



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

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

**DATE:** Wednesday, January 20, 2021

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

**LOCATION:** The health and well-being of the MetroTAC members/alternates and participating staff during the COVID-19 outbreak remains our top priority. The MetroTAC is taking steps to ensure the safety of all involved by holding its September meeting electronically via Zoom.

An e-mail containing information on how to participate in the meeting will be distributed to the MetroTAC members e-mail list and approved San Diego City Staff by Monday, November 16, 2020 at 5:00 p.m. If you do not receive the e-mail, please contact Lori Peoples at [lpeoples@ci.chula-vista.ca.us](mailto:lpeoples@ci.chula-vista.ca.us)

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1. Review and Approve MetroTAC Action Minutes for the Meeting of November 18, 2020 (**Attachment**)
  2. Metro Commission/JPA Board Meeting Recap (Standing Item)
  3. **REPORT**: Update from Residuals Management Working Group (Allen Carlisle, Padre Dam MWD)
  4. **REPORT**: Industrial Discharge Permit (Beth Gentry/Tom Rosales)
  5. Metro Wastewater Update (Financial) (Standing Item) (Edgar Patino)
  6. Metro Wastewater Update (General) (Standing Item) (Tom Rosales)
  7. Metro Capital Improvement Program and Funding Sources (Standing Item) (Tung Phung)
  8. Pure Water Program Update (Standing Item) (John Stufflebean)
  9. **PRESENTATION**: Pure Water Phase II Update (Dexter Wilson/Scott Tulloch/John Stufflebean/Doug Owen) (**Attachment**)
  10. Financial Update (Standing Item) (Karyn Keese)
  11. **REPORT**: IRWMP Update (Standing Item) (Beth Gentry)
  12. MetroTAC Work Plan (Standing Item) (Roberto Yano) (**Attachment**)
  13. Review of Items to be Brought Forward to the Regular Metro Commission/Metro JPA Meeting (**February 4, 2021**)
  14. Other Business of Metro TAC
  15. Adjournment ([To the next Regular Meeting February 17, 2021](#))

**Metro TAC 2021 Meeting Schedule**

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

# ATTACHMENT 1

## ACTION MINUTES FOR THE MEETING OF NOVEMBER 18, 2020



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

**ACTION MINUTES**

**DATE OF MEETING:** November 18, 2020

**TIME:** 11:00 AM

**LOCATION:** Zoom Meeting held On Line

**MEETING ATTENDANCE:**

Roberto Yano, National City  
Beth Gentry, Chula Vista  
Frank Rivera, Chula Vista  
Ed Walton, Coronado  
Joe Bride, Del Mar  
Yazmin Arellano, El Cajon  
Dennis Davies, El Cajon  
Blake Behringer, El Cajon  
Eric Minicilli, Imperial Beach  
Hamed Hashemian, La Mesa  
Mike James, Lemon Grove  
Steven Beppler, Otay WD  
Bob Kennedy, Otay WD  
Mark Niemiec, Padre Dam MWD  
Troy DePriest, Poway  
Jessica Parks, Poway  
Angela Martinez, Poway  
Dan Brogadir, County of San Diego

John Stufflebean, City of San Diego  
Tom Rosales, City of San Diego  
Peter Vroom, City of San Diego  
Edgar Patino, City of San Diego  
Joy Newman, City of San Diego  
Keli Balo, City of San Diego  
Claudio Fassardi, Jacobs  
Paulo Silva, Jacobs  
Mark Seits  
Mark Hiat  
Tomas Maur

Doug Owen, Stantec

Dean Gipson, HDR

Pete Wong

Nicholaus Norvell, BBK Assistant General Counsel  
Dexter Wilson, Wilson Engineering  
Carmen Kasner, NV5  
Scott Tulloch, NV5  
Karyn Keese, the Keze Group  
Lori Anne Peoples, MetroTAC

**1. Review and Approve MetroTAC Action Minutes for the Meeting of October 21, 2020**

**ACTION:** Motion by Ed Walton, seconded by Eric Minicilli, the Minutes be approved. Motion carried unanimously.

**2. Metro Commission/JPA Board Meeting Recap**

MetroTAC Chair Roberto Yano provided a brief overview of the November 18 Metro JPA meeting noting that they had heard the presentation on the City of San Diego Sanitary; Sewer Overflow Incident; approved the JCI Jones Chemicals contract; John Stufflebean had reported that OPRA ii was going forward; the 2021 Calendar of meetings had been approved, a copy of the Residuals Agreement had been sent out with a memo of

clarification last night for review; the JPA has issues to be determined still in the next Amended/Restated Agreement.

**3. REPORT: Update from Residuals Management Working Group**

Mark Niemiec of Padre Dam Municipal Water District provided a brief update on the Residuals Agreement, noting that amendment was in final form and was going to the East County JPA for approval on Thursday and the City of San Diego Environmental Committee. Once the City Council signs the Padre Dam Board will sign and then they can move on to the additional items to be resolved.

**4. PRESENTATION: Point Loma Wastewater Treatment Plant Coastal Erosion Assessment**

Tom Rosales, Assistant Director Public Utilities Department, City of San Diego introduced the consultants from HDR, Jacobs and Atlas who would be presenting the item. They are looking at the condition of the facility but also erosion of the property around the facility. Both HDR and Jacob are consultants on the erosion study. There is a lot happening on the site and issues with potential future access. This is step 1 in a long process.

