

**THE BISHOP AREA WASTEWATER
AUTHORITY BOARD OF DIRECTORS
SPECIAL MEETING**

**City Council Chambers – 301 West Line Street
Bishop, California 93514**

NOTICE TO PUBLIC: In order to minimize the spread of the COVID 19 virus Governor Newsom has issued Executive Orders that temporarily suspend certain requirements of the Brown Act. Please be advised that the Council Chambers remain closed to the public and that some, or all, of the Bishop Area Wastewater Authority Board of Directors may attend this meeting telephonically or via video conference.

You are strongly encouraged to observe the Bishop Area Wastewater Authority meetings live via the City of Bishop website at: <https://www.cityofbishop.com/government/city-council/> and to submit public comments in writing by 3:00 pm on October 28, 2020 or you may join the video conference via Zoom at:

https://us02web.zoom.us/webinar/register/WN_9DIg5LdBROyV-tq7qmVrYQ

Individuals will be asked to register (by providing their name and email address) in order to access the video conference.

To submit a comment, you are encouraged to participate:

1. In writing. Please email ddishion@cityofbishop.com and write “Public Comment” in the subject line. In the body of the email, include the item number and/or title of the item as well as your comments. If you would like the comment to be read out loud at the meeting (not to exceed three minutes), please write “Read Out Loud at Meeting” at the top of the email. All comments received by 3:00 pm on October 28, 2020 will be emailed to the Board of Directors and included as an attachment under the Agenda’s Item Number as “Public Comment” prior to the meeting. Those comments received after 3:00 pm on October 28, 2020 will be added to the record and shared with the Board of Directors after the meeting. City staff will continuously monitor for public comments received during the meeting as well. You may also hand deliver public comments to the City drop/payment box located at the Church Street entrance to City Hall on or before the deadline noted above.

2. Via Zoom-Webinar. If you choose to join the Bishop Area Wastewater Authority meeting via Zoom-Webinar you will be able to utilize the “hand-waiving” feature to make a public comment and (when appropriate) the Board Chair will call on those who wish to speak (not to exceed three minutes).

In compliance with the Americans with Disabilities Act of 1990, if you need special assistance to participate in this meeting, please contact the City Clerk at 760-873-5863 Extension 24. Notification at least 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting. [28 CFR 35.102.35.104 ADA Title II].

The Bishop Area Wastewater Authority thanks you in advance for taking all precautions to prevent spreading the COVID 19 virus.

**THURSDAY, October 29, 2020
8:00 A.M.**

- 1. CALL TO ORDER**
- 2. PLEDGE OF ALLEGIANCE**
- 3. ROLL CALL**
- 4. PUBLIC COMMENT: NOTICE TO THE PUBLIC:** See modified public comment procedure above. Under California law the Board of Directors is prohibited from generally discussing or taking action on items not included in the agenda; however, the Board of Directors may briefly respond to comments or questions received from members of the public. Therefore, the Board of Directors will be provided with all public comments but will not generally discuss the matter or take action on it.
- 5. NEW BUSINESS**
 - A. Bishop Area Wastewater Authority – Title 22 Engineering Report for Secondary Undisinfected Recycled Water Disposal via Irrigation (Exhibit A)**
Board Consideration to approve consultant contract with Lumos & Associates, Inc. (Lumos)
- 6. STAFF AND BOARD REPORTS**
- 7. ADJOURNMENT:** The next regularly scheduled meeting of the Bishop Area Wastewater Authority will be January 19, 2021, at 8:00 a.m. in the Bishop City Council Chambers, 301 West Line Street, Bishop.



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October 26, 2020

PN LA20.864

Bishop Area Wastewater Authority
c/o Deston Dishion, Public Works Director, City of Bishop
300 Broadway, Suite 39
Bishop, CA
(760) 873-8458

Via Email: ddishion@cityofbishop.com

Subject: Bishop Area Wastewater Authority – Title 22 Engineering Report for Secondary Undisinfected Recycled Water Disposal via Irrigation (Exhibit A)

Dear Mr. Dishion:

Lumos & Associates, Inc. (Lumos) is grateful for the opportunity to present this proposal to assist the Bishop Area Wastewater Authority (BAWA) with professional engineering services to assist the BAWA with preparation of a Title 22 Engineering Report.

Project Understanding

We understand both the City of Bishop (City) and the Eastern Sierra Community Service District (ESCSA) have created a Joint Powers Authority (JPA), known as BAWA, for the collection, management, and disposal of secondary undisinfected recycled water (effluent) emanating from both of the treatment plants owned and operated by the City and ESCSD. These treatment plants are adjacent to one another and located in Bishop, California. Under the JPA, BAWA has developed preliminary plans for expansion of the irrigation system, including upgrades to the manner of irrigation from existing flood irrigation to pressurized sprinkler irrigation, as well as an expansion in the place of use for irrigation, consisting of up to 400 acres of land being acquired from Los Angeles Department of Water and Power (LADWP).

