



City of Madison

City of Madison
Madison, WI 53703
www.cityofmadison.com

Agenda - Approved WATER UTILITY BOARD

*Consider: Who benefits? Who is burdened?
Who does not have a voice at the table?
How can policymakers mitigate unintended consequences?*

Tuesday, June 24, 2025

4:30 PM

119 E. Olin Ave.

The City of Madison is holding the Water Utility Board Meeting in person.

To register to speak on an item, you will do so in person at the meeting. Please arrive early if you plan to register to speak.

Written Comments: You can send comments on agenda items to waterutilityboard@cityofmadison.com

If you need an interpreter, translator, materials in alternate formats or other accommodations to access this service, activity or program, please call the phone number below at least three business days prior to the meeting.

Si necesita un intérprete, un traductor, materiales en formatos alternativos u otros arreglos para acceder a este servicio, actividad o programa, comuníquese al número de teléfono que figura a continuación tres días hábiles como mínimo antes de la reunión.

Yog hais tias koj xav tau ib tug neeg txhais lus, ib tug neeg txhais ntawv, cov ntawv ua lwm hom ntawv los sis lwm cov kev pab kom siv tau cov kev pab, cov kev ua ub no (activity) los sis qhov kev pab cuam, thov hu rau tus xov tooj hauv qab yam tsawg peb hnuv ua hauj lwm ua ntej yuav tuaj sib tham.

For accommodations, contact: Jody Berndt, (608) 206-1718, jberndt@madisonwater.org.

CALL TO ORDER / ROLL CALL

APPROVAL OF MINUTES

Meeting minutes for 5/27/25:
<https://madison.legistar.com/calendar.aspx><https://madison.legistar.com/calendar.aspx>

PUBLIC COMMENT

1. [16738](#) General Public Comment

DISCLOSURES AND RECUSALS

Members of the body should make any required disclosures or recusals under the City's Ethics Code.

NEW BUSINESS

2. [88786](#) Report on Operational Resiliency Projects
 Attachments: [Item 2 - Memo - Report on Operational Resiliency Projects.pdf](#)
 [Item 2 - Attachment - Map of Operational Resiliency Projects.pdf](#)

3. [88787](#) Water Production Monthly Report
 Attachments: [Item 3 - Memo - Water Production Report for May 2025.pdf](#)
 [Item 3 - Attachment A - Water Production Report for May 2025.pdf](#)
 [Item 3 - Attachment B - Well Utilization Report for May 2025.pdf](#)
 [Item 3 - Attachment C - Status of Unit Wells Offline Report for May 2025.pdf](#)

4. [88788](#) Financial Conditions Monthly Report
 Attachments: [Item 4 - Memo - Financial Conditions Report June 2025.pdf](#)
 [Item 4 - Attachment - Financial Conditions Report as of 5.31.25.pdf](#)

5. [88789](#) Capital Conditions Monthly Report
 Attachments: [Item 5 - Memo - Capital Projects Report June 2025.pdf](#)
 [Item 5 - Attachment - Capital Projects Report June 2025.pdf](#)

6. [88790](#) Operations Monthly Report
 Attachments: [Item 6 - Memo - Operations Report June 2025.pdf](#)
 [Item 6 - Attachment - Operations Report June 2025.pdf](#)

7. [88794](#) Public Information Monthly Report
 Attachments: [Item 7 - Memo - Public Information Report June 2025.pdf](#)
 [Item 7 - Attachment - Public Information Report June 2025.pdf](#)

8. [84022](#) Meeting Evaluation and Discussion
 Attachments: [Board_Evaluation.pdf](#)

 Led by Board Member Witynski

ADJOURNMENT



City of Madison

City of Madison
Madison, WI 53703
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Master

File Number: 16738

File ID: 16738

File Type: Miscellaneous

Status: In Committee

Version: 1

Reference:

Controlling Body: WATER UTILITY
BOARD

File Created Date : 11/24/2009

File Name: Written Public Comments

Final Action:

Title: General Public Comment

Notes:

Sponsors:

Effective Date:

Attachments:

Enactment Number:

Author:

Hearing Date:

Entered by: arobb@cityofmadison.com

Published Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
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Text of Legislative File 16738

Title

General Public Comment



City of Madison

City of Madison
Madison, WI 53703
www.cityofmadison.com

Master

File Number: 88786

File ID: 88786

File Type: Report

Status: Items Referred

Version: 1

Reference:

Controlling Body: WATER UTILITY BOARD

File Created Date : 06/18/2025

File Name: Report on Operational Resiliency Projects
Report on Operational Resiliency Projects
Report on Operational Resiliency Projects

Final Action:

Title: Report on Operational Resiliency Projects

Notes:

Sponsors:

Effective Date:

Attachments: Item 2 - Memo - Report on Operational Resiliency Projects.pdf, Item 2 - Attachment - Map of Operational Resiliency Projects.pdf

Enactment Number:

Author:

Hearing Date:

