



*Los Angeles Gateway Region
Integrated Regional Water Management
Joint Powers Authority*

AGENDA

**Regular Meeting of the Board of Directors
Thursday, July 14, 2022 at 12:00 PM**

**Meeting Remote Location
via WebEx**

<https://koaconsultinginc.my.webex.com/koaconsultinginc.my/j.php?MTID=mb207596571e63693248e40cc5f495770>

**or via phone
1-415-655-0001**

Meeting number: 2559 928 5341

Password: 2APvHQ3c734 (22784732 from phones or video systems)

(There will be no physical attendance at Progress Park)

1. Roll Call

2. Determination of a Quorum

3. Additions to Agenda (Govt. Code Sec. 54954.2(b))

4. Oral Communications to the Board

This is an opportunity for members of the public to address the Board on any item under the jurisdiction of the agency. Depending upon the subject matter, the Board may be unable to respond until the item can be posted on the agenda at a future meeting in accordance with provisions of the Brown Act.

5. Consent Calendar: (Acted as one item unless withdrawn by request)

- a. Minutes of the Board Meeting of June 9, 2022 (Enclosure).
- b. Approve the Warrant Register for July 2022 (Enclosures).
- c. Receive and File the Updated Expenditures for Legal Counsel Services (Enclosure).
- d. Reconsider the circumstances of the COVID-19 state of emergency; and at least one of the following circumstances exist:
 - 1) The COVID-19 state of emergency continues to directly impact the ability of Board Members to meet safely in person; or
 - 2) State and local officials continue to recommend measures to promote social distancing.

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- 6. Discussion/Action Regarding the Fourth Amendment to Professional Services Agreement with CWE Corporation Relating to Implementation of the Los Angeles River Upper Reach 2 Coordinated Integrated Monitoring Program**
 - a. Approve the Fourth Amendment to the PSA between GWMA and CWE Corporation for the LAR UR2 Watershed Group.
 - b. Authorize the Chair to execute the Fourth Amendment to the PSA with CWE Corporation.
- 7. GWMA Regional Project Development/Grant Writing Updates**
 - a. Recycled Water –by Yoshi Anderson (Geosyntec Consultants)
- 8. Safe Clean Water Program – Oral Report**
 - a. Lower San Gabriel River “LSGR” WASC Chair – Melissa You
 - b. Lower Los Angeles River “LLAR” WASC Chair – Gina Nila
- 9. Executive Officer’s Oral Report**
- 10. Directors’ Oral Comments/Reports**
- 11. Adjournment to Regular Board Meeting on August 11, 2022.**

NOTICE: GWMA will hold Board Meetings via video conference to meet social distancing recommendations or meet in person at its regular location at Progress Park in Paramount, depending on recommendations from local and State officials. The physical location or video-conference information will be posted with each Board Agenda which can be found at www.gatewaywater.org 72 hours in advance of the meeting.

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**MINUTES OF THE GATEWAY WATER MANAGEMENT AUTHORITY
LOS ANGELES GATEWAY REGION
INTEGRATED REGIONAL WATER MANAGEMENT JOINT POWERS AUTHORITY
BOARD
VIA VIDEO CONFERENCING
THURSDAY, JUNE 9, 2022**

A regular meeting of the Board of Directors of the Gateway Water Management Authority was held on Thursday, June 9, 2022 at 12:00 p.m. via WebEx and Phone Conference.

Chair Adriana Figueroa called the meeting to order at 12:13 p.m. Roll was called by Executive Officer Grace Kast and a quorum of the Board was declared.

BOARD MEMBERS PRESENT:

Gabino Luna (alternate)	Bell
Grissel Chavez	Bell Gardens
Len Gorecki	Bellflower
Alex Rojas	Central Basin Municipal Water District
Mike O'Grady	Cerritos
Aaron Hernandez Torres	Cudahy
Dan Mueller	Downey
Cesar Roldan	Huntington Park
Mark Stowell	La Mirada
Kelli Pickler	Lakewood
Melissa You	Long Beach
Diana Tang	Long Beach Water Dept.
Lorry Hempe	Lynwood
Adriana Figueroa	Paramount
Kenner Guerrero (alternate)	Pico Rivera
Dylan Porter (alternate)	Port of Long Beach
Sarina Morales Choate (alternate)	Santa Fe Springs
Thomas Bekele	Signal Hill
Gladis Deras (alternate)	South Gate
Margarita Beltran (alternate)	Vernon
Esther Rojas (alternate)	Water Replenishment District
Vicki Smith	Whittier

STAFF AND GUESTS ON SIGN-IN SHEET:

Grace Kast	Executive Officer
Traci Gleason	Program Administrative Manager
Nicholas Ghirelli	Legal Counsel
Isabelle Guido	Central Basin Municipal Water District
Derwin Dy	Lakewood
Derek Nguyen	Lakewood
Aimee Zhao	Water Replenishment District
Melissa Bahmanpour	RMC

ITEM 3 - ADDITIONS TO THE AGENDA

None.

ITEM 4 - ORAL COMMUNICATIONS TO THE BOARD

None.

ITEM 5 - CONSENT CALENDAR

Director A. Rojas moved to approve the consent calendar.

The motion was seconded by Director Deras and was approved by the following voice vote:

AYES: Luna, Chavez, A. Rojas, O’Grady, Hernandez-Torres, Roldan, Stowell, Pickler, You, Tang, Hempe, Figueroa, Guerrero, Porter, Morales-Choate, Bekele, Deras, Beltran, E. Rojas, Smith.

NOES: None.

ABSTAIN: Gorecki, Mueller (Minutes only).

ITEM 6 – GWMA MEMBERSHIP REDUCED DUES FOR FY 2022-2023

The Board previously adopted a membership dues policy in 2017 that defined the eligibility requirements for reduced dues for JPA Members. The cities of Artesia, Bell, Cudahy and Maywood currently have memberships with reduced dues. These same four entities submitted their applications with supporting documents for reduced membership dues for fiscal year 2022-2023.

The four agencies qualified for reduced dues. The eligible agencies with the recommended membership dues per the adopted policy for Fiscal Year 2022-2023 are as follows:

City of Artesia	\$7,500
City of Bell	\$7,500
City of Cudahy	\$7,500
City of Maywood	\$7,000

These amounts would be granted for one year to each agency and will be re-considered for the next fiscal year.

Director E. Rojas motioned to approve the reduced dues for the four eligible cities. The motion was seconded by Director Chavez and was approved by the following voice vote:

AYES: Luna, Gorecki, Chavez, A. Rojas, O’Grady, Hernandez-Torres, Mueller, Roldan, Stowell, Pickler, You, Tang, Hempe, Figueroa, Guerrero, Porter, Morales-Choate, Bekele, Deras, Beltran, E. Rojas, Smith.

NOES: None.

ABSTAIN: None.

ITEM 7 – GWMA OPERATING BUDGET

Executive Officer Grace Kast provided a brief overview of the proposed operating budget for FY 2022-2023, which was discussed in great detail at the budget workshop that was held in May 2022.

The proposed budget for FY 2022-2023 reflects actual costs and projections through the end of the current fiscal year. In doing so, staff anticipates an FY 2022-2023 Ending Fund Balance of \$741,066.

In support of the budget, staff recommended the annual membership dues for FY 2022-2023 remain at \$15,000, except for the agencies that had been approved by the Board for reduced dues. Dues from member agencies are expected to be \$404,500 in FY 2022-2023. This administrative budget does not include MOU project costs or grant project costs. However, it does reflect the administrative and legal costs associated with those programs.

Director A. Rojas motioned to approve the annual membership dues of \$15,000, except for the agencies that had been approved by the board for reduced dues, and to adopt the GWMA FY 2022-2023 Operating Budget. The motion was seconded by Director Gorecki and was approved by the following voice vote:

AYES: Luna, Gorecki, Chavez, A. Rojas, O’Grady, Hernandez-Torres, Mueller, Roldan, Stowell, Pickler, You, Tang, Hempe, Figueroa, Guerrero, Porter, Morales-Choate, Bekele, Deras, Beltran, E. Rojas, Smith.

NOES: None.

ABSTAIN: None.

ITEM 13 – EXECUTIVE OFFICER’S ORAL REPORT

None.

