited to laws regarding health and safety, labor and employment, wage and hours, and licensing laws which affect employees?

Yes  No

If **Yes**, use *Pledge of Compliance Attachment "A"* to explain specific circumstances surrounding each instance; include name of entity involved, specific infraction(s) or violation(s), dates of instances, and outcome with current status.

2. In the past five (5) years, has your firm been debarred or determined to be non-responsible by a government agency?

Yes  No

If **Yes**, use *Pledge of Compliance Attachment "A"* to explain specific circumstances of each instance; include name of entity involved, specific infraction, dates, and outcome.



### Contractor Standards

Storm Water Monitoring & Reporting Management Service for the Transportation & Storm Water District

**H. BUSINESS INTEGRITY:**

1. In the past five (5) years, has your firm been convicted of or found liable in a civil suit for making a false claim or material misrepresentation to a private or governmental entity?

Yes  No

If Yes, use *Pledge of Compliance Attachment "A"* to explain specific circumstances of each instance; include the entity involved, specific infraction(s) or violation(s), dates, outcome and current status.

2. In the past five (5) years, has your firm or any of its executives, management personnel, or owners been convicted of a crime, including misdemeanors, or been found liable in a civil suit involving the bidding, awarding, or performance of a government contract?

Yes  No

If Yes, use *Pledge of Compliance Attachment "A"* to explain specific circumstances of each instance; include the entity involved, specific infraction(s), dates, outcome and current status.

**I. TYPE OF SUBMISSION:** This document is submitted as:

Initial submission of *Contractor Standards Pledge of Compliance*.

Update of prior *Contractor Standards Pledge of Compliance* dated:     /    /    

**Complete all questions and sign below. Each *Pledge of Compliance Attachment "A"* page must be signed.**

Under penalty of perjury under the laws of the State of California, I certify I have read and understand the questions contained in this *Pledge of Compliance* and that I am responsible for completeness and accuracy of responses and all information provided is true to the best of my knowledge and belief. I further certify my agreement to the following provisions of San Diego Municipal Code §22,3224:

- (a) To comply with all applicable local, State and Federal laws, including health and safety, labor and employment, and licensing laws that affect the employees, worksite or performance of the contract.
- (b) To notify the Purchasing Agent within fifteen (15) calendar days upon receiving notification that a government agency has begun an investigation of the Contractor that may result in a finding that the Contractor is or was not in compliance with laws stated in paragraph (a).
- (c) To notify the Purchasing Agent within fifteen (15) calendar days when there has been a finding by a government agency or court of competent jurisdiction of a violation by the Contractor of laws stated in paragraph (a).
- (d) To provide the Purchasing Agent updated responses to the *Contractor Standards Pledge of Compliance* within thirty (30) calendar days if a change occurs which would modify any response.
- (e) To notify the Purchasing Agent within fifteen (15) days of becoming aware of an investigation or finding by a government agency or court of competent jurisdiction of a violation by a subcontractor of laws stated in paragraph (a).
- (f) To cooperate fully with the Purchasing Agent and the City during any investigation and to respond to a request for information within ten (10) working days from the request date.

**Failure to sign and submit this form with the bid/proposal shall make the bid/proposal non-responsive.**

Lisa Marie Kay, V.P., California  
Regional Manager  
\_\_\_\_\_  
Print Name, Title

*Lisa Marie Kay*  
\_\_\_\_\_  
Signature

5/24/2013  
\_\_\_\_\_  
Date

**SUBCONSULTANTS PARTICIPATION LIST**

This list shall include the name and complete address of all Subcontractors who qualify as SLBEs or ELBEs. Contractors may also list participation by MBE, WBE, DBE, DBVE and OBE firms. However, no additional points will be awarded for participation by these firms, except that DVBEs that are certified by the City as local businesses shall be counted as SLBEs.

Contractor shall also submit Subcontractor commitment letters on Subcontractor's letterhead, no more than one page each, from Subcontractors listed below to acknowledge their commitment to the team, scope of work, and percent of participation in the project.