Entered by: jberndt@madisonwater.org

Published Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	Water Utility	06/18/2025	Refer	WATER UTILITY BOARD			
Action Text: This Report was Refer to the WATER UTILITY BOARD							

Text of Legislative File 88786

.TITLE
Report on Operational Resiliency Projects

.BODY

BACKGROUND:

From 2020-2021, former Water Supply Manager Joe DeMorett identified several “pinch points” in the Madison Water Utility (MWU) distribution system which, under certain operational circumstances, can create difficulties in providing adequate water supply to parts of MWU’s service area. Pinch points are most typically located along system boundaries - whether that be the limits of a given pressure zone (or region) and/or the extents of the entire overall water system itself. Generally, there are three approaches that can be taken to address pinch points:

1. Create a new source point within the affected area, e.g. drill a new well.
2. Enact additional conservation practices to reduce demand, e.g. issue conservation notices to

affected areas or enact additional conservation-minded policies in perpetuity.

3. Create additional transfer points between distribution zones, e.g. identify and execute capital projects to address pinch points.

The Engineering and Water Supply (now Water Resources) sections collaborated on option #3 above, identifying a number of projects that were relatively inexpensive but would return a high value of benefit to the MWU system upon implementation. Generally, the projects could also be completed within a fairly short period of time, and (if appropriate) be integrated later into a larger future capital project without being rendered a shorter-term “sunk cost”.

The following is a summary of each “Resilience Project” (RP as identified on the attached map):

RP1: Pressure Zone 4 to Pressure Zone 6E Transfer

- How: Modify piping and pumps at Unit Well 9
- Cost: \$40,000
- Schedule: Completed 2020
- Flow Potential: 2100 Gallons Per Minute

RP2: Unit Well 12 Conversion to Dual Pressure Zone (7 and 8) Facility

- How: Modify piping, pumps, and automated valves at Unit Well 12
- Cost: \$362,000
- Schedule: Completed 2022
- Flow Potential: 2100 Gallons Per Minute

RP3: Pressure Zone 7 to Pressure Zone 6W Transfer

- How: Install a pressure-reducing valve/vault along the pressure zone boundaries
- Cost: \$111,000
- Schedule: Completed 2022
- Flow Potential: 2100 Gallons Per Minute

RP4: Pressure Zone 6E to Pressure Zone 3 Transfer

- How: Install a booster pump, process piping, and an automated valve at Reservoir 229
- Cost: \$316,000
- Schedule: Completed 2024
- Flow Potential: 2100 Gallons Per Minute
- Storage Potential*: 2 Million Gallons

RP5: Pressure Zone 10 to Pressure Zone 10 Transfer

- How: Install a transmission pipeline and a pressure-reducing valve and vault on Midtown Road
- Cost: \$650,000 (Estimated)
- Schedule: Summer 2025 (Estimated)
- Flow Potential: 2100 Gallons Per Minute

RP6: Pressure Zone 6W to Pressure Zone 6E Transfer

- How: Install an automated control valve/vault at the Yahara River (pressure zone boundary)
- Cost: \$150,000 (Estimated)
- Schedule: Spring 2026 (Estimated)
- Flow Potential: 2100 Gallons Per Minute

OPERATIONAL IMPACTS:

The overall result of each project is the creation or enhancement of water supply transfer points, allowing MWU to utilize surplus water within one pressure zone or region by directing it to other areas where it is more readily needed in order to maintain normal system operations.

FISCAL IMPACTS:

The total estimated cost of these six projects is approximately \$1.6 million and will also benefit future related capital projects, for example the pumps, valves, and piping will be used again during the reconstruction at Unit Well 12 and any potential future work at Reservoir 229.

ATTACHMENTS:

1. Memo
2. Map of Operational Resiliency Projects



MEMORANDUM

Date: June 24, 2025

To: Water Utility Board

From: Pete Holmgren – Chief Engineer
Joe Grande – Water Resources Manager
Krishna Kumar – General Manager

Subject: Report on Operational Resiliency Projects

SUMMARY:

This memo is part of an informational item that summarizes the status of recently completed and ongoing resiliency projects identified by Madison Water Utility (MWU).

BACKGROUND:

From 2020-2021, former Water Supply Manager Joe DeMorett identified several “pinch points” in the MWU distribution system which, under certain operational circumstances, can create difficulties in providing adequate water supply to parts of MWU’s service area. Pinch points are most typically located along system boundaries – whether that be the limits of a given pressure zone (or region) and/or the extents of the entire overall water system itself. Generally, there are three approaches that can be taken to address pinch points:

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ATTACHMENTS:

1. Memo (This Document)
2. Map of Operational Resiliency Projects



Pressure Delineation

Pressure Region AB

 Pressure Region C

 Pressure Region D

Water Facility

● Booster — 7

● Storage — 4

Unit Well — 22





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Master

File Number: 88787

File ID: 88787

File Type: Report

Status: Items Referred

Version: 1

Reference:

