

# Pure Water San Diego Phase 1 Working Groups University City Working Group Meeting #6

**July 21, 2021**

- **Welcome/Introductions**
- **Meeting Guidelines**
- **Program Update/Phase 1 Schedule**
- **NCPWF & Pump Station & Contractor Introduction (Shimmick)**
- **Morena Northern Pipelines and Tunnels & Contractor Introduction (OHL)**
- **Honoring of Working Group Members**
- **Plans for Future Information Distribution**
- **Closing and Next Steps**



# Reminders from Initial WG Meetings

- **Mission: Propose ways to avoid, minimize or mitigate concerns associated with the construction and operation of the North City Phase 1 projects**
- **Group members have committed to help create a respectful and productive work environment and to work cooperatively with other Working Group members**
- **Meetings are primarily intended for the benefit of the Working Group members to promote balanced and constructive interaction**



# Discussion Guidelines

- **All perspectives are valued**
- **One person speaks at a time**
- **Be concise – we have a limited time for the meeting today and want to be able to hear from everyone who wants to ask a question or provide a comment**
- **Any questions that require additional, outside discussion can be emailed to your Outreach Liaison**



# Virtual Meeting Ground Rules

- **There will be designated times for the project team to respond to questions throughout the meeting**
- **Type your question or comment (or indicate you have one) in the Chat box at any point during the meeting**
- **If anyone is participating by phone there will be designated times for those questions/comments**
- **Stay on mute until called on by the facilitator**
- **Questions/comments will be taken in the order received**
- **A meeting summary will be prepared and shared with members and posted on the website following the meeting – the meeting is being recorded for accuracy**