ITEM 14 – DIRECTORS’ ORAL COMMENTS/REPORTS

None.

The meeting adjourned at 12:26 p.m.

The next regular Board Meeting of the Directors of the Gateway Water Management Authority will be on Thursday, July 14, 2022 at 12:00 p.m. The meeting will be held via video conference to meet social distancing recommendations or will be held in person at its regular location at Progress Park in Paramount, depending on recommendations from local and State officials. The physical location or video conference information will be posted with each Board Agenda which can be found at www.gatewaywater.org 72 hours in advance of the meeting.

Adriana Figueroa, Chair

Date



*Los Angeles Gateway Region
Integrated Regional Water Management
Joint Powers Authority*

July 14, 2022

AGENDA ITEM 5b – Approve the Warrant Register for July 2022

SUMMARY:

The Warrant Register is a listing of general checks issued since the last warrant register. Warrants will be signed by 2 of the 3 Board Officers and released by Traci Gleason, serving as the Administrative/Accounting Manager of the Gateway Water Management Authority, upon Board Approval.

DISCUSSION:

The Warrant Register for expenditures dated July 2022 in the amount of \$128,681.24 is submitted for approval. Invoices and supporting documentation are available for review at the office of the GWMA.

FISCAL IMPACT:

The Warrant Register totals \$128,681.24. Funds to cover payment are available in the GWMA budget.

RECOMMENDATION:

Approve the Warrant Register for July 2022.

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WARRANT REGISTER
DISBURSEMENT JOURNAL
July 2022

Invoice Date	Vendor	Invoice Number	Description	Amount	
5/30/2022	Alliant Insurance Services	1973970	22-23 ACIP Crime Renewal	\$ 1,216.00	✓
6/1/2022	California Stormwater Quality Association (CASQA)	06-01-2022	One-year Membership	\$ 2,820.00	✓
6/1/2022	City of Paramount	4814	Office lease (June 2022)	\$ 390.72	✓
7/1/2022	City of Paramount	4831	Office lease (July 2022)	\$ 390.72	✓
6/28/2022	Clifton Larson Allen	3330008	Accounting Support (May 2022)	\$ 1,500.00	✓
6/30/2022	Craftwater Engineering, Inc.	20-099.05	SCWP Gap Phase 1 - LLAR (June 2022)	\$ 2,660.00	✓
6/30/2022	Craftwater Engineering, Inc.	20-100.05	SCWP Gap Phase 1 - LSGR (June 2022)	\$ 2,660.00	✓
6/7/2022	CWE	22246	LARUR2 (May 2022)	\$ 26,593.91	✓
6/30/2022	Gateway Cities Council of Governments	6-30-2022	Office Supplies (June 2022)	\$ 100.00	✓
6/16/2022	Geosyntec Consulting	475538	GWMA Grant Funding (May 2022)	\$ 1,003.37	✓
6/6/2022	Harris & Associates	52949	GWMA Grant Funding (May 1-28, 2022)	\$ 5,580.00	✓
6/17/2022	John L Hunter and Associates, Inc.	GWM1LLA12205	LLAR WMP (May 2022)	\$ 14,866.25	✓
6/30/2022	Koa Consulting, Inc.	K114-01-56	COG Water-Related Coordination Activities and Executive Officer Services, DAC Chair and DACIP Co-Chair ^{June} (May 2022)	\$ 33,908.00	✓
6/21/2022	Richards Watson Gershon	237613	Legal Services - General (through May 31, 2022)	\$ 1,150.00	✓
6/15/2022	Richard Watson & Associates	22-192-003-006	LCC WMP CIMP (May 2022)	\$ 33,842.27	✓
Total				\$ 128,681.24	

Reviewed and Approved by:


Thomas Bekele, Signal Hill



*Los Angeles Gateway Region
Integrated Regional Water Management
Joint Powers Authority*

July 14, 2022

AGENDA ITEM 5c – Status of Total Legal Expenditures for General Legal Counsel Services for Fiscal Year 2021-2022

SUMMARY:

At the Board meeting in June 2021, the Board approved the budget for legal counsel services of \$30,500 for Fiscal Year (FY) 2021-2022 to address legal issues. The Board has previously directed staff to provide monthly updates on total expenditures for legal counsel services.

Legal Counsel Services Update:

\$ 30,500.00	FY 2021-2022 Budget amount for Legal Counsel services
<u>\$ 5,822.87</u>	Expenditures for Legal Counsel services through May 31, 2022
\$ 24,677.13	Remaining budget amount available through June 30, 2022

FISCAL IMPACT:

The total expenditures for Legal Counsel services for FY 2021-2022 through May 31, 2022 total \$5,822.87. Sufficient funds to cover payment for legal counsel services are remaining in the GWMA FY 2021-2022 budget.

RECOMMENDATION:

Receive and file the status the updated expenditures for Legal Counsel Services.

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July 14, 2022

AGENDA ITEM 6 – Discussion/Action Regarding the Fourth Amendment to the Professional Services Agreement with CWE Corporation Relating to Implementation of the Los Angeles Upper Reach 2 Coordinated Integrated Monitoring Program and Permit Reporting Services.

SUMMARY:

The Los Angeles River Upper Reach 2 (LAR UR2) Watershed group is requesting GWMA to amend the Professional Services Agreement (PSA) with CWE Corporation to provide Municipal Separate Storm Sewer System (MS4) National Pollutant Discharge Elimination System (NPDES) Permit services including Coordinated Integrated Monitoring Program (CIMP) implementation services from July 1, 2022 through June 30, 2027, and semi-annual Watershed Management Program (WMP) Progress and Annual Permit Reporting through 2027, and to increase compensation for the additional services.

BACKGROUND:

In February 2015, GWMA entered into a PSA with CWE Corporation as recommended by the LAR UR2 Watershed Group for the implementation of the LAR UR2 WMA CIMP for work to be completed during Fiscal Year (FY) 2014/2015 and FY 2015/2016.

The first amendment to the PSA was executed in February 2016 to extend the PSA terms through February 19, 2018.

The second amendment to the PSA was executed in April 2018 to extend the PSA term through December 31, 2019, amend the scope of services to include LAR UR2 WMA CIMP implementation services from January 1, 2018 through June 30, 2019, with the results of those efforts reported to LARWQCB by December 2019, and to increase compensation for the additional services.

The third amendment to the PSA was executed in November 2019 to extend the PSA term of the WMA CIMP implementations through June 30, 2022, with the efforts to prepare and submit the annual report to LARWQCB by December 15, 2022, and to increase compensation for the additional services.

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The LAR UR2 Watershed group now wishes to amend the Professional Services Agreement to:

- 1) Amend the Scope of Work in Exhibit A of the Agreement to include MS4 NPDES Permit services as well as CIMP Plan implementation from July 1, 2022 through June 30, 2027, and semi-annual WMP Progress and Annual Permit Reporting through December 31, 2027; and
- 2) Increase the consideration paid to CWE Corporation by a total not to exceed amount of One Million Five Hundred Fifty-Five Thousand Seven Hundred Eighty Dollars and Zero Cents (\$1,555,780.00).

FISCAL IMPACT:

Legal and Staff Time to prepare amendment for Board approval and on-going administrative and legal services which are paid from annual fees collected by GWMA for Administrative Costs.

RECOMMENDATION:

- a. Approve the Fourth Amendment to the PSA between GWMA and CWE Corporation for the LAR UR2 Watershed Group.
- b. Authorize the Chair to execute the Fourth Amendment to the PSA with CWE Corporation.