Controlling Body: WATER UTILITY
BOARD

File Created Date : 06/18/2025

File Name: Water Production Monthly Report

Final Action:

Title: Water Production Monthly Report

Notes:

Sponsors:

Effective Date:

Attachments: Item 3 - Memo - Water Production Report for May 2025.pdf, Item 3 - Attachment A - Water Production Report for May 2025.pdf, Item 3 - Attachment B - Well Utilization Report for May 2025.pdf, Item 3 - Attachment C - Status of Unit Wells Offline Report for May 2025.pdf

Enactment Number:

Author:

Hearing Date:

Entered by: jberndt@madisonwater.org

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History of Legislative File

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1	Water Utility	06/18/2025	Refer	WATER UTILITY BOARD			
Action Text: This Report was Refer to the WATER UTILITY BOARD							

Text of Legislative File 88787

.Title

Water Production Monthly Report

.Body

See corresponding memo and attachments.

MEMORANDUM

Date: June 24, 2025

To: Water Utility Board

From: Joseph Grande, Water Resources Manager
Krishna Kumar, General Manager

Subject: Water Production Report

BACKGROUND

Board governance policy requires that current and future customers will receive water that meets or exceeds industry-accepted levels of service for fire protection and pressure.

This includes:

1. Water delivered to hydrants at proper flow rates for fire protection.
2. Water delivered to the customer tap at a pressure that meets industry-accepted low, high, and emergency operation criteria.
3. Water used for outdoor irrigation under drought-free conditions.

The Water Resources Section of the Utility strives to meet or exceed the expectations laid out above. The May Monthly Water Production, Unit Well Cumulative Capacity Utilization, and Status of Unit Wells Offline reports reflecting these efforts are attached.

ATTACHMENTS

- A. Monthly Water Production as of May 31, 2025
- B. Unit Well Cumulative Capacity Utilization as of May 31, 2025
- C. Status of Unit Wells Offline for Repairs/Replacement as of May 31, 2025

**Madison Water Utility
Daily and Cumulative Water Production**

Hydrologic Regions	Number of Wells	Daily Production (In million gallons, MGD)				Cumulative Year-to-Date Production (In billion gallons)			
		Maximum Daily Capacity	Reliable Daily Capacity	May 2025		2023 Actual	2024 Actual	Through 5/30	
				Average Daily Production	Regional Surplus / (Deficiency)			2024	2025
A/B	7	20.2	11.3	8.8	2.5	3.0	3.0	1.2	1.2
C	10	28.8	22.3	12.7	9.6	4.6	4.4	1.8	1.8
D	3	9.1	5.9	4.1	1.8	1.6	1.5	0.6	0.6
System Total	20	58.1	39.5	25.7	13.8	9.2	8.9	3.6	3.7

Madison Water Utility
Unit Well Cumulative Capacity Utilization
5/31/2025

Region	Unit Well	YTD Capacity (MG)	YTD Production (MG)	YTD Utilization (%)
A/B	7	478	156	33
	9	357	221	62
	11	454	238	52
	13	570	191	34
	25	435	155	36
	29	478	231	48
	31	478	54	11
	All	3251	1247	38
C	6	565	229	41
	12	494	304	62
	14	533	284	53
	17	498	57	11
	18	435	264	61
	20	446	141	32
	24	446	183	41
	27	386	97	25
	30	522	270	52
	All	4324	1829	42
D	16	500	299	60
	26	489	28	6
	28	489	290	59
	All	1479	618	42
Entire System		9053	3693	41

MG = Million Gallons

Madison Water Utility
Status of Unit Wells Offline for Repairs or Upgrades
5/31/2025

Region	Unit Well	Lost Supply (GPM)	Date Offline	Expected Online	Status of Repair/Replacement
A/B	15	1,400	03/2019	07/2025	Installation of PFAS treatment is on-going; see Capital Projects report
	31	2,200	02/2025	06/2025	Scheduling well contractor to install pump
C	19	2,200	10/2024	07/2025	Installation of iron, manganese, and radium filter is on-going; station operational in July or August, filters will go on-line later

GPM = gallons per minute; 1,000 gpm = 1.44 MGD (million gallons per day)



City of Madison

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Master

File Number: 88788

File ID: 88788

File Type: Report

Status: Items Referred

Version: 1

Reference:

Controlling Body: WATER UTILITY
BOARD

File Created Date : 06/18/2025

File Name: Financial Conditions Monthly Report

Final Action:

Title: Financial Conditions Monthly Report

Notes:

Sponsors:

Effective Date:

Attachments: Item 4 - Memo - Financial Conditions Report June
2025.pdf, Item 4 - Attachment - Financial Conditions
Report as of 5.31.25.pdf

Enactment Number:

Author:

Hearing Date:

Entered by: jberndt@madisonwater.org

Published Date:

History of Legislative File

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1	Water Utility	06/18/2025	Refer	WATER UTILITY BOARD			
Action Text: This Report was Refer to the WATER UTILITY BOARD							

Text of Legislative File 88788

.TITLE

Financial Conditions Monthly Report

.BODY

See corresponding memo and attachments.