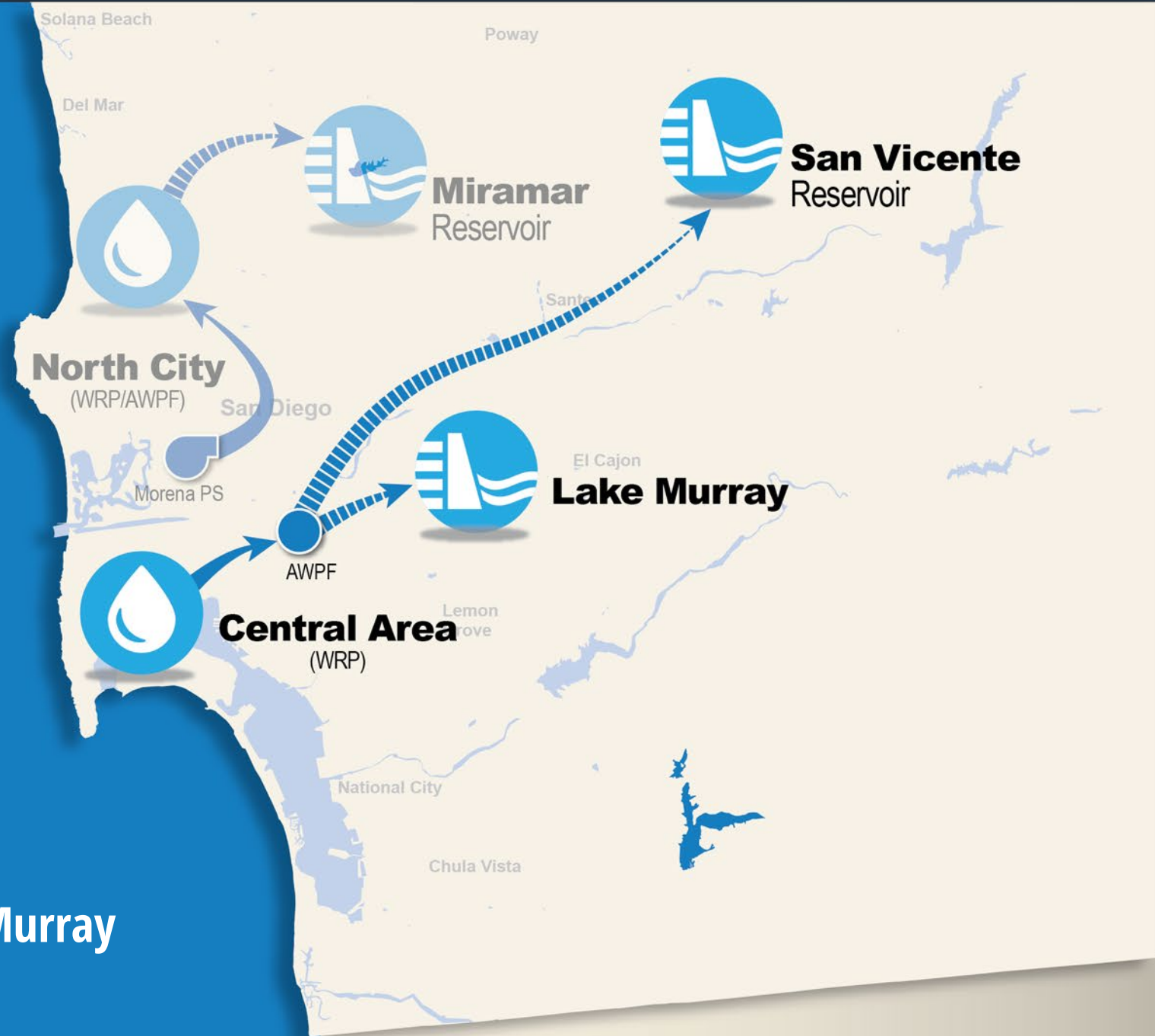
# Program Update Phase 1 Schedule

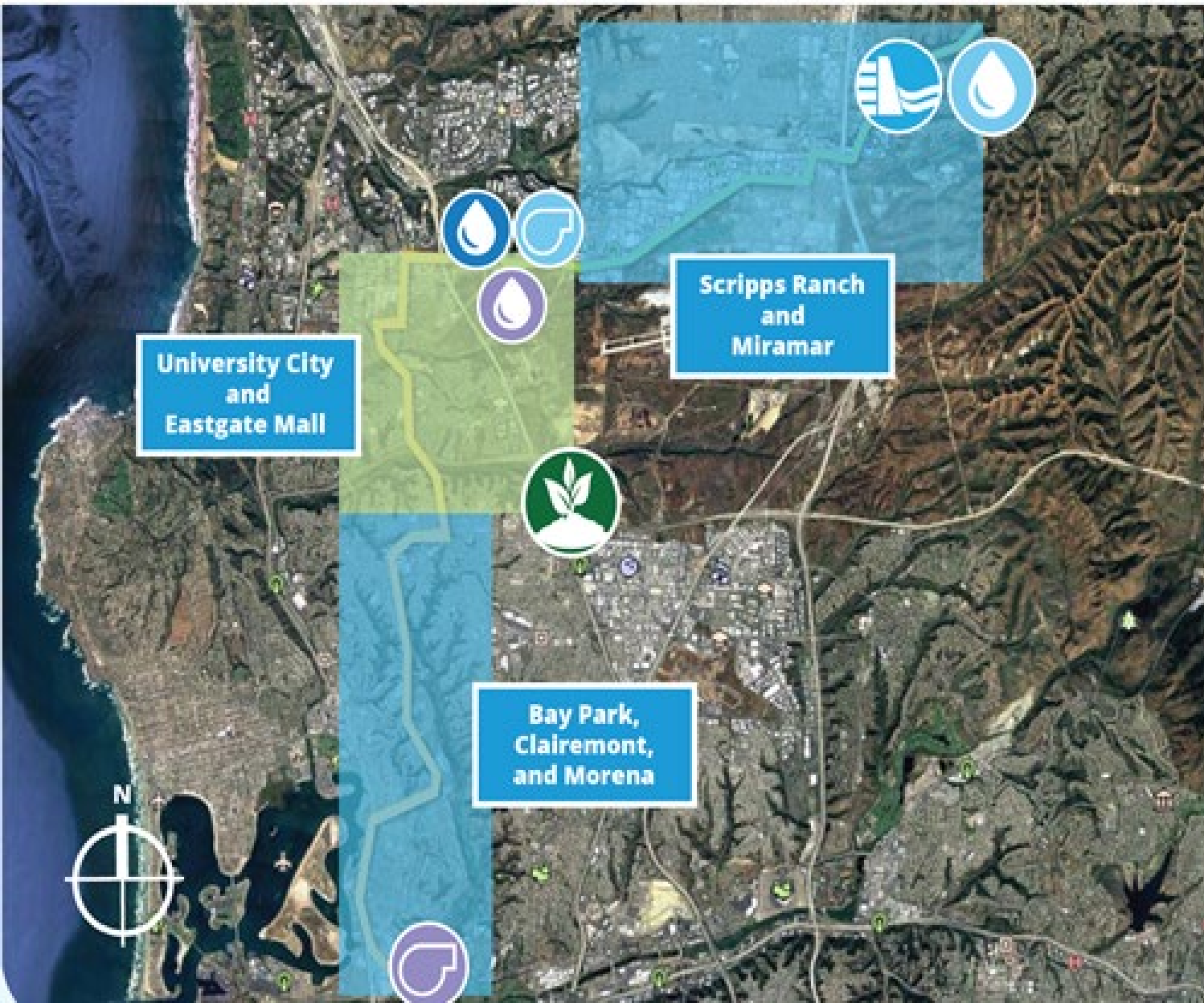
John Stufflebean

**Pure Water**  
will produce  
**1/2**  
of your water  
**locally**

## **Phase 2**

- 2035 Completion
- 53 mgd
- Central Area PWF to San Vicente or Lake Murray





## Phase 1 Construction Packages

## Bay Park, Clairemont, and Morena

- Morena Pump Station