Subcontractors shall be used in the percentages listed. No changes to this Participation List will be allowed without prior written City approval.

| NAME AND ADDRESS<br>SUBCONTRACTORS   | SCOPE OF<br>SERVICES   | PERCENT<br>OF<br>CONTRACT | SLBE/ELBE<br>(MBE/<br>WBE/DBE/<br>DVBE/OBE*) | WHERE<br>CERTIFIED**   |
|--|--|---------------------------|--|--|
|  |  |                           |  |  |
| Environmental Science Associates<br>9191 Towne Centre Drive, Suite 340<br>San Diego, CA 92122              | Technical Advisor for<br>TMDLs and<br>Hydromodification under<br>the MS4 Permit  | 10%                       | OBE  | N/A  |
| Laboratory Data Consultants, Inc.<br>7750 El Camino Real, Suite 2L<br>Carlsbad, CA 92009                   | Data Quality and<br>Validation Services  | 5%                        | SBE  | Port of Long<br>Beach, SD<br>County Water<br>Authority-The<br>Network<br>California Small<br>Business<br>Enterprise-<br>Bisync |
| Mikhail Ogawa Engineering<br>3525 Del Mar Heights Road #429<br>San Diego, CA 92130                         | Water Quality<br>Improvement Plans and<br>Municipal MS4 Permit<br>Monitoring, Reporting,<br>System Analysis, and<br>Database Enhancement | 20%                       | SLBE, DBE                                    | City of San<br>Diego, Caltrans,<br>CA Public<br>Utilities<br>Commissions   |
| URS Corporation dba URS<br>Corporation Americas<br>4255 Executive Square, Suite 1600<br>La Jolla, CA 92037 | Transportation and Storm<br>Water Programmatic,<br>Monitoring System, and<br>Report System Support                                       | 10-20%                    | N/A  | City of San<br>Diego   |

## List of Abbreviations:

**Small Local Business Enterprise**  
**Emerging Local Business Enterprise**  
 Certified Minority Business Enterprise  
 Certified Woman Business Enterprise  
 Certified Disadvantaged Business Enterprise  
 Certified Disabled Veteran Business Enterprise  
 Other Business Enterprise

**SLBE**  
**ELBE**  
 MBE\*  
 WBE\*  
 DBE\*  
 DVBE\*  
 OBE\*

\* Listed for informational purposes only.

\*\* Consultant shall indicate if Subcontractor is certified by one of the agencies listed in Section VII of the Equal Opportunity Contracting Program (EOCP) Consultant Requirements.



### CONSULTANT PAST PARTICIPATION LIST

The Consultant shall complete this form for each project listed in response to RFP. The Consultant Past Participation List shall include name, address, telephone number (including area code), classification, type of work, dollar amount of participation, certification, and certifying agency for each Subcontractor or Supplier who participated in the referenced project.

NAME OF PROJECT: JURMP/WURPM Development/Program Effectiveness Assessment—City of San Diego As-Needed Storm Water Monitoring Services

TYPE OF PROJECT: Task Order, Time and Materials ESTIMATED \$ VALUE OF CONTRACT: \$146,081.00

| NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR  | CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR | TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES | DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION OR MATERIALS OR SUPPLIES | MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>①</sup> | WHERE CERTIFIED <sup>②</sup>                                |
|--|---|---|---|--|---|
| Name: <u>Mikhail Ogawa Engineering</u><br>Address: <u>3525 Del Mar Heights Road, #429</u><br>City: <u>San Diego</u> State: <u>CA</u><br>Zip: <u>92130</u> Phone: <u>619.994.7074</u> | Contractor                                | Consulting Services                           | \$17,550  | SLBE/DBE   | City of San Diego, Caltrans, CA Public Utilities Commission |

① As appropriate, Consultant shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

② As appropriate, Consultant shall indicate if Subcontractor or Supplier is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Consultant will not receive any points for past subcontracting participation percentages if the Consultant fails to submit the required proof of certification.**

# CALIFORNIA UNIFIED CERTIFICATION PROGRAM DISADVANTAGED BUSINESS ENTERPRISE CERTIFICATE

## MIKHAIL OGAWA ENGINEERING

3525 DEL MAR HEIGHTS ROAD #429  
SAN DEIGO, CA 92130

Owner: MIKHAIL OGAWA

Business Structure: SOLE PROPRIETORSHIP

This certificate acknowledges that said firm is approved by the California Unified Certification Program (CUCP) as a Disadvantaged Business Enterprise (DBE) as defined by the U.S. Department of Transportation (DOT) CFR 49 Part 26, as may be amended, for the following NAICS codes:

