

**Letters & Communications 03/22/25**

15	02/24/25	Email from Tim Beers to FEMA and Cal OES with Bids received for sediment removal
16	02/24/25	Email from Roger Williams Secretary of State Controller's Office has received the District's audit and Annual Financial Transactions Report
17	02/24/25	Another email from Shane McCabe to Danielle Ford at Pace re Notice of Violation Needs to be in CCR and it needs to go out by March 6, 2025
18	02/25/25	Email to Teri DuBose at FEMA, Cal OES re Continuous Delays by FEMA on Their Response to Job #4683DR-CA (2022-2023 Winter Storms) Project 711955 Lake Sediment and Tree Removal at Lake Madrone
19	02/25/25	Email from Tim Beers to Kenneth Kodysz at USA DEBUSK re: Bid awarded to ODIN

**Vicki Hoggins**

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**From:** Timothy Beers <tjb.forest18@gmail.com>  
**Sent:** Monday, February 24, 2025 3:14 PM  
**To:** Holland, Lisa; Granados, Jocelyn; Wagner, Scott@CalOES; Al Obaidi, Zeyad@CalOES  
**Cc:** Holly Mason; Vicki Hoggins  
**Subject:** 2025 LMWD Lake Sediment Removal Project Bid Selection Justification  
**Attachments:** ODIN's 2025 Lake Sediment Removal Bid.pdf; USA DeBusk 2025 Lake Sediment Removal Bid.pdf

This sender is trusted.

Good afternoon, Lisa, Jocelyn, Scott, and Zeyad

After the 2022/2023 Severe Winter Storms (#4683DR-CA) brought more than 42,000 cubic yards of sediment into Lake Madrone, the Lake Madrone Water District started planning the Lake Madrone Water District 2024 Lake Sediment Removal Project. On October 29, 2023, the Lake Madrone Water District placed an advertisement for the request for proposals of lake sediment removal from Lake Madrone in in the Chico Enterprise Record and Oroville Mercury Register. This advertisement ran for three consecutive weeks. We had 10 contractors attend the November 20<sup>th</sup> site visit, 17 contractors inquired about the project, and we received four sealed bids. These sealed bids were opened publicly on Sunday January 28, 2024.

Unfortunately, due to unforeseen circumstances, the Lake Madrone Water District was not able to obtain both the permits and funding necessary to do our 2024 Lake Sediment Removal Project.

Since the LMWD had been told on multiple occasions by FEMA that we would be able to start the 2025 Lake Sediment Removal Project on April 1, 2025, on December 2, 2024, we requested bids for the 2025 Lake Sediment Removal Project. We only requested new bids from five companies. The four companies that had given us bids for our 2024 Lake Sediment Removal Project and the fifth company who had recently employed the project manager who had successfully run our 2018 Lake Sediment Removal Project. There were three reasons why we felt that we needed to ask for a new bid from each of these companies: (1) It had been nearly 10 months since we had opened the bids for our 2024 Lake Sediment Removal Project, (2) We never signed a formal contract with any contractor, (3) Our new 2024, 1602 Permit, and both the 2024 Biological Resource Assessment, and Delineation Report had new requirements that contractors would need to follow.

We requested bids for the 2025 Lake Sediment Removal Project from Anderson Dragline Inc., ODIN Environmental Solutions, LLC, Hanford ARC, HPC Industrial, and USA Debusk. Anderson Dragline Inc. responded back saying that they would not be able to meet all the new requirements of the 1602 Permit, and both the 2024 Biological Resource Assessment, and Delineation Report.

ODIN submitted a new bid. Hanford ARC never responded back and are rumored to have gone out of business. HPC Industrial responded back and said that they would be submitting a bid; however, they were not able to complete their bid on time. USA Debusk submitted a bid.

On Saturday February 22, 2025, at 9:30 AM sealed bids from ODIN and USA Debusk were opened and discussed among community members and the LMWD Board.

Attached to this email are the two bid proposals received for the Lake Madrone Water District (LMWD) 2025 Lake Sediment Removal Project. There are a lot of similarities between the two bids; however, there were also some key differences that tended to favor ODIN.

The following summary describes the rationale by which the bid proposal from ODIN was selected, followed by the principal reasons why the bid proposal from USA Debusk was rejected.

1. Cost: ODIN (\$3,354,300/42,000 cubic yards = \$79.86 per cubic yard). USA Debusk (\$3,614,243/43,000 cubic yards = \$84.05 per cubic yard).
2. Efficiency: ODIN intends to deploy equipment capable of moving approximately 736 cubic yards of sediment per day. While USA Debusk intends to only move approximately 439 cubic yards of sediment per day. ODIN's workers will work 10 hours a day, six days a week, while USA Debusk's workers will work 12 hours a day, six days a week.
3. Length of time for the project to be completed: ODIN anticipates moving 43,000 cubic yards in 59 days, while USA Debusk anticipates moving 43,000 cubic yards in 98 days.
4. Potential disturbance to District facilities: ODIN will discharge hydraulic sediment as a slurry into ODIN's mechanical dewatering plant that separates sediment above 150 microns and piles it up so that it can be hauled directly down the hill to Bangor Aggregate. The dredge return water will be routed from the dewatering plant back to Galen Creek. The dredge doesn't use any cables, and the footprint of the dewatering plant will be approximately 50' by 50'. On the other hand, Debusk would need to dig out the Pit Area, creating a pit that will be 3 to 4 feet deep and cover approximately 0.8-acres. Their dredge does require cables and will discharge hydraulic sediment as a slurry into the Pit Area for dewatering. The slurry will separate naturally in the upper end of the Pit Area and the water pumped with the sand will be returned to the lake at the other end of the Pit Area. As the sand builds up and dewateres, the sand will be pulled out of the Pit Area with an excavator to be loaded into trucks. Trucks will be loaded daily removing the sand off site.
5. Communication and dependability: ODIN visited the project site twice, took sediment samples, used a drone to help determine how much sediment there might be in the Lake, I had over a dozen emails and phone calls with Tino Maestas, and they turned their bid proposal in on time. No one at USA Debusk ever visited the project site, ever sent me any emails or tried to communicate by phone, and their bid was 6 days late. Yes, Robert Lyons, who just started working for them, was at the work site in the fall of 2023 and is very familiar with LMWD Sediment Removal Procedure.

I hope this helps to explain why we have chosen ODIN over USA Debusk and other potential contractors,

Tim Beers  
President of the Lake Madrone Water District Board  
(916) 704-0839

**Proposal No. 25549**

**Prepared Exclusively For:**

**Lake Madrone Water District**



**Sediment Removal Services**

**Lake Madrone Water District**

**Presented By:**



**USA DEBUSK**

**National Tank, Dredging, & Separations Group**

**Deer Park, TX, USA**

**Confidentiality Statement**

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Sediment Removal Services  
Lake Madrone Water District  
Madrone Lake**

Proposal # 25549  
Date: 02/20/2025

February 20, 2025

Tim Beers  
President  
Lake Madrone Water District Board  
12 Star Road  
Berry Creek, CA 95965  
Phone: (916) 704-0839  
Email: [tjb.forest@gmail.com](mailto:tjb.forest@gmail.com)

**Subject: Lake Madrone Water District RFP for 2025 Lake Sediment Removal Project, Proposal Response.**

**Dear Mr. Beers,**

USA DeBusk is grateful for the opportunity to partner with the Lake Madrone Water District on such an important endeavor and is pleased to provide a comprehensive proposal for consideration.

The services outlined within include removal of sediment from Madrone Lake and supporting activities.

We are confident it will be evident our recent and continued investments in the most innovative technology on the market today, technically capable personnel, coalitions with material providers, safety systems and initiatives offer industry leading capabilities and prove we are the cleaning contractor of choice to partner with. Along with our behind-the-scenes support from a breadth of engineers and our executive management team supporting our efforts poses us and our customer partners for success.

We would appreciate the opportunity to meet with the Lake Madrone Water District leadership team and to discuss our approach, present our company structure, and answer any questions you may have.

Thank you for the opportunity to offer our submittal. We look forward to a long-lasting, mutually beneficial working relationship.

Respectfully,

Kenn Kodysz  
Regional Account Manager  
Tank Cleaning and Material Processing  
**USA DeBusk LLC**  
950 Seaco Ave  
Deer Park, TX 77536  
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Lake Madrone Water District  
Madrone Lake**

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**Lake Madrone Water District**  
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## 1. INTRODUCTION

USA DeBusk (USAD) is pleased to present Lake Madrone Water District with this Proposal for removal and transportation of lake sediment from Madrone Lake, California. USAD will provide professional expertise, modern equipment, current technology, highly trained labor force, and supporting tools necessary for the scope of work outlined in section 4 of this proposal. USAD has many years of experience in performing complex maintenance and tank cleaning projects including dredging, centrifuging, belt pressing, and filter pressing for some of the nation's largest producers in the chemical, refining, power, pulp & paper, and oil & gas industries, and municipal sites.