MEMORANDUM

Date: June 24, 2025

To: Water Utility Board

From: January Vang, Finance and Administrative Manager

Subject: Monthly Financial Report – Operating and Capital Funds

BACKGROUND

Board governance policy requires that the Utility shall not cause or allow the development of fiscal jeopardy or a material deviation of actual expenditures from board priorities established in Outcomes policies. Accordingly, the Utility shall not cause or allow conditions, procedures, or decisions that:

1. Fail to ensure long-term financial health.
2. Fail to present a balanced annual operating budget and quarterly updates on actual expenditures and income.
3. Exceed total appropriations for the fiscal year, unless directed to do so by the board.
4. Use any dedicated reserves for purposes other than those for which they are designated, unless directed to do so by the board.
5. Undertake a debt without payoff schedule and identification of revenue stream.
6. Fail to establish an unrestricted reserve equal to a typical three months' operating expenses.
7. Fail to inform the board of where the utility stands with any current rate case in progress.
8. Fail to be able to provide a concise summary of the financial condition of the utility at any time.
9. Fail to adjust spending related to revenue shortfalls in a budget deficit.

The Finance Section of the Utility strives hard to meet or exceed the expectations laid out above. The monthly financial update provided in the attached Budget to Actual comparison, as of May 31, 2025, reflecting these efforts is attached.

As of May 31, 2025:

- Water revenues are down \$112 thousand compared to budget. Pumpage was up 1.5% during this time period.
- Operating Fund balance is \$18.4 million.
- Capital Fund expenditures is \$16.3 million, of which \$7.9 million is encumbrances.
- Capital Fund balance is \$166 thousand.

MadCAP Data Summary (as of June 17, 2025)

	AMI <30%	AMI >30% and <50%	Total
Total Applications Received	575	273	848
Total Applications Approved	382	152	534
<i>Homeowners</i>	206	96	302
<i>Renters</i>	176	56	232
Total Applications Not Approved	193	121	314
Households Newly Enrolled in Conservation Programs	124	54	178

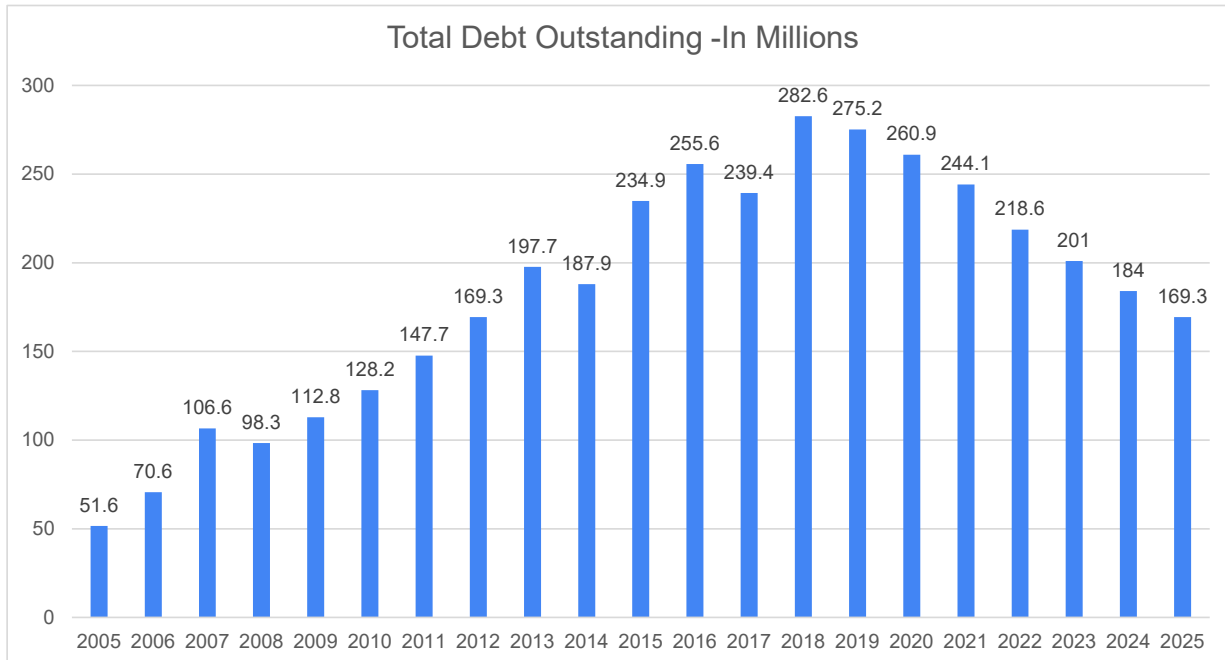
ATTACHMENTS:

