



**METRO TAC AGENDA**  
**(Technical Advisory Committee to Metro JPA)**

**TO:** Metro TAC Representatives and Metro Commissioners

**DATE:** Wednesday, November 21, 2018

**TIME:** 11:00 a.m. to 1:30 p.m.

**LOCATION:** 9192 Topaz Way, (PUD MOC II Auditorium) – Lunch will be provided

***\*PLEASE DISTRIBUTE THIS NOTICE TO METRO COMMISSIONERS AND METRO TAC REPRESENTATIVES\****

---

1. Review and Approve MetroTAC Action Minutes for the Meeting of [October 17, 2018](#) (**Attachment**)
2. **ACTION:** Consideration and Possible Action to Recommend Approval to the Metro Comm/Metro Wastewater JPA of a Meeting Calendar for 2019 (**Attachment**)
3. Metro Commission/JPA Board Meeting Recap (Standing Item)
4. **REPORT:** Update from Pure Water Facilities Working Group (Roberto Yano)
5. **REPORT:** Update from Pure Water Cost Allocation Working Group (Scott Tulloch/Dexter Wilson)
6. **REPORT:** Update from Regional Wastewater Disposal Agreement Flow Commitment Working Group (Yazmin Arellanos)
7. **REPORT:** Update from Sample Rejection Protocol Working Group (Edgar Patino)
8. **ACTION:** Consideration and Possible Action to Recommend Approval to the Metro Comm/Metro JPA of Pure Water – Amendment No. 2 to the As-Needed Technical Services Consultant Agreement with Stantec, Inc. (Formerly Montgomery Watson Harza Americas, Inc.), for the Pure Water San Diego Program (John Helminski) (**Attachment**)
9. **ACTION:** Selection of Metro TAC Chair (Greg Humora)
10. **ACTION:** Selection of Metro TAC Vice Chair (Greg Humora)
11. Metro Wastewater Update (Standing Item) (Edgar Patino)
12. Pure Water Program Update (Standing Item) (John Helminski)
13. Metro Capital Improvement Program and Funding Sources (Standing Item)
14. Financial Update (Standing Item) (Karyn Keese)
15. IRWMP Update (Standing Item) (Robert Yano)

16. MetroTAC Work Plan (Standing Item) (Greg Humora) (**Attachment**)
17. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (**December 6, 2018**)
18. Other Business of Metro TAC
19. Adjournment ([To the next Regular Meeting December 19, 2018](#))

**Metro TAC 2018 Meeting Schedule**

January 17	May 16	September 19
February 21	June 20	October 17
March 21	July 18	November 21
April 18	August 15	December 19

Attachment 1  
Action  
Minutes of  
October  
17, 2018



**Metro TAC**  
(Technical Advisory Committee to Metro Commission/JPA)

**ACTION MINUTES**

**DATE OF MEETING:** October 17, 2018

**TIME:** 11:00 AM

**LOCATION:** PUD MOC II Auditorium

**MEETING ATTENDANCE:**

Greg Humora, La Mesa  
Roberto Yano, National City  
Frank Rivera, Chula Vista  
Beth Gentry, Chula Vista  
Ed Walton, Coronado  
Joe Bride, Del Mar  
Yazmin Arellano, El Cajon  
Dennis Davies, El Cajon  
Eric Minicilli, Imperial Beach  
Dexter Wilson, Lemon Grove  
Stephen Beppler, Otay MWD  
Bob Kennedy, Otay MWD  
AL Law, Padre Dam MWD  
Mark Niemiec, Padre Dam MWD  
Seval Sen, Padre Dam  
Rudy Guzman, Poway  
Dan Brogadir, County of San Diego  
Susan Spotts, County of San Diego

John Helminski, City of San Diego  
Charlotte Strong-Williams, City of SD  
Tom Crane, City of San Diego  
Charles Modica, City of San Diego  
Lee Ann Jones-Santos, City of San Diego  
Peggy Merino, City of San Diego  
Edgar Patino, City of San Diego

Doug Owen, Stantec

Nicholaus Norvell, BBK  
Scott Tulloch, NV5  
Karyn Keese, Keze Group

**1. Review and Approve MetroTAC Action Minutes for the Meeting of [September 19, 2017](#)**

**ACTION:** Frank Rivera noted a typographical error on Page 2 of the minutes, Item 7, line 3 – “wit” should be “with”. With the correction of the error motion by Frank Rivera, seconded by Yazmin Arellano, to approve the MetroTAC Action Minutes. The motion carried unanimously.

**2. Metro Commission/JPA Board Meeting Recap (Standing Item)**

Chair Humora stated that the Commissioners had much discussion about the Consent Decree, especially the fact that they had not been informed earlier of what was transpiring. They requested that they be brought in sooner on any potential matters regarding litigation and asked San Diego to look into how this could be achieved.

**3. REPORT: Update from Pure Water Cost Allocation Working Group**

There was no report this month.

**4. REPORT: Update from Sample Rejection Protocol Working Group (Standing Item)**

There was no report this month.