Dean Gipson of HDR introduced Claudio Fassardi from Jacobs who stated that this study started in May. They then reviewed the PowerPoint presentation which was included in the agenda package. The presentation included the following sections: Project Overview; Motivation: Assets at Risk; Tasks Overview: Task 2 – Collection of Information, Task 3 – Site Characterization, Task 4- Condition Assessment; Condition Assessment Results and Preliminary Recommendations.

Scott Tulloch of NV5 inquired as to whether they could use the unused road through the Navy property if needed. Tom Rosales, City of San Diego stated he had reached out to the Navy and established the ability to move chemical trucks through their access but only the chemical trucks. The shuttling of City employees from the north does not seem viable at this time. Park Services has been contacted also and they have been working with them for the past 2-4 weeks but they prefer to see “nature take its course”. The City will continue to try to build a short term solution to work with them. He noted they are looking at moving the road, building a bridge etc. and are putting data into a data collections system. There are a lot of moving pieces but they have been working hard on it. Currently they are using measurement and traffic control by only using the most easterly lane. The next milestone is to complete an agreement with the Park Services and he will provide updates to the MetroTAC and JPA as they proceed.

**5. PRESENTATION: Industrial Wastewater Control Program (IWCP)**

Tom Rosales, Assistant Director Public Utilities Department, City of San Diego introduced Joy Neuman, City of San Diego Industrial Wastewater Control Program Manager, provided a brief overview of her PowerPoint presentation attached to the agenda inclusive of their general role; their role in regulations; the 1996 Local Limits Study; the Pure Water Program; program evaluations, audits and 2018 program recommendations.

Mike James of Lemon Grove requested Joy send all PA's their original agreements for review. Ms. Newman stated she would do so. Karyn Keese requested a copy of the Cost of

Service Study from the City of San Diego.

#### **6. Metro Wastewater Update (Financial)**

Edgar Paterno, City of San Diego stated that Charles Modica had accepted another position so he is no longer in the department. The position is open for recruitment and no interim appointment has been made at this time. He will provide more information when available.

#### **7. Metro Wastewater Update (General)**

Tom Rosales, City of San Diego reported that OPRA II had passed 395 to 4 by the house and was now on its way to the Senate.

#### **8. Metro Capital Improvement Program and Funding Sources**

This item was continued to next month for presentation by Tung Phung.

#### **9. Pure Water Program Update**

John Stufflebean, City of San Diego reported that Phase I second round was going out. This includes the reclamation facility expansion and the pipeline on Miramar Road. The ECWR JPA was going to the Environmental Commission Monday and then the City Council on either December 8<sup>th</sup> or 15<sup>th</sup> for their approval. The report on the brine line alternatives has been received and there will be a meeting Friday to review and discuss for the best choice. There is a meeting today to discuss regulatory issues for Lake Murray. He had met with Scott and Dexter regarding the cost of Phase II analysis. It was a great meeting and all thoughts and discussion will be brought back to the TAC. They are still working with the Stormwater department on a way to combine with Pure Water.

Doug Owen, Stantec stated that they are still evaluating the bids on the construction contracts and the Morena Pump Station bids are due December 17<sup>th</sup>.

John Stufflebean further stated that Allie in the Mayor's Office is working with Allen Langworthy and Tom Zeleny to make sure the bill has what we want and do not anticipate any problem getting it through the Senate. This will remove the need to do a waiver every 5 years.

Dexter Wilson of Wilson Engineering thanked the City of San Diego and John Stufflebean for their assistance on reaching the two major milestones of the Residuals Agreement and Secondary. The team had moved right along and accomplished major goals.

#### **10. Pure Water Phase II Update**

John Stufflebean stated there was not a lot to report. They are looking at how to incorporate the new information being received at Pt. Loma erosion into the cost to build.

#### **11. Financial Update**

Karyn Keese reported that she and Dexter Wilson had met with Lisa and Charles prior to his leaving and have set up a monthly meeting to review 2.9 and the tasks ahead and to start

working on them.

**12. REPORT: Industrial Wastewater Control Committee Update**

Beth Gentry, City of Chula Vista stated there had not been a meeting but that it would be good to meet prior to January and maybe Joy can give a draft presentation on the Cost of Service.

**13. REPORT: IRWMP Update**

Beth Gentry, City of Chula Vista stated that there had not been a meeting but the next is scheduled for December 7<sup>th</sup> or 8<sup>th</sup>.

**14. REPORT: Plan B Working Group**

Eric Minicilli stated they had not met.

**15. MetroTAC Work Plan**

Karyn Keese of the Keze Group, LLC stated she was working on an update.

**15. Review of Items to be Brought Forward to the Regular Metro Commission/Metro Wastewater JPA Meeting December 3, 2020**

Presentations under items 4 & 5 will move forward unless the meeting is cancelled.

**17. Other Business of MetroTAC**

Motion by Eric Minicilli, City of Imperial Beach, seconded by Mike James, City of Lemon Grove to cancel the December 16, 2020 MetroTAC meeting. Motion carried unanimously.