NAICS Code(s) \* Indicates primary NAICS code

\* 541330 Engineering Services

541620 Environmental Consulting Services

### Work Category Code(s)

C8700 CONSULTANT  
C8722 ENVIRONMENTAL ENGINEER

C8720 CIVIL ENGINEERING

### Licenses

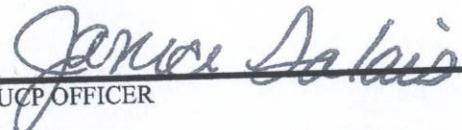
EC Civil Engineer

UNIFIED CERTIFICATION PROGRAM

### CERTIFYING AGENCY:

DEPARTMENT OF TRANSPORTATION  
1823 14TH STREET, MS 79  
SACRAMENTO, CA 95811 0000  
(916) 324-1700

UCP Firm Number : 37246

  
CUCP OFFICER

October 14, 2008

It is CUCP's policy and objective to promote and maintain a level playing field for DBEs in California on Federal-aid contracts. We ensure nondiscrimination in the award and administration of U.S. DOT assisted contracts based on the requirements of 49 CFR Parts 21 and 26.

**CONSULTANT PAST PARTICIPATION LIST**

The Consultant shall complete this form for each project listed in response to RFP. The Consultant Past Participation List shall include name, address, telephone number (including area code), classification, type of work, dollar amount of participation, certification, and certifying agency for each Subcontractor or Supplier who participated in the referenced project.

NAME OF PROJECT: Chollas TMDL Planning, Implementation and Assessment Tasks—City of San Diego As-Needed Storm Water Monitoring Services

TYPE OF PROJECT: Task Order, Time and Materials

ESTIMATED \$ VALUE OF CONTRACT: \$4.23M

| NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR   | CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR | TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES | DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION OR MATERIALS OR SUPPLIES | MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>®</sup> | WHERE CERTIFIED <sup>®</sup> |
|---|---|---|---|--|------------------------------|
| Name: <u>CRG Marine Laboratories, Inc.</u><br>Address: <u>2020 Del Amo Blvd, Ste 200</u><br>City: <u>Torrance</u> State: <u>CA</u><br>Zip: <u>90501</u> Phone: <u>N/A</u>         | Contractor                                | Laboratory Services                           | \$90,692  | OBE  |                              |
| Name: <u>EnviroMatrix Analytical</u><br>Address: <u>4340 Viewridge Ave., Ste A</u><br>City: <u>San Diego</u> State: <u>CA</u><br>Zip: <u>92123</u> Phone: <u>858.560.7717</u>     | Contractor                                | Laboratory Services                           | \$28,432  | SBE  | City of San Diego            |
| Name: <u>WECK Laboratories, Inc.</u><br>Address: <u>14859 East Clark Avenue</u><br>City: <u>City of Industry</u> State: <u>CA</u><br>Zip: <u>91745</u> Phone: <u>626.336.2139</u> | Contractor                                | Laboratory Services                           | \$11,196  | SBE  | City of LA/State of CA       |
| Name: <u>Hydroqual, Inc.</u><br>Address: <u>1200 MacArthur Boulevard</u><br>City: <u>Mahwah</u> State: <u>NJ</u><br>Zip: <u>07430</u> Phone: <u>315.484.6220</u>                  | Contractor                                | Consulting Services                           | \$8,170   | OBE  |                              |