**5. Metro Wastewater Update (Standing Item)**

Lee Ann Jones-Santos reported that this was the beginning of the City of San Diego budget season and that they would be bringing back a schedule to Metro TAC. She also reported on the Pure Water External Funding opportunities which were covered in more detail later under Item 6. Staff is in the process of preparing for a bond issue for water in November 2018. It is unknown at this time when they will proceed with a wastewater bond issue/commercial paper program but staff will keep Metro TAC updated. PUD audit staff is working with the external auditors, MGO, and Karyn Keese to prepare a template calendar with the goal of streamlining the audit process. Staff is working on five-year projections which will integrate Pure Water costs once the projects have been bid with non-Pure Water costs and plan to release in early to mid-2019.

**6. Pure Water Program Update (Standing Item)**

John Helminski presented a "Pure Water Program Implementation Update", a copy of which had been included with the Metro TAC agenda except for one slide entitled "Pure Water Phase 1 – Cash Flow Metro JPA Share". This slide is included with these minutes as Attachment A.

Discussion centered on the slide entitled "Pure Water Phase I – Project Cost" that reviewed the Non-Pure Water CIP's that would be bundled with Pure Water Projects with Non-Pure Water CIP costs of \$66 million for wastewater's share. Staff suggested that these were projects like pipeline costs that needed to be done when the pipeline right-of-ways were excavated and existing pipelines could be repaired at the same time new pipelines were being installed. Staff was asked to look into these costs as wastewater pipelines are normally Muni not Metro costs. Staff said they would review the costs and provide a detail of what projects were included in the \$66 million prior to the Metro Commission/JPA meeting.

Additional discussion continued including the potential price impacts of the increasing cost of steel. John Helminski noted that not only was the 10% pooled contingency being included, but that there was also a 5% field change order contingency included in the base CIP costs. The pooled contingency would only be used and therefore funded if needed.

John Helminski reviewed the project schedule and Chair Humora asked if a matrix could be prepared showing each project, the projected dollar amount, the date to advertise the bid, and the estimated date when notice to proceed would be given the contractor and included in the Commission/JPA presentation. John stated that he already had one that he had prepared for IROC and would include that in the Commission presentation.

Chair Humora also requested that each construction contract come back individually to Metro TAC and the Commission prior to award. John expressed concern due to timing of meetings and Chair Humora stated that the Metro TAC/JPA would not hold up progress. John stated that he will bring back monthly updates of where they are in the process.

Nicholaus Novell of BBK reviewed the October 1, 2018 version of the Amended and Restated Regional Wastewater Disposal Agreement. Basically there are two open issues that are still in the process of being addressed prior to the adoption of the Amendment by San Diego City Council on November 15th. These two open issues are under Section 2.9 Future Negotiations and Cooperation:

- Section 2.9.3 has been added to address the City of San Diego's concern regarding the discharge of residuals upstream of any Pure Water production facilities, such as North County Water Reclamation Plant. Residuals are defined as solids, brine, and centrate. Padre Dam, on behalf of the East County Water Purification Project, has expressed concerns regarding this provision and provided Metro TAC with a letter they had sent the day before to San Diego (included as Attachment B to these minutes). JPA engineering consultants as well as the City of San Diego will be meeting with Padre Dam staff regarding the resolution of these concerns.
- Section 2.9.1.6 provides for the future negotiations regarding the conveyance and treatment of wastewater generated at United States military bases under this Agreement. Currently the City of San Diego has been billing the military bases in the Cities of Coronado and Imperial Beach and has included their capacity in San Diego's capacity. After several meetings between the JPA engineering consultants, Coronado, Imperial Beach, and San Diego it was determined that the potential flow from the new Navy facilities that are planned to be constructed in Coronado would not be included as flow in Exhibit G and that the Cities would continue discussions regarding Navy facilities and their capacities over the next year.

Nicholaus also introduced a revised Exhibit G, the Pure Water Capital Billing Table. Rudy Guzman asked why Poway's Pure Water Capital Melded Percentage had increased from the one that Poway took to their City Council several months ago. Dexter Wilson stated that it was due to El Cajon moving their flow to the East County project so that everyone else picked up their proportional share of the cost allocation. He noted there may be further small changes to the Exhibit but nothing material.

Bob Kennedy noted that Otay still had some concerns with the Amendment and that they would be meeting with the JPA engineers and City of San Diego staff after the Metro TAC meeting.

## **7. Metro Capital Improvement Program and Funding Sources (Standing Item)**

PUD staff was reminded that the following projects from the year-end summary were to be brought to the next Metro TAC meeting for discussion:

- South Bay Demin Facility costs and status

- Pump Station #2 cost overruns

Metro TAC members were encouraged to email Edgar Patino if there were any other capital projects that they would like to see discussed.

#### **8. Financial Update (Standing Item)**

Karyn Keese reported that she and Dexter Wilson would be completing the fieldwork review process today after the Metro TAC meeting for FYE 2017. She cautioned Metro TAC members to not anticipate refunds from the FYE 2017 reconciliation which should be complete in May 2019. Early cost projections show that the FYE 2017 costs will be very close to the \$65 million protocol.