## 2. PROPOSAL STATEMENT

USAD provides a complete range of services for customers like Lake Madrone Water District. Our goals are threefold; to be safe and environmentally compliant, provide experienced personnel and the most modern equipment with current technology to complete the requested services in a manner that reduces the hazards and overall project cost. As a true environmental/industrial service provider, USAD stands with Lake Madrone Water District in meeting the criteria used to determine the most viable industrial service partners.

Our proposal to Lake Madrone Water District is based on these important criteria:

- Regulatory, Safety and Process Compliance
- Innovative Technology
- Financial Viability
- Technical Expertise

USAD hereby proposes to furnish technical and professional services, supervision, labor, materials, and equipment in accordance with the requirements of your request for pricing to remove and transport lake sediments from Madrone Lake. USAD will provide equipment, temporary piping, hoses, pumps, and procedures for implementation and support of the sediment removal process for Lake Madrone Water District in Berry Creek California.

This proposal is considered a **Shift Rate Proposal with Line-Item charges as included in the pricing tables. USAD Services require packages of personnel and equipment. It is intended that the shift rates provided are to be used to provide these services bundled together.** USAD based our proposal on the timeline estimated per the conditions illustrated by Lake Madrone Water District and is a composite estimate which may vary based on actual conditions encountered. Any other materials, services, equipment, vapor/emissions control, or permitting required for the performance of the work provided by USAD and not covered in this proposal, are considered out of scope and subject to Lake Madrone Water District approval. This will be in accordance with the pricing per this proposal and will be inclusive of the scope of work as defined in section 4. Any change orders will be in writing and all additional or out-of-scope work will be halted until said change orders are fully executed by both Lake Madrone Water District and USAD. USAD understands the scope of work as illustrated by Lake Madrone Water District for this sediment removal event and is fully capable of providing all listed



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services. USAD submits this proposal and constitutes that pricing will remain valid for a period of 60 days from the date of this document. USAD reserves the right to withdraw or alter pricing should final work scope vary from the original specifications. USAD respectfully requests the opportunity to meet with the Lake Madrone Water District team to discuss our abilities and approach.

### **3. PROJECT OVERVIEW**

Madrone Lake is a freshwater lake located in Berry Creek CA and managed by the Lake Madrone Water District. Due to fire and rain events, approximately 43,000 cubic yards of sediment have been built up in several areas of the lake and will require removal from the lake and transportation off site to disposal or a reuse facility. Sediment will be removed using a floating hydraulic dredge and a long reach excavator, dewatered, and transported off site.

Additional requirements of the project include pre-construction surveys, daily biologist monitoring, daily reporting, installation of silt curtains and straw bales/wattles, construction of a dewatering pit and temporary water channel for dredged sediments, and optional placement of rip rap. After completion of sediment removal, the site will be returned to the original condition as found at project commencement.

#### **3.1. PROJECT SPECIFICATIONS**

Service: Sediment Removal and Associated Tasks

Estimated Insitu Sediment Volume: 43,000 cubic yards

Sediment Removal Methods: Floating Dredge and Long Reach Excavator

Sediment Dewatering Methodology: Natural Dewatering in Spoils Pit

Sediment Disposal: Off Site

Post Sediment Removal Tasks: Grading and Hydroseeding of the Pit Area and Meadows, and Placement of Straw Wattles, Silt Fencing, and Erosion Control Blankets at Soil Disturbed Areas

Estimated Start Date: April/May 2025

Environmental Support: Daily Biologist Monitoring, Surveys and Reports

Record Keeping: Daily Logs that Include Activities, Volume Measurements, Status of Best Management Practices (BMP's), Notes, and Photographs

Reporting: Report Submitted to LMWD to Include Summary of All Record Keeping Items and Photographs

Optional Work: Transport and Place Rip Rap in Two LMWD Designated Areas


### **4. SCOPE OF WORK**

USAD is prepared to perform the various service requirements at Lake Madrone Water District (LMWD) Madrone Lake California as defined in the RFP scope documents.

#### **4.1 USAD SCOPE OF WORK**

A designated biologist will perform all pre-project surveys. A designated biologist will be on site during project activities.



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USAD will install and utilize one of our floating hydraulic dredging systems with floating hoses, piping, turbidity curtains, and a booster to remove insitu sediment from LMWD designated areas in Madrone Lake to a dewatering pit and water channel that will be constructed by USAD at the site. Straw bales and straw wattles will be placed inside the temporary water channel to filter water that is returned to the lake. As needed, USAD will move the dredge to different areas as designated in the LMWD RFP and remove sediment. Dewatered sediment will be removed from the pit and loaded into trucks for transportation off site or may remain on site if designated by LMWD.

USAD will utilize a long-reach excavator to remove sediment from LMWD designated areas for dewatering on the bank of the lake. The dewatered sediment will be loaded into trucks and transported off site to a disposal site.

After completion of sediment removal USAD will install optional rip rap along both the Berry Creek (above and below Green Bridge) and Galen Creek inlets if directed by LMWD. USAD will install straw wattles, silt fencing, and erosion blankets where soil has been disturbed by sediment removal activities. USAD will grade and hydroseed the pit area and meadows where equipment has traversed.

USAD will clean the dredge and other equipment, load and transport all equipment off site, and return the pit area and Galen Creek area to their original condition. USAD's Project Manager will submit final documentation and report to LMWD.

**4.2 USAD PROPOSED TECHNOLOGIES**

USAD proposes the following primary technologies & resources to execute the scope of services:

- USAD's experienced dredging and equipment operation personnel
- USAD's floating hydraulic dredge system
- Long reach excavator, dump truck, and other equipment
- Dedicated onsite biologist each workday

**4.3 PRE-MOBILIZATION WORK AND REPORTING**

Prior to mobilization of equipment and personnel to the site, a USAD subcontractor (Galloway Enterprises) will preform a pre-construction survey for regulated species within 48-hours of starting project activities. Galloway Enterprises will perform two perconstruction surveys, conducted at least three weeks apart, and one report for Sanford's Arrowhead during the blooming season (May-Oct).



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Galloway Enterprises will also develop a Northwestern Turtle Avoidance plan no more than ten days prior to commencement of project activities. The plan will include but not limited to:

1. Pre-construction surveys
2. Biological monitoring that will be performed
3. Methods for exclusion
4. Methods of capture and handling, and predetermined placement sites for relocation

Galloway Enterprises will also perform the following:

1. Submission of special-status species observations to the CNDDDB
2. Biological indicent reports as need
3. Provide submittals and reports via email in PDF format

#### **4.4 MOBILIZATION – SITE SETUP**

USAD will arrive on site and set up the required equipment for dredging and construct a dewatering pit and water channel in designated areas as indicated in the LMWD RFP. The dredge will be placed into the lake and connected to cables, floating hoses, booster pump, and HDPE piping that will discharge into the dewatering pit.

USAD will install straw bales and straw wattles along the water channel to filter water from the dewatering pit prior to return to the lake.

#### **4.5 DREDGING**

Dredging will begin in the Galen Creek area first to clear an area for installation of the turbidity curtains. It may be possible to use an excavator to clear out the area for the installation of the turbidity curtains.

The dredge spoils will be transferred via the floating hose and piping to the dewatering pit for gravity separation into solids and water. The water will exit the pit via the water channel and exit back into the lake.



The dredge will then be moved to Kiddie Beach and dredging recommenced. Dredge spoils will be dewatered in the pit. After removing sediment at Kiddie Beach, the dredge will moved to the other two inlets.



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After completion of Kiddie Beach and the two inlet areas the dredge will be moved back to Galen Creek for sediment removal completion via dredging. USAD estimates that approximately 35,000 insitu cubic yards total will be removed from the lake by dredging.

#### **4.6 EXCAVATOR SEDIMENT REMOVAL**

During dredging USAD will use a long-reach excavator to remove sediment, starting at the Berry



Creek area. Sediment will be stored at the bank and allowed to dewater before loading and removing sediment from the site. USAD estimates that approximately 5,000 cubic yards will be removed from the Berry Creek area.

After completion of the Berry Creek area the long-reach excavator will be moved to the Galen Creek area, where approximately 3,000 cubic yards will be removed, dewatered, loaded, and transported off site.


#### **4.7 SEDIMENT TRANSPORTATION AND DISPOSAL**

USAD personnel will load dewatered sediment into subcontractor trucks and the subcontractor will transport sediment to Weimer and Sons facility for disposal. Loading, transportation, and disposal will be performed throughout dredging and excavation of sediments, and for approximately 3 days after completion of dredging as the stockpile of dewatered sediment is depleted.