**18. Adjournment to the Next Regular Meeting November 18, 2020**

There being no further business, MetroTAC Chair Roberto Yano adjourned the meeting at 12:28 p.m.

# ATTACHMENT 9

## PURE WATER



# Pure Water Phase 2 Alternatives Refinement

## DRAFT Cost Estimating Presentation

Metro JPA Technical Advisory Committee  
January 20, 2021

- **Summary of Alternatives**
- **Construction Cost Approach**
- **Draft Cost Estimates**
- **Preparation for Presentation to the JPA Commission**



# Summary of Alternatives

## Alternatives include combinations of:

- **CA Water Reclamation Plant**
  - Point Loma WTP
  - Harbor Drive
- **CA Pure Water Facility**
  - Harbor Drive
  - Mission Valley
- **Options With and Without:**
  - Waiver / Secondary Equivalency
  - Padre Dam 11.5 mgd ECAWP part of a “regional” 83 mgd solution
  - Brine / Treated Centrate Bypass PLWTP directly to Point Loma Ocean Outfall





# Summary of Alternatives

Alt	Secondary Equiv	Brine/Treated Centrate Bypass	Regional Purified Water Production	CAWRP/CAPWF Combined at Harbor Dr	Phase 2 Pure Water Production (mgd)
1A	✓				53
1B					53
1C	✓	✓			53
1D		✓			53
1E	✓		✓		41.5
1F*		✓	✓		41.5
1G	✓		✓	✓	41.5
1H*		✓	✓	✓	41.5
3A	✓	✓			53
3B		✓			53
3C	✓	✓	✓		41.5
3D		✓	✓		41.5

Alt 1x – CAWRP at Harbor Drive; Alt 3x – CAWRP at PLWTP

\*Revising Alt 1F and Alt 1H to remove B/C Bypass



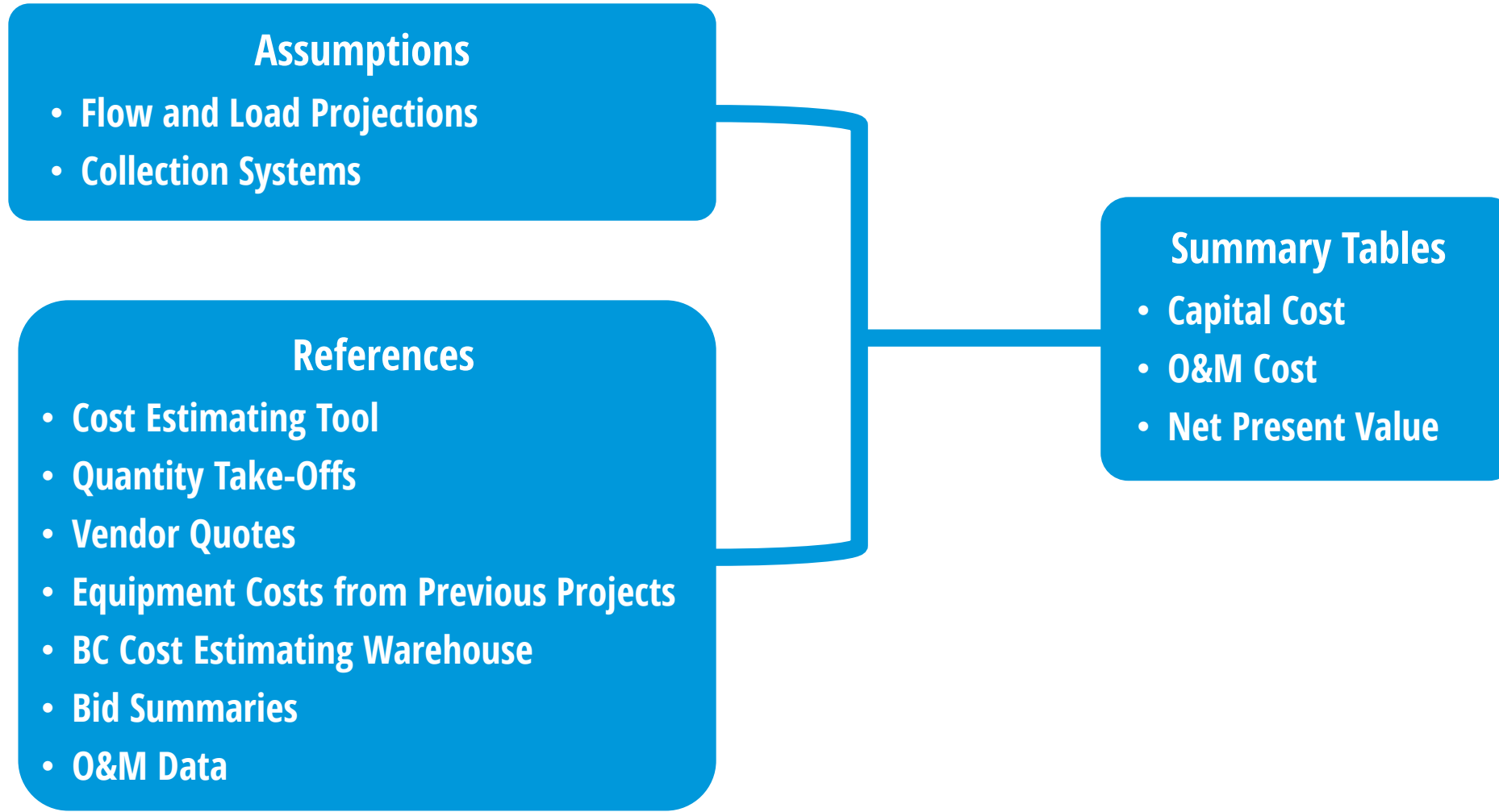
# Peak Treatment Capacity at PLWTP for Phase 2 Pure Water Alternatives