- Morena Pipelines Southern Alignment
- Morena Pipelines Middle Alignment

## University City and Eastgate Mall

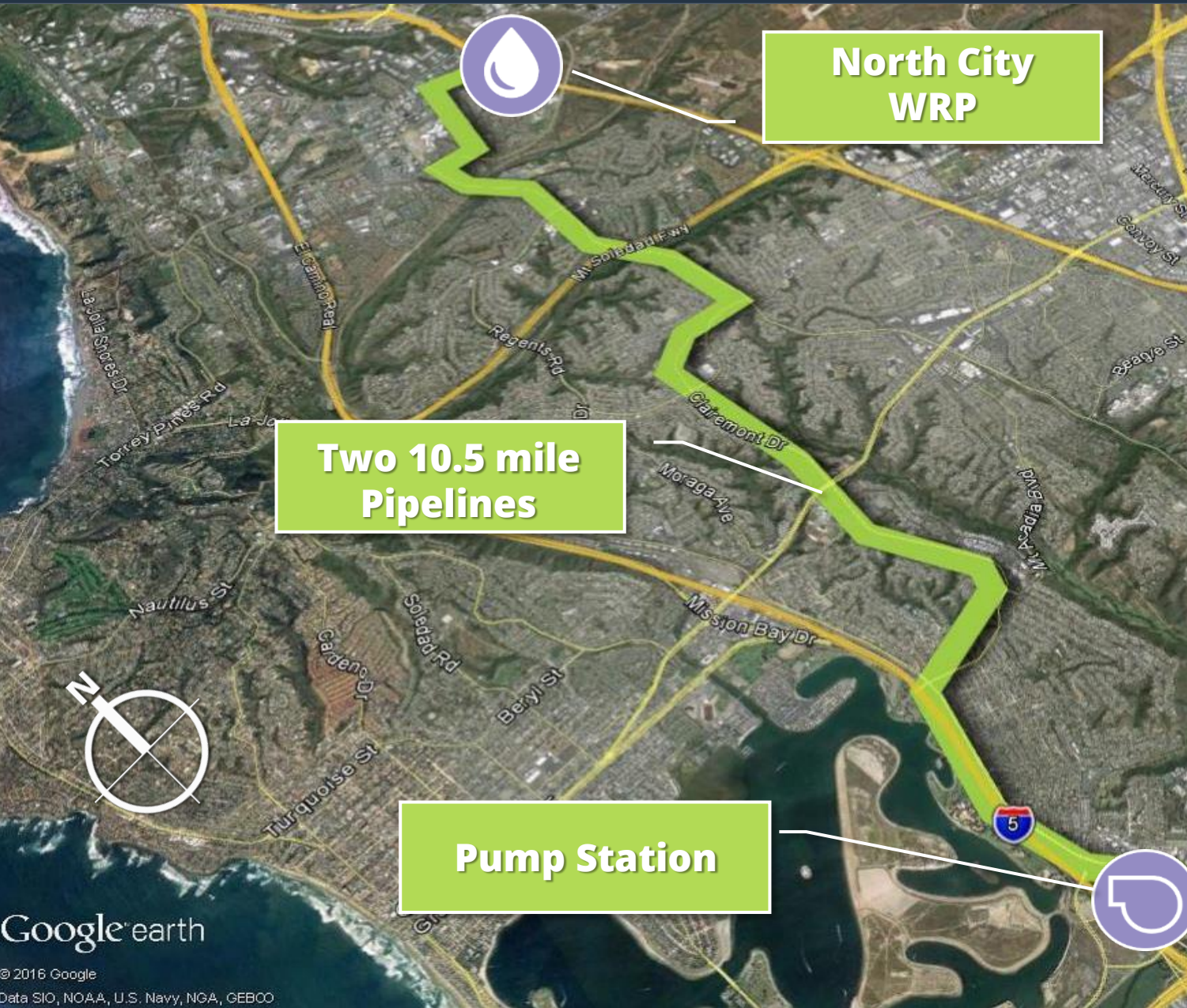
- Morena Pipelines Northern Alignment & Tunnels
- North City Pure Water Facility & Pump Station
- North City Water Reclamation Plant Expansion
- NCWRP Flow Equalization Basin
- Metro Biosolids Center Improvements