#### **4.8 DAILY MONITORING**

USAD's subcontractor (Galloway Enterprises) will perform daily monitoring during the project. Daily monitoring will include:

1. Compliance monitoring
2. Monitoring during ground and vegetation disturbing activities
3. Monitoring during all construction activities
4. Monitoring during all in-water work, water diversion installation/removal
5. Monitoring of dewatering activities
6. Relocation of fish and wildlife species
7. Monitoring of active bird nests
8. Daily logs for all monitoring activities

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**4.9 COMPLETION AND CLEANING**

Upon completion of sediment removal activities USAD will begin to remove clean and remove equipment. Final sediment transportation and disposal will be completed while USAD is breaking down and removing equipment from the site.


USAD will then grade and level the pit area and hydroseed the pit area and areas of the meadow that were impacted by equipment traffic.

Upon project completion, USAD shall inspect the work sites with LMWD to ensure all items have been completely removed from the site and the site has been restored to the condition prior to project commencement.

**5. DIVISION OF RESPONSIBILITIES**

The items listed below are defined items necessary for the performance of work as described in section 4 and are to be provided by USAD and LMWD. Any items not listed will be addressed on an as needed basis for responsibility.

USAD	ITEMS	QTY	LMWD
X	Biological Surveys	Lot	
X	Biological Monitoring, Daily	110	
X	Crane and Operator (W/Rigger(s)) for Dredge Insertion/Removal	1	
X	Crew Trucks / Support Trucks	3	
X	Dewatering Pit (constructed on site with water channel)	1	
X	Diesel Fuel, DEF, for Equipment and Delivery, Gallons	32000	
X	Disposal of Sediment Offsite, Truck Loads	2,150	
X	Dozer	1	
X	Dredge	1	
X	Dredge Pipe & Floating Hoses	Lot	
X	Dump Truck	1	
X	Erosion Control Blankets	Lot	
X	Excavator	2	
X	Excavator, Long Reach	1	
X	Forklift 10K	1	
X	Fuel Storage Tank, Double Wall, 500-gal capacity	2	
X	Fuser, HDPE Pipe	1	
X	Hoses for USAD Equipment	12	
X	Hydroseeding	Lot	
X	Job Trailer or Connex	1	
X	Light Tower (to power job trailer)	1	
X	Lodging for Out-of-Town Employees	6-8	
	Place to Decontaminate / Wash Equipment - On Site	1	X

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X	Portable Hand Wash Station	1	
X	Portable Toilets	1	
X	Pressure Washer(s) ≤5K psi. Heated	1	
X	Progress Reports / Final Report	1	
X	Pump, 6" Dry Priming Trash	1	
X	Radios for Internal Communication	2	
X	Rip Rap	Lot	
X	Safety Shower / Eye Wash Station	1	
X	Silt Fencing	Lot	
X	Straw Bales & Wattles	Lot	
X	Supervision and Personnel	6-8	
X	Survey, Biological	2	
X	Survey, Lake	1	
X	Transportation for Disposal (OTR)	2150	
X	Transportation of Liquids and Solids (within the plant)	Lake	
	Trash Disposal	Lot	X
X	Turbidity Curtain	2	
X	Valves and Fittings for USAD Equipment	6	
	Water Discharge Point (Madrone Lake)	1	X

## 6. SCHEDULE

Task	Shifts/Day	Days
Mobilization / Demobilization	1	2
Unload and Rig Up	1	6
Dredging Sediment Removal and Dewatering	1	98
Excavator Sediment Removal (concurrent with dredging)	1	37
Rig Down and Load Out	1	6
Site Grading and Hydroseeding	1	3
<b>TOTAL</b>		<b>115</b>

- Work will be performed 12 hours per day, 6 days per week.

### 6.1. DELAYS/STAND-BY DEFINITION

Delay or stand-by is any time that is caused by LMWD and is through no fault of USAD. Delays or Stand-by times include down time caused by inclement weather that prevents USAD from working. Delays or Stand-by times do not include Force Majeure events.

- Manned standby is defined as time billed while the workforce is available to work but delayed or called off by LMWD whether on site or not.



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- Unmanned standby is defined as billed time to cover all costs except labor when work is delayed or called off by LMWD and the crew is released to be available to work elsewhere but equipment remains on site.
- Delays from the lack of permits or supplies provided by LMWD.
- Delays incurred that slow or stop USAD's progress, or schedules that were the fault or responsibility of LMWD.
- Work Stoppages, restrictions, or obstructions directly affecting USAD's progress or schedule that would not have otherwise been incurred during our normal course of work.
- Idle or non-productive time incurred by USAD's personnel and/or equipment as a direct result of LMWD inaction, obstruction, or inability to provide reasonable assistance, services or supplies as previously agreed between both parties.
- Should LMWD require USAD to secure or move the job site equipment because of weather related conditions, USAD will invoice LMWD at cost plus 10% for related costs incurred.

**7. PRICING TABLES**

**7.1. SEDIMENT REMOVAL AND DEWATERING**

Description	U.O.M.	Units	Rate	Price
Mobilization / Demobilization	Lump Sum	1	\$32,887	\$32,887
Unload and Rig Up	Shift	6	\$11,516	\$69,093
Dredging Sediment Removal and Dewatering	Shift	98	\$13,580	\$1,330,816
Excavator Sediment Removal and Dewatering	Shift	37	\$4,838	\$179,012
Rental Equipment	Each	1	\$222,882	\$222,882
Diesel Fuel	Gallon	32,000	\$7.48	\$239,360
Rig down and Load Out	Shift	6	\$11,516	\$69,093
<b>TOTAL</b>	Workdays	<b>111</b>		<b>\$2,143,143.00</b>
Delays or Manned Standby Per Hour			\$1,108	
Unmanned Standby per day			\$4,550	

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**7.2. LINE-ITEM TABLE**

Description	U.O.M.	Units	Rate	Price
Hydroseeding	Each	1	\$14,286	\$14,286
Surveys	Lot	1	\$25,000	\$25,000
CSB & NW Turtle Avoidance Plan	Lot	1	\$12,943	\$12,943
Daily Biological Monitoring	Shift	110	\$1,730	\$190,300
Transportation and Disposal	Loads	2,150	\$571	\$1,228,571
Optional Rip Rap	Lot	1	\$63,571	\$63,571
<b>TOTAL LINE ITEMS</b>				<b>\$1,534,671.00</b>

**8. CLARIFICATIONS / CONSIDERATION**

- USA Debusk requires 30 days advance notification to schedule mobilization.
- This proposal and the pricing contained shall expire 60 days from submission.
- Quantities and durations are estimates only and subject to correction based on actual conditions/requirements.
- Pricing is exclusive of any taxes and withholdings.
- There are no liquidated damages to be considered if the proposed work schedule is not met.
- USAD will charge a per shift rate for sediment removal and dewatering as indicated in the price tables. USAD has used an estimated 43,000 cubic yards as the basis for sediment removal and an average sediment removal of 439 cubic yards per shift over the project duration.
- USAD has made a good-faith effort to estimate the quantity of loads for transportation and disposal. USAD will charge transportation and disposal per load as indicated in the price tables.
- USAD has made a good-faith effort to calculate fuel consumption. Any fuel consumption above the estimated volume will be invoiced to LMWD at the rate per gallon included in the price tables.
- In the event of a change in work scope, USA Debusk will communicate the changes with LMWD and receive written authorization to proceed with any additional or out of scope work prior to performing the work.
- USA Debusk based this proposal and subsequent pricing on the volumes to be removed as provided by LMWD and described in this proposal. Should the volumes increase, USA Debusk will issue a change order request to cover the cost associated with removal of the additional material.
- Any additional work requested by LMWD which is outside this defined scope of work will require review by USA DeBusk to determine whether personnel and equipment assigned to this project are capable and available to perform the additional work and will require a change order from LMWD prior to the start of the additional work if it is found to be within the capabilities of USA DeBusk at the time of the request.


 <b>USA DEBUSK</b>	<b>USA DeBusk</b> <b>Sediment Removal Services</b> <b>Lake Madrone Water District</b> <b>Madrone Lake</b>	Proposal # 25549 Date: 02/20/2025
--	--	--------------------------------------

- This proposal is to be considered part of any contract issued by LMWD to perform this project and this proposal number must be referenced on any associated purchase, work, or service orders issued.
- All work will be subject to the terms of any current applicable Master Services Agreement (MSA). If there is a discrepancy between MSA terms and any additional terms listed in any other document, the terms in the MSA shall prevail. In the event there is not an agreed MSA in place, standard terms and conditions must be fully executed by both parties and supported with the issuance of a purchase order, service order, or work order, prior to mobilization to the project.
- USA DeBusk's services require packages of personnel and equipment. It is intended that the rates provided are to be used in providing these services packaged together. Pre-established MSA rates will not be applicable to the personnel, equipment or services provided in this proposal.
- The bundled rates include only the equipment and personnel listed in the bundles identified and included in this proposal. Any additional equipment or personnel will be billed at the appropriate extra equipment and personnel rates (including service vehicles if not identified as part of the bundles).
- All equipment listed in this proposal shall be billed at the listed rate regardless of whether the item is owned, rented, or leased by USA DeBusk.
- If resources not listed on the rate sheet or division of responsibilities is requested by LMWD, these items will be billed in addition to the accepted charges outlined in this proposal and will be billed per MSA rates or at a mutually negotiated rate prior to bringing them on site.
- Materials and chemicals will be sold in full container quantities only. Materials can be returned for credit only when materials are unused, in a marketable condition and in a full/unopened container. If for any reason, special chemicals that are not a normal USA DeBusk inventory item are required to be returned to the manufacturer, a 35% restocking fee will apply. USA DeBusk reserves the right to adjust chemical pricing with 30 day written notice due to market fluctuations.