Alt	Secondary Equiv	Brine/Treated Centrate Bypass	Regional Purified Water Production	CAWRP/CAPWF Combined at Harbor Dr	Phase 2 Pure Water Production (mgd)	Peak Treatment Capacity Provided at the PLWTP (mgd)
1A	✓				53	432
1B					53	285
1C	✓	✓			53	432
1D		✓			53	263
1E	✓		✓		41.5	432
1F		✓	✓		41.5	277
1G	✓		✓	✓	41.5	432
1H		✓	✓	✓	41.5	277
3A	✓	✓			53	324
3B		✓			53	327
3C	✓	✓	✓		41.5	324
3D		✓	✓		41.5	327

Alt 1x – CAWRP at Harbor Drive; Alt 3x – CAWRP at PLWTP



# Construction Cost Approach





- Treatment and Conveyance Facilities
- Class 5 Conceptual Planning Level Estimate
- Anticipated Accuracy Range -50% to +100%
- 40% Contingency
- 2020 Construction and Delivery Costs
- Does Not Include:
  - *Escalation to midpoint of construction*
  - *Hazardous materials remediations and/or disposal*
  - *Impacts from COVID-19*
  - *Rock excavation*
  - *Permitting/coordination efforts with Navy at PLWTP*

- **“Bottom Up” Estimates**
  - *Site Work, Demolition, Excavations, Retaining Walls*
  - *Buildings \$/SF*
- **Lump Sump Allowances**
  - *Mob / Demob, Landscaping, BMPs*
  - *Site Constraints, Geotechnical*
- **Equipment Costs by Treatment Process**
- **Compared to \$/mgd Treatment Plant Bids and Engineer’s Estimates**

- **Alternative 1 options with Secondary Equivalency include:**
  - *\$125.0M Primary Sedimentation Basins 1 – 6 Replacement*
  - *\$41.4M Primary Sedimentation Basins 7 -12 Resurfacing*
- **PSB Replacement/Resurfacing Costs consider:**
  - *PSBs 1-6: Complete replacement, including odor control and mechanical / electrical / instrumentation*
  - *PSBs 7-12: Concrete resurfacing / relining; does not include odor control and mechanical / electrical / instrumentation replacement*

## ■ Harbor Drive

- *Geotech Improvements due to groundwater and existing geology*
- *Promenade*
- *Excludes Treatment for Sea Level Rise (SLR)*
  - Need regional solution to SLR
  - Common to all alternatives
  - Consider in qualitative evaluation

## ■ Mission Valley

- *Geotech Improvements due to groundwater and existing geology*
- *Retaining wall*
- *Promenade*

## ■ Point Loma

- *Soil import/export*
- *Filling of voids, sea caves*
- *Retaining wall*
- *Sheeting and shoring to preserve existing structures during construction*
- *Excludes sea wall improvements*
  - Common to all alternatives; needed regardless of which alternative is selected
  - Consider in qualitative evaluation

- **Tunnels**

- *“Bottom Up” Estimates for Major Tunnels*
- *\$/inch-diameter casing/linear foot for Trenchless Crossings*

- **Open Trench Pipelines - \$/inch diameter/linear foot**

- **Pump Stations - \$/HP**

- **Validated Costs Against Recent North City Bids**



# Draft Cost Estimates





# Summary of Alternatives

Alt	Secondary Equiv	Brine/Treated Centrate Bypass	Regional Purified Water Production	CAWRP/CAPWF Combined at Harbor Dr	Phase 2 Pure Water Production (mgd)
1A	✓				53
1B					53
1C	✓	✓			53
1D		✓			53
1E	✓		✓		41.5
1F*		✓	✓		41.5
1G	✓		✓	✓	41.5
1H*		✓	✓	✓	41.5
3A	✓	✓			53
3B		✓			53
3C	✓	✓	✓		41.5
3D		✓	✓		41.5

Alt 1x – CAWRP at Harbor Drive; Alt 3x – CAWRP at PLWTP

\*Alts 1F and 1H will be revised to remove B/C Bypass





# Additional Cost for Brine/Treated Centrate Bypass

Alternative	Capital Cost	Pure Water Production	Secondary Equivalency	Brine/Treated Centrate Bypass
1A	\$3.50 B	53 mgd	✓	
1B	\$3.92 B	53 mgd		
1C	\$3.99 B	53 mgd	✓	✓
1D	\$4.52 B	53 mgd		✓
1E	\$3.22 B	41.5 mgd	✓	
1F	\$4.36B	41.5 mgd		✓
1G	\$3.00 B	41.5 mgd	✓	
1H	\$4.00 B	41.5 mgd		✓