Adriana Figueroa (Paramount), Board Chair • Kelli Pickler (Lakewood), Vice-Chair • Thomas Bekele (Signal Hill), Secretary/Treasurer
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**FOURTH AMENDMENT TO THE AGREEMENT BETWEEN THE GATEWAY WATER
MANAGEMENT AUTHORITY AND CWE CORPORATION FOR THE LOS ANGELES
RIVER UPPER REACH 2 WATERSHED GROUP**

THIS FOURTH AMENDMENT to that certain Professional Services Agreement for Implementation of the Los Angeles River Upper Reach 2 Coordinated Integrated Monitoring Program (PSA) by and between the Los Angeles Gateway Region Integrated Regional Water Management Joint Powers Authority, also referred to as the Gateway Water Management Authority (GWMA), and CWE Corporation, a CALIFORNIA CORPORATION ("Consultant"), is made and entered into as of July 1, 2022. In consideration of the mutual covenants and conditions set forth herein, the Parties agree as follows:

1. Recitals. This Fourth Amendment is made with respect to the following facts and purposes:
 - a. On February 19, 2015, the GWMA and Consultant entered into the PSA for implementation of the Los Angeles River Upper Reach 2 Watershed Management Area (LAR UR2 WMA) Coordinated Integrated Monitoring Program (CIMP) in the amount of Two Hundred Forty Thousand Dollars (\$240,000.00) for work to be completed during Fiscal Year 2014/15 and Two Hundred Ninety-Seven Thousand Two Hundred Five Dollars (\$297,205.00) for work to be completed during Fiscal Year 2015/16.
 - b. Pending Los Angeles Regional Water Quality Control Board (LARWQCB) Executive Officer approval of the LAR UR2 WMA CIMP Plan, the GWMA approved a First Amendment to the PSA on February 11, 2016. This First Amendment extended the PSA's term through February 19, 2018.
 - c. On February 19, 2016, the LARWQCB Executive Officer approved the LAR UR2 WMA CIMP Plan, allowing water quality monitoring work originally planned to begin during Fiscal Year 2014/15 to start in Fiscal Year 2016-17.
 - d. On April 12, 2018, the GWMA approved a Second Amendment to the PSA to extend the PSA's term through December 31, 2019, increase the consideration paid to Consultant to a total not to exceed amount of One Million Nine Hundred Fourteen Thousand Nine Hundred Ninety-Six Dollars and Ten Cents (\$1,914,996.10), and amend the scope of services to include LAR UR2 WMA CIMP implementation services from January 1, 2018 through June 30, 2019, with the results of those efforts reported to the LARWQCB by December 2019.
 - e. On November 14, 2019, The GWMA approved a Third Amendment to extend the PSA's term through December 15, 2022, increase the

consideration paid to Consultant by a total not to exceed amount of One Million One Hundred Forty-Two Thousand Six Hundred Eleven Dollars and Zero Cents (\$1,142,611.00), and amend the scope of services to include LAR UR2 WMA CIMP implementation services from July 1, 2019 through June 30, 2022, with the results of those efforts to be annually reported to the LARWQCB by December 15.

- f. The LAR UR2 WMA Permittees continue to be satisfied with CIMP Implementation progress and have directed the Consultant to continue work.
 - g. The purpose of this Fourth Amendment is to extend the PSA's term through December 15, 2027, increase the consideration paid to Consultant by a total not to exceed amount of One Million Five Hundred Fifty-Five Thousand Seven Hundred Eighty Dollars and Zero Cents (\$1,555,780.00), and amend the scope of services to include LAR UR2 WMA CIMP implementation services from July 1, 2022 through June 30, 2027, with the results of those efforts to be annually reported to the LARWQCB by December 15, preparation of one project grant funding application annually through 2027, and all other Annual Tasks and Permit Term Tasks, as detailed in Exhibit A .
 - h. Upon execution of this Fourth Amendment, the PSA's total not to exceed amount for all services performed under the PSA will be Four Million Six Hundred Thirteen Thousand Three Hundred Eighty Seven Dollars and Ten Cents (\$4,613,387.10).
2. Section 3 of the Agreement entitled "TIME FOR PERFORMANCE" is hereby amended to read as follows:

"The term of this Agreement shall commence on the effective date of this Agreement and shall expire on December 31, 2027, unless terminated earlier in accordance with the terms of this Agreement or extended by the GWMA Governing Board."

3. The first paragraph of Section 6 of the PSA entitled "COMPENSATION AND METHOD OF PAYMENT" is hereby amended to read as follows:

"GWMA shall pay Consultant, for the Services performed:

A not to exceed amount of Four Million Six Hundred Thirteen Thousand Three Hundred Eighty Seven Dollars and Ten Cents (\$4,613,387.10) for all Services performed under this Agreement and identified in Exhibit A, unless authorized by the GWMA and approved as an amendment to this Agreement. Of this amount, One Million Five Hundred Fifty-Five Thousand Seven Hundred Eighty Dollars and Zero

Cents (\$1,555,780.00) is authorized for the Services specifically identified in Exhibit A of the Fourth Amendment to this Agreement, in accordance with the fee schedule included therein.”

4. Exhibit A to the PSA is hereby amended to include Attachment “A” to this Fourth Amendment, which is attached hereto and incorporated herein as though set forth in full.
5. Except for the changes specifically set forth herein, all other terms and conditions of the PSA shall remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have caused this Fourth Amendment to the PSA to be executed on the day and year first above written.

GWMA

Consultant

Gateway Water Management Authority

CWE Corporation

By: _____
Adriana Figueroa, GWMA Chair

By: _____
Jason Pereira, Principal

APPROVED AS TO FORM:

By: _____
Vik Bapna, Principal

By: _____
Nicholas Ghirelli
General Counsel

(Note that two signatures are required for corporations pursuant to California Corporations Code Section 313.)

Attachment “A”

Scope of Services and Fee Schedule
Fourth Amendment to PSA for LA River Upper Reach 2 CIMP

**CWE**

1561 E. ORANGETHORPE AVENUE
SUITE 240
FULLERTON, CA 92831-5202
(714) 526-7500 PHONE
(714) 526-7004 FAX
www.cwecorp.com

May 23, 2022

Ms. Grace Kast, Executive Officer
Gateway Water Management Authority
16401 Paramount Blvd.
Paramount, CA 90723

Subject: Proposal to Provide CIMP Water Quality Monitoring and Permit Reporting Services

Dear Ms. Kast,

As requested by the Los Angeles River Upper Reach 2 Watershed Management Area (LAR UR2 WMA) cities of Bell, Bell Gardens, Commerce, Cudahy, Huntington Park, Maywood, Vernon, and the Los Angeles County Flood Control District (LACFCD), CWE proposes to contract with the Gateway Water Management Authority (GWMA), as fiduciary for the LAR UR2 WMA Permittees, to provide Municipal Separate Storm Sewer System (MS4) National Pollutant Discharge Elimination System (NPDES) Permit services including Coordinated Integrated Monitoring Program (CIMP) Plan implementation from July 1, 2022, through June 30, 2027, and Semi-annual Watershed Management Program (WMP) Progress and Annual Permit Reporting through 2027.

On July 23, 2021, the Los Angeles Regional Water Quality Control Board (LARWQCB), adopted Order No. R4-2021-0105, NPDES Permit No. CAS004004, *Waste Discharge Requirements and National Pollutant Discharge Elimination System (NPDES) Permit for Municipal Separate Storm Sewer System (MS4) Discharges Within the Coastal Watershed of Los Angeles and Ventura Counties*, which became effective September 11, 2021. Among the over eight hundred Permit pages is *Attachment E - Monitoring and Reporting Program* (MRP) which "establishes monitoring, reporting, and recordkeeping requirements". When LARWQCB Water Quality Control, or Basin, Plan Water Quality Objectives (WQO) are attained, and Beneficial Uses supported, Permittees are in a favorable position to assert MS4 Permit compliance; however, water quality monitoring ultimately integrates and assesses the effectiveness of several State and Regional Permits including State Water Resources Control Board (SWRCB) Industrial General (IGP), Construction General (CGP), Caltrans MS4 NPDES Permits, and other local, state, and federal environmental statutes.

Since February 19, 2015, CWE has contracted with the GWMA, on behalf of the LAR UR2 WMA Permittees, for CIMP Plan implementation, compliance reporting, and other professional services. CWE prepared the, August 13, 2015, LARWQCB Executive Officer approved, LAR UR2 WMA WMP Plan, the, February 12, 2016, approved, CIMP Plan, the June 30, 2021, draft revised WMP Plan, and the September 10, 2021, draft Trash Monitoring Reporting Plan (TMRP). On February 25, 2022, when most Los Angeles County Permittees were noticed of a "Loss of Deemed Compliance Status", the LARWQCB invited the LAR UR2 WMA to document its continued "Deemed Compliance Status", which CWE staff successfully submitted on March 28, 2022. CWE greatly appreciates this invitation to continue providing the LAR UR2 WMA Permittees with strategic, cost-effective, water quality monitoring and data, WMP implementation, and Permit compliance reporting.