## 9. CONCLUSION

USAD has extensive experience managing large, technically complex industrial cleaning programs for some of the most demanding environmental leaders in the industry. USAD strongly believes we can offer significant benefits to Lake Madrone Water District. We continue to invest in new equipment, talented personnel, and innovative tools and technology to support our services. This, in addition to our forward-thinking philosophy on cost management, has demonstrated unparalleled success in maintaining true environmental compliance for the lowest total cost of our customers. USA DeBusk has a history and proven track record of providing value-added services on material handling projects. Recently completed and on-going projects provide clear evidence of USA DeBusk's ability to successfully integrate many disciplines into one work plan while producing a better than budgeted result. It is our belief that such results are achievable, in large part due to USA DeBusk's philosophy of staffing complex projects with highly qualified personnel who offer direct project experience. This



 <b>USA DEBUSK</b>	<b>USA DeBusk Sediment Removal Services Lake Madrone Water District Madrone Lake</b>	Proposal # 25549 Date: 02/20/2025
--	--	--------------------------------------

philosophy is a key ingredient in USA DeBusk's Project Success Formula, which anticipates "hurdles" before they occur thereby resulting in an efficient, compliant, safe, and cost-effective project.

We appreciate the opportunity to provide this proposal and look forward to a constructive dialogue on this and other opportunities with Lake Madrone Water District.



Secretary of the Lake Madrone Water District  
 Attn: Mr. Tim Beers  
 12 Star Road  
 Berry Creek, CA 95916  
 Email: [tjb.forest18@gmail.com](mailto:tjb.forest18@gmail.com)  
 Phone: 916-704-0839

February 14, 2025

Subject: Lake Madrone Water District Sediment Removal Project  
 Statement of Work (SOW) & Price Proposal

Dear Mr. Beers:

We appreciate the opportunity to provide you with this proposal for the Lake Madrone Sediment Removal Project. Our pricing is inclusive to include all labor, material, equipment, and supervision to remove the accumulated sediment from the areas of the lake described in the Request for Proposal. Odin Environmental Solutions, LLC (Odin) has prepared this price proposal based on review of the project documents including: Exhibit A, site visits, Q&A, and previous information learned from the 2024 bid request.

**PROJECT BACKGROUND**

Lake Madrone has accumulated an estimated 42,000- 45,000 cubic yards of sediment from channels within Berry Creek and Galen Creek, and from coves within Moss Creek and Fern Dell Creek. The sediment was deposited from the severe winter storms of the winter of 2022/2023 (California Severe Winter Storms, Flooding, Landslides, and Mudslides, DR-4683). FEMA calculated the volumes of sediment removal by area as: 31,408 cubic yards in the Berry Creek Inlet, 8,009 cubic yards in the Galen Creek Inlet, 1,111 cubic yards in the Fern Dell Cove, and 1,111 cubic yards in the Mossy Cove (based on documents provided with the 2024 bid request).

**MEANS AND METHODS**

Odin understands that the intent of the sediment removal project is to restore water storage capacity back to Lake Madrone. In lieu of an excavation design grade the volumes were determined based on average water depth of 8 feet. Since another year has lapsed and additional sediment has likely accumulated within the channel outlets, Odin performed an aerial drone survey to provide an updated estimate of volumes (Reference Attachment 1 illustrating Odin’s volume estimates):

Sediment Removal Area	FEMA Quantity (CY)	Odin Quantity (CY)
Berry Creek Channel	31,408	31,441*
Galen Creek Channel	8,009	10,328*
<b>SUBTOTAL</b>	<b>39,417</b>	<b>41,769</b>
Mossy Cove	1,111	1,200
Ferndale Cove	1,111	1,200
<b>TOTAL</b>	<b>41,639</b>	<b>44,169</b>



\*The boundary at the mouth for each channel was assumed to be the “shelf” that was visible from the drone photos, however, in reality, the sand deposit likely slopes down from the visible shelf to the existing lake bottom resulting in additional volume not accounted for in the table that would generate up to an additional 1,000 CY – 1,500 CY.

Odin evaluated a combination of two dredging methods consisting of mechanical sediment removal with a long reach excavator from the shorelines of Berry Creek and Galen Creek based on a 40-foot reach and hydraulic dredging using an 8-inch cutterhead suction dredge (Reference Attachment 2) for the interior of the latter creeks and both coves. Reference Attachment A with a figure depicting the 40-foot mechanical sediment removal area versus the remaining areas anticipated to be performed hydraulically.

Sediment Removal Area	Total Volume (CY)	Mechanical (CY)	Hydraulic (CY)
Berry Creek Channel	31,441	9,840	21,601
Galen Creek Channel	10,328	8,494	1,834
Mossy Cove	1,200	--	1,200
Ferndale Cove	1,200	--	1,200
TOTAL	44,169	18,334	25,835

Odin is providing a single unit price that is inclusive of either method and the quantity may be increased at the same unit price within the LMWD funding and direction to achieve water storage capacity goals. Odin has sequenced the work to begin dredging with both methods concurrently focused on Berry Creek first and Galen Creek second. Odin will track volumes on a daily basis and communicate with the water district as the dredge volumes approach the pay quantity. The contract quantity of 42,000 CY could be met with Berry and Galen creeks.

Mechanical sediment removal will bulk the material along the shoreline to allow the sediment to initially decant free pore water and allow the sediment to aerate before loading into haul trucks. Hydraulic sediment removal will be discharged as a slurry into Odin’s mechanical dewatering plant that separates sand fraction above the No. 100 sieve (150 microns). The dredge return water is routed from the dewatering plant back to Galen creek. Odin collected four samples during a site visit: two each at Berry and Galen creeks for gradation analysis. Based on the gradations, Odin is confident that the dewatering plant will perform well with the gradations of sediment dredged on this site. *A benefit unique to Odin’s approach of using the dewatering plant is a minimal footprint area of approximately 50’x50’ and omitting the disturbance of the pit area for drying and processing sediments.*

A turbidity curtain will be deployed at the mouth of Galen Creek to contain dredged sediment, and the long reach excavator will be used to remove hydraulically discharged sediment to dry and aerate before loading into haul trucks. Sediment loaded into haul trucks will be transported and disposed of at Bangor Aggregate. Odin does not anticipate weighing trucks and has proposed payment for transportation and disposal by the cubic yard.

Odin will deploy standard Best Management Practices complying with the stormwater objectives to ensure that dredged sediment does not get transported outside of the project boundary including straw wattles, silt fence, stabilized construction entrance, street sweeping at 2-days per week and turbidity curtains around active dredge management areas. Odin has also included a biologist as required for pre-construction survey and monitoring throughout construction.



Two bathymetric surveys are included in our price to establish pre-construction grades of the lake and post-dredge grades as a comparison for payment by the cubic yard. The bathymetric survey and calculations will be performed by a third-party licensed surveyor.

Odin has included riprap placement for the locations and dimensions identified in Exhibit A. Odin proposed placement of a 1.5-foot-thick section of 12-inch (nominal diameter) riprap which equates to approximately 600 Tons. Due to the extreme scour on the Northern shoreline of Berry Creek, Odin has included 400 Tons of rockfill (4-inch rock) to rebuild shoreline that would be overlain with the 1.5-foot of riprap.

**PRICE PROPOSAL**

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL
001	Mobilization / Demobilization	1	LS	\$161,000.	\$161,000.
002	SWPPP BMPs	1	LS	\$85,000.	\$85,000.
003	Sediment Removal	42,000	CY	\$31.60	\$1,327,200.
004	Haul and Dispose Sediment	42,000	CY	\$40.55	\$1,703,100.
<b>TOTAL BASE BID AMOUNT</b>					<b>\$3,276,300.</b>
005	Biologist Survey & Monitoring	1	LS	\$78,000.	\$78,000.
006	Riprap – Purchase, Haul, Placement	1,000	TN	\$67.00	\$67,000.

<sup>1</sup>Pricing compliance with Federal and State guidelines 2 CFR 200 § 317-326.