Centrate Treatment and Brine/Centrate Bypass Adds ~\$0.5B Capital Costs

Costs include treatment and conveyance

- For Alternative 1 scenarios, centrate treatment and brine/centrate bypass line:
  - *Does not reduce water reclamation plant bioreactor volumes*
    - Flow to Harbor Drive can be accessed upstream of brine/centrate confluence
  - *Contribution can be treated effectively to achieve 30/30 secondary effluent with existing CEPT facilities at Point Loma*
  - *Adds significant cost*
- Alternatives 1C and 1D do not merit further investigation
- Brine/centrate bypass for 1F and 1H do not merit further investigation
- Brine/centrate bypass to PLOO is required only for Alternative 3 scenarios
  - *Water reclamation plant basin size is significantly increased without bypass*



# Updated Summary of Alternatives

Alt	Secondary Equiv	Centrate Treatment (B/C Bypass)	Regional Purified Water Production	CAWRP/CAPWF Combined at Harbor Dr	Phase 2 Pure Water Production (mgd)
1A	✓				53
1B					53
1C	✓	✓			53
1D		✓			53
1E	✓		✓		41.5
1F*			✓		41.5
1G	✓		✓	✓	41.5
1H*			✓	✓	41.5
3A	✓	✓			53
3B		✓			53
3C	✓	✓	✓		41.5
3D		✓	✓		41.5

Alt 1x – CAWRP at Harbor Drive; Alt 3x – CAWRP at PLWTP

\*Revised Alt 1F and Alt 1H to remove B/C Bypass

# Expandability from 41.5 mgd to 53 mgd

Alternative	Capital Cost	Pure Water Production	Secondary Equivalency
1A	\$3.50 B	53 mgd	✓
1B	\$3.92 B	53 mgd	
1E	\$3.22 B	41.5 mgd	✓
1F	\$3.70 B	41.5 mgd	
1G*	\$3.00 B	41.5 mgd	✓
1H*	\$3.47 B	41.5 mgd	

\*Not expandable to 53 mgd

Costs include treatment and conveyance

- City is considering 41.5 mgd and 53 mgd alternatives
- Alternatives 1G and 1H with CAWRP and CAPWF co-located at Harbor Drive are extremely constrained
- Alternatives that restrict ability to expand to 53 mgd will not be considered
- Alternatives 1G and 1H do not merit further investigation

Alt	Secondary Equiv	Brine/Treated Centrate Bypass	Regional Purified Water Production	CAWRP/CAPWF Combined at Harbor Dr	Phase 2 Pure Water Production (mgd)
1A	✓				53
1B					53
1C	✓	✓			53
1D		✓			53
1E	✓		✓		41.5
1F*			✓		41.5
1G	✓		✓	✓	41.5
1H*			✓	✓	41.5
3A	✓	✓			53
3B		✓			53
3C	✓	✓	✓		41.5
3D		✓	✓		41.5

Alt 1x – CAWRP at Harbor Drive; Alt 3x – CAWRP at PLWTP

\*Revised Alt 1F to remove B/C Bypass

# 53 mgd Alternative Capital Cost Comparison

Alternative	Capital Cost	Pure Water Production	Secondary Equivalency	Brine/Treated Centrate Bypass	Description
1A	\$3.50 B	53 mgd	✓		CEPT/MBR CAWRP at Harbor Drive
1B	\$3.92 B	53 mgd			CEPT/MBR CAWRP at Harbor Drive; CEPT/BAF at PLWTP
3A	\$4.05 B	53 mgd	✓	✓	Densadeg/MBR CAWRP at PLWTP
3B	\$4.25 B	53 mgd		✓	Densadeg/MBR CAWRP at PLWTP; BAF for remaining secondary

Costs include treatment and conveyance

# 41.5 mgd Alternative Capital Cost Comparison

Alternative	Capital Cost	Pure Water Production	Secondary Equivalency	Brine/Treated Centrate Bypass	Description
1E	\$3.22 B	41.5 mgd	✓		CEPT/MBR CAWRP at Harbor Drive
1F*	\$3.70 B	41.5 mgd			CEPT/MBR CAWRP at Harbor Drive; Densadeg/BAF at PLWTP
3C	\$3.81 B	41.5 mgd	✓	✓	Densadeg/MBR CAWRP at PLWTP
3D	\$4.08 B	41.5 mgd		✓	Densadeg/MBR CAWRP at PLWTP; BAF for remaining secondary

\*Does not include brine/centrate bypass

Costs include treatment and conveyance

# 53 mgd Alternative O&M Cost Comparison

Alternative	O&M Cost	Pure Water Production	Secondary Equivalency	Brine/Centrates Bypass	Description
1A	\$115.9 M	53 mgd	✓		CEPT/MBR CAWRP at Harbor Drive
1B	\$123.3 M	53 mgd			CEPT/MBR CAWRP at Harbor Drive; CEPT/BAF at PLWTP
3A	\$123.0 M	53 mgd	✓	✓	Densadeg/MBR CAWRP at PLWTP
3B	\$127.5 M	53 mgd		✓	Densadeg/MBR CAWRP at PLWTP; BAF for remaining secondary

