

Pure Water San Diego
Phase 1 Working Groups
Scripps Ranch/Miramar Working Group
Meeting #6

July 28, 2021

Purpose of this **Working Group Meeting**

- **Share project updates**
- **Meet the Construction Contractor: WA Rasic**
- **Discuss future information distribution plans, as construction schedule is not yet available**
- **Honor your involvement in the Scripps Ranch/Miramar Working Group**

- 1. Introductions**
- 2. Meeting Participation Guidelines**
- 3. Pure Water Program Update and Phase 1 Schedule**
- 4. North City Pure Water Pipeline Project Overview**
- 5. Contractor Introduction: WA Rasic**
- 6. Plans for Future Information Distribution**
- 7. Working Group Member Recognition**
- 8. Closing and Next Steps**

Project Team Introductions (Speakers)

- **John Stufflebean, Public Utilities Assistant Director, Pure Water Program**
- **Steve Lindsay, Senior Construction Manager**
- **Sean McCarty, Deputy Project Manager**
- **Ryan Plunk, Project Manager at WA Rasic**
- **Sarah Rossetto, Community Outreach Liaison**



Project Team **Introductions**

- **Fabiola Amarillas, Project Manager**
- **Clem Wassenberg, Construction Manager**
- **Azin Nour, Construction Manager**
- **Alice Altes, Senior Project Manager**
- **Gary Sturney, Resident Engineer**
- **Donnie Purscelley, Resident Engineer**
- **Megan Drummy, Outreach Team**
- **Sarah Bowles, Outreach Team**



Meeting Participants

Please introduce yourselves:

- **Working Group Members**
- **Council District 5 representatives**
- **Observers**



Reminders from Initial WG Meetings

- **Working Group Mission: Propose ways to avoid, minimize or mitigate concerns associated with the construction and operation of the North City Phase 1 projects**
- **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**



Meeting Participation Guidelines

- All perspectives are valued
- One person speaks at a time
- Be concise – need to hear from everyone in limited time
- Any questions that require additional, outside discussion can be emailed to Outreach Liaison



Virtual Meeting Ground Rules

- **Stay on mute until called on by the facilitator**
- **Please “raise your hand” or use the Chat box for questions**
- **Phone participants will have dedicated times to comment**
- **Meeting is being recorded for accuracy and meeting summary will be shared with participants**