**SCHEDULE**

We estimate that the Lake Madrone Sediment Removal project will be completed in accordance with the following schedule based on a start date of April 1<sup>st</sup> which is completed by the end of June:

Activity Description	Duration
Mobilization	8 DY
Sediment Removal	57 DY
Demobilization	5 DY
<b>TOTAL DURATION</b>	<b>70 DY</b>

The schedule is based on working one shift per day at 10 hours per shift 6-days per week.



## EXCLUSIONS

The following services are not included in our proposal:

1. Water quality monitoring.
2. Traffic control.
3. Permits including encroachment permits on Oroville-Quincy HWY.

We appreciate the opportunity to provide a proposal for this project. Please reach out to me directly with any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tino Maestas'.

Tino B. Maestas, P.E.

Project Director | Corporate Quality Assurance Director

P: 916-660-3683 | email: [Tino@odinenv.com](mailto:Tino@odinenv.com)

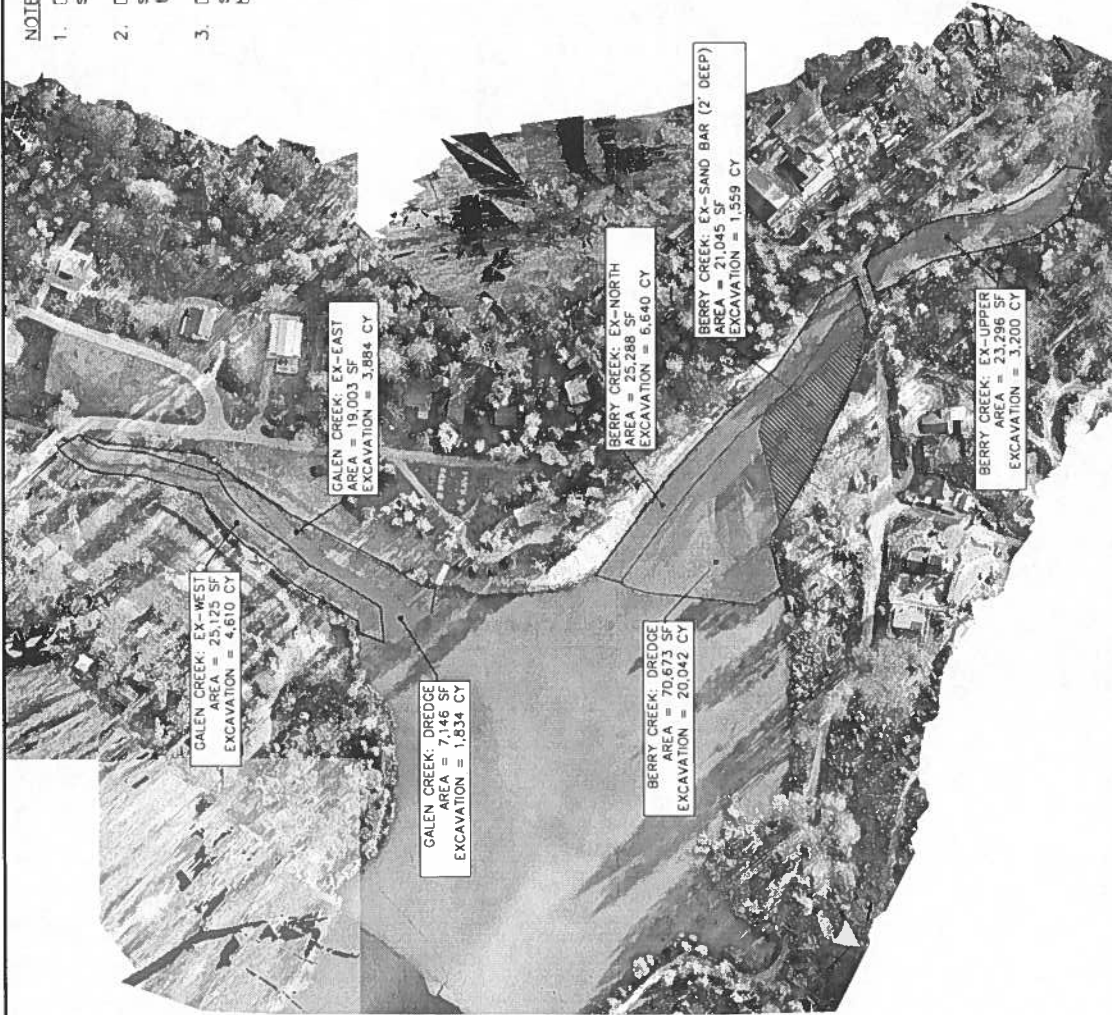


## **PROPOSAL CONDITIONS**

1. Odin Environmental Solutions, LLC will proceed in a timely manner to negotiate a mutually acceptable subcontract for the selected portions of the work bid by the Subcontractor.
2. All specifications, drawings and technical data submitted by us are to be treated as confidential and shall not be disclosed to any third party without our express written consent. Such information shall remain our property and be returned to us upon demand.
3. Odin Environmental Solutions, LLC is covered by liability insurance with limits of \$1 million per occurrence and statutory worker's compensation insurance. Our liability is limited to the work outlined above, and we assume no liability beyond that unless it is due to our sole negligence. Such liability shall be limited to those activities covered by our GL policy and shall not exceed the aggregate sum of \$2 million.
4. Delays not the fault of Odin Environmental Solutions, LLC, as well as premature mobilization and/or additional mobilizations and associated set-up time caused by working out of sequence at the request of others that is not identified in this proposal will be billed as extra work.
5. Our work, including material orders, will commence as soon as possible after receipt and execution of contract documents and your notice to proceed.
6. Our proposal is based on receiving award of the contract and/or notice to proceed so that the start date represented in our proposed project schedule can be met. If contract award and/or notice to proceed is delayed so that Odin Environmental Solutions, LLC cannot start the project as proposed, Odin Environmental Solutions, LLC may require (reserves the right to) a change in the schedule and/or price depending on the length of the delay and time of year.
7. The prices quoted herein are contingent on the acceptance of our proposal methods, as stated above, by the Owner's Engineer(s).
8. Note that Odin Environmental Solutions, LLC: 1) will not take title to any Hazardous or Special Waste; 2) will not sign any manifest or shipment documents; and 3) will not make the actual selections of hazardous waste disposal sites.
9. Monthly payment applications will be processed and paid on net thirty (30) day payment terms.
10. Retention is paid within forty-five (45) days of acceptance of Work and submittal of all project closeout documentation.
11. This proposal is valid for sixty (60) days.

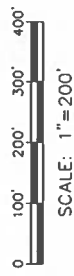


**ATTACHMENT 1**  
**VOLUME ESTIMATES AND**  
**MECHANICAL/HYDRAULIC DREDGING AREAS**



**NOTES:**

1. Dredge template for Berry Creek included 1H:1V side slopes with a depth of 8-feet from bridge to mouth.
2. Dredge template for Upper Berry Creek included 1H:1V side slopes with a depth transition from 6-feet at the bridge to 2-feet at the upgradient end.
3. Dredge template for Galen Creek included 1H:1V side slopes with depth transition from 3-feet at the bridge to 8-feet at the mouth.



**LAKE MADRONE  
EXCAVATION AND DREDGING AREAS**

DRAWN BY:  
CBD  
CHECKED BY:  
TM  
DATE:  
2/4/2025

FIGURE  
**1**



5901 Orchard Blvd, Suite 300  
Roseville, CA 95671  
Phone: 916.251.5500  
Fax: 916.251.5599



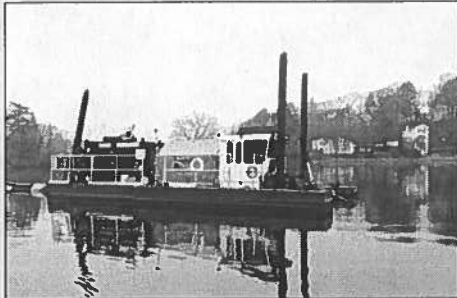
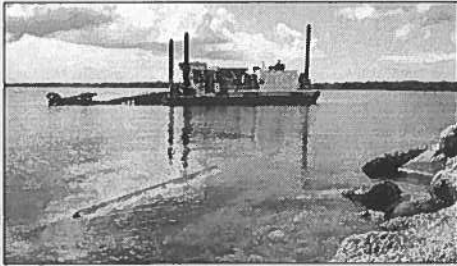


**ATTACHMENT 2**  
**ELICOTT 8-INCH STEPLADDER DREDGE**



Ellicott Dredges, LLC  
 1611 Bush Street  
 Baltimore, MD 21230

Ph 410-545-0232 • Fax 410-545-0293  
 Web site – www.dredge.com



# 360SL

## 8" SWINGING LADDER DREDGE

### "SWINGING DRAGON"™

#### SPECIFICATIONS

##### General

Length— with Ladder overall .....	58'-8"
Width—Hull, overall .....	10'-0"
Width-Shipping, overall.....	10'-6"
Height-Overall (without spuds) .....	11'-10-1/2"
Height-Overall (shipping).....	10'-0"
Dry Weight (estimated).....	53,000 lbs
Average Draft (estimated) .....	2'-4"
Fuel Capacity (3" Air Space) - (2 independent fuel tanks) .....	250 U.S. Gallons

##### Hull

Length .....	52'-2"
Depth .....	3'-6"
Width.....	10'-0"
Built-in Ballast Tanks .....	@ 4 corners
Minimum Exterior Steel Plate Thickness.....	3/16"
Lifting Lugs for lifting complete dredge.....	4

##### Diesel Engine

John Deere Model 9.0 L6090HF070 Turbocharged Diesel Engine—Radiator Cooled. Continuous Power Rating 375 HP @ 2200 RPM. 12V DC Electrical System. Sound Reduction Engine Enclosure. Engine Control Panel with Digital Read-Outs in Operator's Cab.