Costs include treatment and conveyance



# 41.5 mgd Alternative O&M Cost Comparison

Alternative	O&M Cost	Pure Water Production	Secondary Equivalency	Brine/Centrates Bypass	Description
1E	\$93.5 M	41.5 mgd	✓		CEPT/MBR CAWRP at Harbor Drive
1F*	\$101.9 M	41.5 mgd			CEPT/MBR CAWRP at Harbor Drive; Densadeg/BAF at PLWTP
3C	\$105.0 M	41.5 mgd	✓	✓	Densadeg/MBR CAWRP at PLWTP
3D	\$109.0 M	41.5 mgd		✓	Densadeg/MBR CAWRP at PLWTP; BAF for remaining secondary

**\*Does not include brine/centrate bypass**

**Costs include treatment and conveyance**

- Brine/centrate bypass does not add value for the Alternative 1 scenarios
- Alternative 1 scenarios have lower capital and O&M costs than corresponding Alternative 3 scenarios
- Construction at the PLWTP will be severely challenged
  - *Site constraints*
  - *Construction access*
  - *Geotechnical stability*

- City is considering 41.5 mgd and 53 mgd Alternatives
- Constructing WRP and PWF facilities for 41.5 mgd on Harbor Drive site limits flexibility for future expansion
- Alternatives that do not merit further investigation:
  - *Alternatives 1C and 1D - Alternative 1 options with B/C Bypass*
  - *Alternatives 1G and 1H – not expandable to 53 mgd*



# Alternatives Cost Estimate Summary

Alternative	Capital Cost	O&M Cost	Pure Water Production	Secondary Equivalency	B/C Bypass	CAWRP Description
1A	\$3.50 B	\$115.9 M	53 mgd	✓		CEPT/MBR CAWRP at Harbor Drive
1B	\$3.92 B	\$123.3 M	53 mgd			CEPT/MBR CAWRP at Harbor Drive
1E	\$3.22 B	\$93.5 M	41.5 mgd	✓		CEPT/MBR CAWRP at Harbor Drive
1F	\$3.70 B	\$101.9 M	41.5 mgd			Densadeg/Clarifiers/Filters CAWRP at Harbor Dr
3A	\$4.05 B	\$123.0 M	53 mgd	✓	✓	Densadeg/MBR CAWRP at PLWTP
3B	\$4.25 B	\$127.5 M	53 mgd		✓	Densadeg/MBR CAWRP at PLWTP
3C	\$3.81 B	\$105.0 M	41.5 mgd	✓	✓	Densadeg/MBR CAWRP at PLWTP
3D	\$4.08 B	\$109.0 M	41.5 mgd		✓	Densadeg/MBR CAWRP at PLWTP



# Preparation for JPA Meetings



- **Metro TAC Meeting - *January 20 (today)***
- **Metro TAC Meeting (second review of costs) - *February 17***
- **Metro Commission Meeting - *March 4***



# Discussion



# Summary of Alternatives

Alt	Secondary Equiv	Brine/Treated Centrate Bypass	Regional Purified Water Production	CAWRP/CAPWF Combined at Harbor Dr	Phase 2 Pure Water Production (mgd)
1A	✓				53
1B					53
1C	✓	✓			53
1D		✓			53
1E	✓		✓		41.5
1F*		✓	✓		41.5
1G	✓		✓	✓	41.5
1H*		✓	✓	✓	41.5
3A	✓	✓			53
3B		✓			53
3C	✓	✓	✓		41.5
3D		✓	✓		41.5

