

CRESTLINE SANITATION DISTRICT

MEMORANDUM

DATE: March 14, 2024

TO: BOARD OF DIRECTORS
Crestline Sanitation District

FROM: DAWN GRANTHAM
General Manager

SUBJECT: Proposal from Webb Associates for the Hillside Stabilization at Seeley Creek WWTP

A. RECOMMENDATION

I recommend the approval of the proposal from Webb Associates to perform engineering services for the partial failed slope at Seeley Creek WWTP behind the clarifier. Brad Sackett from Webb has let us know that there may be grants for the construction and will be working with their Grant Specialist.

B. REASON FOR RECOMMENDATION

The area of the slope that has failed may cause the clarifier to become unstable and slide. Currently the sweep arm is sticking at certain points, which we believe to be caused by the unsteadiness of the slope. If the slope failure is not addressed immediately, it may not last the next severe rain or snow event, which would cause a complete slope failure.

C. OTHER INFORMATION

In 2005 a Geotechnical Evaluation was completed, but the actual repairs were never completed. For 20 years the slope has been deteriorating little by little and is now an emergency.

D. FISCAL INFORMATION

The proposed cost is \$70,874. Webb has recommended to allocate 10% to 15% for unseen circumstances.

E. ATTACHMENTS

Pictures from the failure point at Seeley Creek WWTP
Proposal from Webb Associates







March 13, 2024

Dawn Grantham
General Manager
CRESTLINE SANITATION DISTRICT
24516 Lake Drive
Crestline, CA 92325

RE: Proposal for Engineering Services for the Hillside Stabilization for the Seeley Clarifier

Dear Ms. Grantham:

Albert A. WEBB Associates (WEBB) is pleased to provide you with this proposal for Engineering Services related to the Hillside Stabilization Project for the Seeley Clarifier. The existing hillside below the primary clarifier at the Seeley Treatment plant is failing and putting the primary clarifier at risk. The slope needs to be stabilized to protect the clarifier until funding is available to design and construct a replacement facility. The proposed work includes a site survey, a geotechnical investigation, an evaluation process to select the appropriate stabilization method and then the preparation of design plans and specifications implement the selected method. The documents will be suitable for public bidding purposes. The WEBB team will support the bidding process. Construction management and engineering support services during the construction phase are excluded at this time.

The anticipated scope of work is as follows:

- Prepare a topographic survey for the project area, approximate 1/3 acre (by Ozone).
- Prepare a boundary survey and base map from record (easement to be provided).
- Perform a geotechnical investigation for the current soil condition at the site (by Converse Consulting).
- Perform a site visit with the entire design team.
- Plot existing facilities from record maps and as-builts (no potholing).
- Evaluate methods for stabilizing the hillside and reducing the risks of further erosion and / or settlement of the existing primary clarifier.
- Evaluate environmental impacts of the proposed methods.
- Prepare an Engineer's estimate of probable construction cost for various repair methods.
- Hold coordination meeting with CSD staff on project status and design reviews.
- Prepare a technical memorandum with options and recommendations.
- Project Management and meetings.

The total amount requested for these services is **\$70,874**, not to be exceeded without prior authorization. Because the root cause of the slope failure and the recommended repairs are unknown at this time, the District may want to allocate 10% – 15% additional budget for any unforeseen circumstances or services which may be needed during the implementation of the project.

Preparation of final plans, specifications, CEQA studies, CEQA documents, bid support and permitting is excluded at this time as the proposed repairs and associated footprint are not known at this time.



Construction management, inspection and engineering support services during the construction phase are also excluded. Other services not specifically listed above are also excluded. If additional services are deemed necessary during the course of this project phase, WEBB will submit a request for additional authorization at that time.

If you find this proposal acceptable, please notify our office so a contract agreement can be prepared. We appreciate this opportunity to be of service to your firm and look forward to hearing from you. If you have any questions regarding this proposal, please contact us at 951-686-1070.

Sincerely,

ALBERT A. WEBB ASSOCIATES



Bradley A. Sackett, P.E.
Senior Engineer



Bruce Davis, P.E.
Senior Vice President

Attachment: Fee Estimate

