



REPORT TO: STILLWATER UTILITIES AUTHORITY

MEETING DATE: MARCH 7, 2022

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| Agenda Item: | 6d. SUA-22-11 |
| Prior Council Action/Related Items: | SUA 21-20 ; Study Session 092721 ; Study Session 102521 |
| Issue: | <ul style="list-style-type: none"> • The City of Stillwater has a single water supply and a single raw waterline that extends 36 miles from Kaw Lake to the Water Treatment Plant (WTP). • The WTP has 4 million gallons of raw water storage capacity. • Raw waterline leaks are becoming more frequent and must be repaired while the raw waterline is in service. • OSU is able to provide some water to the City during an emergency but this alternative is not viable for an extended period of time and will not meet the current or future demand by customers. |
| Solution: | <ul style="list-style-type: none"> • During summer 2021, staff began working with Carollo (Engineer) and Burns & McDonnell (Construction Manager at Risk) to identify and evaluate additional raw water storage alternatives. • The team has evaluated and provided cost estimates for the following alternatives: <ul style="list-style-type: none"> • Boomer Lake • Lake McMurtry • New In-Ground Storage |
| Financial Impact/Funding Source(s): | <ul style="list-style-type: none"> • There is no budget impact with this action. Staff will return to SUA at a later date to request funding for design and construction of additional raw water storage. |
| Strategic Plan Alignment: | #4 Connected Spaces: To develop a strong sense of place that recognizes the interconnectedness of people, buildings and public systems that best serve the needs of the public. |
| Recommended Action/Motion: | The following alternatives are available to the SUA Trustees: |

- Direct staff to begin negotiations with the Engineer/CMAR team for additional raw water storage at Lake McMurry or within a new In-Ground facility; or
- Direct staff to gather additional information supporting these and/or additional raw water storage alternatives

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