

1. 3:00 P.M. Water Committee Meeting Presentation

Documents:

[2026-01-21 WATER COMMITTEE PRESENTATION.PDF](#)



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Regional Service Through Unity:
Meeting Our Region's Needs Today
And Tomorrow



WATER COMMITTEE MEETING

January 21, 2026



Agenda

- I. CALL TO ORDER
- II. PUBLIC COMMENTS
- III. OPENING REMARKS
- IV. ACTION
- V. DISCUSSION
- VI. ADJOURNMENT



Agenda

IV. ACTION ITEMS

- A. Consider approval of Water Committee meeting minutes – November 19, 2025
- B. Apollo Pump Station Improvements; Project No. 101-0682-26; Engineering Services Agreement, Final Design
- C. Casa View Pump Station Improvements; Project No. 101-0677-26; Engineering Services Agreement, Final Engineering
- D. McKinney Delivery Point 3 to McKinney Delivery Point 4 Pipeline; Project Number 101-0505-18; Change Order No. 4

V. DISCUSSION ITEMS

- A. Wylie water treatment residuals disposal procurement
- B. Long-range water supply update
- C. PFAS settlement update
- D. Opportunity for Committee members to provide feedback on Water Committee meeting or request potential future agenda items



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Mark Simon, Director of Engineering

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Apollo Pump Station Improvements

Project Purpose

- Address the change in head conditions that will be created with the construction of the North Garland System Ground Storage Tank (GST) and replace and/or rehabilitate aging assets
- The planning level estimated cost is \$22,000,000

Project Background

- The Apollo Pump Station boosts water from North Garland into the South Garland Sub-system
- Construction of the North Garland System GST will create new head conditions at the Apollo PS that are not compatible with current flow control valve equipment. Changes to the control valve strategy will allow for improved operation under these higher head condition.
- Recommendations for improvements were included in the NTMWD Water Transmission System CIP Update. A detailed Apollo Pump Station Condition Assessment Report conducted by our Asset Management group added recommendations to replace and/or rehabilitate some equipment near the end of its remaining useful life.



