

**REQUEST FOR PROPOSALS
SMCSD WWTF BIOSOLIDS REMOVAL SERVICES**



REQUEST FOR PROPOSALS

**SAN MIGUEL COMMUNITY SERVICES DISTRICT
WASTEWATER TREATMENT FACILITY (WWTF) POND BIOSOLIDS
REMOVAL**

Issue Date:
December 18th, 2025

Proposal Due Date and Time:
Friday, January 9, 2026 4:00 pm (Pacific time)

Contact:
Kelly Dodds, General Manager Kelly.dodds@sanmiguelcsd.org
phone: 805-467-3388 / fax: 805-467-9212

Deliver: via email to Kelly.dodds@sanmiguelcsd.org

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**REQUEST FOR PROPOSALS
SAN MIGUEL COMMUNITY SERVICES DISTRICT
WWTF POND BIOSOLIDS REMOVAL**

The San Miguel Community Services District (District) is requesting proposals from selected contractors for biosolids removal and dewatering from municipal wastewater treatment ponds in the community of San Miguel, San Luis Obispo County, California.

Proposal Due Date: January 9, 2026, 4 p.m. local time.

Proposal Delivery: Deliver via email to kelly.dodds@sanmiguelcsd.org

Contact: Kelly Dodds, General Manager, San Miguel Community Services District, kelly.dodds@sanmiguelcsd.org, (805) 467-3388 for questions or additional information.

