vierbicher
advisors / engineers / surveyors

201 E. Main St | Suite 100 | Reedsburg, Wisconsin 53959
Phone: 608-524-6468 | Fax: 608-524-8218 | vierbicher.com

MEMORANDUM

To: Village of DeForest Board
From: Darrin Pope, PE & Marty Beranek, PE
Subject: Wellhouse Improvements for Fluoride Reintroduction

Date: May 13, 2026

The following summarizes the steps that need to be taken with consideration of alternative approaches to facilitate the reintroduction of fluoride into the water system.

I. Required Equipment & Improvements:

Well No. 2:

Fluoride was previously added to the water at Well No. 2. There is currently no storage tank or chemical feed equipment at this facility to support fluoride introduction. There is not a separate chemical room at this wellhouse.

WDNR Administrative Code Chapter §NR 811.51(2)(a) requires separate chemical feed rooms for new well facilities and/or those that have not previously included fluoride feed equipment. According to correspondence (see attached email) from Amy Kubly of the WDNR, the WDNR would not require a separate chemical room for the fluoride equipment at well No. 2. Fluoride vapor is highly corrosive and can etch glass and other surfaces and corrode metal components of mechanical, electrical and plumbing (MEP) systems. This can lead to premature failure of pumping, control, and MEP equipment resulting in costly, premature replacements. We have witnessed this premature deterioration and failures due to fluoride vapor in well facilities in other public water systems. If fluoride is to be added to the water at this facility, we recommend constructing a separate fluoride room onto the existing wellhouse to house new fluoride storage tank, feed equipment, and the required emergency eyewash/drench shower.

In addition to adding a separate fluoride room, and based on a recent inspection, several repairs/rehabilitations are recommended for the Well No. 2 Facility including replacing the deteriorated ceiling, replacing the aged membrane roof and roof deck insulation, and replacement of the original fuse-based electrical distribution system.

Fluoride addition at this facility will also require an update to the water system's supervisory control and data acquisition (SCADA) system to monitor fluoride addition.

An engineer's opinion of probable costs for adding the fluoride room, tank, feed equipment, and updating the water system's SCADA system to monitor fluoride addition, and making the recommended repairs/improvements is attached to this memo.

We are seeking direction on the specific improvements to be implemented at Well No. 2.

- Construct a new fluoride feed room or install fluoride equipment in the existing pump room?
- Rehabilitate deteriorating conditions within the wellhouse?

Well No. 3:

Fluoride was previously added to the water at Well No. 3. The storage tank and feed equipment are no longer in place at this facility. The wellhouse currently includes a separate room to house the fluoride tank and chemical feed equipment. As such, new feed equipment could be installed in the fluoride feed room. There is an existing eyewash station, but not a drench shower as required by NR §811.40(2)(c)1. & federal OSHA standards. An emergency eyewash/drench shower station will be required in the fluoride feed room. Water supplied to the emergency eyewash/drench shower station must be "tepid" (between 60 & 100 °F) per ANSI standard Z358.1. As such, a hot water heater will need to be installed.

An engineer's opinion of probable costs for adding the fluoride tank, feed equipment, hot water heater, eyewash/drench shower station, and updating the water system's SCADA system to monitor fluoride addition is attached to this memo.

Well No. 4:

Fluoride was previously added to the water Well No. 4. The storage tank and feed equipment are no longer in place at this facility. The wellhouse currently includes a separate room to house the fluoride tank and feed equipment. It does not contain the required emergency eyewash/drench shower station. As such, the new storage tank, feed equipment, and eyewash/drench shower station will be required to be installed in the fluoride feed room. A hot water heater will be needed to supply tepid water, per the above cited ANSI standard, to the emergency eyewash/drench shower station.

An engineer's opinion of probable costs for adding the fluoride tank, feed equipment, emergency eyewash/drench shower station, hot water heater, and updating the water system's SCADA system to monitor fluoride addition is attached to this memo.