## Scripps Ranch and Miramar

- North City Pure Water Pipeline, Dechlorination Facility, & Subaqueous Pipeline
- Miramar Reservoir Pump Station Improvements



# SD Morena Pump Station and Pipelines



- Conveys wastewater to North City Water Reclamation Plant (WRP)
- Supports Phase 1 purified water and recycled water production
- Trenchless construction will be used to avoid:
  - *environmentally sensitive areas*
  - *freeway crossings*
- Construction is underway



# Phase 1 Construction – UC Community

Project/Construction Package	Anticipated Contractor Notice to Proceed	Anticipated Project Completion
North City Pure Water Facility & Pump Station	Issued in April 2021	2025
Morena Northern Pipelines & Tunnels	Issued in June 2021	2024
NCWRP Expansion, Influent Pump Station & Pipeline	August 2021	2024
Metro Biosolids Center Improvements	August 2021	2024
NCWRP Equalization Basin	December 2021	2023

# NCPWF & Pump Station Contractor Introduction: Shimmick

Sean McCarty



# North City Pure Water Facility & Pump Station

Pure Water  
Facility



Pump  
Station



NCWRP



- Treats recycled water to produce 30 mgd of purified water
- Includes a proven 5-step advanced water purification treatment process
- Construction began in April 2021





# Construction is Underway





- Founded in 1990 and currently has more than 2,500 employees
- Recent projects: Miramar Clearwell Improvements and North City Pure Water Reclamation Plant Early Site Works
- Key components of North City Pure Water Facility project:
  - *Production capacity of 34 million gallons per day of purified water*
  - *32.8 million gallons per day capacity booster conveyance Pump Station*
  - *Pump Station has four 1,000 horsepower vertical turbine pumps*



# Morena Northern Pipeline & Tunnels Contractor Introduction: OHL

Steve Lindsay

# SD Morena Northern Pipeline & Tunnels

- Two pipelines will start at Genesee/SR-52 and continue through UC to the NCWRP
  - *One transports wastewater to the NCWRP (N)*
  - *One transports brine from the NCPWF to PLWTP (S)*
- Three short tunnels (approx. 1,000 ft. long) at SR-52, Rose Canyon (Genesee), and I-805
- Morena alignment will also go through Clairemont and Bay Park/Morena communities