- Budget to Actual comparison as of May 31, 2025

Madison Water Utility					
Budget to Actual Comparison					
As of May 31, 2025					
	FY 2023 Actual	FY 2024 Actual*	FY 2025 Budget	Year to Date May 31, 2025	Projected 2025
Operating Fund					
Revenues:					
Sales of water (Operations)	\$ 52,008,356	\$ 50,247,494	\$ 51,693,144	\$ 20,032,034	\$ 51,693,144
Other Revenues	1,704,401	1,326,031	1,213,000	330,494	\$ 1,213,000
Interest Income	1,840,905	1,846,886	1,090,000	764,206	\$ 1,090,000
Total Revenues	55,553,662	53,420,411	53,996,144	21,126,734	53,996,144
Expenditures:					
Operating Expenses	18,885,166	18,975,109	24,687,901	8,084,039	23,000,000
Debt Service - Interest & Principal	18,709,260	18,684,694	19,371,918	8,051,867	19,324,480
Transfer Out to City (PILOT)	6,440,655	6,395,254	6,400,000	2,666,667	6,900,000
Total Expenditures	44,035,081	44,055,057	50,459,819	18,802,572	49,224,480
Net Operating Fund Inc(Decr)	11,518,582	9,365,354	3,536,325	2,324,162	4,771,664
Operating Fund Balance					
Opening Fund Balance	6,198,389	12,178,312	18,960,007	18,960,007	18,960,007
Net Operating Fund Inc(Decr)	11,518,582	9,365,354	3,536,325	2,324,162	4,771,664
Tank Recoat Reserve	-	(800,000)	(800,000)	-	(800,000)
Catastrophic Reserve	-	-	-	-	(5,000,000)
Transfer Out to Capital Fund	(2,564,519)	(4,082,489)	(6,230,000)	(2,595,833)	(6,230,000)
Accrual Adjustments	(2,974,140)	2,298,830	(1,780,000)	(287,567)	(1,780,000)
Ending Fund Balance	\$ 12,178,312	\$ 18,960,007	\$ 13,686,333	\$ 18,400,769	\$ 9,921,671
Construction Fund					
Revenues:					
Bond/Loan Proceeds		7,328,000	-	-	-
SDWL Proceeds	-	1,705,445	800,000	1,768,540	5,595,395
Sales of Water (Expense Depreciation)	4,166,667	5,000,000	5,000,000	2,083,333	5,000,000
Trans from Oper Fund / Reserves	2,564,519	4,082,489	6,230,000	2,595,833	6,230,000
Total Capital Revenues	6,731,186	18,115,934	12,030,000	6,447,706	16,825,395
Actual Expenditures & Encumbrances					
Pipeline	5,122,766	6,052,988	6,290,000	4,709,057	6,290,000
Facility	1,825,551	4,399,747	2,995,000	10,283,732	12,195,000
Fleet/Other	1,689,181	2,132,862	2,759,000	1,334,026	2,759,000
Total Capital Expend & Encumb	8,637,497	12,585,597	12,044,000	16,326,816	21,244,000
Net Construction Fund Inc(Decr)	(1,906,311)	5,530,337	(14,000)	(9,879,110)	(4,418,605)
Construction Fund Balance					
Opening Fund Balance	6,420,832	4,514,521	10,044,858	10,044,858	10,044,858
Net Capital Fund Inc(Decr)	(1,906,311)	5,530,337	(14,000)	(9,879,110)	(4,418,605)
Ending Fund Balance	\$ 4,514,521	\$ 10,044,858	\$ 10,030,858	\$ 165,748	\$ 5,626,253
<i>*Subject to additional year-end entries and final audit</i>					

Madison Water Utility Cash Reserves & Long-Term Debt FY 2022 FY 2023 FY 2024 As of May 31, Actual Actual Actual * 2025				
Cash Reserves				
Restricted:				
Bond Redemption Fund	\$ 13,164,827	\$ 13,191,166	\$ 13,217,358	\$ 5,586,500
Bond Redemption Reserve Fund	13,970,411	12,190,068	12,190,068	8,467,295
BAN Repayment Fund	10,000,000	10,000,000	-	-
Tank Recoat Reserve	-	800,000	800,000	1,600,000
Catastrophic Reserve	-	-	-	5,000,000
Depreciation Fund	750,000	750,000	750,000	750,000
PILOT Fund	-	-	-	3,123,500
Assessment Account	1,504,541	1,858,134	2,055,530	2,055,530
Revenue Bond Construction Fund	6,420,832	2,548,254	7,492,361	4,060,183
Expense Depreciation	-	1,966,423	2,413,110	3,606,123
Timing Adjustments	-	-	-	8,267,064
Unrestricted Cash Balance	6,198,389	16,178,312	18,960,007	19,757,089
Total Cash & Investments (Munis)	\$ 52,009,000	\$ 59,482,356	\$ 57,878,434	\$ 62,273,285
No. of months expenditures covered by Operating Reserves	1.73	4.41	5.16	5.25
Debt Coverage Ratio	1.95	2.61	2.88*	
Debt Equity Ratio	1.30	1.06	0.83	

