

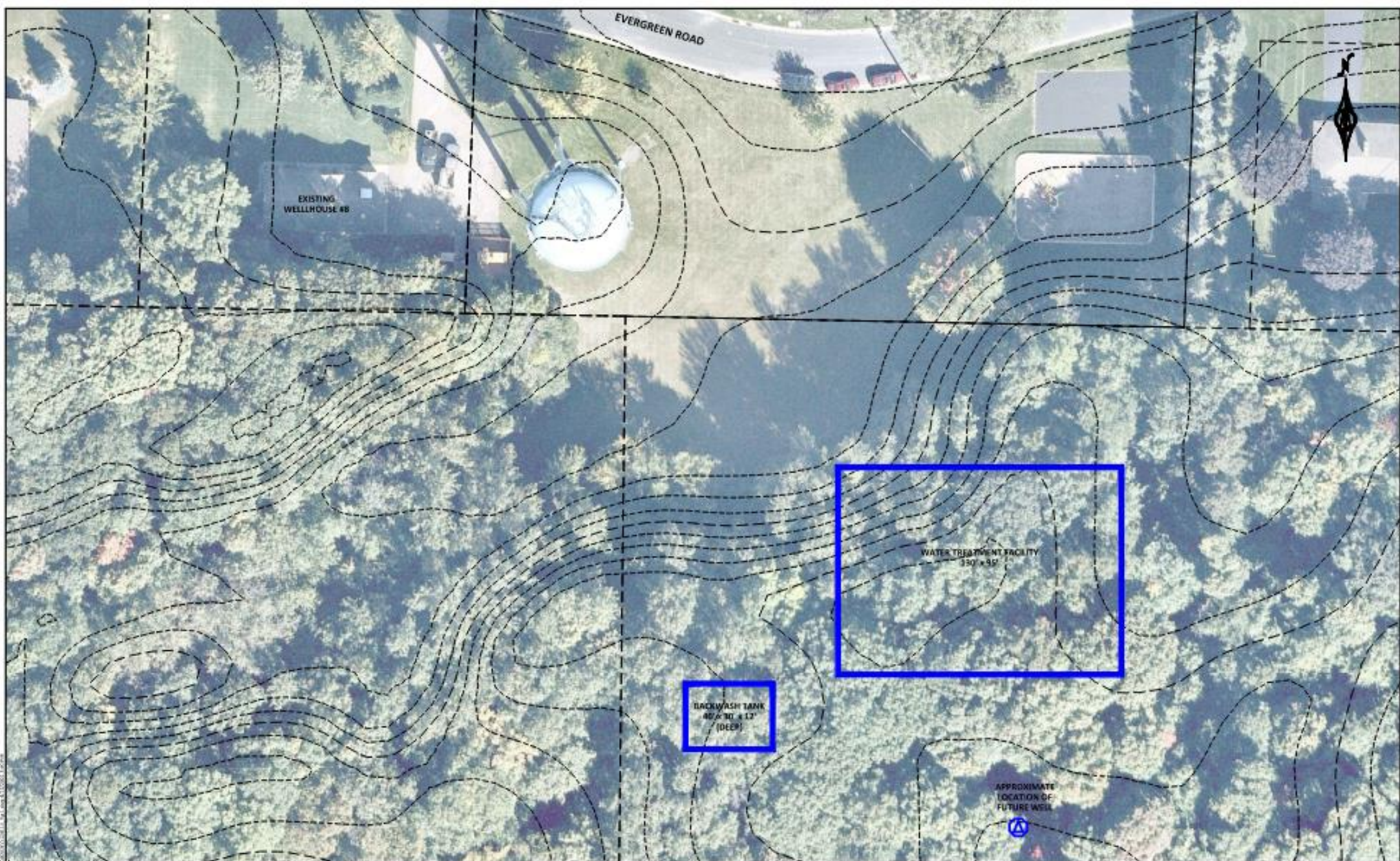


Real People. Real Solutions.

Water Treatment Update

September 28, 2021





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DATE	02/01/18
BY	TMB
REVISION	1.0
PROJECT NO.	16-124136

CITY OF MOUND, MINNESOTA
WATER TREATMENT STUDY
EXISTING SITE
PRELIMINARY SITE LAYOUT

SHEET
1



Proposed Construction Costs

Table 7.1 – Estimated Water Treatment Facility Construction Costs	
City of Mound, Minnesota	
Item	Cost
Mobilization, Bonds Insurance	\$600,000
Well Construction	\$440,000
Well House Building Construction	\$350,000
Seal Well No.4 and 7	\$200,000
Site Work	\$870,000
Utilities	\$1,400,000
Water Treatment Facility Building Construction	\$5,500,000
Vertical Turbine Pumps	\$240,000
Air wash blowers	\$80,000
Water Aeration Equipment	\$140,000
Underdrain/media/troughs	\$350,000
Chlorine Feed System	\$190,000
Fluoride Feed System	\$80,000
Corrosion Inhibitor Feed System	\$80,000
Process Piping and Valves	\$1,100,000
Painting & Coating Systems	\$240,000
HVAC & Plumbing	\$350,000
Electrical, Instrumentation, & Controls	\$1,300,000
Watermain	\$4,515,000
Subtotal	\$18,025,000
Contingency (15%)	\$2,730,750
Construction Subtotal	\$20,728,750
Legal, Engineering, and Administration (20%)	\$4,145,750
Total	\$24,874,500

- All in: \$24,874,500

* Watermain costs require a caveat/explanation



Proposed Implementation Schedule

Table 8.3 – Project Implementation Schedule	
Item	Date
Review with City / Finalize Report	June 2021
Submit to MDH	July 2021
Deadline to Submit IUP Letter to PFA	Completed
PFA Funding List Released	August- September 2021
Design of Improvements	October 2021- March 2022
Submit Plans and Specifications to MDH	March 2022
Advertise for Bids	June 2022
Award of Bid	July 2022
Complete Construction and Closeout	July 2024



PFA Submittal

- Scored a 10 on the PFA priority list
- Ranked 343
- Places Mound in “fundable” range
 - PFA earmarked 6.7 Mil for 2022, with an indication that they would like to spread out the total project costs over 2-3 years
 - IUP Funding IS a low interest loan, which carries its own requirements/caveats





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