# SD What You Can Expect

- “Block by block” road closures to through traffic; detours will be posted
  - *Access for residents, businesses and emergency vehicles will be maintained; some delays expected*
- Construction equipment and material staging areas along the alignment; staging areas will move along with construction
- Possible intersection closures due to weekend work
- Posted detours for bike lanes, sidewalks and trails
- No parking in construction zones
- Impacts such as noise, dust, bright lights and construction vehicle traffic during work hours





# OHL USA

- Over 100 years of history and more than 2,000 employees
- West Coast operations were established in 2013
- Similar projects: Newhope Project and Mission Trails Project
- Key Components of the Morena Northern Pipelines and Tunnels project:
  - *Approximately 20,874 linear feet of 48-inch wastewater force main and 30-inch Brine concentrate conveyance pipeline*
  - *Shaft and tunnel work at I-805, Marian Bear Memorial Park and Genesee overpass*

# Honoring of Working Group Members

John Stufflebean

Pure Water San Diego Phase 1 Working Groups | University City Working Group | 2018-2021

# CERTIFICATE OF APPRECIATION

Presented to:

**BRENDA ANDERSON**

The City of San Diego honors Katie Rodolico for representing the University City community and providing useful input on the planned Pure Water San Diego Phase 1 projects.



**John Stufflebean**

Assistant Director Pure Water and Technical Services  
City of San Diego Public Utilities Department

July 21, 2021



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# CERTIFICATE OF APPRECIATION

Presented to:

**WILLIAM BECK**

The City of San Diego honors William Beck for representing the University City community and providing useful input on the planned Pure Water San Diego Phase 1 projects.



**John Stufflebean**

Assistant Director Pure Water and Technical Services  
City of San Diego Public Utilities Department

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# CERTIFICATE OF APPRECIATION

Presented to:

**BARRY BERNSTEIN**

The City of San Diego honors Barry Bernstein for representing the University City community and providing useful input on the planned Pure Water San Diego Phase 1 projects.



**John Stufflebean**

Assistant Director Pure Water and Technical Services  
City of San Diego Public Utilities Department

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Presented to:

**RUTH DESANTIS**

The City of San Diego honors Ruth Desantis for representing the University City community and providing useful input on the planned Pure Water San Diego Phase 1 projects.



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Assistant Director Pure Water and Technical Services  
City of San Diego Public Utilities Department

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# CERTIFICATE OF APPRECIATION

Presented to:

**MERLE LANGSTON**

The City of San Diego honors Merle Langston for representing the University City community and providing useful input on the planned Pure Water San Diego Phase 1 projects.



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Assistant Director Pure Water and Technical Services  
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# CERTIFICATE OF APPRECIATION

Presented to:

**JERRY MALAMUD**

The City of San Diego honors Jerry Malamud for representing the University City community and providing useful input on the planned Pure Water San Diego Phase 1 projects.



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Assistant Director Pure Water and Technical Services  
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# CERTIFICATE OF APPRECIATION

Presented to:

**AMY MURAD**

The City of San Diego honors Amy Murad for representing the University City community and providing useful input on the planned Pure Water San Diego Phase 1 projects.



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Assistant Director Pure Water and Technical Services  
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# CERTIFICATE OF APPRECIATION

Presented to:

**KATIE RODOLICO**

The City of San Diego honors Katie Rodolico for representing the University City community and providing useful input on the planned Pure Water San Diego Phase 1 projects.



**John Stufflebean**

Assistant Director Pure Water and Technical Services  
City of San Diego Public Utilities Department

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# Plans for Future Information Distribution

John Stufflebean

# Closing and Next Steps



[purewatersd.org](http://purewatersd.org)  
[phase1.purewatersd.org](http://phase1.purewatersd.org)  
[utc.purewatersd.org](http://utc.purewatersd.org)



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Sign up for **construction updates** and take the **virtual tour**