**Consultant Past Participation List**

Storm Water Monitoring & Reporting Management Service

| NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR  | CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR | TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES | DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION OR MATERIALS OR SUPPLIES | MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB <sup>①</sup> | WHERE CERTIFIED <sup>②</sup> |
|--|---|---|---|--|------------------------------|
| Name: <u>DUDEK Environmental</u><br>Address: <u>605 Third Street</u><br>City: <u>Encinitas</u> State: <u>CA</u><br>Zip: <u>92024</u> Phone: <u>760.479.4284</u>  | Contractor                                | Consulting Services                           | \$5,836   | OBE  |                              |
| Name: <u>Southern California Coastal Water Research Project</u><br>Address: <u>3535 Harbor Blvd, Ste 100</u><br>City: <u>Costa Mesa</u> State: <u>CA</u><br>Zip: <u>92626</u> Phone: <u>714.755.3200</u> | Contractor                                | Consulting Services                           | \$4,170   | OBE  | City of SD                   |
| Name: <u>Peter M and Patria A Schafer</u><br>Address: <u>5 Valdez Lane</u><br>City: <u>Watsonville</u> State: <u>CA</u><br>Zip: <u>95076</u> Phone: <u>408.945.5399</u>                                  | Contractor                                | Consulting Services                           | \$2,100   | SBE  |                              |
| Name: <u>PHYSIS Environmental Laboratory</u><br>Address: <u>1904 E. Wright Circle</u><br>City: <u>Anaheim</u> State: <u>CA</u><br>Zip: <u>92806</u> Phone: <u>714.602.5320</u>                           | Contractor                                | Laboratory Services                           | \$1,770   | SBE  |                              |

① As appropriate, Consultant shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |



### Consultant Past Participation List

Storm Water Monitoring & Reporting Management Service

② As appropriate, Consultant shall indicate if Subcontractor or Supplier is certified by:

|  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

**The Consultant will not receive any points for past subcontracting participation percentages if the Consultant fails to submit the required proof of certification.**



Storm Water Monitoring & Reporting Management Service



City of San Diego  
**EQUAL OPPORTUNITY CONTRACTING PROGRAM (EOCP)**  
1010 Second Avenue • Suite 1400 • MS 614C • San Diego, CA 92101  
Phone: (619) 533-3450 • Fax: (619) 533-3633  
**WORK FORCE REPORT**

**ADMINISTRATIVE**

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 (WFR)*.

**CONTRACTOR IDENTIFICATION**

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

Name of Company: Weston Solutions, Inc.

AKA/DBA: WESTON®

Address (Corporate Headquarters, where applicable): 1400 Weston Way

City West Chester County Chester State Pennsylvania Zip 19380-2653

Telephone Number: (610) 701-3000 FAX Number: (610) 701-3186

Name of Company CEO: William L. Robertson

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

Address: 5817 Dryden Place, Suite 101

City Carlsbad County San Diego State California Zip 92008

Telephone Number: (760) 795-6900 FAX Number: (760) 931-1580

Type of Business: Corporation Type of License: (Carlsbad, California) 1218465

The Company has appointed: Lisa Friday

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: 1400 Weston Way, West Chester, PA 19380-2653

Telephone Number: (610) 701-3157 FAX Number: (610) 701-3795

- One San Diego County (or Most Local County) Work Force - Mandatory
- Branch Work Force \*
- Managing Office Work Force

*Check the box above that applies to this WFR.*

*\*Submit a separate Work Force Report for all participating branches. Combine WFRs if more than one branch per county.*

I, the undersigned representative of Weston Solutions, Inc.

(Firm Name)

San Diego, California hereby certify that information provided

(County)

(State)

herein is true and correct. This document was executed on this 24th day of May, 2013.

*Lisa Marie Kay*  
(Authorized Signature)

Lisa Marie Kay

(Print Authorized Signature)