**subject to financial statement being issued*





City of Madison

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Master

File Number: 88789

File ID: 88789

File Type: Miscellaneous

Status: Items Referred

Version: 1

Reference:

Controlling Body: WATER UTILITY BOARD

File Created Date : 06/18/2025

File Name: Capital Conditions Monthly Report

Final Action:

Title: Capital Conditions Monthly Report

Notes:

Sponsors:

Effective Date:

Attachments: Item 5 - Memo - Capital Projects Report June 2025.pdf, Item 5 - Attachment - Capital Projects Report June 2025.pdf

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1	Water Utility	06/18/2025	Refer	WATER UTILITY BOARD			
Action Text: This Miscellaneous was Refer to the WATER UTILITY BOARD							

Text of Legislative File 88789

.TITLE

Capital Conditions Monthly Report

.BODY

See corresponding memo and attachments.

MEMORANDUM

Date: June 24, 2025

To: Water Utility Board

From: Pete Holmgren, P.E. – Chief Engineer
Krishna Kumar – General Manager

Subject: Capital Projects Report

BACKGROUND

Board governance policy requires that the Utility shall not cause or allow conditions, procedures, or decisions that prevent the Madison Water Utility from meeting its obligation to serve current and future generations of customers within the City of Madison and its authorized service areas. Accordingly, the Utility shall not cause or allow conditions, procedures, or decisions that:

1. Fail to assure that required rates fund all expenditures for timely and prudent capital improvements to existing utility systems, and that those capital improvements are driven by reliability, operational or regulatory requirements, replacement of aging infrastructure, utility relocations for public works and road projects, extension of the life of existing systems, or customer input.
2. Fail to identify and plan for resource and infrastructure needs for the provision of water service to customers in a timely manner.
3. Fail to coordinate Madison Water Utility activities and policies with the City of Madison's Comprehensive Plan and other relevant guidelines for community development.
4. Fail to consider participation with other governmental or private entities on regional major water infrastructure or water supply planning projects.

The Engineering Section of the Utility strives to meet or exceed the expectations laid out above. The monthly Capital Budget to Actual Monthly Report reflecting these efforts is attached.

SUMMARY

The attached Capital Budget Monthly Report presents the total of both actual capital expenditures *and* encumbrances through May 2025; this total is ~\$16,327,000.

The 2025 actual capital expenditures in May total ~\$2,500,000 and consist of:

- ~\$1,750,000 in facility expenses
- ~\$140,000 in fleet/other expenses
- ~\$610,000 in pipeline expenses

For expense depreciation related to water main replacement projects:

- The total targeted spend amount in 2025 is \$5,000,000
- The actual capital expenditures through May are ~\$580,000
- Encumbrances *plus* actual capital expenditures through May are ~\$4,448,000

Please refer to the attached report for additional information, which also includes project updates for:

- Major Capital Project Unit Well 19
- Major Capital Project Unit Well 15
- Major Capital Project Unit Well 12

ATTACHMENTS:

1. Capital Projects Monthly Report – June 2025

WATER UTILITY BOARD

CAPITAL PROJECTS MONTHLY REPORT

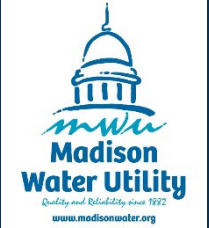


Pete Holmgren, P.E.
Chief Engineer

June 24, 2025



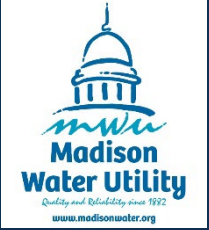
Capital Projects Monthly Report



■ PRESENTATION OVERVIEW:

1. Actual Expenditures Through May 2025
2. 2025 Expense Depreciation for Water Main Replacement
3. Capital Project Updates:
 - Unit Well 19 Iron, Manganese, & Radium Treatment Facility
 - Unit Well 15 PFAS Treatment Facility
 - Unit Well 12 Reconstruction

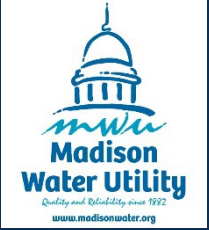
Capital Projects Monthly Report



2025 Actual Expenditures and Encumbrances (Through May):

- Total of Actual Expenditures and Encumbrances: ~\$16,327,000
- May 2025 Actual Expenditures (~\$2,500,000):
 1. Facilities: ~\$1,750,000
 2. Fleet/Other: ~\$140,000
 3. Pipelines: ~\$610,000

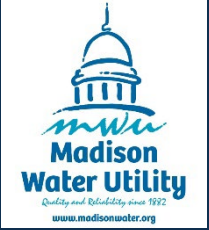
Capital Projects Monthly Report



2025 Water Main Expense Depreciation:

- The total targeted spend amount in 2025 is \$5,000,000.
- Actual expenditures through May are ~\$580,000
- Estimated encumbrances *plus* expenditures through May are \$4,448,000