Program Update Phase 1 Schedule

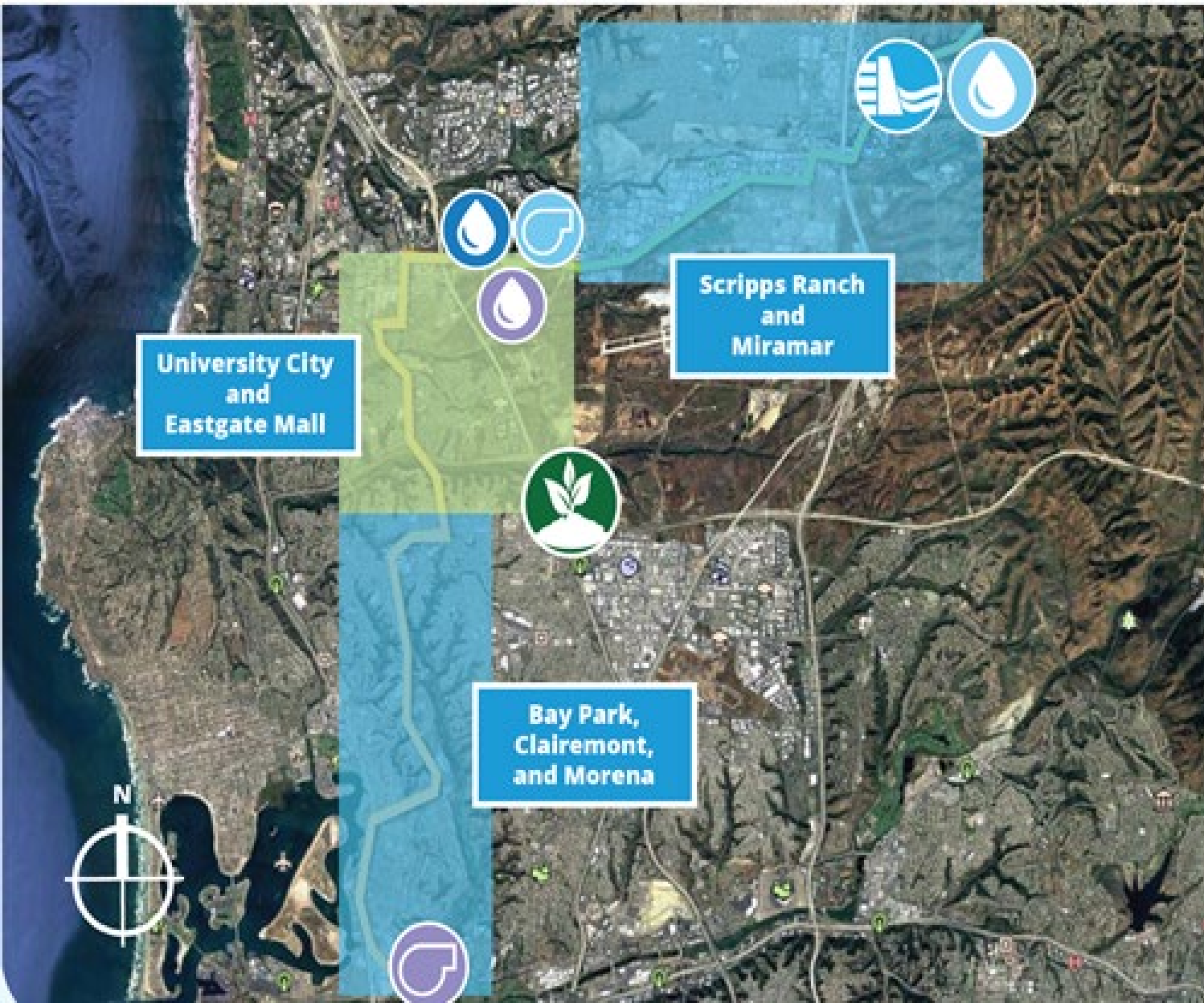
John Stufflebean

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

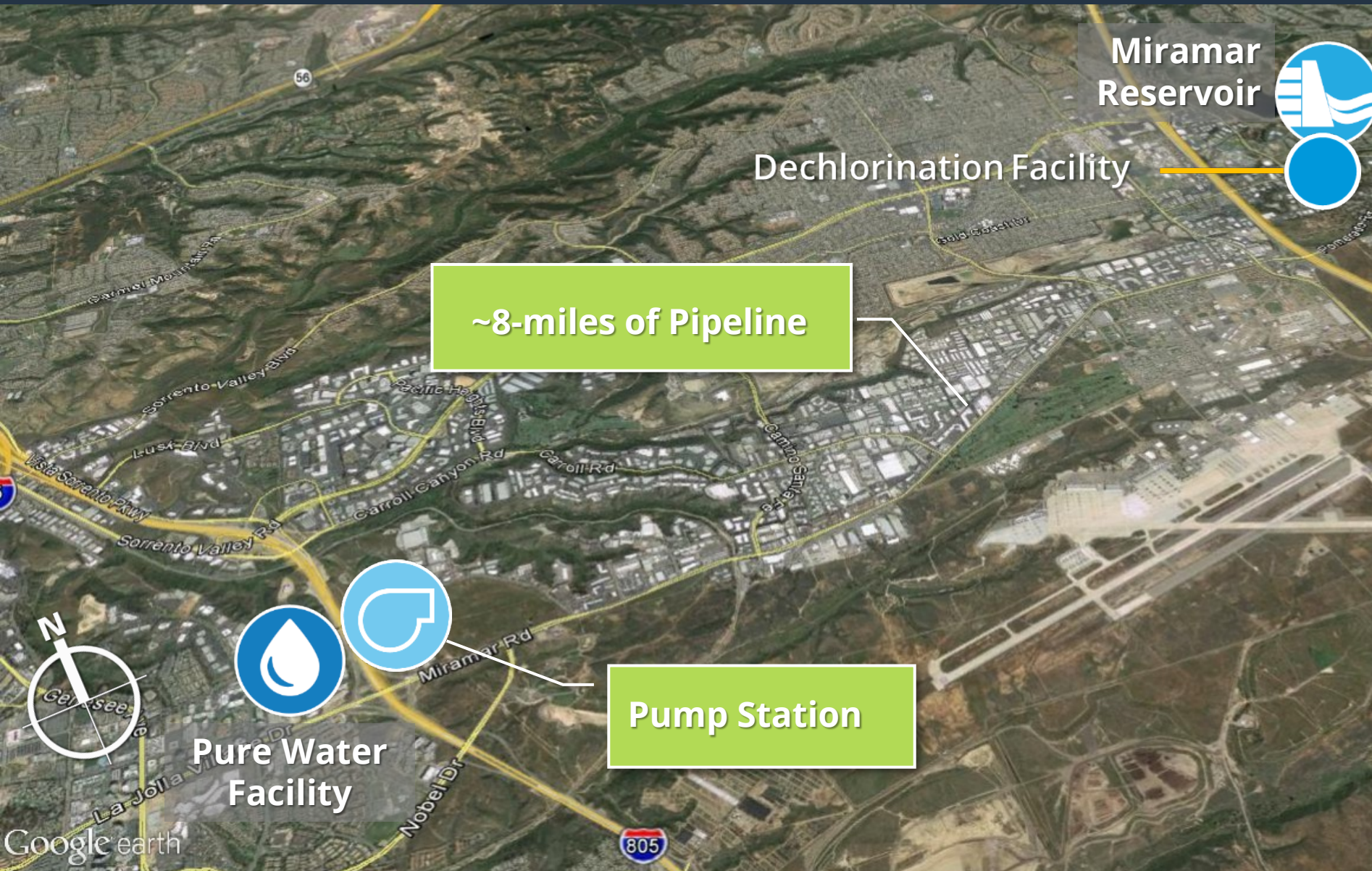
Phase 1 Construction – Scripps Ranch/Miramar

Project/Construction Package	Anticipated Contractor Notice to Proceed	Anticipated Project Completion
North City Pure Water Facility & Pump Station	June 2021	2025
North City Pure Water Pipeline, Dechlorination Facility & Subaqueous Pipeline, AC Water Group 1038	June 2021	2025