Well No. 6:

Fluoride has never been added to the water at Well No. 6. In accordance with current WDNR Administrative Code Chapter §NR 811.51(2)(a), the required fluoride tank, feed equipment, and an emergency eyewash/drench shower station would need to be housed in a separate fluoride feed room. There is space available in the existing meter repair room to construct a fluoride feed room. A separate exterior entrance, interior viewing window, heating and ventilating systems, and floor drain would be required for the new fluoride room. Fluoride feed tubing in a conduit would need to be extended from the new fluoride room to the well discharge piping in the existing chemical room. There is an existing restroom adjacent to the chemical feed room. Conversion of the restroom into a separate fluoride feed room would avoid the need to install another floor drain, reduce the tubing and conduit lengths between the fluoride room and chemical room, and the existing door to the meter room could be converted to a viewing window. Due to these efficiencies, it is recommended that the restroom be converted into a fluoride room and a replacement restroom be constructed in the corner of the existing meter repair room.

An engineer's opinion of probable costs for converting the restroom into a separate fluoride room, adding the fluoride tank and equipment, an emergency eyewash/drench shower station, constructing a new restroom, and updating the water system's SCADA system to monitor fluoride addition is attached to this memo.

II. Regulatory Approvals:

WDNR**:** Plans showing the fluoride feed room addition at Well No. 2 will require WDNR approval. The reinstallation of fluoride feed equipment at Well Nos. 3 & 4 will require WDNR approval. Plans showing the conversion of the restroom into a fluoride feed room at Well No. 6 will require approval by the WDNR.

State of Wisconsin Department of Safety & Professional Services (DSPS): Based on a review of State of Wisconsin Building Code (Chapter SPS 361) and the International Building Code (adopted by the State of Wisconsin) the plans do not need to be submitted to the Wisconsin DSPS for plan approval. Following are the applicable citations:

1. Wisconsin Building Code § SPS 361.30-Plan Review and Approval, Table 361.30-1 Buildings Exempt from Plan Review, exempts buildings of Occupancies "F" (Factory Group) and "U" (Utility and Miscellaneous Group) from plan review when "total building volume is less than 25,000 cu. ft.".

Both the Well No. 2 building volume, including the new fluoride room addition, and the Well No. 6 building volume are less than 25,000 cu. ft.; therefore, they are exempt from plan review.

2. International Building Code (IBC) Table 307.1(2)-Maximum Allowable Quantity (MAQ) per Control Area of Hazardous Materials: Limits the Maximum Allowable Quantity (MAQ) for fluoride (corrosive material category) to 100 gals for use-open systems. This table also limits the MAQ for fluoride storage to 500 gallons per control area. Also, Footnote "b" states, "the aggregate quantity in use and storage shall not exceed the quantity listed for storage".

The anticipated fluoride storage tank volume at each well facility will be less than the 100-gallons Maximum Allowable Quantity (MAQ) requirement of the IBC.

III. Schedule:

Well 2:

Milestone	Duration
Building Addition & Repairs, Fluoride Feed Equipment Plans, Specifications, Bidding Documents, & WDNR Permit Application	4 months
WDNR Plan Review & Approval	30-90 days
Bidding & Contract Award	4 weeks
Construction & SCADA System Updates	4-6 months*
Total Estimated Completion Time	**10 to 14 months**

*Construction duration is subject to equipment delivery times. Electrical equipment may have a several month delivery time.

Well 3:

Milestone	Duration
Fluoride Feed Equipment WDNR Permit Application	1 month
WDNR Review & Approval	30-90 days
Equipment Delivery & Installation	6 weeks
SCADA System Updates	2-4 weeks
Total Estimated Completion Time	**4 to 6.5 months**

Well 4:

Milestone	Duration
Fluoride Feed Equipment & Eyewash/Drench Shower Plans, Specifications, Bidding Documents & WDNR Permit Application	2 months
WDNR Review & Approval	30-90 days
Bidding & Contract Award	4 weeks
Construction & SCADA System Updates	2 months
Total Estimated Completion Time	**6 to 8 months**

Well 6:

Milestone	Duration
Building Modifications & Fluoride Feed Equipment Plans, Specifications, Bidding Documents, WDNR Permit Application	4 months
WDNR Plan Review & Approval	30-90 days
Bidding & Contract Award	4 weeks
Construction & SCADA System Updates	4-6 months*
Total Estimated Completion Time	**10 to 14 months**

*Construction duration is subject to equipment delivery times. Electrical equipment may have a several month delivery time.