#### **9. IRWMP Update (Standing Item)**

There was no update for this meeting.

#### **10. MetroTAC Work Plan (Standing Item)**

No additions to the work plan were noted.

#### **11. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (November 1, 2018)**

Chairman Humora noted that there will most likely be a special meeting of the Metro Commission/Metro JPA on October 25, 2018 because of the change in dates for San Diego's Environmental Committee and Council meetings. Item 6 from the Metro TAC agenda would be the only item on the Special Meeting agenda and would consist of:

- Consideration to approve the City of San Diego's plan to proceed with Pure Water Phase I construction.
- Update regarding Amended and Restated Regional Wastewater Disposal Agreement and potential action or direction to Chair regarding support for the Agreement from the participating agencies.

#### **12. Other Business of Metro TAC**

Eric Minicili reported that with the passage of AB 2179 it now only takes a simple majority vote to sell a sewage treatment system.

#### **13. Adjournment (To the next Regular Meeting November 21, 2018)**

# Attachment A



## Pure Water and Non Pure Water Cash Flows: Metro JPA Share

Fiscal Year	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY15-FY24 TOTAL
Metro JPA Share*	\$0.2 M	\$1.4 M	\$2.5 M	\$8.6 M	\$8.5 M	\$77.0 M	\$77.1 M	\$40.7 M	\$12.7 M	\$0.6 M	\$229.2 M

\*Costs are uninflated and include: Pure Water and Non Pure Water costs, soft costs, construction costs and OCIP, SDG&E and pooled contingency costs

# Attachment B



October 16, 2018

Matthew Vespi, Interim Director  
Public Utilities Department  
City of San Diego  
9192 Topaz Way  
San Diego, CA 92123

Dear Mr. Vespi:

As you know, the Padre Dam Municipal Water District, San Diego County Sanitation District, and City of El Cajon ("East County AWP Parties") are in the final stages of planning for implementation of the East County Advanced Water Purification ("AWP") Program. Ultimately, if/when implemented, the East County AWP Program will reduce ocean discharges from the Point Loma Wastewater Treatment Plant by up to 15 MGD.

The East County AWP Parties and the City of San Diego ("City") have been in discussion regarding the potential disposal, treatment, and/or management of solids, brine, and centrate ("residuals") from East County AWP Program facilities under the proposed Amended and Restated Regional Wastewater Disposal Agreement ("Amended Regional Agreement"). The City has requested that the Amended Regional Agreement contain provisions concerning the disposal of residuals produced at any new, non-Metro System secondary, tertiary, or advanced wastewater treatment facilities upstream of any of the City's Pure Water facilities. Specifically, the provisions requested by the City would prohibit disposal of residuals upstream of any Pure Water facilities until there is a separate agreement between the City and any necessary agencies regarding the disposal, treatment, and/or management of such residuals.

Due to the East County AWP Program's advanced stage of planning, time is of the essence in determining what requirements, if any, might apply to the disposal, treatment, and/or management of residuals from East County AWP Program facilities. Therefore, the East County AWP Parties are willing to consider approval of the Amended Regional Agreement with the residuals provisions sought by the City, but only after completion of the following tasks:

1. The City and the East County AWP Parties will form a technical workgroup to identify the incremental impacts, if any, to wastewater and water treatment operations resulting from the disposal of residuals by East County AWP Program facilities. The technical workgroup will also identify appropriate and proportional remediation of those incremental impacts, if any, through physical and/or operational solutions. The factors considered by the technical workgroup will include, but not be limited to: industry best practices, experience of similar wastewater and advanced water treatment facilities, existing peer reviewed technical and scientific studies, relevant data and analysis conducted for Pure Water system operations, and potential remediation costs, including financial contributions or surcharges to remediate additional operating costs resulting from the identified incremental impacts.
2. Based upon the work of the technical workgroup, the City and the East County AWP Parties will negotiate and enter into a separate agreement (or agreements) among the City and the East County

AWP Parties regarding, among other things, the discharge of residuals from East County AWP Program facilities. Any such separate agreement(s) will satisfy the residuals provisions proposed by the City in the new Amended Regional Agreement. The parties may use the sewage transportation agreements between the City and the East County AWP Parties for the above purposes.

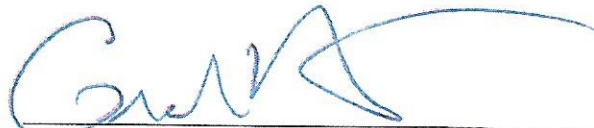
After execution of the separate agreement(s) described above, the East County AWP Parties will consider final approval and execution of the proposed Amended Regional Agreement with the residuals provisions sought by the City.