North City Pure Water Pipeline Project Overview

Steve Lindsay

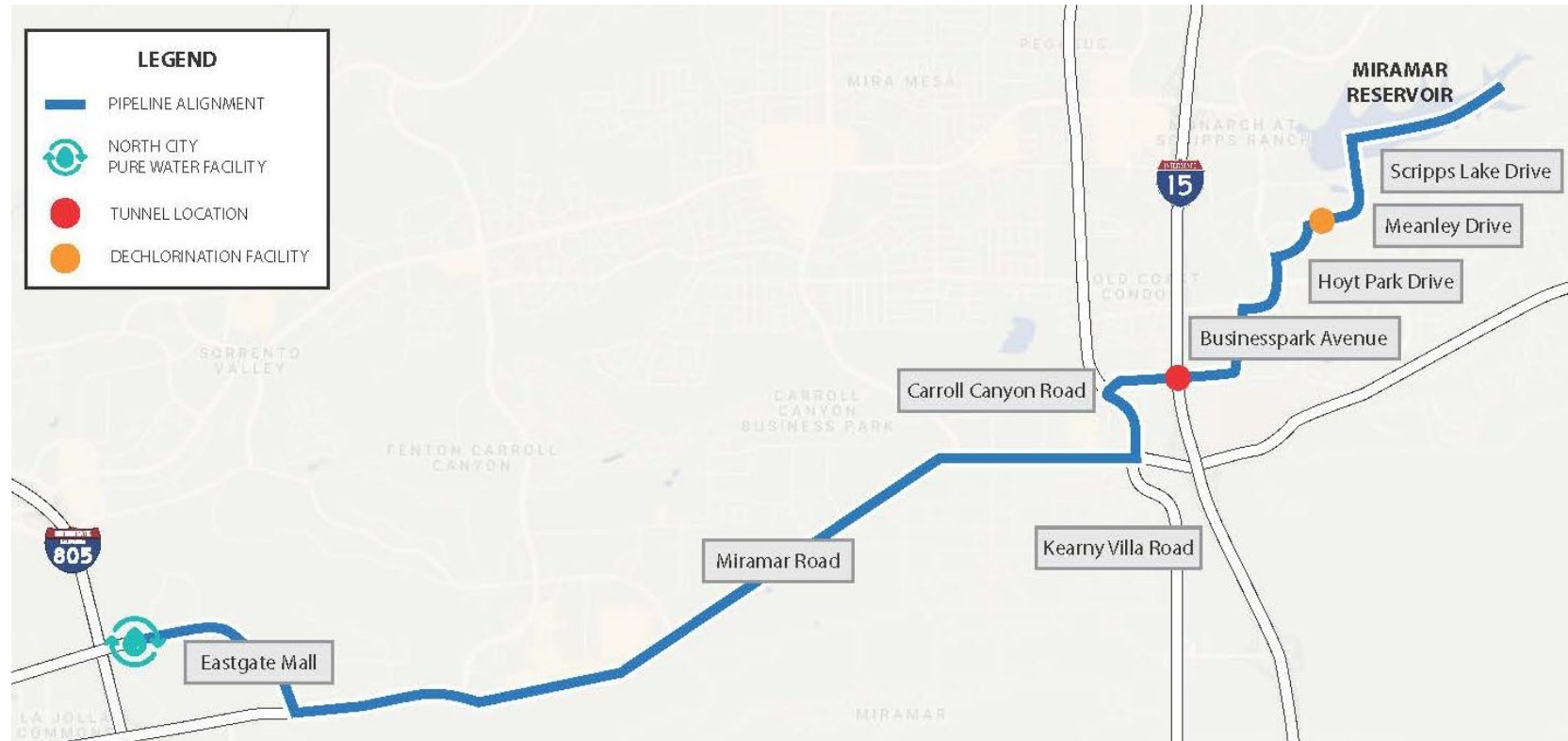
North City Pure Water Pipeline



- Pure Water to Miramar Reservoir via:
 - Pump Station
 - Pipeline
- Water will be dechlorinated before release to reservoir
- Construction begins in summer 2021

North City Pure Water Pipeline

- Eight miles of 48" welded steel pipeline from the Pure Water Facility to Miramar Reservoir
- Six trenchless crossings and one bridge crossing
- Dechlorination facility
- Water main replacement, including installation of 34,000 linear feet of 12" and 16" PVC water mains
- One mile of 8" to 54" subaqueous HDPE pipe installed in Miramar Reservoir



FedEx

Eastgate Drive

Old Dominion
Freight Line

Olson Drive

Storage West

North City Pure
Water Facility
(future site)

Eastgate Mall

North City Pure Water Pipeline AC Water Group 1038

Eastgate Mall

Construction Project Components:

- 8 miles of 48-inch welded steel pipe transmission main (purified water pipeline)
- 6.4 miles of water main replacement of 6, 12 and 16-inch asbestos cement (AC) pipe with 16-inch polyvinyl chloride (PVC) pipe

Construction Segment Details:

- Night work: Monday to Friday, 9 p.m. to 5 a.m.
- Access maintained for businesses on Olson Drive, Eastgate Drive and Eastgate Court

Eastgate Court



North City Water
Reclamation Plant

Miramar Road

Eastgate Mall

Miramar Mall

Miramar Place

Velocity Truck
Centers – San Diego

Camino Santa Fe

Miramar Road

Railroad Crossing

Marine Corps Air
Station Miramar

Miramar National
Cemetery

North City Pure Water Pipeline AC Water Group 1038

Miramar Road to Camino Santa Fe

Construction Project Components:

- 8 miles of 48-inch welded steel pipe transmission main (purified water pipeline)
- 6.4 miles of water main replacement of 6, 12 and 16-inch asbestos cement (AC) pipe with 16-inch polyvinyl chloride (PVC) pipe

Construction Segment Details:

- Night work: Monday to Friday, 9 p.m. to 5 a.m.
- Coordination with LOSSAN agency about railroad crossing

