

Lewis & Clark Regional Water System

*SD Board of Water
& Natural Resources*

April 12-13, 2022



Base System

- 🔥 Lewis & Clark's "base system" is 44.19 MGD
- 🔥 Funding is 80% federal, 10% from the states and 10% local
- 🔥 SD's cost share for the base system was \$31.875M
- 🔥 SD also provided \$8.7M in "federal funding advances"
- 🔥 First advance of \$1M from general funds and the second of \$7.7M through the Omnibus Water Bill
- 🔥 **Base system completion estimated in 2025**

Expansion

- 🔥 System designed to expand to 60 MGD
- 🔥 All 20 members have committed to participating in the 15.81 MGD expansion
- 🔥 Members responsible for 100% of the expansion cost
- 🔥 Estimated to cost roughly \$100M in today's dollars
- 🔥 Accelerated by drought, expansion construction will start this year and should be completed in 8-10 years

Expansion

- 🔥 ARPA funding will help offset some of the expansion cost
- 🔥 IA already approved **\$12M** in ARPA funding for the expansion and MN expected to approve **\$350,000** (entirety of expansion infrastructure in both states)
- 🔥 Members will finance the expansion through water rates, so ARPA funding from the states directly benefits the homes and businesses that purchase water from our members
- 🔥 The lower the expansion cost, the less impact to water rates

Funding Request

- 🔥 Based on the proposal from SD DANR staff, if approved L&C would use **\$15M over two years toward the expansion**
- 🔥 Estimated \$1.5M would be used this year to construct a 6th lime drying bed (bid alternate)
- 🔥 Remaining funds would cover a portion of the estimated \$18.3M to add two 1,250 h.p. pumps to the high service pump station and construct a second 3 million gallon clearwell