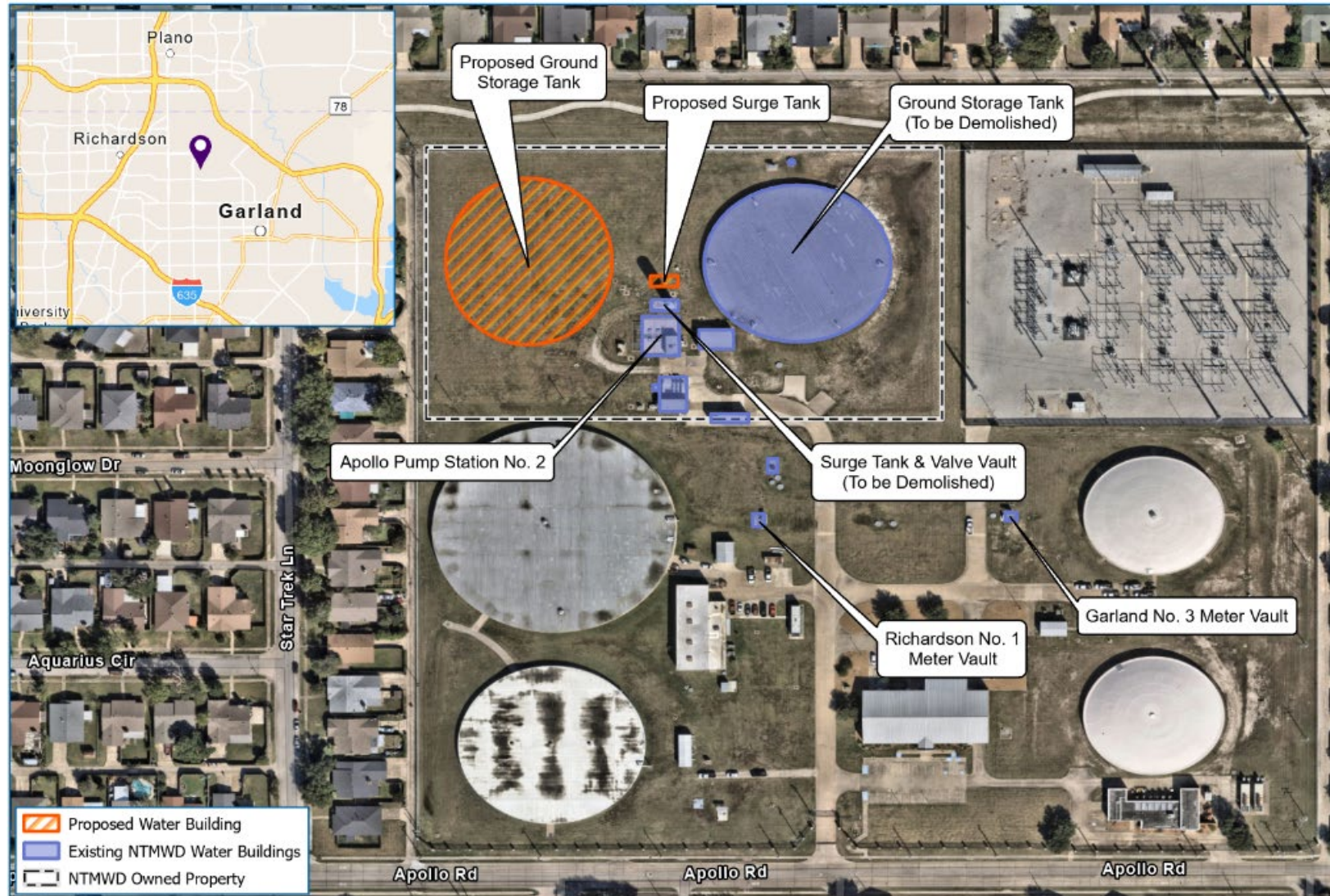
Apollo Pump Station Improvements

Project Components

- Replace the control valve and flowmeters on the line that fills the ground storage tank on the Apollo Pump Station site.
- Replace the Richardson No. 1A and 1B and Garland No. 3 delivery point control valves with the new control scheme conforming to NTMWD Meter Vault Standardization
- Add isolation valve on the interconnection between the two 60-inch lines
- Demolish the existing 5-million-gallon ground storage tank and construct build a new 5-million-gallon ground storage tank at same location
- Replace Pump 4 and associated pump motor at Pump Station 2
- Replace the existing surge tank
- Replacement of air release valves
- Miscellaneous mechanical, electrical, and instrumentation and control improvements
- Planning level estimated cost is \$22,000,000



Apollo Pump Station Improvements





Apollo Pump Station Improvements

A total of four engineering firms, Halff Associates, Inc., Hazen and Sawyer, Wade Trim, Inc., and STV Infrastructure, were interviewed and Halff Associates, Inc. was deemed as the most highly qualified firm for this project.

Engineering Service Fee

Description	Amount
Basic Services	\$ 1,745,154
Special Services	\$ 394,846
Requested Amount	\$ 2,140,000



Committee Consideration

The Executive Director and NTMWD staff recommend the Board of Directors authorize the Executive Director to execute an engineering services agreement as follows:

Consultant: Halff Associates, Inc.

Scope: Final Engineering Design

Project: No. 101-0682-26, Apollo Pump Station Improvements

Amount: \$2,140,000

Funding: Regional Water System Capital Improvement Fund

Drivers: Asset Condition and Operational Efficiency



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Casa View Pump Station Improvements

Project Purpose

- The purpose for this project is addressing aging infrastructure. Numerous major components need replacement or rehabilitation. This will improve the pump station's reliability and aid in operational flexibility and efficiency
- Casa View PS serves the south transmission system; it pumps to Hailey/Mesquite No.1 delivery point, also connects to the system serving members and customers further south and east parts of our region.
- The planning level estimated cost is \$16,000,000

Project Background

- A risk assessment was conducted on all NTMWD's remote pumping facilities to determine required condition-based improvements as part of the Transmission System CIP Update. Additional equipment replacement recommendations were added as part of Casa View condition assessment conducted by NTMWD Asset Management group.