##### Dredge Pump

8" Dia Suction x 8" Dia Discharge—Hull Mounted. 19.5" Dia 3-Vane. Impeller - Thread-mounted on a Heavy-Duty Shaft. Wet End Parts (Impeller, Casing, Suction Cover & Replaceable Rear Liner) - 28% High Chrome Alloy Cast Iron (600 BHN Minimum). Oil lubricated bearing assembly with lip seal. Rope Packing on Pump End with Water Flush. Anti-Friction Roller Bearings for Thrust and Radial Loads. Typical Operating Point—3,000 GPM @ 150' of Head (Water) @ 1132 RPM. Efficiency @ Typical Operating Point 77%. Maximum Sphere Size 3.625"

##### Cutter Head

Cutter diameter 31.5". Number of Blades 6. Cutting Blade Edges Replaceable Blades. Shaft diameter 2-1/2". Torque Rating 63,000 lb/inch. Speed Range 0-40 RPM. Cutter Horsepower 40. Cutting Force 4,000 lb. Cutting Force 64 lb/inch.

##### Dredge Range

Minimum Digging Depth 2'-4". Maximum Digging Depth 20'. Width of Cut @ 2'-4" Digging Depth -22'-0". Width of Cut @ 15' Digging Depth - 18'-3"

##### Ladder Swing Cylinder

Nominal Size .....	6" Bore x 16" Stroke
Rod Diameter.....	2-1/2"
Style .....	Connecting Rod End(s)
Burst Pressure .....	7,500 PSI
Operating Pressure .....	2,500 PSI

##### Ladder Hoist Cylinder

Nominal Size .....	6" Bore x 30" Stroke
Rod Diameter.....	2-1/2"
Style .....	Connecting Rod End(s)
Burst Pressure.....	7,500 PSI
Operating Pressure .....	2,500 PSI

##### Kicker Spud Cylinder

Nominal Size .....	6" Bore x 10" Stroke
Rod Diameter.....	2-1/2"
Style .....	Connecting Rod End(s)
Burst Pressure .....	7,500 PSI
Rated Operating Pressure .....	2,500 PSI

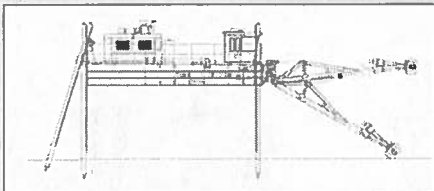
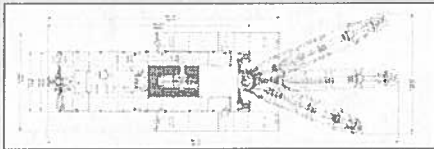
##### Spud Hoist Winches

Type- High performance, high efficiency, planetary hydraulic winch. Line Pull - 2,200 lb. Line Speed (Up and Down) - 70 FPM. Maximum Operating Pressure - 2,000 PSI. Wire Rope Diameter and Type - 1/2" – 6x19 Galvanized Wire Rope

- **Newly designed**
- **Contractor Quality**
- **Articulated ladder with high head hull pump**

**Applications**

- **Lakes/Ponds**
- **Marinas/Docks**
- **Environmental Clean-ups**



**One-Truck Transportable**

**Hydraulic Systems**

Pump Drive - Double Pump – Engine Direct Drive.

Circuits: Dredge Pump (Closed Loop): 4,500 PSI Max Continuous Rating. 5,500 PSI Relief Pressure Setting.

Cutter Head & Auxillary. 2,500 PSI Continuous Rating. 2,800 PSI Relief Pressure Setting  
Circuit Type(s): Dredge Pump – Closed Loop Hydro-Transmission. Auxillary Controls – 7 bank proportional directional control valve(s).

**Operator's Cab**

Construction - Steel galvanized sheet wrapper with steel tubular frame, sound attenuating foam insulation on walls and ceiling, and tinted safety glass windows. Bi-fold door on both sides of cab. Heating/Cooling - Roof mounted air conditioner with hot water heater and fan.

**Engine Control Panel**

Diesel engine control panel with read-outs including speed control, tachometer, oil pressure, coolant temperature, high temperature and low oil pressure shut-down.

**Controls**

Individual "Finger-Tip" Control Switches:

- Dredge pump On/Off and Speed
- Cutter head Fwd/Off/Rev and speed
- Ladder swing cylinder, Starboard/Off/Port and Speed
- Ladder hoist cylinder, Up/Off/Down
- Starboard spud hoist, Up/Off/Down
- Port spud hoist, Up/Off/Down
- Kicker spud hoist, Up/Off/Down
- Kicker spud, Fwd/Off/Rev
- Service water pump, On/Off

**Lighting**

Front and Rear Work Lights. Interior Cabin Light.

**Instruments**

Gauges:

- Slurry Pressure and Vacuum Gauges (Dial Type)
- Hydraulic Pressure Gauge, Dredge Pump Circuit
- Hydraulic Pressure Gauge, Cutter Head Circuit
- Hydraulic Pressure Gauge, Auxillary Circuit(s)

**Options**

- Air Conditioning • Windshield Wiper & Horn • Dredge Positioning System • Production Meter
- Suction/Discharge Relief Valve

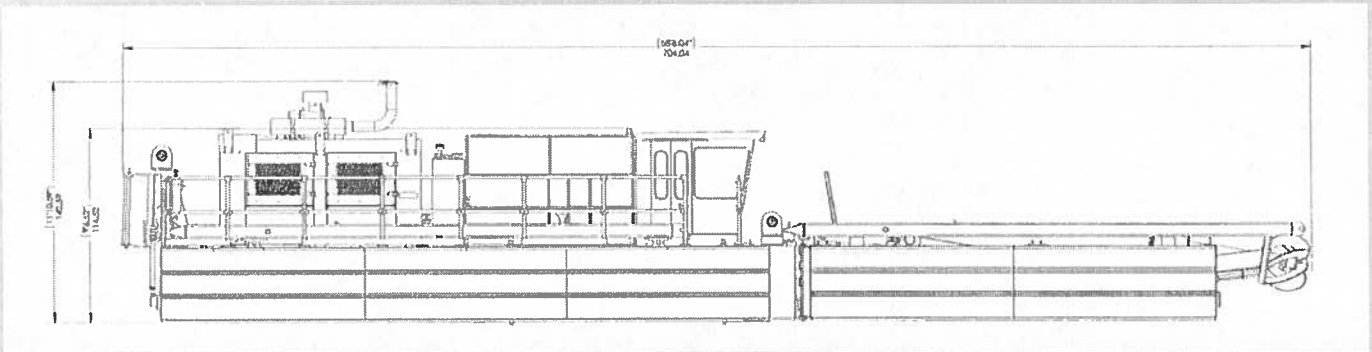
**Safety Equipment**

Two fire extinguishers, two life vests, and life ring.

**Coating System**

All underwater parts are given two coats of marine epoxy primer followed by a marine urethane top coat. Above water parts are first coated with a zinc rich primer followed by a marine epoxy primer and top coated with acrylic polyurethane. The deck is also given an anti-skid surface. The minimum paint thickness for below and above water coatings is 12 mils, not including OEM coatings.