The East County AWP Parties are hopeful that this approach will resolve the issues described above in an efficient and mutually beneficial manner. We request the City's agreement to pursue this approach and complete this work no later than March 31, 2019, and request the City's concurrence by signing below.<sup>1</sup>

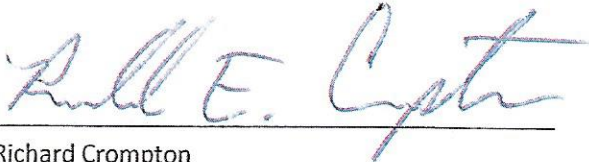
Sincerely,



Allen Carlisle  
General Manager  
Padre Dam Municipal Water District



Graham Mitchell  
City Manager  
City of El Cajon



Richard Crompton  
Director of Public Works  
County of San Diego

Acknowledged and Agreed:

---

Matthew Vespi  
Interim Director, Public Utilities Department  
City of San Diego

c: Jerry Jones, Chair, Metro Wastewater JPA  
Jim Peasley, Vice-Chair, Metro Wastewater JPA  
Greg Humora, Chair, Metro Technical Advisory Committee  
John Helminski, Assistant Public Utilities Director, City of San Diego

---

<sup>1</sup> This letter is not a binding agreement between the signatories, but an expression of their mutual intent to work in good faith and complete the above tasks within the time period stated above.

# Attachment 2

## Meeting Calendar for 2019

**Metro Commission/Metro Wastewater JPA  
and  
MetroTAC Committee**

**2019 Meeting Schedules**

<b>METRO COMM/METROJPA</b>		<b>METRO TAC</b>	
<b>1<sup>st</sup> Thursday of the month</b>		<b>3<sup>rd</sup> Wednesday of the month</b>	
January 3, 2019 (if needed)	12:00 – 1:00	January 16, 2019	11:00 – 1:30
February 7, 2019	12:00 – 1:00	February 20, 2019	11:00 – 1:30
March 7, 2019	12:00 – 1:00	March 20, 2019	11:00 – 1:30
April 4, 2019	12:00 – 1:00	April 17, 2019	11:00 – 1:30
May 2, 2019	12:00 – 1:00	May 15, 2019	11:00 – 1:30
June 6, 2019	12:00 – 1:00 (SANDIST meeting immediately following)	June 19, 2019	11:00 – 1:30
July 4, 2019	12:00 – 1:00	July 17, 2019	11:00 – 1:30
August 1, 2019	12:00 – 1:00	August 21, 2019	11:00 – 1:30
September 5, 2019	12:00 – 1:00	September 18, 2019	11:00 – 1:30
October 3, 2019	12:00 – 1:00	October 16, 2019	11:00 – 1:30
November 7, 2019	12:00 – 1:00	November 20, 2019	11:00 – 1:30
December 5, 2019	12:00 – 1:00	December 18, 2019	11:00 – 1:30
January 2, 2020 (if needed)	12:00 – 1:00	January 15, 2020	11:00 – 1:30

Meetings are held at  
MWWD PUD II Auditorium, 9192 Topaz Way, SD, CA 92023  
(unless otherwise noted on the agenda)

Attachment 8  
Amendment #2 to  
Agreement with  
Stantec for As-  
Needed Technical  
Services  
Consultant

**METRO JPA/TAC**  
**Staff Report**  
**Date: November 21, 2018**

**Project Title:**

Pure Water – Amendment No. 2 to the As-Needed Engineering Technical Services Consultant agreement with Stantec, Inc. (formerly Montgomery Watson Harza Americas, Inc.), for the Pure Water San Diego Program

**Requested Action:**

Approve Amendment No. 2 to the As-Needed Engineering Technical Services Consultant agreement for an additional \$10,000,000 for a total not-to-exceed contract amount of \$56,400,000.

**Recommendations:**

Approve the requested action.

Metro TAC:	Approve the subject item and forward to Metro JPA/ Metro Commission for approval
IROC:	N/A
Prior Actions: (Committee/Commission, Date, Result)	N/A

**Fiscal Impact:**

Is this projected budgeted?	Yes <u>X</u> No ____
Cost breakdown between Metro & Muni:	It is estimated that the funding will be allocated as follows: Water: 61% (approximately \$6.1 M), Wastewater: 39% (approximately \$3.9 M) (Metro: 100%, Muni: 0%).
Fiscal impact to the Metro JPA:	33.5% of Metro cost (approximately \$1.3 M)

**Capital Improvement Program:**

New Project?	Yes <u>X</u> No ____ N/A ____
Existing Project?	Yes <u>X</u> No ____ Upgrade/addition ____ Change ____

**Previous TAC/JPA Action:**

None.

**Additional/Future Action:**

Present item to Metro JPA/ Metro Commission for approval on December 6, 2018.

**City Council Action:**

City Council approval is anticipated in January 2019.

**Background:**

Please view discussion below.