Cabot Drive

Dowdy Drive

MCAS West
Entrance

Miramar Memorial
Golf Course

Camino Santa Fe

Miramar Road

North City Pure Water Pipeline AC Water Group 1038

Miramar Road near MCAS Miramar to Cabot Drive

Construction Project Components:

- 8 miles of 48-inch welded steel pipe transmission main (purified water pipeline)
- 6.4 miles of water main replacement of 6, 12 and 16-inch asbestos cement (AC) pipe with 16-inch polyvinyl chloride (PVC) pipe

Construction Segment Details:

- Night work: Monday to Friday, 9 p.m. to 5 a.m.
- Early work on Miramar Road
- Coordination with MCAS Miramar to ensure entrance access

Carroll Canyon Road



Camino Ruiz

Miramar Landing Shopping Center

Mitscher Way

Audi San Diego

Porsche San Diego

Miramar Square Shopping Center

Padgett Street

Miramar Road

MCAS Miramar Main Entrance

MCAS Miramar

MCAS Miramar Operations

Harbor Freight Tools

Cabot Drive

North City Pure Water Pipeline AC Water Group 1038

Miramar Road near MCAS to Padgett Street

Construction Project Components:

- 8 miles of 48-inch welded steel pipe transmission main (purified water pipeline)
- 6.4 miles of water main replacement of 6, 12 and 16-inch asbestos cement (AC) pipe with 16-inch polyvinyl chloride (PVC) pipe

Construction Segment Details:

- Night work: Monday to Friday, 9 p.m. to 5 a.m.

Vulcan Materials
Company

Carroll Centre Road

The City of
SAN DIEGO

SD Pure Water
San Diego

Candida Street



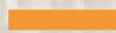
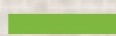
Black Mountain Road

Miramar Square
Shopping Center

Padgett Street

Kearny Villa Road

Miramar Road

 Pipeline
 Tunnel

North City Pure Water Pipeline AC Water Group 1038

Miramar Road to Kearny Villa Road to Candida Street

Construction Project Components:

- 8 miles of 48-inch welded steel pipe transmission main (purified water pipeline)
- 6.4 miles of water main replacement of 6, 12 and 16-inch asbestos cement (AC) pipe with 16-inch polyvinyl chloride (PVC) pipe

Construction Segment Details:

- Night work: Monday to Friday, 9 p.m. to 5 a.m.
- Tunnel work will be performed 24/7



Inova Diagnostics, Inc.

Scripps
Montessori
School

Businesspark Avenue

WD-40 Company

Old Grove Road

North City Pure Water Pipeline AC Water Group 1038

Tunnel at Northbound Interstate-15

Construction Project Components:

- 8 miles of 48-inch welded steel pipe transmission main (purified water pipeline)
- 6.4 miles of water main replacement of 6, 12 and 16-inch asbestos cement (AC) pipe with 16-inch polyvinyl chloride (PVC) pipe

Construction Segment Details:

- Tunnel work will be performed 24/7

Pipeline
Tunnel

Meanley Drive

CoreLogic Credco

Scripps Ranch
High School

Hoyt Park Drive

H Cabinet

Scripps Ranch Boulevard

National University

ChargePoint
Charging Station

Delta Group
Electronics

Carroll Canyon Road

Businesspark Avenue

North City Pure Water Pipeline AC Water Group 1038

Businesspark Avenue and Carroll Canyon Road
to Scripps Ranch Boulevard

Construction Project Components:

- 8 miles of 48-inch welded steel pipe transmission main (purified water pipeline)
- 6.4 miles of watermain replacement of 6, 12 and 16-inch asbestos cement (AC) pipe with 16-inch polyvinyl chloride (PVC) pipe

Construction Segment Details:

- Night work: Monday to Friday, 9 p.m. to 5 a.m.