Casa View Pump Station Improvements

Project Components

- Replace three existing pumps with their associated motors
- Replacement of the 4-million-gallon ground storage tank
- Structural rehab of the pump station structure including pipe replacements, pipe support replacement, coupling replacements and pipe painting for Pumps 4, 5 and 6.
- Construct various upgrades to the heating, ventilation and air conditioning (HVAC) throughout the site.
- Construct miscellaneous electrical, instrumentation and control work, piping, replacement of mechanical equipment to support facility functionality.



Casa View Pump Station Improvements





Casa View Pump Station Improvements

A total of four engineering firms, Halff Associates, Inc., Hazen and Sawyer, Wade Trim, Inc., and STV Infrastructure, were interviewed and Hazen and Sawyer. was deemed as the most highly qualified firm for this project.

Engineering Service Fee

Description	Amount
Basic Services	\$ 1,373,790
Special Services	\$ 401,840
Requested Amount	\$ 1,775,630



Committee Consideration

The Executive Director and NTMWD staff recommend the Board of Directors authorize the Executive Director to execute an engineering services agreement as follows:

Consultant: Hazen and Sawyer

Scope: Final Engineering Design

Project: No. 101-0677-26, Casa View Pump Station Improvements

Amount: \$1,775,630

Funding: Regional Water System Capital Improvement Fund

Drivers: Asset Condition, Redundancy/Resiliency & Operational Efficiency



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Mark Simon, Director of Engineering

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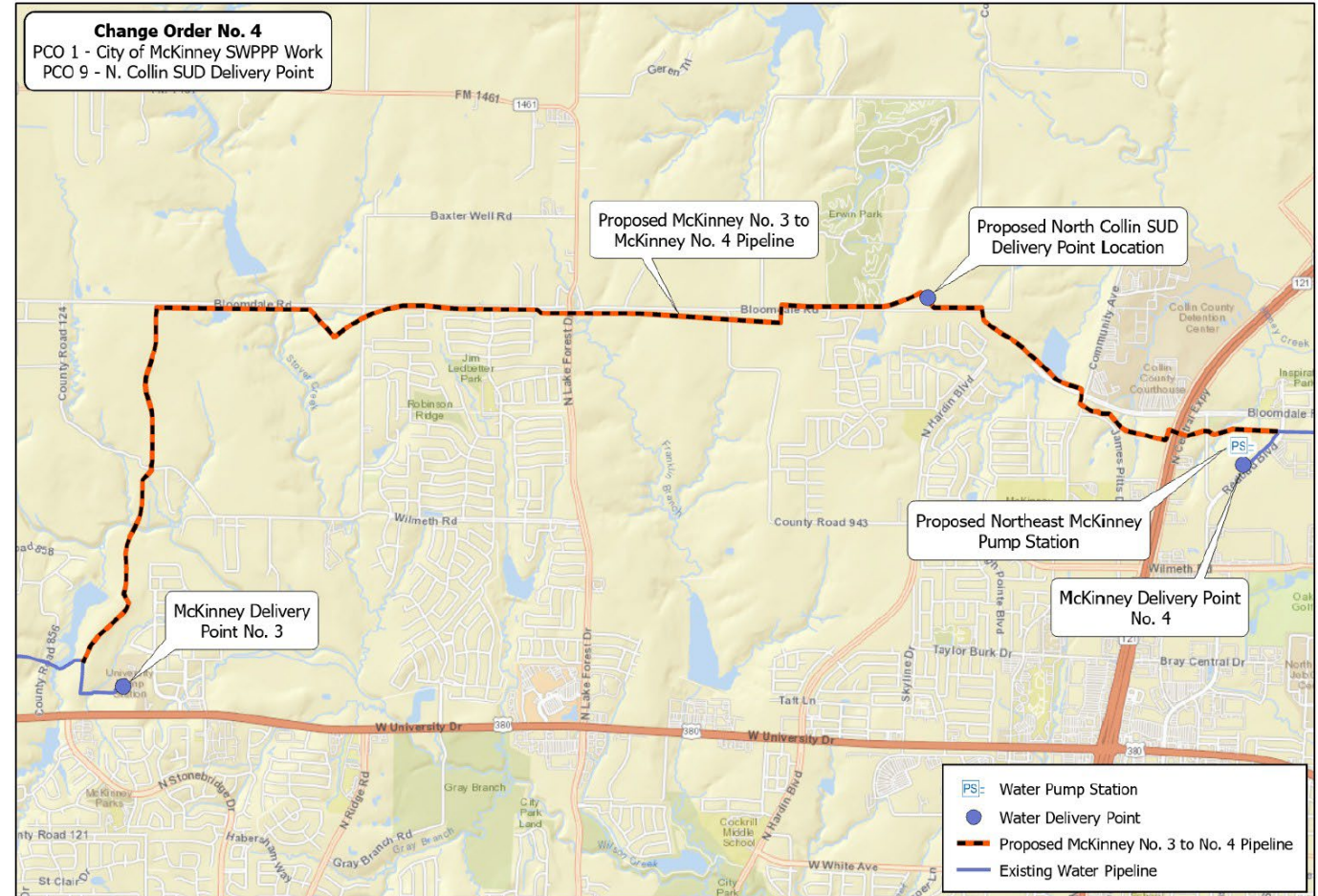
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McKinney Delivery Point 3 to 4 Pipeline; Change Order No. 4