1

Lime Sludge Drying Bed

2

Lime Sludge Drying Bed

3

Lime Sludge Drying Bed

4

Lime Sludge Drying Bed

5

Lime Sludge Drying Bed

6

Lime Sludge Drying Bed

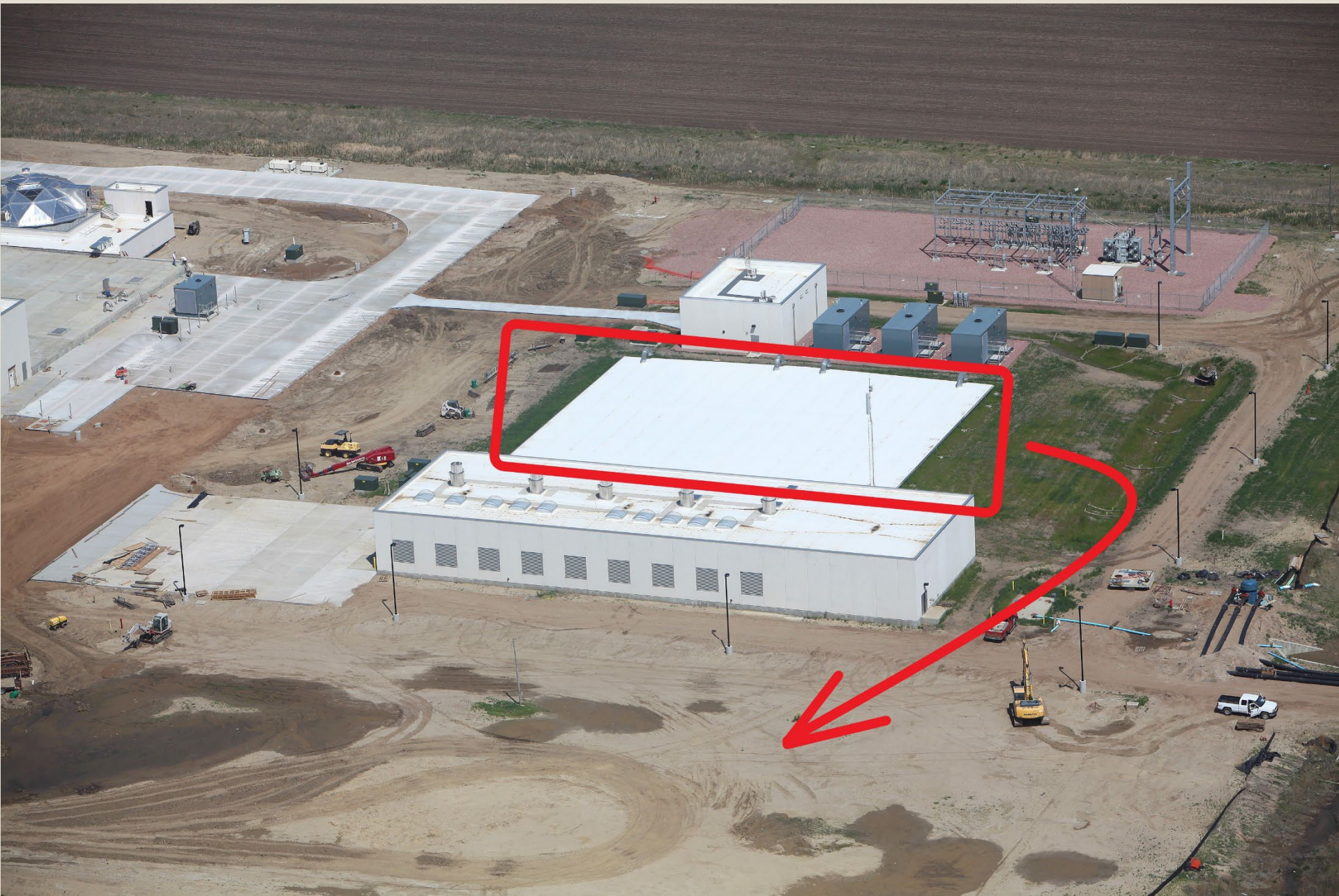
Stockpile Area

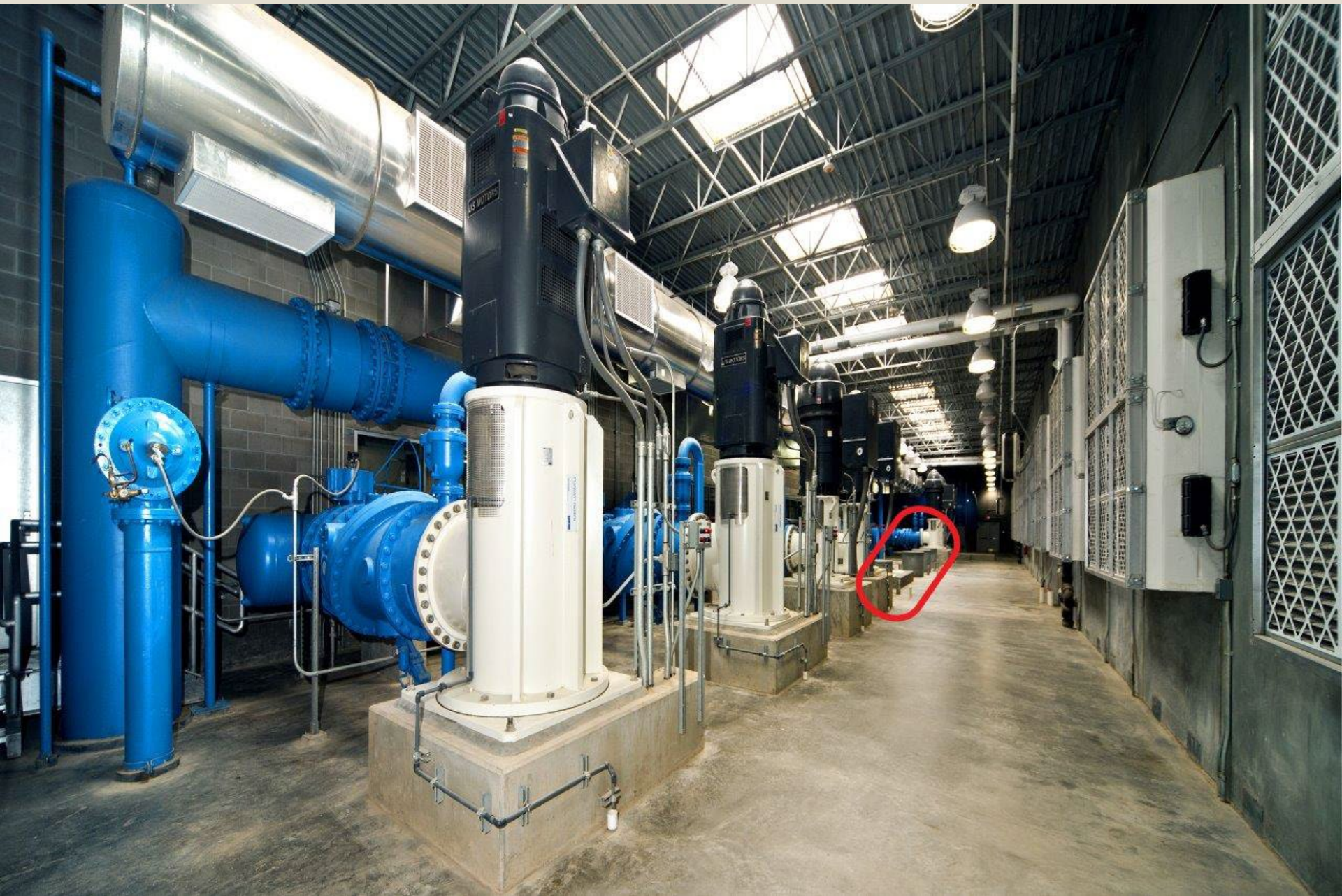


Lewis & Clark Water Treatment Plant

Lewis & Clark
REGIONAL WATER SYSTEM

BANNER
engineering a better community





Questions?