Scripps Miramar
Branch Library

Evan's Pond

Orange line: Pipeline
Green line: Tunnel

CUSO Financial
Services, LP

Mission Federal
Credit Union

Dechlorination
Facility
(future site)

Meanley Open
Dog Park

Meanley Drive

Hoyt Park Drive

North City Pure Water Pipeline AC Water Group 1038

Hoyt Park Drive to Meanley Drive

Construction Project Components:

- 8 miles of 48-inch welded steel pipe transmission main (purified water pipeline)
- Dechlorination Facility
- 6.4 miles of water main replacement of 6, 12 and 16-inch asbestos cement (AC) pipe with 16-inch polyvinyl chloride (PVC) pipe

Construction Segment Details:

- Night work: Monday to Friday, 9 p.m. to 5 a.m.
- Tunneling by Evan's Pond
- Access to the library maintained at all times

Miramar Reservoir

Pipeline
Tunnel

Miramar Reservoir
Parking Lot

Miramar Water
Treatment Plant

Scripps Lake Drive

Scripps Miramar
Branch Library

Evan's Pond

North City Pure Water Pipeline AC Water Group 1038

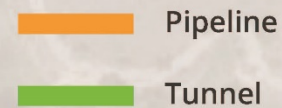
Scripps Lake Drive to Miramar Reservoir

Construction Project Components:

- 8 miles of 48-inch welded steel pipe transmission main (purified water pipeline)
- 6.4 miles of water main replacement of 6, 12 and 16-inch asbestos cement (AC) pipe with 16-inch polyvinyl chloride (PVC) pipe

Construction Segment Details:

- Night work: Monday to Friday, 9 p.m. to 5 a.m.
- Scripps Lake Drive to remain open at all times
- Tunneling past Evan's Pond to the reservoir
- Changes to reservoir parking lot configuration
- Full access to most recreation



Lake Miramar Trail

Natalie Park

Lake View Park

Miramar Reservoir

Miramar Reservoir
Pump Station

North City Pure Water Pipeline AC Water Group 1038

Subaqueous Tunnel Along Miramar Reservoir

Construction Project Components:

- 54-inch to 8-inch subaqueous pipe
- 94 Dual duckbill valve outlet ports
- Miramar Reservoir Pump Station Improvements
- Electrical and instrumentation

Construction Segment Details:

- Day work: Monday to Friday, 7 a.m. to 4:30 p.m.
- No boating allowed; shore fishing allowed
- Full recreation of parks and trail

What You Can **Expect** – Pipeline Work

- **Nighttime construction from 9 p.m. to 5 a.m.**
 - *Access for residents, businesses and emergency vehicles will be maintained*
 - *Expect delays due to traffic control*
- **At minimum, one lane in both directions open at all times**
- **Scheduled water outages**
- **Construction equipment and material staging areas will move along the alignment as construction progresses**
- **24/7 construction at the tunnel crossing at I-15**



SD What You Can Expect – Reservoir Work

- Daytime construction from 7 a.m. to 4:30 p.m.
- Trail access and parking maintained
- Controlled Intersections
 - *Flagged or Temporary Trench*



MIRAMAR RESERVOIR PARKING



EXISTING PARKING:

Lower Lot:

Regular Stalls - 56
Compact Stalls - 11
ADA Stalls - 3
Sub-total - 70

Upper Lot:

Regular Stalls - 153
ADA Stalls - 7
Trailer Stalls - 8
Trailer & ADA Stalls - 2
Sub-total - 170

Total Parking Stalls - 240

PARKING 90% DESIGN:

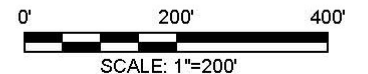
Permanent Additional Parking

Area 1 - 30 ±	53
Area 3 - 10 ±	0
Area 4 - 10 ±	7
Sub-total - 50 ±	60

Temporary Parking During
Sub-aqueous Construction - 30 ±

NET TOTAL PARKING:

Existing - 240
During Construction - 255+ 265
Post-Construction - 300 Permanent
30 Interim



Miramar Reservoir Access



Photo by MrGall

- **Lake closed to boating during construction – schedule TBD**
- **Surrounding trails and loop around lake will remain accessible**
- **On-shore fishing maintained around most of the lake**

Contractor Introduction: WA Rasic

Steve Lindsay

Ryan Plunk, Project Manager

- **WA Rasic is a family-owned utility contractor and one of the largest privately owned utility contractors in the US**
- **In business since 1978 and currently has more than 550 employees**
- **Market expertise includes: civil, communications, emergency response, gas & oil, power, sewer & storm drain, tunneling, water**



