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812 W. Wabash Avenue, Eureka, CA 95501-2138

Reference: 025086

April 27, 2026

Laura Kadlecik
Senior Project Manager
City of Arcata
736 F Street
Arcata, CA 95521

By email: lkadlecik@cityofarcata.org

Subject: Addendum No. 3 Request, Arcata Wastewater Treatment Facility Improvement Project, Environmental Support Services, Arcata, CA

Dear Laura Kadlecik:

SHN has prepared this scope of work and estimate of costs for environmental services to support the Arcata wastewater treatment facility (AWTF) improvement project. The work proposed will be performed as Addendum No. 3 under Agreement No. 46229 between the City of Arcata (City) and SHN to address additional scope items for water treatment and groundwater source assessment at the electrical building construction site. The scope of work proposed is based on the information provided through project discussions and correspondence received.

Scope of Work

The scope of work will consist of treatment of extracted groundwater containing high pH and to support an assessment of existing site conditions. Stored groundwater in aboveground poly tanks will be monitored for pH levels and neutralized by dosing with Muriatic acid and manually stirring. The process will be repeated until pH levels are acceptable (6.0 – 9.0). Work under this task is directed by the City as needed, based on the water volume generated from dewatering activities. For the source assessment of the high pH in groundwater, SHN will review available information related to site conditions to support the City's decision-making processes. This will include a review of industry-related data, research of site and source conditions, meetings, correspondence, and involvement with agencies and the project contractor. SHN goal is to support an assessment of conditions and evaluate options available for long term strategy implementation.



Laura Kadlecik, Senior Project Manager

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Cost Estimate

SHN proposes providing these services on a time and expenses basis for an estimated fee of \$20,870.

Task 1. Water Treatment..... \$14,240

Task 2. Source Assessment.....\$6,630

Total Estimated Cost \$20,870

SHN appreciates the opportunity to support the City of Arcata for your environmental services. If you have any questions, please call me at 707-441-8855.

Sincerely,

SHN



Erik J. Nielsen, PG, CHG, QSD
Senior Environmental Hydrogeologist

EJN:ame