**360SL 8" Swinging Ladder Dredge – "Swinging Dragon"™**

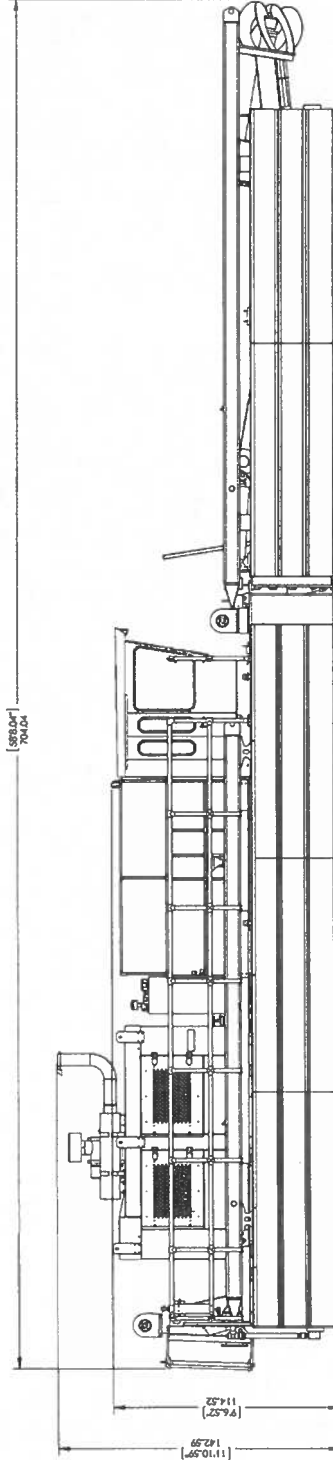
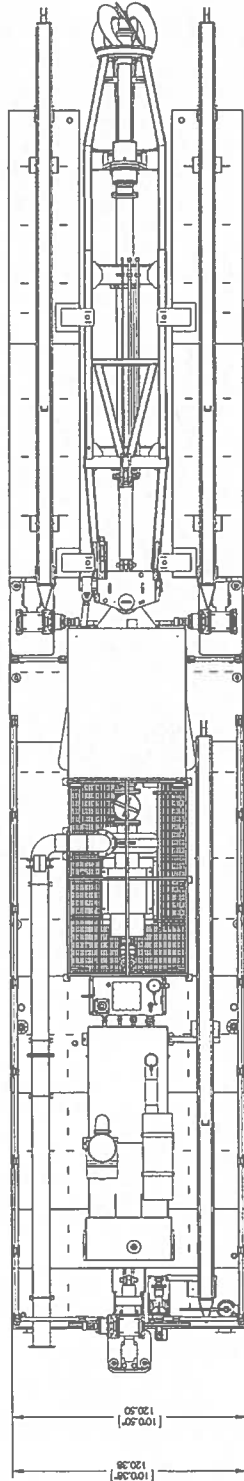


These specifications are representative of a typical swinging ladder dredge design, but are subject to change at manufacturer's discretion when necessary to update the product, and to provide the best available technology that optimizes dredge performance, improves quality, and best satisfies our customers' needs.



**GENERAL NOTES:**

1. ALL DIMENSIONS IN PARENTHESES ARE FOR REFERENCE ONLY UNLESS NOTED OTHERWISE.
2. BREAK ALL SHARP EDGES, REMOVE ALL BURRS AND SCALE, UNLESS NOTED OTHERWISE.
3. WEIGHT (LBS):



ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE IN INCHES AND DECIMALS THEREOF. DIMENSIONS IN PARENTHESES ARE FOR REFERENCE ONLY UNLESS NOTED OTHERWISE. © 2010 LWT TECHNOLOGY, LLC ALL RIGHTS RESERVED.		MODEL: SWINGING LOADER SHIPPING: SHPPK		LWT LWT TECHNOLOGY, LLC 10000 W. 10TH AVENUE DENVER, CO 80231		SHEET: 4 OF 4 SCALE: 1:30 PART NO. DRAWING NO.: 000752A	
DATE	BY	DESCRIPTION	REV.	DATE	BY	DESCRIPTION	REV.

**Vicki Hoggins**

---

**From:** Roger Williams <roger@rjrtransportation.net>  
**Sent:** Monday, February 24, 2025 3:28 PM  
**To:** Vicki Hoggins; Timothy Beers  
**Subject:** Re: LMWD Audit

Caution! This message was sent from outside your organization.

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I just spoke with Regina with the Special District Reporting Unit in Sacramento and she confirmed that the Transaction Report was received on January 28th with a copy of our audit.

All good.

Thanks,

**Roger Williams**

RJR Transportation, Inc.  
office (209) 858-1124  
fax (209) 858-1134  
cell (916) 417-7900

On 02/22/2025 9:14 PM PST Vicki Hoggins <vhoggins@minasianlaw.com> wrote:

Should we go ahead and send a copy of the audit report to the State Controller's office? We haven't sent them one since 2020 and that was for the year ended 06/30/19.

Vicki

The information contained in this electronic mail transmission is confidential and intended to be sent only to the stated recipient of the transmission. It may therefore be protected from unauthorized use or dissemination by the attorney-client and/or attorney work product privileges. If you are not the intended recipient or the intended recipient's agent, you are hereby notified that any review, use, dissemination, distribution or copying of this communication is strictly prohibited. You are also asked to notify us immediately by telephone and to return the document to us immediately via e-mail at the address shown above. Thank you.

**Vicki Hoggins**

---

**From:** Shane McCabe <lmwd.shane@gmail.com>  
**Sent:** Monday, February 24, 2025 6:15 PM  
**To:** Danielle Ford  
**Cc:** Timothy Beers; Leah Janowski; Vicki Hoggins; Betsy Haydon  
**Subject:** Re: Lake Madrone WD CCR

Caution! This message was sent from outside your organization. [Allow sender](#) | [Block sender](#) | [Report](#)

Hi Danielle. I have a huge favor to ask of You. We need to inform our water users by mail that we were Non-Compliant. Our hope is we can send with the CCR at the same time. It would save us quite a bit of work. Is there anyway you could send us a completed 2024 CCR asap. We need to print, put them in envelopes and send via mail before Mar 6. The earlier the better but before Mar 5 for sure.

Thank You  
Shane

On Mon, Feb 24, 2025 at 1:44 PM Danielle Ford <[danielle.ford@pacelabs.com](mailto:danielle.ford@pacelabs.com)> wrote:  
Understood, thanks

Thank you,

**Danielle Ford**

Client Services

Office:530-243-7234 | Cell:530-736-6207 | [pacelabs.com](http://pacelabs.com)



**PROCESS PAYMENTS ONLINE** – click on the link below

[Online Bill Pay](#)

A 2.5% surcharge may be added to your credit card payment. Debit and ACH/e-checks incur no additional fees.

NOTICE-- The contents of this email and any attachments may contain confidential, privileged, and/or legally protected information and are for the sole use of the addressee(s). Any review or distribution by others is strictly prohibited. If you are not the intended recipient, please contact the sender immediately and delete any copies.

 Please consider the environment before printing this email

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**From:** Shane McCabe <[lmwd.shane@gmail.com](mailto:lmwd.shane@gmail.com)>

**Sent:** Monday, February 24, 2025 1:30 PM

**To:** Danielle Ford <[danielle.ford@pacelabs.com](mailto:danielle.ford@pacelabs.com)>

**Cc:** Timothy Beers <[tjb.forest18@gmail.com](mailto:tjb.forest18@gmail.com)>; Leah Janowski <[ljanowski@minasianlaw.com](mailto:ljanowski@minasianlaw.com)>; Roger Williams <[roger@rjrtransportation.net](mailto:roger@rjrtransportation.net)>; Vicki Hoggins (LM) <[vhoggins@minasianlaw.com](mailto:vhoggins@minasianlaw.com)>

**Subject:** Re: Lake Madrone WD CCR

CAUTION: This email originated from outside Pace Analytical. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Danielle. We are in compliance violation for missing a nitrate test on Star Well in 2024. We need to state that in 2024 CCR.

Thanks

Shane

On Mon, Feb 24, 2025 at 12:53 PM Danielle Ford <[danielle.ford@pacelabs.com](mailto:danielle.ford@pacelabs.com)> wrote:

OK, just to clarify, you are trying to get the nitrate testing up-to-date before I complete the report?

-Danielle Ford

Thank you,

**Danielle Ford**

Client Services

Office: 530-243-7234 | Cell: 530-736-6207 | [pacelabs.com](http://pacelabs.com)



**PROCESS PAYMENTS ONLINE** – click on the link below

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**From:** Shane McCabe <[lmwd.shane@gmail.com](mailto:lmwd.shane@gmail.com)>  
**Sent:** Friday, February 21, 2025 10:23 AM  
**To:** Danielle Ford <[danielle.ford@pacelabs.com](mailto:danielle.ford@pacelabs.com)>  
**Cc:** Timothy Beers <[tjb.forest18@gmail.com](mailto:tjb.forest18@gmail.com)>; Leah Janowski <[ljanowski@minasianlaw.com](mailto:ljanowski@minasianlaw.com)>; Roger Williams <[roger@rjrtransportation.net](mailto:roger@rjrtransportation.net)>; Vicki Hoggins (LM) <[vhoggins@minasianlaw.com](mailto:vhoggins@minasianlaw.com)>  
**Subject:** Re: Lake Madrone WD CCR

CAUTION: This email originated from outside Pace Analytical. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Danielle, please hold off on final draft of 2024 CCR. We were informed we are missing a nitrate test for 2024 and we will need to add to 2024 CCR.