**Discussion:**

The Public Utilities Department utilizes the As-Needed Engineering Technical Services Consultant agreement with Stantec Inc., for specialized technical services to support the Pure Water Program implementation. The services generally relate to planning, design, engineering, regulatory, and program management support. The original agreement was approved by City Council on December 9, 2014, via Resolution No. R-309350. The agreement was issued on January 8, 2015, for an amount not to exceed \$30 million, for a term of five (5) years. Amendment No. 1 was approved by City Council on October 25, 2016 and increased the contract amount to \$46.4 million. The amendment supported acceleration of the



North City Pure Water Phase 1 Project schedule, proving the technical and regulatory feasibility of delivering the Phase 1 purified water to Miramar Reservoir (versus San Vicente Reservoir), and provided preliminary design for the North City Renewable Energy Project. Phase 1 construction is scheduled to complete in 2022 and purified water deliveries to Miramar Reservoir will begin in 2023. Responses to the request for qualifications for the North City Renewable Energy Project were received in May, interviews were conducted in July, and three firms were shortlisted and will be invited to participate in the formal request for proposals (RFP). The RFP is scheduled to be issued in the first quarter of 2019. Stantec support has been critical to keeping these on course.

The Public Utilities Department now requests to increase the contract amount by \$10,000,000 to \$56,400,000. Proposed Amendment No. 2 is needed for the following:

- Implementation of an owner-controlled insurance program
- Testing of high-purity oxygen
- Pure Water Phase 2 Planning and Demonstration
- Continued program management, technical, and outreach services

***Owner-controlled Insurance Program.*** With an owner-controlled insurance program (OCIP) the owner (City) purchases insurance for the owner, prime contractors and subcontractors. Savings are achieved through centralized administration and claims control and minimization of cross litigation because all parties are covered under the same program. Other advantages over requiring each contractor to carry their own insurance include a uniform safety program, higher dedicated limits, and increased small contractor participation. Further, implementing OCIP is supported by the construction community. Stantec will provide language to include in construction contract documents, support broker selection and negotiation activities, train construction managers on OCIP requirements, and review construction reports to ensure compliance with OCIP.

***High-Purity Oxygen Testing.*** During the final design of the Phase 1 Morena Pump Station and Pipeline Project it became apparent that anaerobic conditions of the wastewater could develop in the nearly 11-mile pressurized forcemain. Amendment No. 2 scope includes pilot testing of high-purity oxygen (HPO) systems for their effectiveness at maintaining *aerobic* conditions, which will be necessary for stable operations at the receiving North City Water Reclamation Plant. An added benefit of HPO is that it reduces odor and may be more cost effective than typical odor control systems.

***Phase 2 Master Planning and Demonstration.*** The City will work in collaboration with Metro JPA representatives to conceptualize, screen, and validate Phase 2 alternatives. Through this process, alternatives for delivering the next phase of Pure Water will be screened and validated for subsequent demonstration and feasibility studies. Phase 2 work under this contract will also include validation of a short-list of facility alternatives, the design of a demonstration facility, reservoir modeling, and regulatory strategy development and support. Demonstration tasks will mirror the work that was done to confirm the Phase 1 North City Project's feasibility, delivering purified water to the Miramar Reservoir. Phase 2 efforts must be initiated now to meet the overall goal of full Pure Water implementation by 2035.

### ***Ongoing Program Management and Outreach Support.***

The Title 22 Engineering Report is currently being finalized and the City will receive a draft Conditional Acceptance letter from the Division of Drinking Water for review. At the same time, the City submitted information to solicit a National Pollutant Discharge Elimination System (NPDES) permit from the Regional Board. Stantec will continue to provide support to the City for these critical regulatory milestones. This is a significant document and is required to allow the Phase 1 facilities to begin operation. Monthly cash flow projections and reporting requirements across all the Phase 1 construction packages for various loan and bond covenants also will be prepared through the implementation of PMWeb, a construction management information system. Finally, the Stantec team will continue to provide critical working group support and other outreach activities required to maintain program momentum and enhance

communications with stakeholders.

The table below summarizes contract scope changes that have prompted the proposed amendment.

Scope Change Category	Estimated Contract Value Change
OCIP	\$250,000
HPO Testing	\$550,000
Pure Water Phase 2 Planning and Demonstration	\$3,500,000
Ongoing Program Management and Outreach Support	\$5,700,000
<b>Subtotal</b>	<b>\$10,000,000</b>
<b>Proposed Amended Contract Value</b>	<b>\$56,400,000</b>

The total program management support level is within industry standards.