Sincerely,

Gerald Greene, DEnv, PE, QEP, QSDP
CWE, Director Stormwater

1. Annual Tasks

Tasks identified in this section would be performed annually, without significant variation, up to five times during the potential five-year term of the Professional Service Agreement (PSA). The CWE Project Manager and staff would assist the LAR UR2 WMA Permittee representatives in effective and strategic continuing WMP and CIMP Plan implementation, so that these tasks are completed by the required submission dates and within task budget. These tasks include project administration, scheduling, budget tracking, invoicing, meetings, encroachment permitting, weather tracking, interagency and analytical laboratory coordination, and providing general MS4 Permit regulatory guidance. Using timely, concise, communications and efficient project management strategies, CWE will assist the LAR UR2 WMA Permittee representatives in making strategic, prioritized, and cost-effective WMP and CIMP Plan implementation and reporting decisions.

1.1 Conduct LAR UR2 WMA and Attend Other Meetings

The CWE Project Manager will remotely conduct up to six (6) LAR UR2 WMA representative meetings, between July first and June thirty of each year, likely during the afternoon of the third Monday of each odd numbered month. The CWE Project Manager will regularly communicate with the LAR UR2 WMA Chair, to define meeting objectives, develop a concise draft and final agenda, identify, invite, and engage Permittee representatives, and then summarize the meeting outcome with pertinent action items. Agenda items for discussion will include LAR UR2 WMA WMP and CIMP Plan task implementation, monitoring event outcomes, laboratory findings, Permittee semi- and annual report development coordination and submission, and pertinent LARWQCB, SWRCB, and NPDES Permit regulatory and implementation topics. Draft meeting agendas will be electronically distributed approximately five (5) business days prior to the meeting date and electronic meeting summaries, with priority tasks, provided within five (5) days following the meeting.

The CWE Project Manager, or other staff, will attend up to ten (10) additional designated meetings, during each year, to support the attainment of LAR UR2 WMA Permittee objectives. These may include meetings initiated by the Los Angeles Permit Group (LAPG), LARWQCB or their staff, Los Angeles County or their Consultants, Safe Clean Water Program (SCWP) Lower Los Angeles River (LLAR), or other watershed area, Watershed Area Steering Committee (WASC), GWMA Board, State Water Resources Control Board (SWRCB), United States Environmental Protection Agency (USEPA), other WMP Group, South California Coastal Water Research Project (SCCWRP), LAR UR2 WMA City Council, or non-governmental organization (NGO) stakeholders, to facilitate WMP and CIMP implementation, semi-annual, or annual, Permit Reporting tasks. The outcome of these meeting will be summarized at the following LAR UR2 WMA meeting and used in preparing LARWQCB Board response, comment, or position letters, analyses, and necessary reports.

1.2 Water Quality CIMP Implementation

In conformance with the LAR UR2 WMA CIMP Plan, approved by the LARWQCB on February 19, 2016, and July 23, 2021, MS4 NPDES Permit, CWE will conduct receiving water quality monitoring at the Los Angeles River (LAR) Reach 1 LARUR2-RW site for three (3), forecast as qualifying, storm and two (2) dry-weather events, during the July first to following June thirtieth 2022-23 and 2023-24 MS4 Permit reporting periods. At the Rio Hondo Reach 1 LARUR2-RHO fixed monitoring site, receiving water wet chemistry and *E. coli* bacteria, but not toxicity bioassays, would be collected annually for three (3), forecast as qualifying, storm and two (2) dry-weather events, when hydraulic continuity exists to the Los Angeles River confluence; otherwise, the reach is functionally an extension of the lined MS4, and this discharge will not be monitored. Two (2), of the six (6), LAR stormwater outfalls, LARUR2-DRO, LARUR2-EO, LARUR2-FWO, LARUR2-NO, LARUR2-NVO, and LARUR2-WO, would be monitored during, each of the three (3), qualifying storm events, resulting in all six (6) outfalls being sampled annually. If autosamplers, and appurtenances, are procured on behalf of the LAR UR2 WMA Permittees, they will remain its property. This proposal section is subject to renegotiation following LARWQCB Executive Officer revised LAR UR2 WMA CIMP Plan approval; however, for proposal purposes, CWE would anticipate providing similar services during the next three storm seasons.

1.3 Laboratory Analyses

Prior to LARWQCB Executive Officer approval of the LAR UR2 WMA revised CIMP Plan, that is to be submitted on March 10, 2023, CWE will continue to follow the existing 2016 CIMP Plan including LAR Total Maximum Daily Load (TMDL) Basin Plan Amendments (BPA) and 2012 MS4 Permit Table E-2 analytes detected during the July 28, and November 20, 2016, monitoring. Since then, the SWRCB substantially increased Environmental Laboratory Accreditation Program (ELAP) certification and Field of Accreditation (FOA) validation requirements, resulting in laboratories reducing the variety of analyses they perform and increasing analysis prices, especially for low volume methods. Table E-6, in the 2021 LARWQCB MS4 NPDES Permit, expanded the "renewal permit" analyte list and lowered "Recommended Reporting Levels (RL)", implying their intent to utilize more sensitive and expensive analytical methods. Fortunately, CWE was able to perform three, with a fourth scheduled in July, of the required Test Species Sensitive Screenings, using existing budgetary resources, eliminating the potential proposal cost.

We propose to continue primarily utilizing Eurofins (Calscience) Analytical Laboratory, in Tustin, for wet chemistry analyses, while specialized trace analytical analyses would be performed at Eurofins sister labs in Sacramento, Lancaster, and Seattle. Some pesticide analyses would likely be performed at Weck Laboratories, in the City of Industry, and only two laboratories are FOA certified in California for Dacthal, one being Physis in Anaheim. Hopefully, these costly trace analyses will only have to be performed in late 2023, during the first dry- and wet-weather critical events following approval of the revised CIMP. Bacteria samples normally have a six, and no more than eight, hour analytical hold time, while storm runoff collection is inherently unpredictable. We propose to continue using Enthalpy Analytical, a Montrose Laboratory in the City of Orange, which, for a surcharge, provides afterhours microbial services. Toxicity bioassays would continue to be performed at Aquatic Bioassay and Consulting (ABC) Laboratories in Ventura; while Toxicity Identification Evaluation (TIE) and Toxicity Reduction Evaluation (TRE) assays, which have not previously been needed, may be separately invoiced depending on frequency. So far, CWE has accurately estimated and provided the required monitoring and analytical laboratory services within budget; however, the budget for this proposal task is subject to renegotiation due to escalating analytical laboratory prices, imposed by changing SWRCB ELAP requirements, and March 10, 2023, revised CIMP costs, imposed as a condition of LARWQCB approval, may begin in July 2024.

1.4 Trash Monitoring and Reporting Program (TMRP)

On September 10, 2021, CWE submitted, for LARWQCB review and approval, a draft LAR UR2 WMA Trash Monitoring and Reporting Program (TMRP) Plan with annual assessments at three locations, LARUR2-ELAR and LARUR2-WLAR along the LAR centerline and LARUR2-RHO along the westside of Rio Hondo Reach 1. This Plan excluded an unproductive Pre-Production Plastic Pellet (nurdle) Monitoring and Reporting Program (P4MRP) Plan, that was provided to the Board and never approved. Assuming minor revisions, annual TMRP implementation would commence within thirty days of LARWQCB approval receipt, preferably during the LAR UR2 WMA CIMP July critical low flow period, or in coordination with similar efforts by adjacent WMP Groups. CWE will track weather forecasts, procure trash monitoring and collection equipment, and prepare teams to quantify and collect trash at these three locations. CWE would annually draft a TMRP Report, including City of Bell Gardens, Cudahy, and Maywood prepared Minimum Frequency of Assessment and Collection (MFAC) summaries as an appendix, for mid-October Permittee review, then submit the final version with the LAR UR2 WMA MS4 Permit Annual Compliance Report that is due each December fifteenth.