IV. Attachments:

- Engineer's Opinion of Probable Cost
  - Well 2
  - Well 3
  - Well 4
  - Well 6
- 12-19-2025 Email Correspondence with Amy Kubly, WDNR Water Supply Engineer
- 2026-02-17 Email Correspondence with Amy Kubly, WDNR Water Supply Engineer

Opinion of Probable Cost
5/12/2026
Fluoride Addition
Well No. 2 Pumphouse
Village of DeForest, Wisconsin

Item Ref. No.	Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	Fluoride Room Addition	LS	1	$ 53,600.00	$ 53,600.00
2	Fluoride Feed Equipment	LS	1	$ 5,900.00	$ 5,900.00
3	SCADA System Update for Fluoride Feed Monitoring	LS	1	$ 5,300.00	$ 5,300.00
4	Alterations to Existing Building	LS	1	$ 67,800.00	$ 67,800.00
				Subtotal	$ 132,600.00
				Contingency (15%)	$ 19,900.00
				Engineering (15%)	$ 19,900.00
				Total -Well 2 Fluoride Addition	**$ 173,000.00**

This Engineer's Opinion of Probable Cost is made on the basis of our experience and qualifications. It represents our best judgment as experienced and qualified design professionals based on our information available at the time the cost opinion is made. It should be recognized that Vierbicher Associates, Inc. does not have control over the cost of materials or services furnished by others, over market conditions, or contractors methods of determining their prices. Accordingly, Vierbicher Associates, Inc. cannot and does not guarantee that bids or actual costs will not vary from this opinion.

Opinion of Probable Cost
5/12/2026
Fluoride Addition
Well No. 3 Pumphouse
Village of DeForest, Wisconsin

Item Ref. No.	Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	Fluoride Feed Equipment	LS	1	$ 5,900.00	$ 5,900.00
2	Emergency Eyewash/Drench Shower & Water Heater	LS	1	$ 9,000.00	$ 9,000.00
3	SCADA System Update for Fluoride Feed Monitoring	LS	1	$ 5,300.00	$ 5,300.00
				Subtotal	$ 20,200.00
				Contingency (15%)	$ 3,100.00
				Engineering (15%)	$ 3,100.00
				Total - Well 3 Fluoride Addition	**$ 27,000.00**

This Engineer's Opinion of Probable Cost is made on the basis of our experience and qualifications. It represents our best judgment as experienced and qualified design professionals based on our information available at the time the cost opinion is made. It should be recognized that Vierbicher Associates, Inc. does not have control over the cost of materials or services furnished by others, over market conditions, or contractors methods of determining their prices. Accordingly, Vierbicher Associates, Inc. cannot and does not guarantee that bids or actual costs will not vary from this opinion.

R:\DeForest, Village of\260097 - Wellhouse Improvements\Design Development\Opinion of Probable Cost\Well 3\[2026-05-12_EOPC_FluorideAddition-DeFoWell3.xlsx]FI Equip+ SCADA-Well3

vierbicher
advisors / engineers / surveyors

Opinion of Probable Cost
5/12/2026
Fluoride Addition
Well No. 4 Pumphouse
Village of DeForest, Wisconsin

Item Ref. No.	Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	Fluoride Feed Equipment	LS	1	$ 5,900.00	$ 5,900.00
2	Emergency Eyewash/Drench Shower & Water Heater	LS	1	$ 9,000.00	$ 9,000.00
3	SCADA System Update for Fluoride Feed Monitoring	LS	1	$ 5,300.00	$ 5,300.00
				Subtotal	$ 20,200.00
				Contingency (15%)	$ 3,100.00
				Engineering (15%)	$ 3,100.00
				Total -Well 2 Fluoride Addition	**$ 27,000.00**

This Engineer's Opinion of Probable Cost is made on the basis of our experience and qualifications. It represents our best judgment as experienced and qualified design professionals based on our information available at the time the cost opinion is made. It should be recognized that Vierbicher Associates, Inc. does not have control over the cost of materials or services furnished by others, over market conditions, or contractors methods of determining their prices. Accordingly, Vierbicher Associates, Inc. cannot and does not guarantee that bids or actual costs will not vary from this opinion.