Contract award preliminarily planned for January 22, 2026

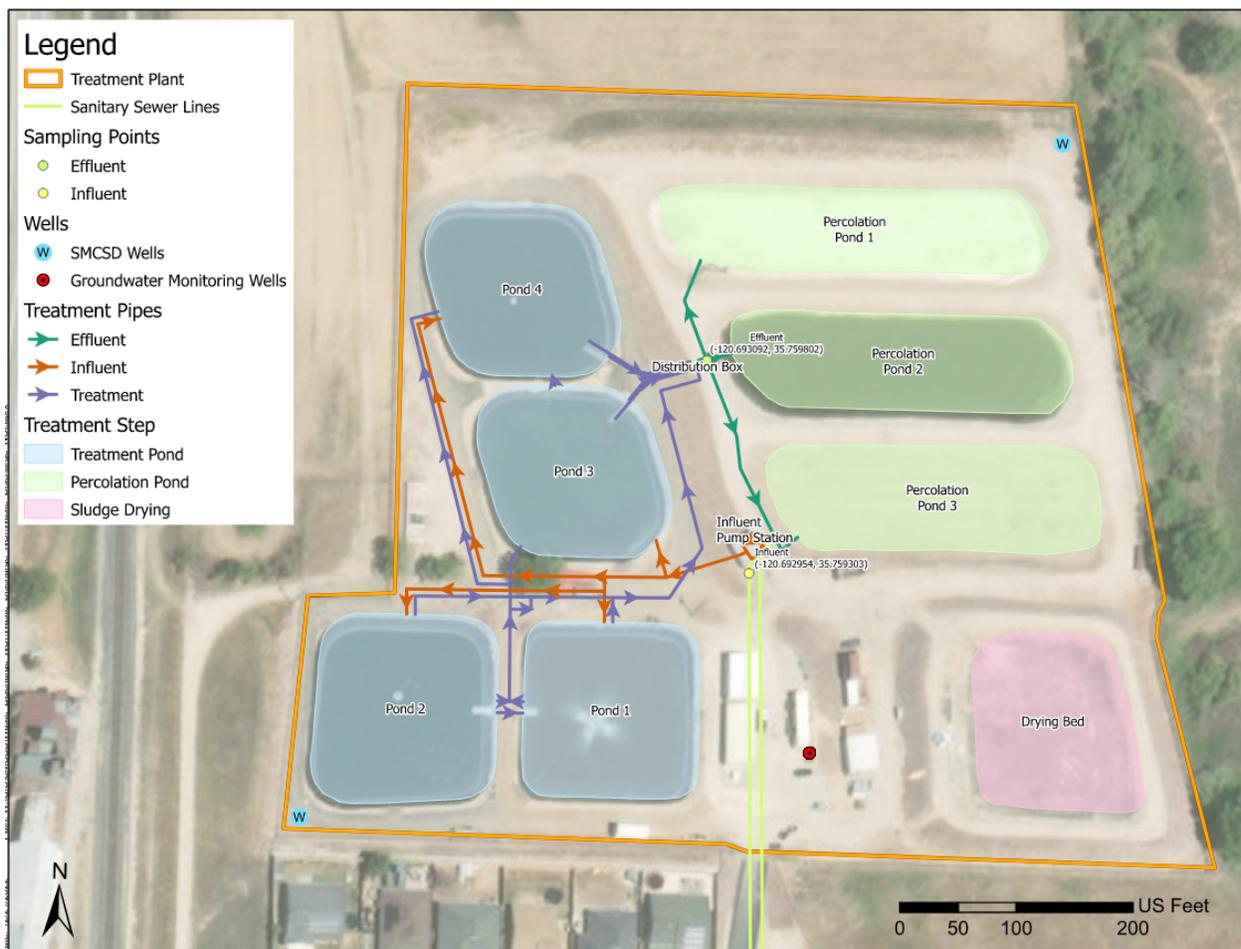
BACKGROUND

San Miguel is an unincorporated community in San Luis Obispo County, with approximately 2,820 residents, located approximately 7 miles north of the City of Paso Robles. The San Miguel Community Services District (District) provides wastewater collection and treatment for the community. A schematic of the wastewater treatment facility (WWTF) is shown below, and consists of the following:

- **Influent Pump Station:** Raw wastewater is pumped from the influent wet well/lift station to the first aerated treatment pond. There is no headworks.
- **Aerated Treatment Ponds, Stage 1:** Pond 1 and Pond 2 are 0.94 million gallon (MG) aerated aerobic ponds, equipped with 25 and 20 horsepower (HP) aerators, respectively. These are considered completely mixed aerated lagoons. Thus, the floating aerators keep most solids in suspension while maintaining dissolved oxygen levels. Solids do not appreciably deposit in Ponds 1 and 2, but instead settle out predominantly in Pond 3 and 4. Floatable plastics and debris must be raked out of these ponds by hand.
- **Aerated Treatment Pond, Stage 2:** Pond 3 is a single 0.87 MG pond, with a 7.5 HP aerator. This pond and floating aerators maintain dissolved oxygen levels in the pond, while allowing solids to settle to the bottom of the pond. Solids settle to the bottom of the pond, and organic matter in the sludge slowly decomposes anaerobically. This pond is generally referred to as a facultative pond, with an upper aerobic zone and lower anaerobic zone.

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- Aerated Treatment Pond, Stage 3:** Pond 4 is a single 0.87 MG pond equipped with a 7.5 HP aerator. This is the final (fourth) pond that also maintains dissolved oxygen levels in the upper zone. This pond is considered a final polishing pond prior to discharge to the percolation ponds/beds. Typically less sludge settles in this pond compared to Pond 3, however recently Pond 4 has also been accumulating more solids.
- Percolation Ponds:** There are three (3) percolation ponds totaling 1.7 acres in area.
- Biosolids Disposal:** When deemed appropriate by the WWTF operations staff, the biosolids are pumped from Pond 3 and 4 to the existing sludge drying basin. After drying and stabilization, the biosolids are transported to a local landfill for disposal. The treatment ponds have not had complete sludge removal within the last 15 years.



The sludge accumulation in Pond 3 and 4 is currently reducing the treatment capacity at the WWTF. As such, the District is seeking a Contractor to remove and dewater biosolids

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in Pond 3 and 4. Optionally, the District may include biosolids removal and dewatering in Pond 1 and 2 as part of the work.

The WWTF has the flexibility to isolate each pond in the treatment process. Three ponds must remain operable to maintain the treatment process and meet the permitted effluent limits. The Contractor shall coordinate with the District, whose operations staff will isolate a treatment pond as needed prior to biosolids removal.