**Bid Results:** *If bidding was done provide bidding format and results*  
N/A

Public Utilities Department

# **Pure Water – Stantec Consulting, Contract Amendment**

Metro Technical Advisory Committee

November 21, 2018





# Stantec Contract: Terms and Scope

## Terms

- Initiated January 2015
- Original authorization: \$30M
- Amended in December 2016: \$16.4M

## Scope

- Pure Program Administration and Controls
- Planning and Engineering Support
- Design Support
- Environmental Consultant Coordination
- Permitting and Regulatory Support
- Public Education and Stakeholder Engagement



# Stantec Contract: Recent Accomplishments

- Submitted draft final Title 22 Engineering report
- Completed full-scale testing program to pre-select MF and UV equipment and pre-qualify RO Equipment
- Led commissioning planning for Phase 1 projects
- Initiated CM planning efforts
- Completed pilot study to examine impact of Pure Water on Miramar WTP
- Performed detailed design review for Phase 1 projects
- Completed bench-scale testing of the impact of brine on the Point Loma Wastewater Treatment Plant
- Completed value engineering studies on core Phase 1 projects



# Current Stantec Contract: Ongoing Work

- Miramar Reservoir modeling
- NPDES permitting regulatory support
- Continued design reviews and technical support for Phase 1
- PMWeb implementation support
- RFQ and RFP tech support of DBFOM for NCREP contract
- Pipe Loop Study
- NCREP 10% Pre-Design
- Phase 2 alternative evaluation
- IWCP support
- Program management and outreach services





Photo by MrGALL

# Stantec Contract: Proposed Amendment

- Increase contract value by \$10 million
- Supports Phase 1 activities:
  - Owner-Controlled Insurance Program support
  - High purity oxygen testing and implementation
  - Ongoing program management and public outreach services
    - Operations Plan for submittal to the Regional Water Quality Control Board
    - Cost allocation and cashflow projection services
    - Working group support and other stakeholder outreach activities



## Stantec Contract: Proposed Amendment (Cont.)

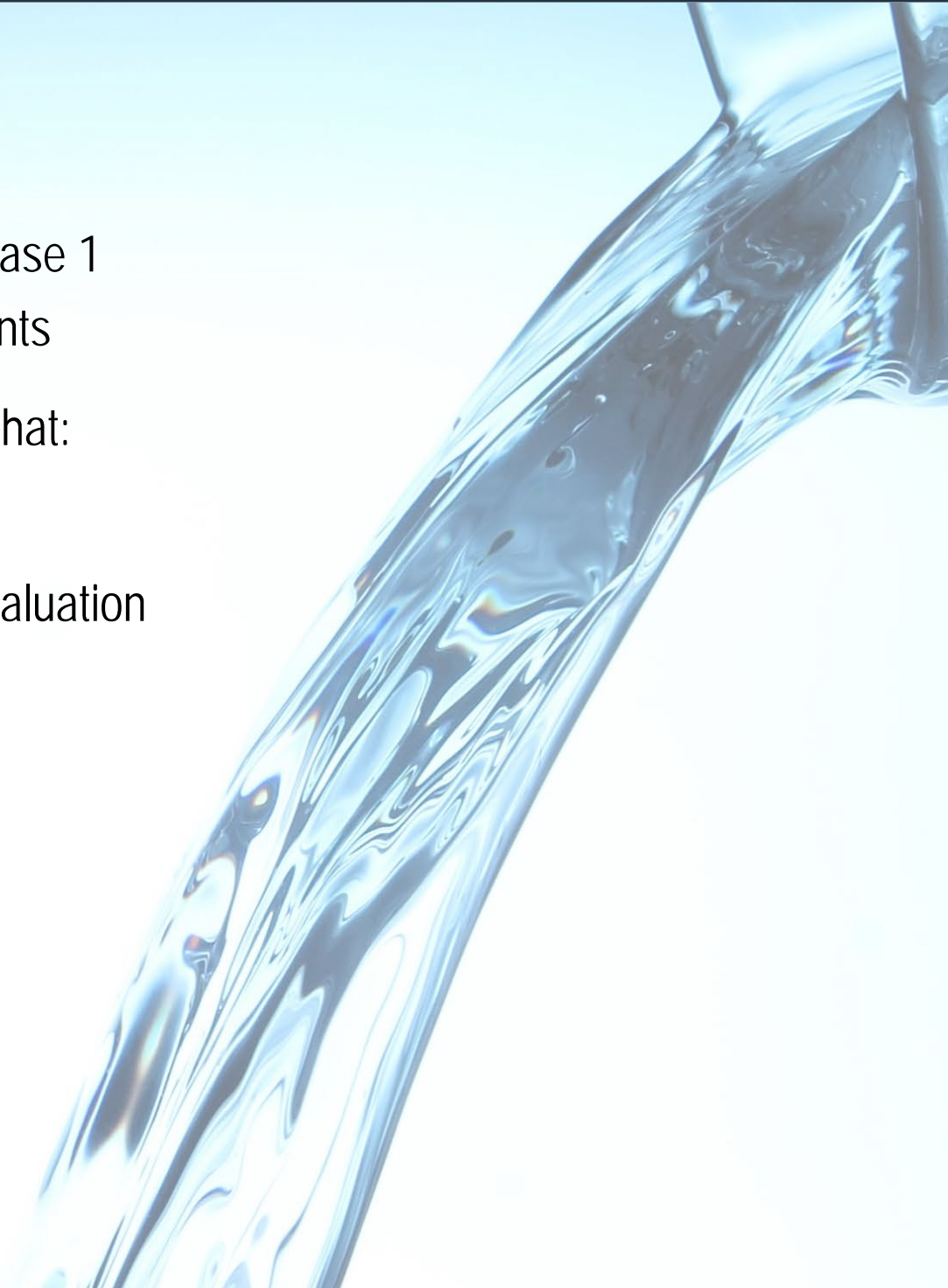
- Supports Phase 2 planning activities:
  - Alternative facility planning and validation
  - Demonstration study planning and design
  - Regulatory strategy development