1.5 Semi-annual WMP Progress and CIMP Data Reports

At the July 23, 2021, MS4 NPDES Permit adoption hearing, after closing the meeting to public comments, enforcement minded Board members added significant new semi-annual WMP Progress and Watershed Control Measure (WCM) documentation and public transparency reporting requirements to the Permit. These expose the Permittees to potentially increased WMP Plan WCM implementation documentation, website development, and translation reporting costs. With these changes, which might engender

additional regulatory, compliance, and enforcement, CWE proposes to shift, from the previously utilized MS Word® template reporting format, to the LACFCD Watershed Reporting Adaptive Management & Planning System (WRAMPS) application, used by a majority of the LARWQCB MS4 Permittees. The LACFCD has offered to embrace the additional reporting requirements within its WRAMPS 2.0 (WRAMPS2) application. Since a majority of the LAR UR2 WMA WMP, WCM, and redevelopment records are retained by the individual cities and their stormwater consultants, CWE staff would notify the Permittee representatives of reporting requirements, provide templates, develop submission schedules, assemble their submissions into a draft semi-annual Progress Report, for revision, then assemble the Final Semi-annual Progress Report for posting and LARWQCB submission, with receipt confirmation.

CWE will continue to collect, convert, and distribute water quality monitoring data for the LAR UR2 WMA Permittees in California Environmental Data Exchange Network (CEDEN) Excel® Workbook style format for LARWQCB submission. Water quality monitoring data collected from January first to June thirtieth will be distributed for Permittee review by the following November fifteenth, and submitted, with confirmation of legibility request, by December fifteenth; data collected from July first to December thirty-first, will be distributed for Permittee review by May fifteenth of the following year, and submitted to the LARWQCB by June fifteenth, along with a confirmation of receipt and legibility request. Two annual electronic data submittals are anticipated, with the first presenting water quality data from the second half of 2022.

1.6 Individual and Monitoring Program Annual Reports

The 2021 LARWQCB MS4 NPDES Permit requires each LAR UR2 WMA Permittee to submit an Individual Annual Report, documenting their July first to June thirtieth Permit Implementation efforts, and LAR Trash TMDL Compliance Report, by December fifteenth of the trailing year. Under this PSA, a report of Permittee activities undertaken from July 1, 2022, to June 30, 2023, would be submitted to the Board on December 15, 2023, with annual reporting potentially continuing through December 15, 2027. Permittee use of the LACFCD WRAMPS2 application would result in LAR UR2 WMA Annual Reports that better track, and can be compared, with those of other LARWQCB MS4 Permittees. Furthermore, the 2021 LARWQCB MS4 NPDES Permit necessitates that Permittees provide, and certify, significantly more agency specific information, reducing the value that CWE previously provided in developing a uniform and coordinated annual report. As an example, the twenty cells of expenditures, has increased to over 200 cells, requiring significant additional internal agency communication and coordination. Going forward we propose that, while Permittee representatives focus on their WRAMPS submission, CWE would produce the Monitoring Program Annual Report and assemble the overall submission. Much of the data to be reported, is being collected by City Staff, or other consultants, making reporting to CWE, for WRAMPS2 input, redundant.

During the Summer and Fall of 2022, CWE will coordinate the LAR UR2 WMA Permittee representatives in transitioning to the 2021 MS4 NPDES Permit Annual Reporting requirements, under the prior CIMP PSA extension,. Assuming timely release, during the Summer of 2022, of the LACFCD WRAMPS2 MS4 NPDES Permit Individual and Monitoring Annual Report application or module, our intent is to utilize that process for reporting; otherwise, we will follow prior report development and submission procedures.

Under this proposed CIMP and Reporting PSA, CWE will annually, through December 2027, track evolving LARWQCB and LACFCD WRAMPS2 MS4 NPDES Permit Individual and Monitoring Annual Report data submission directives, then schedule, assist, coordinate development, Permittee review, and submit the LAR UR2 WMA Report(s) to the LARWQCB. At the mid-September LAR UR2 WMA meeting, CWE will provide the agency representatives with a draft report preparation schedule and blank data development forms, based on Attachment H to the 2021 MS4, in Microsoft Word® format. During the following month, Permittees would complete the WRAMPS2 submittals, while CWE assists in clarifying potential questions. Meanwhile, CWE would prepare the draft Monitoring report, based on the criteria identified in Part XIV.B of Attachment E, of the 2021 LARWQCB MS4 NPDES Permit, including five monitoring event summaries, laboratory quality assurance/quality control (QA/QC) assessments, toxicity result summaries, pollutant

concentration with water quality objectives trend data, a summary of receiving water, and, potentially attributable, stormwater outfall exceedances, including those anticipated in the LAR UR2 WMA WMP Plan. Permittee WRAMP2 draft submittals would generally be expected by CWE, in mid-October, and would be assembled into a draft group report, with monitoring elements prepared by CWE, and returned to the agency representatives during the first week of November, for two weeks of revision in WRAMPS2. CWE would then assemble the final draft during the latter half of November and return the final draft report to the Permittee representatives, by December first, for a one-week final WRAMPS2 revision and certification opportunity. During the second week of December, the agency's WRAMPS2 submittals would be assembled, by CWE, into the final LAR UR2 WMA MS4 NPDES Annual Report, consisting primarily of the Permittee Individual and CWE prepared Monitoring Report for LARWQCB submission, with verification request, December fifteenth. Simultaneously, CWE would use the promised WRAMPS2 application publication and translation functions to comply with those permit reporting requirements.

1.7 Prepare Annual Grant or Funding Application

At LAR UR2 WMA Permittees direction, CWE would prepare at least one project or grant funding application annually through 2027. CWE secured nearly \$10M in State Proposition 1 StormWater Implementation Grant (P1 SWIG) and a similar amount of County SCWP Regional Program Best Management Project (rBMP) support for construction of the LAR UR2 WMA John Anson Ford Park Cistern Project in the of Bell Gardens. County SCWP rBMP project applications appear to have the greatest potential for benefitting the LAR UR2 WMA, however the applications may be thousands of pages long and require the development of numerous engineering design level details. The LAR UR2 WMA currently holds only the Chair, of fifteen seats on LLAR WASC. Agency staff are encouraged to participate on this, project funding, committee, by taking the three, of nine, municipal seats that should be apportioned to the LAR UR2 WMA, which would better support our WMP implementation. These applications are currently due in late July, so group selection of a project to support should begin no later than January group meeting, with project selection by the March meeting. Analysis and application preparation can follow SCWP Municipal Program Transfer Agreement (MPTA) Annual Budget Plan preparation and be completed prior to June semi-annual WMP Progress Reporting.

2. Permit Term PSA Tasks

The following tasks are expected to under taken once during the potential five-year term of the proposed PSA, although LARWQCB review, revision, and approval may result in an extend implementation durations.

2.1 LAR UR2 WMA CIMP Revision

The January 22, 2016, LAR UR2 WMA Final CIMP Plan, prepared by CWE and approved by the LARWQCB Executive Officer on March 22, 2016, identified several strategies that were beneficial to the Permittees. Designating the John Anson Ford Park outfall as a "Fixed" Site, performing both Receiving Water and Outfall monitoring, allowed the LAR UR2 WMA to avoid wet-weather Rio Hondo Receiving Water monitoring and multi-WMP group WQO exceedances resulting from Rio Hondo Spreading Grounds by-pass, of high turbidity flows, by the County. Likewise, during more than half of the dry-weather monitoring events, there was no hydraulic connectivity between this outfall and the LAR, eliminating the need for sample collection. With completion of the twenty-acre foot park cistern in December, and continued Deemed Compliance status, the LAR UR2 WMA has the potential to remain in LAR Metals TMDL compliance through 2027, the term of this PSA. Rotating among six LAR outfalls, as proposed by CWE, reduced outfall monitoring to once per year and avoided the cost and vandalism risk of installing six autosamplers, as required by the 2012 Permit.