Opinion of Probable Cost
5/12/2026
Fluoride Addition
Well No. 6 Pumphouse
Village of DeForest, Wisconsin

Item Ref. No.	Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	Alterations to Convert Restroom into Fluoride Room	LS	1	$ 50,900.00	$ 50,900.00
2	Fluoride Feed Equipment	LS	1	$ 5,900.00	$ 5,900.00
3	SCADA System Update for Fluoride Feed Monitoring	LS	1	$ 5,300.00	$ 5,300.00
4	Alterations to Relocate Restroom	LS	1	$ 14,000.00	$ 14,000.00
				Subtotal	$ 76,100.00
				Contingency (15%)	$ 11,500.00
				Engineering (15%)	$ 11,500.00
				Total - Well 6 Fluoride Addition	**$ 100,000.00**

This Engineer's Opinion of Probable Cost is made on the basis of our experience and qualifications. It represents our best judgment as experienced and qualified design professionals based on our information available at the time the cost opinion is made. It should be recognized that Vierbicher Associates, Inc. does not have control over the cost of materials or services furnished by others, over market conditions, or contractors methods of determining their prices. Accordingly, Vierbicher Associates, Inc. cannot and does not guarantee that bids or actual costs will not vary from this opinion.

vierbicher
advisors / engineers / surveyors

Darrin Pope <dpop@vierbicher.com>

FW: Fluoride is back

Judd Blau <Blauj@deforestwi.gov> Tue, May 12, 2026 at 9:28 AM
To: Mark Mathews <mmat@vierbicher.com>, Craig Mathews <cmat@vierbicher.com>, Darrin Pope <dpop@vierbicher.com>, Marty Beranek <mber@vierbicher.com>
Cc: Greg Hall <Hallg@deforestwi.gov>

See highlighted below.

I've also attached the summary from the last time we discussed this with Amy at the DNR.

Judd Blau

Director of Public Services / Deputy Administrator / IT

Village of DeForest

608-846-6751

PLEASE NOTE MY EMAIL ADDRESS HAS CHANGED PLEASE UPDATE YOUR RECORDS
BLAUJ@DEFORESTWI.GOV

From: Kubly, Amy L - DNR <Amy.Kubly@wisconsin.gov>
Sent: Friday, December 19, 2025 12:43 PM
To: Judd Blau <Blauj@deforestwi.gov>
Subject: RE: Fluoride is back

Judd,

The following language is found in NR 809, Wisconsin Administrative Code:

"**NR 809.74 Additional requirements for public water systems which chlorinate or fluoridate water. (1)** PUBLIC WATER SYSTEMS WHICH ADD FLUORIDE. (a) The water supplier for a community water system artificially fluoridating the water shall establish a monitoring program in order to maintain the fluoride concentration within the range of 0.6 to 0.8 milligrams per liter recommended by the dental health section of the department of health services for optimum dental benefits."

The water in the area near a well that does not fluoridate would not be able to maintain an optimal fluoride concentration of 0.6-0.8 mg/L. Please let me know if you have any further questions.

We are committed to service excellence.
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Amy Kubly
Phone: 608-219-3068
amy.kubly@wisconsin.gov

From: Judd Blau <Blauj@deforestwi.gov>
Sent: Thursday, December 18, 2025 2:44 PM
To: Kubly, Amy L - DNR <Amy.Kubly@wisconsin.gov>
Cc: Pierce, Eileen F - DNR <Eileen.Pierce@wisconsin.gov>; Greg Hall <Hallg@deforestwi.gov>
Subject: RE: Fluoride is back

CAUTION: This email originated from outside the organization.
Do not click links or open attachments unless you recognize the sender and know the content is safe.