# Benefits of Amendment

- Continues focused support on critical Phase 1 regulatory, technical and program elements
- Begins Phase 2 analysis on a schedule that:
  - Aligns with DDW's DPR rulemaking
  - Allows for sequenced alternative evaluation and demonstration testing
  - Encourages participation by JPA and other stakeholders





# Amendment Contract Breakdown

Total Amendment:	\$10M
Wastewater % of Total Amendment:	~39%
Wastewater Portion of Amendment:	~\$3.9M
JPA portion of the Amendment (33%)	~\$1.3M





# Stantec Amendment Approval Schedule

Activity	Date
Metro TAC	November 2018
Metro JPA/Metro Commission	December 2018
Environment Committee	January 2019
City Council Approval	January 2019
Notice to Proceed	February 2019



## Authorized Task Orders in Original Contract

Task Order Number	Description	Total Cost	Wastewater Cost	Water Cost
1	Program Initiation	\$ 2,031,032	\$ 1,015,516	\$ 1,015,516
2	Pre-Designs of North City Upgrades	\$ 14,222,146	\$ 4,312,243	\$ 9,909,903
3	San Vicente Reservoir Modeling to Support Concept Approval Application	\$ 226,544	\$ -	\$ 226,544
4	Impact of Pure Water on Water Treatment Plant Operations	\$ 333,922	\$ -	\$ 333,922
5	PMO/Program Management Services (FY16: July 2015 - June 2016)	\$ 2,904,837	\$ 1,452,419	\$ 1,452,419
6	Stress Testing and In-Operation Capacity of NCWRP	\$ 150,250	\$ 150,250	\$ -
7	Cogeneration Evaluation for NCWRP and APWF	\$ 420,489	\$ 210,245	\$ 210,245
8	Options for Conveyance Termination at San Vicente Reservoir Pipeline	\$ 146,381	\$ -	\$ 146,381
9	Test Plan and Analysis for Prequalification and Preselection for NCAWPF	\$ 1,579,367	\$ -	\$ 1,579,367
10	Technical Advisory Committee Review of North City Predesigns	\$ 49,656	\$ 24,828	\$ 24,828
11	Impact of RO Brine on Wastewater Treatment Plant Operations	\$ 228,340	\$ -	\$ 228,340
<b>12</b>	<b>Regulatory Support for Proposed North City Area Projects</b>	<b>\$ 1,538,205</b>	<b>\$ 769,103</b>	<b>\$ 769,103</b>
13	Strategic Oversight of Environmental Issues for Pure Water Program	\$ -	\$ -	\$ -
14	Phase I Environmental Site Assessment	\$ 19,404	\$ -	\$ 19,404
15	Small Business Outreach	\$ 69,122	\$ 34,561	\$ 34,561
16	Centrate Management Options Study	\$ 44,446	\$ 44,446	\$ -
<b>17</b>	<b>Establish Pure Water Automation (COMNET) Requirements</b>	<b>\$ 260,555</b>	<b>\$ 130,278</b>	<b>\$ 130,278</b>
18	Evaluate Impacts of NCWRP Expansion on MBC	\$ 351,704	\$ 351,704	\$ -
19	Public Outreach and Education Services (April 1, 2016 - June 30, 2018)	\$ 1,396,674	\$ 698,337	\$ 698,337
20	Operator Training for Future AWPF	\$ 250,971	\$ -	\$ 250,971
21	Develop Enterprise Level Control Strategy	\$ 52,365	\$ 26,183	\$ 26,183