Part III.D.1.a, of Attachment E to the 2021 LARWQCB MS4 NPDES Permit, requires the LAR UR2 WMA CIMP Plan to be revised by March 10, 2023, including costly new monitoring and reporting requirements. This includes species specific toxicity testing and lower analyte Reporting Limits (RL), shown on Permit Table E-6, worsened by SWRCB Environmental Laboratory Accreditation Program (ELAP) appropriation and

the Method Update Rule (MUR) implementation, which caused many labs to reduce their analytical offerings and increase pricing. Following Notice To Proceed (NTP) receipt, CWE will begin CIMP revision including the inclusion of potential new cost and regulatory strategy mitigations, such as completing species specificity toxicity testing this summer, so the revised CIMP can include our findings, rather than requiring future revisions and LARWQCB approval. At the January 16, 2023, LAR UR2 WMA meeting, CWE will summarize any outstanding LAR UR2 WMA revised CIMP Plan questions and strategies for resolution, with the Permittee representatives, then provide a draft of the CIMP revision to the Permittee representatives, for a two-week review, on February 1, 2023. The final draft should then be available for a one-week review on February 27, 2023, and timely LARWQCB submission on March 10, 2023. Assuming the receipt of minor LARWQCB comments and reasonable resubmission deadlines, as occurred in 2015, CWE would prepare a thoughtful and considered Response To Comments (RTC) for Permittee consideration, meet once with LARWQCB staff, if necessary, implement the, RTC-based, LARWQCB revisions into the draft plan, and resubmit the final for LARWQCB Executive Officer approval, by the Board identified deadline date.

2.2 Non-Stormwater Outfall-Based Screening

To timely comply with 2012 MS4 NPDES Permit requirements, CWE conducted the LAR UR2 WMA outfall inventory, using the draft CIMP criteria, during the summer of 2015 followed by two non-stormwater (NSW) discharge screening events. Of the one hundred outfalls jurisdictionally within the area, several appeared to be owned by Caltrans or Industrial General Permittee (IGP) facilities; however, actual ownership could not be verified. This information is documented in a Microsoft Excel® Workbook-based database and our priority NSW discharge findings reported as a technical memorandum to the Permittees in early 2016.

CWE will revise the LAR UR2 WMA CIMP Plan, due for LARWQCB submission on March 10, 2023, to include outfall-based 2021 MS4 NPDES Permit required NSW discharge screening criteria and procedures to support the identification of significant authorized, conditionally exempt, natural, and illicit NSW discharges for flow assessment or elimination and pollutant source control. Following LARWQCB Executive Officer approval of the CIMP Plan, NSW discharge significance will be determined based on flow rate, catchment area, frequency of observation, observed characteristics, and water quality monitoring. With the completion of the John Anson Ford Park Cistern project, group Rio Hondo Reach 1 NSW discharges, should evaporate and infiltrate without contributing to current, or legacy, receiving water impairments. Significant prioritized, or repeatedly observed, NSW discharges to Rio Hondo Reach 1 or LAR Reach 2 would be assessed for conditionally exempt discharges and potential Illicit Discharge Detection Elimination (IDDE) sources, of impairment causing pollutants, or monitored for *E. coli* bacteria, zinc, or other observable pollutant(s). During NSW discharge screening, the existing LAR UR2 WMA Outfall-based Database will be used to field verify outfall physical characteristics, then required observational and flow data appended to the database.

During NSW discharge source assessments, CWE will estimate and classify the contribution from potential permitted, prohibited and unknown sources, along with the methods used to identify the potential sources, or to whom and when any agency representative referrals were made, along with the reported outcome. When the discharge originates within an upstream jurisdiction, the Permittee shall inform, in writing, both the upstream jurisdiction and the Los Angeles Water Board, within 30 days of determination of the presence of the discharge, including all available characterization data, contribution determination efforts, and efforts taken to identify its source. An LAR UR2 WMA Geographical Information System (GIS) Stormwater Outfall location map, with MS4 NPDES Permit required attributes derived from generally available data, will result.

2.3 Report of Waste Discharge/Adaptive Management Process

Preparation of the LAR UR2 WMA Report of Waste Discharge (ROWD) will serve at least three purposes: 1) As a LARWQCB MS4 NPDES Permit renewal application; 2) To document progress in implementing and achieving LAR UR2 WMA WMP and LARWQCB regulatory objectives; and 3) To identify potential new and strategic WCMs, through the permit Adaptive Management Process (AMP) in Part IX.E, for inclusion in a

revised WMP and subsequent implementation. On behalf of the Permittees, CWE previously prepared and timely submitted the prior LAR UR2 WMA ROWD on July 1, 2017, which the LARWQCB found to be complete and satisfy Federal NPDES Permit reapplication requirements, as concluded in a November 21, 2017, transmittal. The renewed 2021 LARWQCB MS4 NPDES Permit was issued for a nominal five-year term, through August 10, 2026, subject to administrative extension while the Board adopts its replacement; usually requiring about six additional years. Without permit coverage, storm and conditionally exempt runoff flows are prohibited and subject to potential third party enforcement actions against both the source, such as a resident or business, and the MS4 conveyance operator, such as the LAR UR2 WMA Permittees.

We will initiate the LAR UR2 WMA WMP AMP by evaluating the accumulated CIMP water quality trend data in comparison with LARWQCB Water Quality Control, or Basin, Plan WQOs as identified by the Receiving Water and Water Quality-Based Effluent Limitations (RWLs and WQBELs) set forth in Order Part IV and Attachment Q; then, if necessary, reprioritize or iteratively recommend additional WMP WCMs for implementation and future RAA modeling. The AMP would also assess any new regulatory requirements, watershed management information, pollutant sources, other CIMP data, funding, stakeholder priorities, and implementation costs to inform our implementation recommendations and decision-making processes. Permittee WCM planning and implementation progress would be summarized within the individual and group semi-annual WMP Progress Report. This proposed iterative AMP, as will be conclusively summarized within the LAR UR2 WMA ROWD, fulfills the requirements of Order Part V.D to address RWL exceedances.

In addition to the AMP findings, Permit Part IX.E.4 requires Permittees to include, within the LAR UR2 WMA ROWD to be prepared by CWE: a list of completed structural and non-structural WCMs, already required by the semi-annual WMP Progress Reports; A CIMP water quality-based data assessment of the effectiveness of the implemented WCMs; An effectiveness comparison of implemented WCMs with the projections from the LARWQCB recommended RAA model; An assessment of RAA assumption appropriateness; a comparison of WCM completion with WMP projections; Five year proposed WMP WCM completion and schedule based on approved WMP metrics; Five year funding and implementation status for planned WCMs and; Identification, with explanation, of the most, and least, effective WCMs and how they will be optimized, modified, or terminated from WMP Plan implementation over the next five years.

Since the LAR UR2 WMA ROWD is to be submitted to the LARWQCB on March 15, 2026, 180 days before the formal expiration date of the current Order, CWE will initiate the proposed WMP AMP during July 2025. This assumes that RAA revision, either at LARWQCB or Permittees direction, is unnecessary and the WMP Plan revisions can be implemented through a thoughtful and considered ROWD submission and approval. The LAR UR2 WMA makes up a relatively small and isolated portion of the LAR watershed, which limits the value of developing, or strongly advocating for, watershed scale initiatives. Our emphasis has been on activities and proposals that are relevant at the subregional and Permittee level. The draft AMP would be provided to the Permittee representatives for review on August 30, 2025, while CWE develops the accompanying draft ROWD, which would be provided for review on September 30, 2025. Assuming receipt of no LARWQCB ROWD preparation guidance directions, Permittee review would extend through the busy Fall 2025 stormwater monitoring and annual reporting season, then the Permittee revisions implemented from mid-January to mid-February 2026, at which point the Final draft would be returned to the Permittees for a two-week review, and any final revisions made during the first two weeks of March 2026.

3. Conclusions and Assumptions

We have attached projected annual staffing hours and budget tables for these proposed annual and permit term tasks. These terms are good for ninety days from the date of submission to the GWMA. No LAR UR2 WMA RAA or WMP revisions are included within this proposal, however CWE will welcome the opportunity to provide additional services in response to changing Permittee, LARWQCB, or SWRCB requirements.