Project Purpose

- The addition of a 72-inch water transmission pipeline from the site of the McKinney Delivery Point No. 4 to the site of McKinney's Delivery Point No. 3 is required to adequately meet future demand, improve system pressures, and improve the transfer of treated water from the Leonard Water Treatment Plant (WTP) into the western area of the existing NTMWD north transmission system.

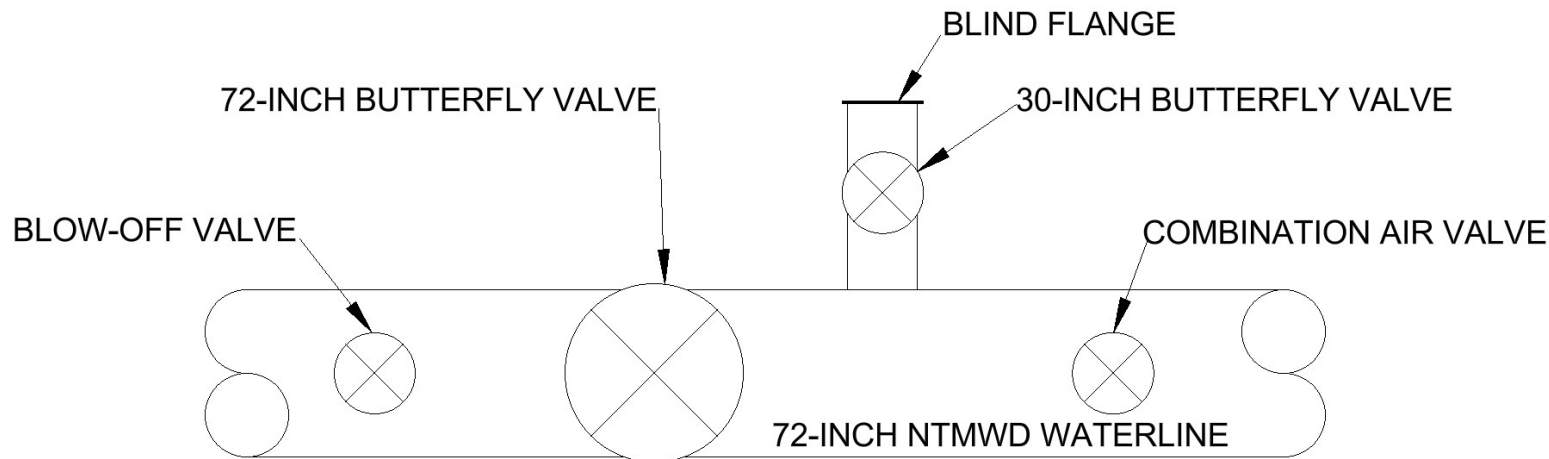




McKinney Delivery Point 3 to 4 Pipeline; Change Order No. 4

Proposed Change Order

- The City of McKinney to approve the construction permit, the City of McKinney required additional erosion control and storm water pollution prevention plan measures added to the contract scope.
- The North Collin SUD requested a new delivery point, requiring installation of additional valves and fittings on this pipeline project. ***All costs associated with this work will be reimbursed by the North Collin SUD.***
- Address recent increased tariffs cost to the contractor for certain piping components



30-INCH NORTH COLLIN SUD CONNECTION



McKinney Delivery Point 3 to 4 Pipeline; Change Order No. 4

Proposed Change Order

Change Order No. 4 Summary	Amount	Days
Original Contract Amount	\$102,886,839.00	880
Prior Change Order(s) Total	(\$786,366.99)	90
Proposed Change Order No. 4		
Item 1 (PCO 1) – City of McKinney SWPPP Work	\$162,383.99	0
Item 2 (PCO 9) – North Collin SUD delivery point	\$1,294,589.00*	0
Item 3 (PCO 14) Material tariff	\$37,050.00	0
Proposed Change Order No. 4 Amounts	\$1,494,022.99	0
Revised Contract Amounts	\$103,594,495.00	970

**In accordance with the North Collin SUD Potable Water Supply Contract, the District will seek reimbursement of expenses for North Collin SUD Delivery Point project costs.*



Committee Consideration

The Executive Director, NTMWD staff and HDR, Inc recommend the Board of Directors authorize a construction change order as follows:

Contractor: Oscar Renda Contracting, Inc

Scope: Construction contract Change Order No. 4

Project: No. 101-0505-18 McKinney Delivery Point No. 3 to McKinney Delivery Point No.4 Pipeline

Amount: \$1,494,022.99

Funding: Regional Water System Capital Improvement Fund

Drivers: Capacity and Redundancy/Resiliency



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- A. Wylie water treatment residuals disposal procurement – **Executive Session**
- B. Long-range water supply update – **Executive Session**
- C. PFAS settlement update
- D. Opportunity for Committee members to provide feedback on Water Committee meeting or request potential future agenda items



Executive Session

Section 551.071, Consultation with Attorney

- Authorizes a government body to consult with its attorney in an Executive Session to seek advice on legal matters regarding pending or contemplated litigation or a settlement offer or on a matter in which the duty of the attorney to the governmental body under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas clearly conflicts with the Texas Open Meetings Act.
- A government body may not invoke this Section to convene a closed session and then discuss matters outside of that provision.
- General discussion of policy, unrelated to legal matters, is not permitted under the language merely because an attorney is present.
- Items discussed during Executive Session are privileged and should remain confidential.

Section 551.072, Deliberations about Real Property

- Authorizes a government body to deliberate in Executive Session on certain matters concerning real property.
- It provides as follows:
 - A governmental body may conduct a closed meeting to deliberate the purchase, exchange, lease, or value of real property if deliberation in an open meeting would have a detrimental effect on the position of the governmental body in negotiations with a third person.
- Items discussed during Executive Session are privileged and should remain confidential.