We also understand that as part of the expansion of the irrigation system, the Lahontan Regional Water Quality Control Board (LRWQCB) has required that BAWA obtain an updated permit for the disposal of its recycled water. As part of the permitting effort, a Title 22 Engineering Report will be required by the State of California Division of Drinking Water (DDW), which is the permitting entity for recycled water projects in the state. As a result, BAWA has requested Lumos to provide professional engineering services to assist with preparation of the required Title 22 Engineering Report to support the project.

Project Scope

Task 1: Title 22 Engineering Report for Irrigation with Recycled Water

Under this task we will prepare a Title 22 Report for the project. The report will be prepared specific to the intended manner and place of use, which is land application of recycled water via irrigation for the purpose of providing pasture for animals (non-dairy production). The Title 22 Report will be prepared according to the 2001 Guidelines for Preparation of an Engineering Report for the

Production, Distribution and Use of Recycled Water. The report will address the following general components as outlined in the 2001 Guidelines:

1. Recycled Water Project
2. Transmission and Distribution Systems
3. Use Areas, Specific to Irrigation

The report will take into consideration the relevant regulations and requirements for a secondary treated, undisinfected recycled water irrigation project as included in Division 7 of the California Statutes related to Recycled Water, as well as Division 1 of Title 17, and Division 4 of Title 22 of the California Code of Regulations related to Recycled Water.

This task will also include preliminary data collection and coordination with BAWA to obtain copies of any relevant reports, studies, and topographical data (LiDAR) necessary to provide existing and future system documentation. We will also make a site visit to observe and document the existing conditions for both the current as well as the expanded place of use (LADWP acquired land). We will also attend a virtual review meeting with BAWA and DDW personnel after the draft report has been prepared and submitted for review. We anticipate being able to submit the draft Title 22 Engineering Report to DDW within 12 weeks of Notice to Proceed.

Task 2 – Meetings

Lumos will attend meetings (Board Meetings for BAWA, City, or ESCSD Board, LRWQCB, DDW, LADWP, etc.) as necessary per your request. Meeting attendance will be on a Time and Materials basis and may include virtual or in-person meetings as requested. This task is for attendance and participated in scheduled board meetings and does not include normal review and coordination meetings with BAWA during preparation of the Title 22 Report, which are included in Task 2.

Task 3 – Direct Expenses/Reimbursables

Any fees or other associated project costs incurred by Lumos for submittal plan, and document reproduction, to obtain copies of previous plans or reports, additional mapping, permit fees paid by Lumos, or other unforeseen reimbursable expenses will be billed under this task at cost plus 15%. Additional production of plans and specifications as requested by the client will also be billed under this task on a time and materials basis in accordance with our current fee schedule.

Assumptions / Exceptions

Lumos has made the following assumptions in preparation of this proposal:

- For preparation of components required in the Title 22 Report we anticipate relying on several previously prepared documents and other available data including, but not limited to, the following:
 - Land Area Calculations for Irrigation Alternatives, prepared by RCI, 2019.
 - Preliminary irrigation system designs prepared by NRCS.
 - Treatment Plant Master Plans, Feasibility Studies, and other reports as prepared by R.O. Anderson Engineering, H&S Environmental, and others, for both City and ESCSD treatment plants.

- Current Influent (Raw Wastewater) and Effluent (Secondary Undisinfected Recycled Water) Water Quality Results for both City and ESCSD systems.
- LiDAR for the Disposal Area
- No design work is included in this proposal.
- No other permitting assistance is included in this proposal.

Fees

The tasks described in the Scope of Work will be completed for the following fees:

Task	Description	Fee
Task 1	Title 22 Engineering Report	\$20,560
Task 2	Meetings	T&M
Task 3	Direct Expenses/Reimbursables	T&M

Tasks 1 is lump sum, Tasks 2 and 3 are time and materials (T&M). Lumos will be happy to amend this proposal as necessary to include services not included or to amend the proposed services to better match the scope of services required.

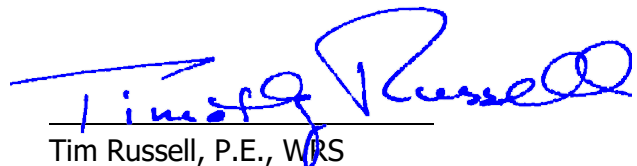
If this proposal is acceptable, please sign the provided contract. Lumos will send monthly progress billings on this project. The amount of these billings will be based upon the percentage of work completed. The terms are 'Due Upon Receipt' and accounts are past due after 30 days. Accounts over 30 days old will be subject to interest at the rate of 1 ½% per month and such collection action as may be necessary to collect the account. In addition, a "Stop Work Order" may be issued on past due accounts. In this case, no further work will be performed until the account is brought current.

Thank you again for allowing Lumos to provide you with this proposal. Please do not hesitate to call me if you have questions or concerns as we would happy to discuss them with you.

Sincerely,



Jonathan Lesperance, P.E.
Project Manager



Tim Russell, P.E., WRS
Group Manager – Engineering Division