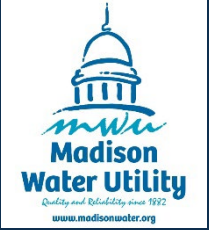
Capital Projects Monthly Report



Project Update: Unit Well 19 Iron, Manganese, & Radium Treatment

- Project Budget: \$9,183,000
 - Current Status: Construction
 - Coating of rooftops
 - Primary power, backup generation restored
 - Alternate deep well pump procurement due to delay
 - Upcoming:
 - Deep well installation and rehabilitation
 - Equipment programming and testing – now EARLY AUGUST

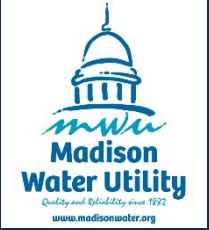
Capital Projects Monthly Report



Project Update: Well 15 PFAS Treatment Facility

- Project Budget: \$5,943,000
- Current Status: Construction
 - Facility painting, roof remediation, tank/pipe painting and inspections
 - Electrical – conduits, wiring, additional sensors (ongoing)
- Upcoming:
 - Equipment programming and testing – now MID JULY
 - Startup, training, and testing of new filter tanks – now LATE JULY
 - Stairs, railings, gratings, masonry, paneling

Capital Projects Monthly Report



Project Update: Well 12 Reconstruction

- Project Budget: \$8,00,000 (2025: \$800,000)
- Current Status: Planning and Analysis
 - Final comprehensive design contract with SEH (through 2025)
 - Preparations of plans and specs for Safe Drinking Water Loan Application (end of June)
 - Adjustment based on DNR meeting: 1.5M to 1.0M gallon reservoir design
- Upcoming:
 - Updated estimate of probable costs
 - Preparation of PSC Construction Authorization Application



Questions / Comments?

Contact Information:

Pete Holmgren

pholmgren@madisonwater.org



City of Madison

City of Madison
Madison, WI 53703
www.cityofmadison.com

Master

File Number: 88790

File ID: 88790

File Type: Report

Status: Items Referred

Version: 1

Reference:

Controlling Body: WATER UTILITY BOARD

File Created Date : 06/18/2025

File Name: Operations Monthly Report

Final Action:

Title: Operations Monthly Report

Notes:

Sponsors:

Effective Date:

Attachments: Item 6 - Memo - Operations Report June 2025.pdf,
Item 6 - Attachment - Operations Report June 2025.pdf

Enactment Number:

Author:

Hearing Date:

Entered by: jberndt@madisonwater.org

Published Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	Water Utility	06/18/2025	Refer	WATER UTILITY BOARD			
Action Text: This Report was Refer to the WATER UTILITY BOARD							

Text of Legislative File 88790

.TITLE

Operations Monthly Report

.BODY

See corresponding memo and attachment.



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MEMORANDUM

Date: June 24, 2025

To: Water Utility Board

From: Dan Rodefeld, Operations Manager

Subject: Monthly Operations Report

BACKGROUND


Board governance policy require that Madison residents will receive water which is consistent in its availability and quality. Accordingly, residents will:

- a. Experience minimal unplanned service interruptions
- b. Receive adequate notice of planned service interruptions
- c. Receive adequate notice of planned maintenance work that would significantly reduce water flow or pressure, and/or cause water discoloration

The Operations Section of the Utility strives hard to meet or exceed the expectations laid out above. The attached Monthly Operations Report for June 2025 reflecting these efforts is attached.

ATTACHMENTS

- A. Monthly Operations Report – June 2025

	MONTHLY OPERATIONS REPORT Jun-25		
	Jan-Apr-25	May-25	2025 YTD Total
Hydrants			
Total in Service - 9,522			
No. Replaced	17	6	23
No. of Inspections	1,614	502	2,116
No. Repaired	20	5	25
Unidirectional Flushing Runs	233	236	469
Conventional Flushing Runs	8	142	150
No. Re-painted	0	85	85
(Temp Water Connections)	152	31	183
Valves			
Total System valves - 16,102			
Total Large Service valves - 4,281			
Total Hydrant valves - 7,020			
No. Replaced	29	2	31
No. of Inspections	4,406	669	5,075
No. Repaired	42	9	51
System Leaks			
Total Miles in Service - 924			
Number of Main Leaks Repaired	164	11	175
Number of Service Leaks Repaired	7	6	13
Operational Projects			
Cast-in-place pipe lining (feet)	0	0	0
Pavement repair (open work orders)	244	32	276
Pavement repair (closed work orders)	5	12	17
Terrace repair (open work orders)	172	25	197
Terrace repair (closed work orders)	60	225	285



City of Madison

City of Madison
Madison, WI 53703
www.cityofmadison.com

Master

File Number: 88794

File ID: 88794

File Type: Report

Status: Items Referred

Version: 1

Reference:

Controlling Body: WATER UTILITY
BOARD

File Created Date : 06/18/2025

File Name: Public Information Monthly Report

Final Action:

Title: Public Information Monthly Report

Notes:

Sponsors:

Effective Date:

Attachments: Item 7 - Memo - Public Information Report June
2025.pdf, Item 7 - Attachment - Public Information
Report June 2025.pdf

Enactment Number:

Author:

Hearing Date:

Entered by: jberndt@madisonwater.org

Published Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	Water Utility	06/18/2025	Refer	WATER UTILITY BOARD			
Action Text: This Report was Refer to the WATER UTILITY BOARD							

Text of Legislative File 88794

.TITLE

Public Information Monthly Report

.BODY

See corresponding memo and attachment.