22072 Los Angeles River Upper Reach 2 Watershed Management Area 2022-2023 Coordinated Integrated Monitoring Program and Permit Reporting Services

Professional Service Fee

Prepared by CWE on 05/20/2022

Prepared by CWE on 05/20/2022

		Principal	Sr. Project Manager	Project Engineer	Senior Env Sci	Env Scientist	Env Analyst	GIS Specialist	Project Coordinator	Admin Assistant	Mileage	ODCs	Sub consultant	Sub consultant	Sub consultant	Sub consultant	
Task		Total	\$306	\$293	\$179	\$181	\$133	\$97	\$139	\$136	\$112	\$0.585	Eurofins	ABC Labs	Enthalpy	Courier/TC	
1.	Annual Tasks																
1.1	Conduct LAR UR2 and Attend Other Meetings (16)	\$22,085		56		20		20				200					
1.2	Water Quality CIMP Implementation (2015 CIMP)	\$80,932	4	92		80	192			12		2160	\$7,200			\$2,640	
1.3	Laboratory Analyses	\$27,106								6				\$12,650	\$8,580	\$3,960	
1.4	Trash Monitoring and Reporting Program (TMRP)	\$16,421		16		24	24	40				200	\$200				
1.5	Semi-Annual WMP Progress and CIMP Data Reports	\$32,040		40		40	40	80									
1.6	Annual Individual and Monitoring Program Reports	\$22,032		24		40		80									
1.7	Prepare Annual Grant or Funding Application	\$31,739	2	24	16	40		80	24		24	200	\$90				
2.	Permit Term Professional Service Agreement Tasks																
2.1	LAR UR2 WMA CIMP Plan Revision	\$44,000		40		80		80	40		40						
2.2	Non-Stormwater (NSW) Outfall-Based Screening	\$0															
2.3	Report of Waste Discharge/Adaptive Management Process	\$0															
Total Fee and Hours		\$276,355	6	292	16	324	256	380	64	18	64	\$1,615	\$7,490	\$12,650	\$8,580	\$3,960	\$3,740

All Direct Expense Costs are billed at Cost + 10%

Assumptions

1. No Reasonable Assurance Analysis or WMP Plan revision proposed or anticipated
2. Laboratory analysis costs subject to renegotiation for TIE/TRE analyses and following Table E-6 Renewal Permit monitoring
3. CIMP implementation costs subject to renegotiation following LARWQCB revised CIMP Plan approval
4. Subject to potential renegotiation based on evolving LARWQCB and SWRCB requirements
5. CWE not responsible for report factual content provided by Permittee representatives



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Professional Service Fee

Prepared by CWE on 05/20/2022

Task	Total	Principal	Sr. Project Manager	Project Engineer	Senior Env Sci	Env Scientist	Env Analyst	GIS Specialist	Project Coordinator	Admin Assistant	Mileage	ODCs	Sub consultant	Sub consultant	Sub consultant	Sub consultant
		\$331	\$318	\$282	\$197	\$144	\$105	\$150	\$148	\$121	\$0.640		Eurofins	ABC Labs	Enthalpy	Courier/TC
1. Annual Tasks																
1.1 Conduct LAR UR2 and Attend Other Meetings (16)	\$23,976		56		20		20				200					
1.2 Water Quality CIMP Implementation (2023 CIMP)	\$87,807	4	92		80	192			12		2160	\$7,800				\$2,860
1.3 Laboratory Analyses	\$53,688								6				\$37,400	\$9,570	\$4,510	\$1,320
1.4 Trash Monitoring and Reporting Program (TMRP)	\$13,800		12		16	16	40				200	\$200				
1.5 Semi-Annual WMP Progress and CIMP Data Reports	\$34,760		40		40	40	80									
1.6 Annual Individual and Monitoring Program Reports	\$23,912		24		40		80									
1.7 Prepare Annual Grant or Funding Application	\$35,808	2	24	16	40		80	24		24	200	\$90				
2. Permit Term Professional Service Agreement Tasks																
2.1 LAR UR2 WMA CIMP Plan Revision	\$15,704		16		24		24	16		8						
2.2 Non-Stormwater (NSW) Outfall-Based Screening	\$18,688		16		16	24	40				300	\$600	\$1,000		\$1,000	
2.3 Report of Waste Discharge/Adaptive Management Process	\$0															
Total Fee and Hours	\$308,143	6	280	16	276	272	364	40	18	32	\$1,958	\$8,690	\$38,400	\$9,570	\$5,510	\$4,180

All Direct Expense Costs are billed at Cost + 10%

Assumptions

1. No Reasonable Assurance Analysis or WMP Plan revision proposed or anticipated
2. Laboratory analysis costs subject to renegotiation for TIE/TRE analyses and following Table E-6 Renewal Permit monitoring
3. CIMP implementation costs subject to renegotiation following LARWQCB revised CIMP Plan approval
4. Subject to potential renegotiation based on evolving LARWQCB and SWRCB requirements
5. CWE not responsible for report factual content provided by Permittee representatives



22072 Los Angeles River Upper Reach 2 Watershed Management Area 2024-2025 Coordinated Integrated Monitoring Program and Permit Reporting Services

Professional Service Fee

Prepared by CWE on 05/20/2022

			Principal	Sr. Project Manager	Project Engineer	Senior Env Sci	Env Scientist	Env Analyst	GIS Specialist	Project Coordinator	Admin Assistant	Mileage	ODCs	Sub consultant	Sub consultant	Sub consultant	Sub consultant
Task	Total		\$349	\$335	\$204	\$207	\$152	\$110	\$158	\$156	\$128	\$0.680		Eurofins	ABC Labs	Enthalpy	Courier/TC
1.	Annual Tasks																
1.1	Conduct LAR UR2 and Attend Other Meetings (16)	\$25,236		56		20		20				200					
1.2	Water Quality CIMP Implementation (2023 CIMP)	\$92,181	4	92		80	192			12		2160	\$7,800				\$3,080
1.3	Laboratory Analyses	\$43,176								6				\$25,300	\$10,340	\$5,060	\$1,540
1.4	Trash Monitoring and Reporting Program (TMRP)	\$14,500		12		16	16	40				200	\$200				
1.5	Semi-Annual WMP Progress and CIMP Data Reports	\$36,560		40		40	40	80									
1.6	Annual Individual and Monitoring Program Reports	\$25,120		24		40		80									
1.7	Prepare Annual Grant or Funding Application	\$36,172	2	24	16	40		80	24		24	200	\$90				
2.	Permit Term Professional Service Agreement Tasks																
2.1	LAR UR2 WMA CIMP Plan Revision	\$0															
2.2	Non-Stormwater (NSW) Outfall-Based Screening	\$26,696		16		24	32	40				300	\$900	\$3,000		\$3,000	
2.3	Report of Waste Discharge/Adaptive Management Process	\$0															
Total Fee and Hours		\$299,641	6	264	16	260	280	340	24	18	24	\$2,081	\$8,990	\$28,300	\$10,340	\$8,060	\$4,620

All Direct Expense Costs are billed at Cost + 10%

Assumptions

1. No Reasonable Assurance Analysis or WMP Plan revision proposed or anticipated
2. Laboratory analysis costs subject to renegotiation for TIE/TRE analyses and following Table E-6 Renewal Permit monitoring
3. CIMP implementation costs subject to renegotiation following LARWQCB revised CIMP Plan approval
4. Subject to potential renegotiation based on evolving LARWQCB and SWRCB requirements
5. CWE not responsible for report factual content provided by Permittee representatives



22072 Los Angeles River Upper Reach 2 Watershed Management Area 2025-2026 Coordinated Integrated Monitoring Program and Permit Reporting Services

Professional Service Fee

Prepared by CWE on 05/20/2022

			Principal	Sr. Project Manager	Project Engineer	Senior Env Sci	Env Scientist	Env Analyst	GIS Specialist	Project Coordinator	Admin Assistant	Mileage	ODCs	Sub consultant	Sub consultant	Sub consultant	Sub consultant
Task	Total	\$363	\$348	\$212	\$215	\$158	\$114	\$164	\$162	\$133	\$0.680	Eurofins		ABC Labs	Enthalpy	Courier/TC	
1.	Annual Tasks																
1.1	Conduct LAR UR2 and Attend Other Meetings (16)	\$26,204		56		20		20				200					
1.2	Water Quality CIMP Implementation (2023 CIMP)	\$95,517	4	92		80	192			12		2160	\$7,800				\$3,300
1.3	Laboratory Analyses	\$47,282								6				\$28,050	\$10,780	\$5,720	\$1,760
1.4	Trash Monitoring and Reporting Program (TMRP)	\$15,040		12		16	16	40				200	\$200				
1.5	Semi-Annual WMP Progress and CIMP Data Reports	\$37,960		40		40	40	80									
1.6	Annual Individual and Monitoring Program Reports	\$26,072		24		40		80									
1.7	Prepare Annual Grant or Funding Application	\$37,544	2	24	16	40		80	24		24	200	\$90				
2.	Permit Term Professional Service Agreement Tasks																
2.1	LAR UR2 WMA CIMP Plan Revision	\$0															
2.2	Non-Stormwater (NSW) Outfall-Based Screening	\$0															
2.3	Report of Waste Discharge/Adaptive Management Process																
		\$60,360	4	40		40	40	120	40	8	24	500	\$5,000				
Total Fee and Hours		\$345,979	10	288	16	276	288	420	64	26	48	\$2,217	\$13,090	\$28,050	\$10,780	\$5,720	\$5,060