Alt 1x – CAWRP at Harbor Drive; Alt 3x – CAWRP at PLWTP

\*Revising Alt 1F and Alt 1H to remove B/C Bypass



# ATTACHMENT 15

METROTAC

UPDATE/WORK PLAN

**Metro TAC & JPA Work Plan**  
**Active & Pending Items**  
**January 2021**  
*Updated Items in Red Italics*

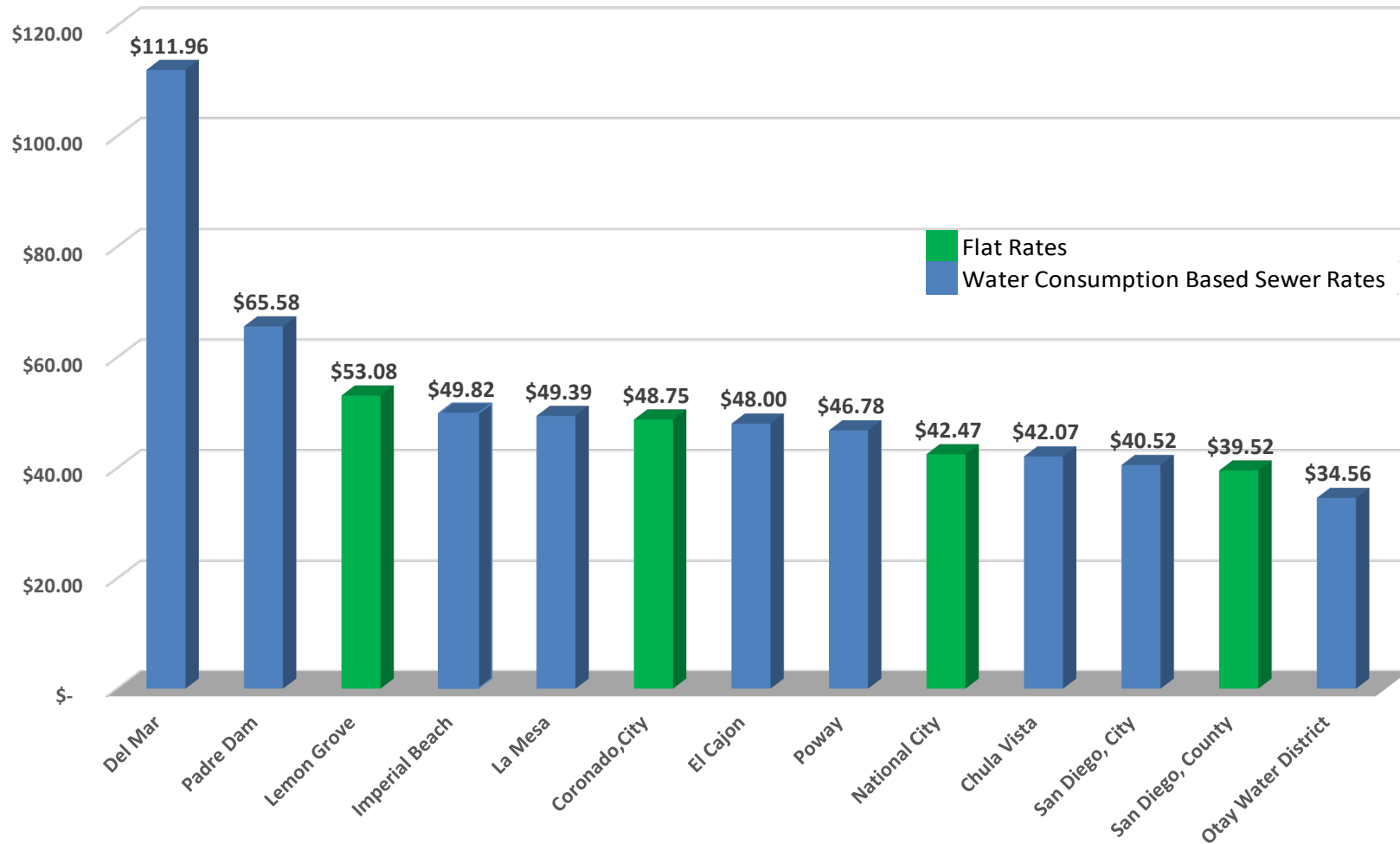
Active Items	Description	Member(s)
SB 332 Working Group	SB 332 (Hertzberg/Weiner) relates to wastewater treatment for recycled water and agencies with ocean outfalls. It requires the entity that owns the wastewater treatment facility that discharges through an ocean outfall and affiliated water suppliers (it defines water not wastewater suppliers) to reduce the facilities annual flow as compared to the average annual dry weather wastewater discharge baseline volume as prescribed by at least 50% on or before January 1, 2030 and by at least 95% on or before January 1, 2040. The working group was formed to track the process of this legislation.	<i>Yazmin Arellano Beth Gentry Hamed Hashemian</i>
Muni Transportation Rate Study Working Group	6/19: Working Group has presented an alternative plan which the City is reviewing.	Roberto Yano Yazmin Arellano Dan Brogadir Carmen Kasner Mark Niemiec Dexter Wilson SD staff
Point Loma Permit Ad Hoc	Metro Commission/JPA Ad Hoc established 9/17. GOAL: Create regional water reuse plan so that both a new, local, diversified water supply is created AND maximum offload at Point Loma is achieved to support legislation for permanent acceptance of Point Loma as a smaller advanced primary plant. Minimize ultimate Point Loma treatment costs and most effectively spend ratepayer dollars through successful coordination between water and wastewater agencies. <i>1/21 This group continues to meet as needed.</i>	Jerry Jones Jim Peasley Ed Spriggs Bill Baber Jill Galvez Metro TAC staff & JPA consultants
Phase II Pure Water Facilities Working Group	Created to work with SD staff & consultants on determining Phase II facilities and costs. <i>1/21: Alternatives have been narrowed to two.</i>	Roberto Yano Scott Tulloch Dexter Wilson SD staff & consultants
Phase I Financial Implementation Working Group	This working group was formed to continue to work on Section 2.9.1 and other financial implementations issues in Exhibit F associated with the Amended Restated Agreement. <i>1/21: Group will start meeting once the ARA is fully signed (January 2021) on a regular basis with a goal to complete all tasks by 1/22.</i>	Roberto Yano Karyn Keese Dexter Wilson SD staff & consultants
Phase II Disposal Agreement Working Group	This group was created to negotiate the 2 <sup>nd</sup> Amended Restated Agreement ARA2) which will incorporate the completed financial and other items from the first ARA. <i>1/21: Working Group is meeting with SD staff to set up framework for ARA2 process.</i>	Roberto Yano Eric Minicilli Karyn Keese Scott Tulloch Dexter Wilson SD staff & consultants
Pretreatment Working Group	Formed to work with San Diego on new standards for industrial waste discharge and cost allocation of same. <i>1/21: SD is trying to formalize a pretreatment rate case and has hired a consultant. Monthly updates are presented at TAC.</i>	<b>Beth Gentry</b> Interested JPA members Dexter Wilson SD Staff & Consultants