Ryan Plunk, Project Manager

■ Key components of project:

- *Approx. 8 miles of 48-inch welded steel water line*
- *Approx. 6 miles of 16-inch PVC water line*
- *9 tunnels will be constructed*
- *Over 1 mile of subaqueous HDPE water line (installed in reservoir)*
- *Roadway and sidewalk improvements along alignment*
- *Reservoir parking upgrades*

■ Looking forward to:

- *Successful completion of the project in the safest and most efficient manner possible to limit construction-related impacts to the community*



Plans for Future Information Distribution

Sarah Rossetto



Information Distribution



Website:
purewatersd.org



Phone Line:
833-647-7973
833-MIR-PWSD



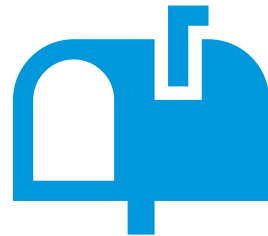
Social Media:
[@purewatersd](https://twitter.com/purewatersd)



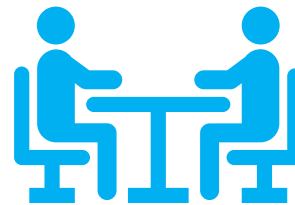
Media Relations



E-blasts



Direct Mail



Meetings



Door-to-Door Outreach

Future Information Distribution

- **How would you like to be involved in the Scripps Ranch/Miramar Working Group moving forward?**
- **How would you like to receive future project updates (additional meeting or email communication only)?**
- **Submit requests for community presentations or event participation to srossetto@san Diego.gov**
- **Let us know if there are additional community representatives who should receive updates as part of this Working Group**

Working Group Member Recognition

John Stufflebean

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

CERTIFICATE OF APPRECIATION

Presented to:

WAYNE COX

The City of San Diego honors Wayne Cox for representing the Scripps Ranch and Miramar 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 28, 2021



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CERTIFICATE OF APPRECIATION

Presented to:

KATHRYNE DE VALCOURT

The City of San Diego honors Kathryne de Valcourt for representing the Scripps Ranch and Miramar 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 28, 2021



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CERTIFICATE OF APPRECIATION

Presented to:

TOM DERR

The City of San Diego honors Tom Derr for representing the Scripps Ranch and Miramar 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 28, 2021



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CERTIFICATE OF APPRECIATION

Presented to:

STUART GROSS

The City of San Diego honors Stuart Gross for representing the Scripps Ranch and Miramar 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:

BOB ILKO

The City of San Diego honors Bob Ilko for representing the Scripps Ranch and Miramar community and providing useful input on the planned Pure Water San Diego Phase 1 projects.



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City of San Diego Public Utilities Department

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CERTIFICATE OF APPRECIATION

Presented to:

CRAIG JACKSON

The City of San Diego honors Craig Jackson for representing the Scripps Ranch and Miramar communities and providing useful input on the planned Pure Water San Diego Phase 1 projects.



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City of San Diego Public Utilities Department

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CERTIFICATE OF APPRECIATION

Presented to:

JAMES ROBERTS

The City of San Diego honors James Roberts for representing the Scripps Ranch and Miramar communities 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 28, 2021



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CERTIFICATE OF APPRECIATION

Presented to:

BARI VAZ

The City of San Diego honors Bari Vaz for representing the Scripps Ranch and Miramar communities 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 28, 2021



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CERTIFICATE OF APPRECIATION

Presented to:

SANDRA WETZEL-SMITH

The City of San Diego honors Sandra Wetzel-Smith for representing the Scripps Ranch and Miramar communities 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 28, 2021



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CERTIFICATE OF APPRECIATION

Presented to:

WALLY WULFECK

The City of San Diego honors Wally Wulfeck for representing the Scripps Ranch and Miramar communities 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 28, 2021





ScrippsRanch.purewatersd.org
phase1.purewatersd.org



PureWaterSD



PureWaterSD



@PureWaterSD



PureWaterSD

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