All Direct Expense Costs are billed at Cost + 10%

Assumptions

1. No Reasonable Assurance Analysis or WMP Plan revision proposed or anticipated
2. Laboratory analysis costs subject to renegotiation for TIE/TRE analyses and following Table E-6 Renewal Permit monitoring
3. CIMP implementation costs subject to renegotiation following LARWQCB revised CIMP Plan approval
4. Subject to potential renegotiation based on evolving LARWQCB and SWRCB requirements
5. CWE not responsible for report factual content provided by Permittee representatives



22072 Los Angeles River Upper Reach 2 Watershed Management Area 2026-2027 Coordinated Integrated Monitoring Program and Permit Reporting Services

Professional Service Fee

Prepared by CWE on 05/20/2022

			Principal	Sr. Project Manager	Project Engineer	Senior Env Sci	Env Scientist	Env Analyst	GIS Specialist	Project Coordinator	Admin Assistant	Mileage	ODCs	Sub consultant	Sub consultant	Sub consultant	Sub consultant
Task			Total														
1.	Annual Tasks																
1.1	Conduct LAR UR2 and Attend Other Meetings (16)	\$27,272		56		20		20				200					
1.2	Water Quality CIMP Implementation (2023 CIMP)	\$99,684	4	92		80	192			12		2160	\$8,400				\$3,520
1.3	Laboratory Analyses	\$51,284								6				\$30,800	\$11,220	\$6,270	\$1,980
1.4	Trash Monitoring and Reporting Program (TMRP)	\$15,702		12		16	16	40				200	\$250				
1.5	Semi-Annual WMP Progress and CIMP Data Reports	\$39,520		40		40	40	80									
1.6	Annual Individual and Monitoring Program Reports	\$27,168		24		40		80									
1.7	Prepare Annual Grant or Funding Application	\$39,116	2	24	16	40		80	24		24	200	\$100				
2.	Permit Term Professional Service Agreement Tasks																
2.1	LAR UR2 WMA CIMP Plan Revision	\$0															
2.2	Non-Stormwater (NSW) Outfall-Based Screening	\$0															
2.3	Report of Waste Discharge/Adaptive Management Process	\$25,916		16		24	24	40	24	4	8	240					
Total Fee and Hours			\$325,662	6	264	16	260	272	340	48	22	\$2,100	\$8,750	\$30,800	\$11,220	\$6,270	\$5,500

All Direct Expense Costs are billed at Cost + 10%

Assumptions

1. No Reasonable Assurance Analysis or WMP Plan revision proposed or anticipated
2. Laboratory analysis costs subject to renegotiation for TIE/TRE analyses and following Table E-6 Renewal Permit monitoring
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GWMA Recycled Water Grants Progress Update

Yoshi Andersen | 7/14/2022



Responses Summary and Scope Adjustment



Board Member	Project Name	Scope	Length of Line	Potable Water Offset (AF/Year)	DAC Benefits	Water Supplier	Engineers Cost Estimate	Concept Plans to XX% Design	Environmental (CEQA, CEQA+, NEPA)	Construction Schedule	Match
City of Long Beach & Port of LB	5-phase recycled Water	10-11 mile recycled water main construction from MWD	2-4 mi per phase			MWD		Feasibility study pending		5 phases (2026 construction)	
Bell Gardens	Garfield to Veterans Park	Main line extensions from CBMWD	6800 ft			CBMWD		100% design complete	need to confirm		
Downey	Furman Park/Rio Hondo Elementary recycled water extension	extend existing recycled water line at RH golf course to Furman Park/RH Elementary for	2100 ft			CBMWD		possibly complete need to confirm			
Downey	Apollo Park / Rancho Los Amigos Hospital	extend main line on Quil Dr to the dry line at the hospital (LA County property) and to the adjacent Apollo park for irrigation	5200 ft			CBMWD					
Downey	Downey Unified School District land scaping retrofits	Downey HS - service line and meter Ward elementary - small line extension, meter, and easement Alameda Elementary - main line extension	1040 ft			CBMWD					
Downey	LA County South Campus & St. Pius X - St. Matthias	Extend mainline from the west side of Downey along Gardendale road	4600 ft			CBMWD					
Whittier	TBD - waiting for follow-up meeting										Possible match available
Paramount	Alondra Blvd Extension	Main line extensions along major blvds - Alondra Blvd to Jackson Arterial lateral extensions	~1364 ft			CBMWD					
Lakewood	Bloomfield Park Extension					Golden State Water company / Cerritos pump station (within CBMWD service area)					
Lynwood	TBD - waiting for follow-up meeting										
Whittier	TBD - waiting for follow-up meeting										

Develop project concepts and solidify key information to unify the GWMA Recycled Water Projects

- ✓ Potable water offset per year
- ✓ Engineering Cost Estimate
- ✓ 100% Design Plans
- ✓ Environmental Investigations

Two Options, Two Timelines



1. Member agencies with 75-100% design complete

- Four (4) month project package development
- 2-3 projects are currently at this level
 - Bell Gardens
 - Downey
 - Long Beach Water Dept / POLB

2. Members agencies with concept ideas AND with 75-100% design complete

- Eight (8) month project package development
- 5-6 other projects could be included

• Member agencies:

- Complete Project Package
 - Completion of design plans
 - Calculate potable water offset
 - Cost estimate and schedule
 - CEQA/NEPA

• Geosyntec:

- Finalize DAC benefits
- Compile project packages into single feasibility study/technical package
- Investigate synergy with other grant efforts (SCW, etc.)

Project Packages



GWMA Recycled Water Project Package

Due: TBD



- ☐ 1. Project Description
- ☐ 2. 100% Construction drawings
- ☐ 3. Engineering Cost Estimate
- ☐ 4. Calculation of potable water offset per year
- ☐ 5. Environmental Documentation (CEQA/NEPA)
- ☐ 6. Construction Schedule
- ☐ 7. Dis-advantaged Community Analysis
- ☐ 8. Matching Funds Available

Recycled Water Funding Opportunities



- **CA Department of Water Resources (DWR)**
 - IRWM (50% match or dependent on % DAC area; \$3.5M sub-regional funds, \$3M DAC funds for greater LA)
 - August 29 submit to sub-region
 - February 1, 2023 second round final application to DWR
- **Bureau of Reclamation (BOR)**
 - WaterSMART Title 16 (75% match required; \$30M maximum)
 - March 2023 next deadline
 - WIIN (Water Infrastructure Improvements for the Nation) Feasibility Study must be approved by Congress
 - WaterSMART Bipartisan Infrastructure Law (75% match \$500M or more)
 - FY24 applications likely due March/April 2023
 - \$400M over 5 years - \$160M FY23
- **CA State Water Resources Control Board (SWRCB)**
 - Water Recycling Funding Program (SRF)
 - Ongoing applications
 - Construction Grant: 35% of eligible costs, up to \$15M.
 - Will loan 100% of project. To be eligible for a grant, match must be met in the form of a loan from the CWSRF.
 - Potential for principal forgiveness for SDAC or through Green Reserve.

Timelines for Two Options



4 Months

8 Months

1
July

3
September

5
November

7
January

2
August

4
October

6
December

8
February

IRWMP Sub-Regional Submission
(August 29)

BOR Title 16 (March 2023)
BOR Bipartisan Infrastructure Law (TBD)
CASWRCB Water Recycling Program (On-going)

★ - Project Packages Due



Questions?

Yoshi Andersen

YAndersen@Geosyntec.com

(949)295-8671