Amy, Can you please share with us where in the code/statutes it says that we need to add fluoride to the whole system. We want to be able to cover our bases with the board should some of they say they only want to fluoridate the parts that we had previously.

Thanks in advance

Judd Blau

Director of Public Services / Deputy Administrator / IT

Village of DeForest

608-846-6751

PLEASE NOTE MY EMAIL ADDRESS HAS CHANGED PLEASE UPDATE YOUR RECORDS
BLAUJ@DEFORESTWI.GOV

From: Kubly, Amy L - DNR <Amy.Kubly@wisconsin.gov>
Sent: Wednesday, October 15, 2025 1:51 PM
To: Judd Blau <Blauj@deforestwi.gov>
Cc: Pierce, Eileen F - DNR <Eileen.Pierce@wisconsin.gov>
Subject: RE: Fluoride is back

Judd,

That is a great question. I posed it to our drinking water section chief, and this is a synopsis of his answer:

For a well that previously added fluoride, the department would not require a separate room for fluoride, but the department would recommend it. If fluoride was never added at a well, the department will require the new installation to be reviewed and approved to meet all NR811requirements, which would include a separate room for fluoride.

As for plan review of the wells that previously added fluoride, a full plan approval will be required as well so the department can assure that the previously installed equipment still meets code. Secondary containments and vents at fluoride containers would also be required.

Let me know if you have any questions about these requirements.

We are committed to service excellence.
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Amy Kubly
Phone: 608-219-3068
amy.kubly@wisconsin.gov

From: Judd Blau <Blauj@deforestwi.gov>
Sent: Wednesday, October 15, 2025 8:28 AM
To: Kubly, Amy L - DNR <Amy.Kubly@wisconsin.gov>
Cc: Greg Hall <Hallg@deforestwi.gov>
Subject: Fluoride is back

CAUTION: This email originated from outside the organization.
Do not click links or open attachments unless you recognize the sender and know the content is safe.

Amy, I'm being told my Village board is bringing the fluoride debate back. Can you please tell me all the regulations that we are required to abide by should the Village Board want to bring back Fluoride.

We had 2 well houses that did not have segregated areas for fluoride and 2 that did. I would guess we need to add separate rooms for the fluoride to the two that aren't segregated. (one never even had fluoride) With the other 2, are there different regulations that have been added?

Judd Blau

Director of Public Services / Deputy Administrator / IT

Village of DeForest

608-846-6751

PLEASE NOTE MY EMAIL ADDRESS HAS CHANGED PLEASE UPDATE YOUR RECORDS
BLAUJ@DEFORESTWI.GOV

---------- Forwarded message ----------

From: "Kubly, Amy L - DNR" <Amy.Kubly@wisconsin.gov>
To: Judd Blau <Blauj@deforestwi.gov>, Bill Chang <changb@deforestwi.gov>
Cc:
Bcc:
Date: Tue, 17 Feb 2026 18:47:31 +0000
Subject: RE: DeForest, WI - Timeline to Reimplement Fluoride

Judd,

Thank you for summarizing our conversation. I have reviewed and concur with everything written in the email below sent to me on February 10, 2026. Please let me know if you have any further questions.

We are committed to service excellence.
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Amy Kubly
Phone: 608-219-3068
amy.kubly@wisconsin.gov

From: Judd Blau <Blauj@deforestwi.gov>
Sent: Tuesday, February 10, 2026 3:49 PM
To: Kubly, Amy L - DNR <Amy.Kubly@wisconsin.gov>; Bill Chang <changb@deforestwi.gov>
Subject: FW: DeForest, WI - Timeline to Reimplement Fluoride

CAUTION: This email originated from outside the organization.
Do not click links or open attachments unless you recognize the sender and know the content is safe.

Amy, This is a follow up email summarizing our discussion from today regarding your correspondence with a concerned citizen in the DeForest area. Can you confirm this is accurate?

The WDNR would allow a stepped approach meaning that Utility could reintroduce fluoride to any previously fluoridated wells before commencing adding to Well 6.