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- C. **PFAS settlement update**
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PFAS

- PFAS (Polyfluoroalkyl substances)
 - Thousands of PFAS compounds
 - Widely used, long lasting, break down slowly
 - Used in industrial and consumer products beginning in the 1950s
 - Manufactured by a variety of companies including 3M, Dupont, BASF, Tyco



Source: American Water Works Association, Florida



Background

- June 2023 – Dupont entered into a settlement agreement.
- August 2023 – 3M entered into a settlement agreement.
- July 2024 – Board authorization for the Executive Director to participate in future PFAS settlements of the same type as 3M and Dupont and to take steps to maximize the award. (Resolution No. 24-26)

During this period, NTMWD engaged specialized legal counsel and met with Member Cities and Customers regarding the settlements, focusing on an approach to maximize regional benefits.



AFFF Settlement - Overview

- The Aqueous Film-Forming Foam (AFFF) Settlement provides restitution to the *entity that treats the water* for PFAS contamination in exchange for certain liability release from 3M, Dupont, Tyco, and BASF.

Settlement Milestones

Late 2023/ Early 2024	2024	2025	2026
<ul style="list-style-type: none">• 3M, Dupont, BASF, and Tyco entered into the settlement.• NTMWD organized a meeting with MCC managers to discuss participation.• Board authorized NTMWD's participation in the settlement.	<ul style="list-style-type: none">• Claims submitted for 3M and Dupont (Phase 1).	<ul style="list-style-type: none">• Claims submitted for Tyco and BASF.	<ul style="list-style-type: none">• Claims will be submitted for 3M and Dupont (Phase 2).



AFFF Settlement – Claims

- All settlements use a formula that considers:
 - Maximum historical PFOA/PFOS levels
 - The 3 highest annual flow rates by WTP over a 10-year period
- Settlement amounts and timeframes vary between the companies:

3M	Dupont	Tyco	BASF
<ul style="list-style-type: none">• Phase 1: ~62% of settlement paid in Q4 2025, shifts to annual payments through 2033.• Phase 2: Applications are due in 2026, payment timeframe has not been announced, likely 2027.	<ul style="list-style-type: none">• Phase 1: Lump sum settlement paid in Q4 2025.• Phase 2: Applications are due in 2026, payment timeframe has not been announced, likely 2027.	<ul style="list-style-type: none">• Lump sum settlement anticipated in early 2026.	<ul style="list-style-type: none">• Lump sum settlement anticipated in early 2026.

Note: All settlements include a 5% holdback.



AFFF Settlement - Payments

Overall Settlement Summary

Company	Phase 1	Phase 2
3M	\$82.24 M	TBD ³
Dupont	\$8.52 M	TBD ³
Tyco	<i>\$3.15 M¹</i>	--
BASF	<i>\$1.32 M¹</i>	--
Special Needs Claim Form	<i>\$1.44 M²</i>	
TOTAL	\$96.67 M	
RECEIVED TO DATE	\$57.12 (~60% of total)⁴	

¹ Based upon preliminary estimates, subject to change.

² Amount of expenses submitted, all may not be reimbursed.

³ Allocation tables not released, to be determined.

⁴ Funds received are being segmented and reserved to offset PFAS costs.



Addressing PFAS

- PFAS Roadmap:
 - Holistic assessment of potential sources of PFAS entering NTMWD systems and their transport pathways.
 - Included a review of NTMWD's water, wastewater, and solid waste systems in relation to management of PFAS within these systems.
 - Upgrades at the Tawakoni Water Treatment Plant identified as highest priority item.
- Tawakoni Water Treatment Plant Upgrades:
 - Planning is currently underway
 - Constructed anticipated to start in 2027
 - Capital costs + PFAS related maintenance costs in perpetuity
 - Costs offset by settlement funds – Also investigating potential grant opportunities



Next Steps

- Continue to take steps to maximize the amount of funding available to address PFAS through participation in these class action settlements
- Track PFAS expenditures and apply settlement funds to offset those costs
- Provide updates to Member Cities, Customers and the Water Committee as appropriate
- Work with legal counsel to monitor for any future class action settlements that substantially conform to these



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- E. Policy 8 Additional Delivery Points for Member and Customers

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