**WORK FORCE REPORT** – NAME OF FIRM: Weston Solutions, Inc. DATE: May 24, 2013

OFFICE(S) or BRANCH(ES): Carlsbad, California COUNTY: San Diego

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

| OCCUPATIONAL CATEGORY  | (1)<br>Black |     | (2)<br>Hispanic |     | (3)<br>Asian |     | (4)<br>American Indian |     | (5)<br>Filipino |     | (6)<br>White |     | (7)<br>Other Ethnicities |     |
|------------------------|--------------|-----|-----------------|-----|--------------|-----|------------------------|-----|-----------------|-----|--------------|-----|--------------------------|-----|
|                        | (M)          | (F) | (M)             | (F) | (M)          | (F) | (M)                    | (F) | (M)             | (F) | (M)          | (F) | (M)                      | (F) |
| Management & Financial | 0            | 0   | 1               | 0   | 0            | 1   | 0                      | 0   | 0               | 0   | 1            | 4   | 0                        | 0   |
| Professional           | 0            | 0   | 0               | 0   | 0            | 1   | 0                      | 0   | 0               | 0   | 2            | 0   | 0                        | 0   |
| A&E, Science, Computer | 0            | 0   | 0               | 1   | 0            | 2   | 0                      | 0   | 0               | 0   | 3            | 6   | 0                        | 0   |
| Technical              | 0            | 0   | 0               | 0   | 0            | 0   | 1                      | 0   | 0               | 0   | 5            | 3   | 0                        | 0   |
| Sales                  | 0            | 0   | 0               | 0   | 0            | 0   | 0                      | 0   | 0               | 0   | 1            | 1   | 0                        | 0   |
| Administrative Support | 0            | 0   | 0               | 0   | 0            | 0   | 0                      | 0   | 0               | 0   | 0            | 5   | 0                        | 0   |
| Services               | 0            | 0   | 0               | 0   | 0            | 0   | 0                      | 0   | 0               | 0   | 0            | 0   | 0                        | 0   |
| Crafts                 | 0            | 0   | 0               | 0   | 0            | 0   | 0                      | 0   | 0               | 0   | 0            | 0   | 0                        | 0   |
| Operative Workers      | 0            | 0   | 0               | 0   | 0            | 0   | 0                      | 0   | 0               | 0   | 0            | 0   | 0                        | 0   |
| Transportation         | 0            | 0   | 0               | 0   | 0            | 0   | 0                      | 0   | 0               | 0   | 0            | 0   | 0                        | 0   |
| Laborers*              | 0            | 0   | 0               | 0   | 0            | 0   | 0                      | 0   | 0               | 0   | 0            | 0   | 0                        | 0   |

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

|                    |   |   |   |   |   |   |   |   |   |   |    |    |   |   |
|--------------------|---|---|---|---|---|---|---|---|---|---|----|----|---|---|
| Totals Each Column | 0 | 0 | 1 | 1 | 0 | 4 | 1 | 0 | 0 | 0 | 12 | 19 | 0 | 0 |
|--------------------|---|---|---|---|---|---|---|---|---|---|----|----|---|---|

Grand Total All Employees

38

Indicate by Gender and Ethnicity the Number of Above Employees Who Are Disabled

|          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Disabled | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

Non-Profit Organizations Only:

|                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Board of Directors |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Volunteers         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Artists            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|   |                    |
|---|--------------------|
| DOCKET SUPPORTING INFORMATION<br>CITY OF SAN DIEGO                                | DATE:              |
| <b>EQUAL OPPORTUNITY CONTRACTING PROGRAM EVALUATION</b>                           | September 26, 2013 |
| SUBJECT: Authorize an agreement for Storm Water Monitoring and Reporting Services |                    |

**GENERAL CONSULTANT INFORMATION**

Recommended Consultant: Weston Solutions, Inc. (OBE)

**Amount of this Action:** \$ **90,000. (FY14)**  
 Total Contract Amount: \$ 575,000. (Not to Exceed)

Funding Source: City of San Diego

Goals: 20.0% Voluntary (SLBE/ELBE)

**SUBCONTRACTOR PARTICIPATION**

|  | <u>Amount</u>      | <u>Percent</u> |
|--|--------------------|----------------|
| Environmental Science Associates (OBE) | \$ 57,500.         | 10.00%         |
| Laboratory Data Consultants Inc (OBE)  | \$ 28,750.         | 5.00%          |
| Mikhail Ogawa Engineering (DBE/ELBE)   | \$ 115,000.        | <b>20.00%</b>  |
| <u>URS Corp (OBE)</u>                  | <u>\$ 57,500.</u>  | <u>10.00%</u>  |
| <b>Total Certified Participation</b>   | <b>\$ 115,000.</b> | <b>20.00%</b>  |
| Total Non Certified Participation      | \$ 143,750.        | 25.00%         |
| Total Subcontractor Participation      | \$ 258,750.        | 45.00%         |