**Metro TAC & JPA Work Plan**  
**Active & Pending Items**  
**January 2021**  
***Updated Items in Red Italics***

Active Items	Description	Member(s)
JPA Website Update Working Group	The JPA Website, especially the New Director Manual, has not been updated for several years. <i>1/21: Working group has started revisions and is looking for technical members to assist.</i>	Roberto Yano Karyn Keese Lori Peoples
Exhibit E Audit	<i>1/21: FY2019 Exhibit E audit is in fieldwork stage. JPA team reviewing SD responses to sample questions.</i>	Karen Jassoy Karyn Keese Dexter Wilson
IRWMP	JPA Members should monitor funding opportunities at: <a href="http://www.sdirwmp.org">http://www.sdirwmp.org</a> <i>1/21: Beth Gentry continues to give monthly TAC updates. Details can be found in minutes of each meeting.</i>	Yazmin Arellano Beth Gentry
Changes in wastewater/water legislation	BBK, Metro TAC and the Board should monitor and report on proposed and new legislation or changes in existing legislation that impact wastewater conveyance, treatment, and disposal, including recycled water issues	BBK JPA members as appropriate

**Sewer Rate Comparison for Metro Participating Agencies**  
**Single Family Monthly Rates Based on 7 HCF of Water Usage**  
**Effective January 1, 2021 for FY 2021**



# Metro TAC Participating Agencies Selection Panel Rotation

Agency	Representative	Selection Panel	Date Assigned
County of San Diego	Dan Brogadir	As-Needed Condition Assessment Contract	3/24/2015
Chula Vista	Roberto Yano	Out on Leave	6/10/15
La Mesa	Greg Humora	North City to San Vicente Advanced Water Purification Conveyance System	6/10/15
Poway	Mike Obermiller	Real Property Appraisal, Acquisition, and Relocation Assistance for the Public Utilities Department	11/30/15
El Cajon	Dennis Davies	PURE WATER RFP for Engineering Design Services	12/22/15
Lemon Grove	Mike James	PURE WATER RFP Engineering services to design the North City Water reclamation Plant and Influence conveyance project	03/16/15
National City	Kuna Muthusamy	Passes	04/04/2016
Coronado	Ed Walton	As-Needed Environmental Services - 2 Contracts	04/04/2016
Otay Water District	Bob Kennedy	As Needed Engineering Services Contract 1 & 2	04/11/2016
Del Mar	Eric Minicilli	Pure Water North City Public Art Project	08/05/2016
Padre Dam	Al Lau	Biosolids/Cogeneration Facility solicitation for Pure Water	08/24/2016
County of San Diego	Dan Brogadir	Pure Water North City Public Art Project	08/10/2016
Chula Vista	Roberto Yano	Design Metropolitan Biosolids Center (MBC) Improvements Pure Water Program	9/10/2016
La Mesa	Greg Humora	Design of Metropolitan Biosolids Center (MBC) Improvements	9/22/16
Poway	Mike Obermiller	Electrodialysis Reversal (EDR) System Maintenance	12/7/16
El Cajon	Dennis Davies	As-Needed Construction Management Services for Pure Water	3/13/17
Lemon Grove	Mike James	Morena Pipeline, Morena Pump Station, Pure Water Pipeline and Dechlorination Facility, and the Subaqueous Pipeline	8/7/17
National City	Vacant	North City and Miramar Energy Project Landfill Gas and Generation- Pass	1/31/2018
Coronado	Ed Walton	North City and Miramar Energy Project Landfill Gas and Generation	1/31/2018
Otay Water District	Bob Kennedy	As Needed Engineering Services - Contracts 3 and 4 (H187008 & H187009)	2/16/2018
Del Mar	Joe Bride	Request for Proposal Owner Controlled Insurance Program (OCIP) Pure Water – 1 <sup>st</sup> email sent on 5/23/18 & 2 <sup>nd</sup> email sent on 5/29/18	5/23/18
Padre Dam	Al Lau	Request for Proposal Owner Controlled Insurance Program (OCIP) Pure	5/31/18

		Water (Mark Niemiec will participate)	
County of San Diego	Dan Brogadir	Request for Owner Controlled Insurance Program Interview (Pure Water)	2/25/19
Chula Vista	Frank Rivera Beth Gentry	Request for Owner Controlled Insurance Program Interview (Pure Water)	2/26/19
Imperial Beach	Eric Minicilli	RSP Metro Metering	4/22/2020
La Mesa	Hamed Hashemian		
Poway	Eric Heidemann Troy DePriest		
El Cajon	Dennis Davies Yazmin Arellano		
Lemon Grove	Mike James		
National City	Roberto Yano		
Coronado	Ed Walton		
Otay Water District	Bob Kennedy		
Del Mar	Joe Bride		
Padre Dam	Mark Niemiec Sen Seval		
County of San Diego	Dan Brogadir		
Chula Vista	Frank Rivera		
Imperial Beach	Eric Minicilli		
La Mesa	Hamed Hashemian		
Poway	Eric Heidemann Troy DePriest		
El Cajon	Dennis Davies Yazmin Arellano		
Lemon Grove	Mike James		
National City	Roberto Yano		
Coronado	Ed Walton		
Otay Water District	Bob Kennedy		
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County of San Diego	Dan Brogadir		
Chula Vista	Frank Rivera		
Imperial Beach	Eric Minicilli		
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