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: September 29, 2026

The following is an update on our efforts in assisting the Village with reinstatement of fluoride into the water system.

Well No. 2:

Preliminary plans for adding a separate fluoride room, an emergency eyewash/drench shower station, and water heater were completed and shared with Public Works Staff for their review on 9/4/2026. Review comments were provided on 9/8/2026.

Final plans are currently being drafted with the targeted completion date of 10/16/2026. Once final plans are completed and review comments have been received by Public Works staff on the final plans, we will submit them to the WDNR for their review and approval.

We assisted Village staff with ordering the fluoride feed equipment from Martelle Water Treatment. There is a 2-3 week lead time on the fluoride feed pumps. We are expecting the equipment to be delivered by the week of 10/25/26, and construction of the fluoride room completed by 7/19/27 as indicated in the schedule below.

Well 2 Schedule:

Milestone	Duration	Start	Complete
Final Plans, Specifications, Bid Docs, & WDNR Permit App. Submittal	5 weeks	9/14/26	10/16/26
Village Review	1 week	10/19/26	10/23/26
WDNR Plan Review & Approval	30 days [1]	10/26/26	11/27/26
Bidding & Contract Award	4 weeks	12/1/26	12/31/26
Process Contracts	2 weeks	1/4/27	1/15/27
Construction & SCADA System Updates	4 months [2]	3/15/27	7/19/27 [3]

(1) Anticipated WDNR review time is 30 days based on 24-day review time for Wells 3 & 4 documents.

(2) Construction duration is subject to equipment delivery times. Electrical equipment may have several months' delivery time.

(3) Construction deadline per Village Staff 5/28/26.

Well No. 3 & 4:

Plans and specifications for the installation of new fluoride feed equipment, emergency eyewash/drench shower, and water heaters were submitted to the WDNR on 7/6/26 and subsequently approved on 7/30/26.

The plans and specifications were provided to three local plumbing contractors on 8/13/26 to obtain quotes for installation of the emergency eyewash/drench shower stations and water heaters. One quote has been provided at this time. We are following up with the other two plumbing contractors to obtain their quotes. We anticipate having all quotes returned by 10/16/26.

We assisted Village staff with ordering the fluoride feed equipment from Martelle Water Treatment. There is a 2-3 week lead time on the fluoride feed pumps. Martelle has all the other required equipment in stock. We are expecting the equipment to be installed by the week of 10/25/26, and installation of the eyewash/drench shower and water heater to be completed no later than 1/19/27 as shown in the schedule below.

Wells 3 & 4 Schedule:

Milestone	Duration	Start	Complete
WDNR Plan Review & Approval	24 days	7/6/26	7/30/26
Solicit Quotes for Plumbing Work	9 weeks	8/13/26	10/16/26
Procure & Install Fluoride Feed Equipment	6 weeks	9/28/26	11/6/26
Plumbing Work & SCADA System Updates	3 months [1]	10/21/26	1/19/27 [2]

(1) Construction duration is subject to equipment delivery times.

(2) Construction deadline per Village Staff 5/28/26.

Well No. 6:

Preliminary plans for the conversion of the restroom into a fluoride room, installation of an emergency eyewash/drench shower station, upgrading the water heater, and construction of the replacement restroom are currently being developed. The Schedule is noted below.

Well 6 Schedule:

Milestone	Duration	Start	Complete
Preliminary Plans, Specifications, & Bidding Documents	5 weeks	9/15/26	10/16/26
Village Review	1 week	10/19/26	10/23/26
Final Plans, Specs, Bid Docs, & WDNR Permit App. Submittal	1 week	10/26/26	10/30/26
WDNR Plan Review & Approval	30 days [1]	11/2/26	12/4/26
Bidding & Contract Award	4 weeks	12/1/26	12/31/26
Process Contracts	2 weeks	1/4/27	1/15/27
Construction & SCADA System Updates	4-6 months [2]	1/18/27	7/19/27 [3]

(1) Anticipated WDNR review time is 30 days based on 24-day review time for Wells 3 & 4 documents.

(2) Construction duration is subject to equipment delivery times. Electrical equipment may have several months' delivery time.

(3) Construction deadline per Village Staff 5/28/26.