**EQUAL EMPLOYMENT OPPORTUNITY COMPLIANCE**

Equal Opportunity: Required

Weston Solutions, Inc submitted a Work Force Report for their Los Angeles employees dated May 24, 2013, with a total of 48 employees in their Administrative Work Force. The Administrative Work Force indicates underrepresentation in the following categories:

- Hispanic, Asian, Filipino, and Female in Technical
- Hispanic in Administrative Support
- Filipino in A & E, Science, Computer

Weston Solutions, Inc has an approved EO Plan on file dated September 26, 2013. Staff will continue to monitor the firm's effort to implement their plan. This agreement is subject to the City's Equal Opportunity Contracting (San Diego Ordinance No. 18173, Section 22.2701 through 22.2708) and Non-Discrimination Ordinance (San Diego Municipal Code Sections 22.3501 through 22.3517).

**ADDITIONAL COMMENTS**

Contract No. H135955

RW

The City of San Diego  
**COMPTROLLER'S CERTIFICATE**

**CERTIFICATE OF UNALLOTTED BALANCE**

ORIGINATING DEPT. NO. CC 3000006425

I HEREBY CERTIFY that the money required for the allotment of funds for the purpose set forth in the foregoing resolution is available in the Treasury, or is anticipated to come into the Treasury, and is otherwise unallotted.

Amount: \_\_\_\_\_

Purpose: \_\_\_\_\_

Date: \_\_\_\_\_ By: \_\_\_\_\_

COMPTROLLER'S DEPARTMENT

| ACCOUNTING DATA |      |                |                |                 |             |               |             |     |                 |
|-----------------|------|----------------|----------------|-----------------|-------------|---------------|-------------|-----|-----------------|
| Doc. Item       | Fund | Funded Program | Internal Order | Functional Area | G/L Account | Business Area | Cost Center | WBS | Original Amount |
|                 |      |                |                |                 |             |               |             |     |                 |
|                 |      |                |                |                 |             |               |             |     |                 |
|                 |      |                |                |                 |             |               |             |     |                 |
|                 |      |                |                |                 |             |               |             |     |                 |
| TOTAL AMOUNT    |      |                |                |                 |             |               |             |     |                 |

FUND OVERRIDE

**CERTIFICATION OF UNENCUMBERED BALANCE**

I HEREBY CERTIFY that the indebtedness and obligation to be incurred by the contract or agreement authorized by the hereto attached resolution, can be incurred without the violation of any of the provisions of the Charter of the City of San Diego; and I do hereby further certify, in conformity with the requirements of the Charter of the City of San Diego, that sufficient moneys have been appropriated for the purpose of said contract, that sufficient moneys to meet the obligations of said contract are actually in the Treasury, or are anticipated to come into the Treasury, to the credit of the appropriation from which the same are to be drawn, and that the said money now actually in the Treasury, together with the moneys anticipated to come into the Treasury, to the credit of said appropriation, are otherwise unencumbered.

Not to Exceed: \$90,000.00

Vendor: Weston Solutions

Purpose: Authorizing the Council Pres., in his capacity under Charter sec. 265(i), or his designee, to execute an agreement with Weston Solns. For Storm Water Monitoring & Reporting. Authorize the expenditure in an amount not to exceed \$90,000 from FY14 TSW operating budget to provide funds for the agreement contingent upon Comptroller's certifying that funds are available.

Date: October 15, 2013 By: Elena Padilla

COMPTROLLER'S DEPARTMENT

| ACCOUNTING DATA |        |                |                |                  |             |               |             |     |                 |
|-----------------|--------|----------------|----------------|------------------|-------------|---------------|-------------|-----|-----------------|
| Doc. Item       | Fund   | Funded Program | Internal Order | Functional Area  | G/L Account | Business Area | Cost Center | WBS | Original Amount |
| 001             | 100000 |                |                | OTHR-00000000-SH | 512059      | 2116          | 2116121214  |     | \$90,000.00     |
|                 |        |                |                |                  |             |               |             |     |                 |
|                 |        |                |                |                  |             |               |             |     |                 |
|                 |        |                |                |                  |             |               |             |     |                 |
| TOTAL AMOUNT    |        |                |                |                  |             |               |             |     | \$90,000.00     |

FUND OVERRIDE