- NR 809.74 (1)(a) requires a system fluoride concentration within the range of 0.6 to 0.8 milligrams per liter. WDNR acknowledges that Village cannot add more than 0.8 milligrams per liter at well sites at risk of overtreating in the immediate area, therefore dilution will likely lead to a full system concentration of below 0.6 milligrams per liter in the interim, especially in the southern half of the system. Therefore, Village will not be in compliance with the code. WDNR is acceptable of this.
- Due to facility constraints and maintenance needs in Well 2, if Village opts for a stepped approach, it would be Wells 3 & 4 first. Well 2 is in need for replacement mechanicals, piping and ventilation and recommended to construct a separation room. Therefore, it makes the most sense for facility improvements at Well 2 and Well 6 to be at the same time. This also provides an efficient approach for plan review but further implicates the concentration levels.
- We will need to comply with state statutes and have all plans and specs submitted, reviewed and approved by the WDNR Drinking water Plan Review Section for each phase of the implementation
- Since this is an elective chemical, this approach is optional not a requirement.

Judd Blau

Director of Public Services / Deputy Administrator / IT

Village of DeForest

608-846-6751

PLEASE NOTE MY EMAIL ADDRESS HAS CHANGED PLEASE UPDATE YOUR RECORDS BLAUJ@DEFORESTWI.GOV

From: Chris McDonald <mcdonaldchrisj@gmail.com>
Sent: Tuesday, February 3, 2026 12:25 PM
To: Judd Blau <Blauj@deforestwi.gov>; Bill Chang <changb@deforestwi.gov>
Cc: VillageBoard <VillageBoard@deforestwi.gov>; Callista Lundgren <Lundgrenc@deforestwi.gov>
Subject: Fwd: DeForest, WI - Timeline to Reimplement Fluoride

Good afternoon Judd/Bill,

Below is confirmation from the WI DNR that the department will allow a stepped approach to reimplement fluoride in DeForest. This includes restarting fluoride at wells 2, 3, and 4 as soon as practicable and then planning for the required and optional infrastructure updates at Wells 6 and 2, respectively.

The window to apply for a Community Water Fluoridation Grant from the DHS has reopened. To secure funding for the latest round, an application must be submitted by February 20th, 2026 and money must be spent between March 1st and August 31st of this year.

I wanted to share this clarification so staff and the board have the same understanding of the allowable timeline and grant window as implementation planning moves forward.

I'm sharing solely to ensure no regulatory or funding opportunities are missed while staff prepares the next steps directed by the board.

Thanks,

Chris McDonald

314-852-7423 (cell)

---------- Forwarded message ---------
From: **Kubly, Amy L - DNR** <Amy.Kubly@wisconsin.gov>
Date: Tue, Feb 3, 2026 at 11:59 AM
Subject: RE: DeForest, WI - Timeline to Reimplement Fluoride
To: Chris McDonald <mcdonaldchrisj@gmail.com>

Chris,

The department will allow a stepped approach to re-installing fluoride at DeForest Waterwork's 4 municipal wells as it is an elective chemical addition. The fluoride addition may begin at the three wells, 2, 3 and 4,

where fluoride was originally installed, before it is installed at well 6 where fluoride has never been added if DeForest Waterworks continues to proceed with the engineering and architectural upgrades required to add fluoride at well 6. The fluoride installations at all four wells need to have plans and specs submitted, reviewed, and approved by the WDNR Drinking Water program Plan Review section, and they can be separate plan submittals for the two phases.

As of yesterday, February 2nd, the Wisconsin Oral Health Program has opened another Fluoride Equipment Grant. The application window for this grant is from now until February 20th, 2026, and is available for all water systems that are either adding fluoridation or are considering adding fluoridation to their water system. This grant funding is for fluoridation equipment (i.e. pumps, tanks, scales, PPE, testing equipment, etc.) and a water system can apply for as much funding as they need. Funds will be awarded by early March, and successful applicants will have from March 1st to August 31st, 2026, to use these funds. I just send the grant information to DeForest Waterworks.

Let me know if you have any questions.