**Bold** = Ongoing Task Order



# Authorized Task Orders Since Last Amendment

Task Order Number	Description	Total Cost	Wastewater Cost	Water Cost
<b>22</b>	<b>Miramar Reservoir Modeling</b>	<b>\$ 818,842</b>	<b>\$ -</b>	<b>\$ 818,842</b>
23	PMO Staffing	\$ 7,397,587	\$ 3,698,794	\$ 3,698,794
24	Update 2009 Biosolids Processing Evaluation	\$ 354,439	\$ 354,439	\$ -
25	Value Engineering	\$ 313,684	\$ 128,389	\$ 185,295
26	Centrate Disposal Evaluation	\$ 138,727	\$ 138,727	\$ -
27	Update Spec Sections 13300, 13400	\$ 87,937	\$ 43,969	\$ 43,969
<b>28</b>	<b>Design Reviews and Tech Support</b>	<b>\$ 1,391,274</b>	<b>\$ 717,910</b>	<b>\$ 673,364</b>
<b>29</b>	<b>RFQ Tech Support of DBFOM</b>	<b>\$ 546,333</b>	<b>\$ 273,167</b>	<b>\$ 273,167</b>
30	NCWRP White Paper	\$ 146,160	\$ 146,160	\$ -
31	NCPW OM Readiness Master Plan	\$ 202,418	\$ 101,209	\$ 101,209
<b>32</b>	<b>Construction Management (CM) Planning</b>	<b>\$ 94,172</b>	<b>\$ 47,086</b>	<b>\$ 47,086</b>
33	Study of Alternatives to 30% EDR	\$ 14,386	\$ -	\$ 14,386
<b>34</b>	<b>Pipe Loop Study</b>	<b>\$ 329,805</b>	<b>\$ -</b>	<b>\$ 329,805</b>
35	Miramar WTP Study	\$ 410,300	\$ -	\$ 410,300
<b>36</b>	<b>DSD &amp; Env Review Technical Support</b>	<b>\$ 32,183</b>	<b>\$ 16,092</b>	<b>\$ 16,092</b>
<b>37</b>	<b>NCREP 10 Percent Pre-Design</b>	<b>\$ 839,428</b>	<b>\$ 419,714</b>	<b>\$ 419,714</b>
<b>38</b>	<b>CA Alternatives Analysis</b>	<b>\$ 231,106</b>	<b>\$ 115,553</b>	<b>\$ 115,553</b>
<b>39</b>	<b>OCIP Support Services</b>	<b>\$ 181,353</b>	<b>\$ 90,677</b>	<b>\$ 90,677</b>
<b>40</b>	<b>Black &amp; Veatch Financial Support</b>	<b>\$ 266,805</b>	<b>\$ 133,403</b>	<b>\$ 133,403</b>
<b>41</b>	<b>COMNET Support Services</b>	<b>\$ 50,000</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>
<b>42</b>	<b>IWCP Support Services</b>	<b>\$ 204,075</b>	<b>\$ 102,038</b>	<b>\$ 102,038</b>
<b>43</b>	<b>Miramar DWTP Residuals Study</b>	<b>\$ 65,069</b>	<b>\$ -</b>	<b>\$ 65,069</b>
<b>44</b>	<b>HPO Testing and Design</b>	<b>\$ 369,736</b>	<b>\$ -</b>	<b>\$ 369,736</b>
<b>45</b>	<b>Public Outreach and Education Services (July 1, 2018 - March 31, 2019)</b>	<b>\$ 544,303</b>	<b>\$ 272,152</b>	<b>\$ 272,152</b>
<b>46</b>	<b>Pure Water On-Site Program Management Services</b>	<b>\$ 2,897,483</b>	<b>\$ 1,448,742</b>	<b>\$ 1,448,742</b>
<b>Total Authorized Amount to Date</b>		<b>\$ 44,204,015</b>	<b>\$ 17,493,326</b>	<b>\$ 26,710,689</b>

**Bold** = Ongoing Task Order



## Future Task Orders

Task Order	Description
A	Operations Plan and Regulatory Support (January 2019 - Dec 2019)
B	Public Outreach Support (April 2018 - Dec 2019)
C	PMO Core Team Staffing (April 2018 - Dec 2019)
D	Water Treatment Plant Residuals Management Study
E	Phase 2 Regulatory Support
F	Phase 2 Technical Support and Studies
G	Phase 2 Demonstration Facility Planning and Design





# Questions?



Attachment 9

Letter of  
Resignation  
from  
MetroTAC  
Chair Humora





**CITY OF  
LA MESA**

*JEWEL of the HILLS*

**GREGORY P. HUMORA**  
ASSISTANT CITY MANAGER

November 15, 2018

Mr. Jerry Jones, Metro JPA/Metro Commission Chair  
Metro Wastewater JPA  
276 Fourth Avenue  
Chula Vista, CA 91950

Re: Metro TAC Chair Resignation

Dear Chair Jones:

It is with mixed emotions that I am submitting my resignation as Chair of the Metro Technical Advisory Committee (TAC) effective November 21, 2018. It has been very a fulfilling experience working with so many bright, talented, passionate and dedicated people over the past six years as the Metro TAC Chair. The Metro JPA is truly an extraordinary organization with a very complex mission. It never ceases to amaze me what we are able to get done with such a small budget in support of the 12 agencies, 800,000 people and \$75 million in annual ratepayer funds that we represent and protect.

I am very fortunate to work at the City of La Mesa where one of our core values is regional responsibility and that La Mesa has supported my efforts with Metro TAC. But, at this time I need to shift my available resources further toward the City of La Mesa. Although our work at the JPA is never done, I feel that we are in a good place for this transition with the pending beginning of construction of the Phase I Pure Water project and successful negotiations of the Amended and Restated Wastewater Disposal Agreement. There is a very capable team at Metro TAC that I am sure will continue our efforts in an effective manner.

Thank you and good luck.

Sincerely,

Greg Humora

Cc: Councilmember Bill Baber  
Lori Peoples, Metro JPA Secretary  
Yvonne Garrett, City Manager  
Matt Vespi, Interim Director, City of San Diego Public Utilities