The existing sludge drying bed can be used for staging and dewatering operations. The Contractor will need to coordinate with the District if additional area is needed for staging. All water from the dewatering process will need to be controlled and sent to Pond 1 at the front of treatment process. The Contractor cannot use potable water for the dewatering process but can use partially treated water from the treatment ponds. The Contractor can use potable water for washdown purposes with coordination from the District. Contractor shall minimize potable water use to complete the work. The Contractor will need to provide their own power for the work.

All work at the site must be performed during normal working hours of 7:00am to 4:30pm, Monday through Friday. Contractor will not perform work on a Saturday, Sunday, or any San Miguel Community Services District holiday without permission from the District. When the Contractor is permitted to work outside of normal working hours, noise shall not exceed an hourly equivalent sound level of 50 decibels with an instantaneous maximum not exceeding 70 decibels in accordance with County of San Luis Obispo Noise Ordinance.

Additionally, the District is planning a major upgrade to the WWTF beginning in 2026, which will include the demolition of Ponds 1 and 3 and improvements to Ponds 2 and 4. To support continued operations during construction, the majority of sludge will need to be removed from Pond 3 and 4 under this work.

PROPOSAL REQUIREMENTS

Agreement. Contractors shall review the District's Standard Agreement, liability, and insurance requirements, included as **Attachment B** to this RFP.

Agreement Execution. The awarded Contractor shall execute the agreement in Attachment B with the District within 10 working days after notice of award has been granted by the District. Failure to accept and execute said Agreement will cancel the notice of award, and the District will continue negotiations with the next highest ranked Contractor.

Proof of Insurance. The District will require the selected Contractor to maintain general liability, automobile, workers' compensations and other insurance listed in the agreement supplemental conditions. Contractor shall provide proof of insurance in the form, coverages, and amounts specified in the Agreement within 10 working days following

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notice of contract award. Such insurance proof shall be a pre-condition of contract execution.

Contractors License. Provide Contractor's license and evidence to do work in the State of California in your proposal.

OVERVIEW OF SCOPE OF SERVICES

Contractors shall provide a proposal to meet the scope of services listed below to remove and dewater biosolids from treatment ponds at the San Miguel Wastewater Treatment Facility, owned by San Miguel Community Services District (Owner) in San Miguel, California.

1. **Mobilization:** Mobilization should include delivery and installation of all equipment necessary to perform the work, including solids removal and dewatering. This task shall include all costs associated with project management such as project oversight and coordination, QA/QC, developing the proposed work plan and construction schedule, and data collection such as sludge sampling as needed for successful completion of the work. Assume one pre-construction meeting with the Owner to review the work plan and schedule prior to commencing work.

The work plan should include:

- a. A description of the proposed method(s) of biosolids removal and dewatering.
 - i. The description shall contain method(s) for protecting the structural integrity and functionality of the pond liner.
 - ii. The description shall also list if aerators can remain in the pond or need to be removed entirely.
- b. A description of the proposed method(s) of liquids control and conveyance to the WWTF's Pond 1.
- c. A complete listing of the number and type of vehicles and equipment that will be used by the Contractor in the execution of this Contract.
- d. Product data and equipment information for dewatering and dredging equipment to be used.
- e. A complete listing of staff personnel that will be associated with the on-site work including their qualifications and experience.
- f. Contingency plan for controlling odors.
- g. Prior to Contractor mobilization to site under the Contract, the Contractor shall present to the Owner a copy of all licenses to execute work.
- h. Prior to the commencement of any activity associated with this Contract, the Contractor shall present to the Owner a written plan describing emergency spill control and clean up procedures.