Amy Kubly
amy.kubly@wisconsin.gov

From: Chris McDonald <mcdonaldchrisj@gmail.com>
Sent: Thursday, January 22, 2026 11:45 AM
To: Kubly, Amy L - DNR <Amy.Kubly@wisconsin.gov>
Subject: DeForest, WI - Timeline to Reimplement Fluoride

CAUTION: This email originated from outside the organization.
Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ms Kubly,

My name is Chris McDonald and I live in Windsor, WI. I have been involved with an effort to reinstate fluoride in the Village of DeForest over the past year.

On Tuesday, Jan 20th the DeForest Village board voted 5-2 to begin the process of reimplementing fluoride in the municipal water system.

My understanding of the DeForest water system is we have 4 wells - Wells 2, 3, 4, and 6. Wells 2, 3, and 4 were previously fluoridated and Well 6 was never fluoridated. Well 3 & 4 were built to the most recent chemical storage standards and Well 2 was grandfathered in for that regulation.

Can you please confirm that, from the WI DNR's standpoint, DeForest can phase in the timing of reimplementation such that they could re-enable fluoride in Wells 2, 3, and 4 immediately and then later phase in the infrastructure updates for Well 6 (and potentially an optional room in Well 2)?

At the meeting, there were concerns that it may take upwards of a year to engineer plans, secure funding, put a contract out to bid, and begin construction for an estimated $225k in infrastructure work.

However, a grant is available from the WI DHS to cover the cost of fluoride equipment now, so I'd like to understand if the village can re-enable fluoride immediately in the system that previously had fluoride and responsibly plan infrastructure updates at Well 6 in a reasonable timeline.

Thank you,

Chris McDonald

314-852-7423 (cell)

RE: DeForest, WI - Timeline to Reimplement Fluoride.eml
58K

Subject: RE: DeForest, WI - Timeline to Reimplement Fluoride

Kubly, Amy L - DNR <Amy.Kubly@wisconsin.gov> Feb 17, 2026, 12:4
to Judd Blau, Bill Chang

Judd,

Thank you for summarizing our conversation. I have reviewed and concur with everything written in t email below sent to me on February 10, 2026. Please let me know if you have any further questions.

We are committed to service excellence.
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Amy Kubly
Phone: 608-219-3068
amy.kubly@wisconsin.gov

From: Judd Blau <Blauj@deforestwi.gov>
Sent: Tuesday, February 10, 2026 3:49 PM
To: Kubly, Amy L - DNR <Amy.Kubly@wisconsin.gov>; Bill Chang <changb@deforestwi.gov>
Subject: FW: DeForest, WI - Timeline to Reimplement Fluoride

CAUTION: This email originated from outside the organization.
Do not click links or open attachments unless you recognize the sender and know the content is safe.

Amy, This is a follow up email summarizing our discussion from today regarding your correspondence with a concerned citizen in the DeForest area. Can you confirm this is accurate?

The WDNR would allow a stepped approach meaning that Utility could reintroduce fluoride to any previously fluoridated wells before commencing adding to Well 6.

- NR 809.74 (1)(a) requires a system fluoride concentration within the range of 0.6 to 0.8 milligra per liter. WDNR acknowledges that Village cannot add more than 0.8 milligrams per liter at wel sites at risk of overtreating in the immediate area, therefore dilution will likely lead to a full syste concentration of below 0.6 milligrams per liter in the interim, especially in the southern half of th system. Therefore, Village will not be in compliance with the code. WDNR is acceptable of this
- Due to facility constraints and maintenance needs in Well 2, if Village opts for a stepped approach, it would be Wells 3 & 4 first. Well 2 is in need for replacement mechanicals, piping a ventilation and recommended to construct a separation room. Therefore, it makes the most ser for facility improvements at Well 2 and Well 6 to be at the same time. This also provides an efficient approach for plan review but further implicates the concentration levels.
- We will need to comply with state statutes and have all plans and specs submitted, reviewed a approved by the WDNR Drinking water Plan Review Section for each phase of the implementa
- Since this is an elective chemical, this approach is optional not a requirement.