MEMORANDUM

Date: June 24, 2025
To: Water Utility Board
From: Marcus Pearson, Public Information Officer
Krishna Kumar, General Manager
Subject: Public Information Report

BACKGROUND

Madison Water Utility's overarching mission is to supply high quality water for consumption and fire protection, at a reasonable cost, while conserving and protecting our ground water resources for present and future generations. Community trust and awareness is built through our constant commitment to the preservation and protection our aquifer and care for Madison's vital drinking water infrastructure. This is cultivated through a wide variety of efforts performed by Utility staff daily.

The above expectations are met through:

1. Operation, maintenance, and management of our system.
2. Community outreach and engagement.
3. Customer service.

The Public Information Department of the Utility strives to exceed the expectations laid out above. The Monthly Public Information Report encompasses Utility efforts pertaining to public outreach and engagement occurring on or after June 1, 2025. The attachment(s) below reflect these efforts.

ATTACHMENTS

- A. Public Information Report

PUBLIC INFORMATION REPORT

June 2025



Public Communications	June 2025	2025 YTD Total
Social media posts	19	110
Media mentions	2	15
Customer Service calls	1,934	10,821
Meter Shop calls	332	2,420
Website views	21,019	92,992
Emails to email list subscribers	4	18
News releases	0	4

Ongoing Projects & Initiatives
Website translations
Where's Water?
Website Accessibility Initiative
MadCAP – Updated 2025 income guidelines & webform development
Lead Service Line inventory online database & new EPA reporting requirements
Meter Change Appointment Updates (website, postcards, QR code, expanded schedule)
Well 15, Well 19, Water Main Rehabilitation at Todd Drive (<i>District 10 - Figueroa Cole</i>)

Community Outreach Events	
June 2	Homeschool group tour of Well 31
June 6	Elvehjem Elementary Third Grade Research Fair (morning) Water Wagon @ Field Day (afternoon)
June 7 & 8	Water Wagon @ Thunderstruck Little League Tournament
June 10	Water Wagon @ John Muir Fun Run
June 14	Water Wagon @ Loop the Lake
June 16-18	Water Wagon @ Mobile Madison Park Events
July 8	Parks Alive at Darbo-Worthington
July 12	Art Fair on the Square
July 13	Art Fair on the Square
July 17	Parks Alive at Owl Creek Park
July 19	Opera in the Park
July 28, 29	All City Dive Meet at Parkcrest



City of Madison

City of Madison
Madison, WI 53703
www.cityofmadison.com

Master

File Number: 84022

File ID: 84022

File Type: Miscellaneous

Status: In Committee

Version: 1

Reference:

Controlling Body: WATER UTILITY
BOARD

File Created Date : 06/20/2024

File Name: Board Meeting Evaluation and Discussion

Final Action:

Title: Meeting Evaluation and Discussion

Notes:

Sponsors:

Effective Date:

Attachments: Board_Evaluation.pdf

Enactment Number:

Author:

Hearing Date:

Entered by: jberndt@madisonwater.org

Published Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
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Text of Legislative File 84022

.Title
Meeting Evaluation and Discussion

Water Utility Board Self-Evaluation Form

(Relates to Board Policy BP-2A and GUIDE 5)

All members actively participate in discussions, and all members have opportunities to voice opinions/positions on agenda topics.

Not Met 1 2 3 4 5 Fully Met

Members come prepared to engage in discussion by reviewing materials provided prior to the meeting.

Not Met 1 2 3 4 5 Fully Met

Members engage in active listening and avoid interrupting other speakers.

Not Met 1 2 3 4 5 Fully Met

Members offer honest opinions and respect the viewpoints expressed by other members.

Not Met 1 2 3 4 5 Fully Met

Members honor WUB procedures and policies as outlined in the WUB Policy book.

Not Met 1 2 3 4 5 Fully Met

Members represent the collective interest of current and future Madison residents.

Not Met 1 2 3 4 5 Fully Met

Members make decisions based on equity principles considering the decision's impact on all residents. The decision-making process considers: Who benefits? Who is burdened? Who does not have a voice at the table? How can policymakers mitigate unintended consequences?

Not Met 1 2 3 4 5 Fully Met

Developed by Pat Delmore, January 2019. Updated July 2020.