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2. **Remove Biosolids from Pond 3 & 4 and Dewater.** The Owner will facilitate and conduct bypass operations during Project duration through coordination with the Contractor. The Contractor shall provide necessary pumps, hoses, piping, trucks, temporary power supplies and any other equipment required to remove and dewater biosolids from the ponds. While dredging, the Contractor shall take the necessary precautions to preserve the state of the pond liner as it existed pre-project.
 - a. **Biosolids Removal:** The Contractor is responsible for the following sequence of work:
 - i. Conduct survey of top of sludge elevations in the pond. Take measurements on a 10-ft by 10-ft grid. Contractor is to set up their own local control for this survey work.
 - ii. If needed, dewater the pond to the level required to initiate biosolids removal. Dewater pond into Pond 1 with available freeboard.
 1. Dewatering into Pond 1 shall cease if the freeboard is less than 1 ft.
 - iii. At a minimum, dredge pond to remove material from the bottom of both ponds to the limits indicated on the attached Drawings, with a maximum of 6-inch of sludge depth remaining.
 1. Dilution of biosolids to aid in removal is not permitted without prior approval of the Owner.
 2. If dilution is desired, the only dilution water that will be accepted by the Owner is to use existing pond water. No new water can be brought onto the WWTF site for dilution.
 3. Existing pond water is partially treated domestic sewage.
 - b. **Dewatering:** Dewatering method is at the discretion of the Contractor. However, the chosen method must be capable of achieving 15% solids or greater as measured at project completion. Chemical treatment used for dewatering must be nonhazardous and comply with Chapter 11 of CCR Title 22. Please list your proposed dewatering methodology in your proposal.
 - i. See attached Drawings for locations can be used for staging and dewatering activities. Contractor shall coordinate with the Owner for use of additional areas for staging.
 - ii. The proposed dewatering process must be one which is able to be completed within the timeframe and available areas specified.
 1. Due to area, environmental, and time constraints, drying beds will not be considered as an acceptable dewatering process.
 2. Filtrate or other return flows produced from the dewatering process must be returned to the influent Wastewater Treatment Facility Pond 1. Temporary pumping, piping and

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appropriate transport vehicles, equipped to handle non-hazardous sludge or biosolids.

- a. Contractor shall ensure containment measures are in place and followed to prevent leakage, spillage, or airborne dispersion during transit.
- b. Contractor shall be responsible for all necessary permits to transport or dispose of dried biosolids from the WWTF.
- c. Contractor shall coordinate with licensed disposal facilities to confirm acceptance criteria, tipping schedules, and compliance with applicable regulations.
- d. Contractor is responsible for all testing required by the disposal site. Electronic copies of all testing results will be provided to the Owner within five days of receipt by the Contractor.
- e. Contractor shall retain and provide documentation of disposal site approvals and manifests for each load hauled.

CONTRACT TIME

The Work will be substantially complete within 100 days after the Notice to Proceed and completed and ready for final payment within 130 days after the Notice to Proceed.

SUMMARY OF DELIVERABLES:

1. Written Work Plan
2. Construction Schedule
3. Safety Plan
4. Weekly Progress Reports
5. Percent solids testing data

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COST ESTIMATE:

Provide a cost estimate for pricing based on the scope of work and using the following format:

Task	Units	Unit of Measure	Unit Price (enter amount)	Total (enter amount)
Mobilization	1	Lump Sum		
Remove Biosolids from Pond 3 & 4 and Dewater	125	Dry Ton		
Demobilization	1	Lump Sum		
Total:				
Optional Task #1: Remove Biosolids from Pond 1 & 2 and Dewater	5	Dry Ton		
Optional Task #2a: Hauling of Dewatered Biosolids (Pond 3 & 4)	125	Dry Ton		
Optional Task #2b: Hauling of Dewatered Biosolids (Pond 1 & 2)	5	Dry Ton		
Total with Optional Tasks:				

Estimated dry tons based on 733,000 gallons of wet sludge at 4% solids accumulation in Pond 3 and 4 and 38,000 gallons of wet sludge at 2.9% solids accumulation in Pond 1 and 2. Wet sludge volumes are estimated from 2024 sludge depth measurements and assume a consistent depth and slope across the pond bottom. Payment will be based on measured actual tonnage removed and laboratory testing of percent solids.

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**ATTACHMENT A – SMCSD WWTF SUPPORTING DRAWINGS AND SLUDGE
DEPTH ESTIMATES**

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**ATTACHMENT B – SMCSD STANDARD AGREEMENT
EJCDC® C-520, AGREEMENT BETWEEN OWNER AND CONTRACTOR
FOR CONSTRUCTION CONTRACT (STIPULATED PRICE)**