Shane

On Tue, Feb 18, 2025 at 12:48 PM Shane McCabe <[lmwd.shane@gmail.com](mailto:lmwd.shane@gmail.com)> wrote:

Hi Danielle. Please move forward with CCR. Here are the answers to your questions.

1. Shane McCabe 530-552-2116
2. Leah Janowski. [ljanowski@minasianlaw.com](mailto:ljanowski@minasianlaw.com)  
Vicki Hoggins (LM) <[vhoggins@minasianlaw.com](mailto:vhoggins@minasianlaw.com)>
3. Timothy Beers <[tjb.forest18@gmail.com](mailto:tjb.forest18@gmail.com)>  
Vicki Hoggins (LM) <[vhoggins@minasianlaw.com](mailto:vhoggins@minasianlaw.com)>  
Roger Williams <[roger@rjrtransportation.net](mailto:roger@rjrtransportation.net)>  
Leah Janowski <[ljanowski@minasianlaw.com](mailto:ljanowski@minasianlaw.com)>
- 4.
5. A) No  
B) July 19 2024 we had a BacT+ sample at 100k tank.

Leah/Vicki, please send a copy of our Board Meeting Schedule for 2025 to Danielle.

Thanks  
Shane

On Fri, Feb 14, 2025 at 3:38 PM Danielle Ford <[danielle.ford@pacelabs.com](mailto:danielle.ford@pacelabs.com)> wrote:

In the past, Pace Laboratory has completed your Consumer Confidence Report (CCR). I am reaching out to ensure that this is still a service you would like us to perform. The cost of the report is \$263. If you would like Pace Laboratory to complete this report on your water systems behalf, please reply to the questions below in a timely manner.

1. Name and phone number of the contact person as you would like it to appear on the report.

2. Email for invoicing.
3. Emails of who you would like me to send the report to upon completion.
4. Dates of any future board meetings that would provide a forum for water users' questions and comments.
5. During the year of **2024**:
  - a. Were there any changes to the drinking water system (i.e. upgrades, new well)? If yes, please explain.
  - b. Were there any corrective actions or violations for your drinking water system (i.e. boil water notices, shock chlorination, assessments)? If yes, please explain.

**This report is time sensitive, thank you for your prompt response.** If you have any questions, please email, or call me on my cell phone as I don't work directly in the lab most days. My number is 530-736-6207.

Thank you,

**Danielle Ford**

Client Services

Office: 530-243-7234 | Cell: 530-736-6207 | [pacelabs.com](http://pacelabs.com)



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**Vicki Hoggins**

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**From:** Timothy Beers <tjb.forest18@gmail.com>  
**Sent:** Tuesday, February 25, 2025 9:19 AM  
**To:** DuBose, Teri  
**Cc:** Wagner, Scott@CalOES; Al Obaidi, Zeyad@CalOES; Vicki Hoggins  
**Subject:** Re: Continuous Delays by FEMA on Their Response to Job #4683DR-CA (2022-2023 Winter Storms) , Project 711955 Lake Sediment and Tree Removal at Lake Madrone

This sender is trusted.

Good Morning, Teri,

Thanks to you, and others, Project 711955 (Lake Madrone Lake Sediment and Tree Removal) FEMA Disaster-4683DR-CA, passed the FEMA EHP review on February 12, 2025. As you may or may not know, this project will cost approximately \$4,000,000; therefore it is classified as a major project. I have been told by our FEMA PDMG that because it's a major project, the funds for it have to be appropriated by Congress. This is where we need your help. If there is any way that your office or Congressman Doug LaMalfa could help to expedite the funding for this project, we would forever be grateful.

This past Saturday the Lake Madrone Water District Board and community opened all bids for this project and selected a contractor. The project is slated to begin on April 1, 2025, which is only five weeks from today. In order for the project to begin, it has to be obligated by FEMA and the funds should hopefully be sent to Cal OES. I know this is a tall order, but we have been working on this project for close to two years already. Any further delay on its completion could have disastrous effects not only on the Lake Madrone Community, but the entire Berry Creek area.

Our contractor has a number of other projects lined up; consequently, any delay could affect their ability to commit to doing this project. A year ago, we had four contractors bid on project 711955, this year we only had two contractors bid on it. We really can't afford to lose another contractor. Also, Lake Madrone, which is permitted to hold 200-acre feet of water, can now hold less than 100-acre feet of water, which has either caused or could cause the following to occur: It has impacted the Lakes retention of wildlife habitat, wetland protection, riparian area habitat, and Threatened-Endangered Species Protection, The increase in sediment in the Lake has increased flooding over the Lake Madrone Dam's emergency spillways and over the bridge at the top of the Lake. Since Highway 162 passes over the Lake Madrone Dam and its two emergency spillways, there has been an increase in flooding on Highway 162 (Oroville Quincy Highway). When flood waters pass over the bridge at the top of the Lake, it not only prevents traffic from passing from one side of Lake Madrone to the other, but it also increases the risk of washing out the bridge. The increase in sediment in the Lake has also greatly decreased the amount of water available for firefighting efforts throughout the Berry Creek community. Fire Trucks not only find it difficult to pull water from the Lake, but the available lake surface that helicopters can extract water from has almost completely disappeared.

Again, any assistance that you can provide to expedite the funding for Project 711955 will be greatly appreciated,

Tim Beers  
President of the Lake Madrone Water District Board  
(916) 704-0839

On Sat, Feb 15, 2025 at 3:49 PM DuBose, Teri <[Teri.DuBose@mail.house.gov](mailto:Teri.DuBose@mail.house.gov)> wrote:

My pleasure!

Teri

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**From:** Timothy Beers <[tjb.forest18@gmail.com](mailto:tjb.forest18@gmail.com)>  
**Sent:** Friday, February 14, 2025 5:07 PM  
**To:** DuBose, Teri <[Teri.DuBose@mail.house.gov](mailto:Teri.DuBose@mail.house.gov)>  
**Subject:** Re: Continuous Delays by FEMA on Their Response to Job #4683DR-CA (2022-2023 Winter Storms) , Project 711955 Lake Sediment and Tree Removal at Lake Madrone

Thanks for following up.

Tim Beers

President of the Lake Madrone Water District Board

(916) 704-0839

On Fri, Feb 14, 2025 at 3:15 PM DuBose, Teri <[Teri.DuBose@mail.house.gov](mailto:Teri.DuBose@mail.house.gov)> wrote:

Good afternoon Tim,

Below is the current information from FEMA regarding your project. Please feel free to check back with me in a couple of weeks if you have not heard anything. I will be happy to follow up!

Teri – Our PA program staff informed me this morning that their project just completed the environmental review yesterday. The project is now in final review. There will be some final checks and concurrences from FEMA, then it will be transferred to CalOES and Madrone for their final review.

Hope this helps!

Sincerely,

Teri

Sent from my iPhone

On Feb 13, 2025, at 11:01 AM, Timothy Beers <[tjb.forest18@gmail.com](mailto:tjb.forest18@gmail.com)> wrote:

Thanks Teri!

The LMWD appreciates any assistance that you and your office can give us to help resolve this situation,

Tim Beers

President of the Lake Madrone Water District Board

(916) 704-0839

On Thu, Feb 13, 2025 at 10:51 AM DuBose, Teri <[Teri.DuBose@mail.house.gov](mailto:Teri.DuBose@mail.house.gov)> wrote:

Good morning,

I have reached out to our Congressional Relations contact with FEMA and inquired about your issue. As soon as I hear back from him, I will let you know where things stand. He is very responsive, so I anticipate hearing back probably at the latest by Monday.

Sincerely,

s

Teri DuBose - District Representative

Congressman Doug LaMalfa CA/D1  
120 Independence Circle, Suite B  
Chico, CA 95973

530.343.1000 phone

530.343.0240 fax

[www.lamalfa.house.gov](http://www.lamalfa.house.gov)

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**From:** Timothy Beers <[tjb.forest18@gmail.com](mailto:tjb.forest18@gmail.com)>

**Sent:** Wednesday, February 12, 2025 12:59 PM

**To:** Page, Laura <[Laura.Page@mail.house.gov](mailto:Laura.Page@mail.house.gov)>; DuBose, Teri <[Teri.DuBose@mail.house.gov](mailto:Teri.DuBose@mail.house.gov)>; Mara, Lisa <[Lisa.Mara@mail.house.gov](mailto:Lisa.Mara@mail.house.gov)>

**Subject:** Continuous Delays by FEMA on Their Response to Job #4683DR-CA (2022-2023 Winter Storms) , Project 711955 Lake Sediment and Tree Removal at Lake Madrone

*Good morning, Laura, Teri, and Lisa,*

*My name is Tim Beers and I'm the current president of the Lake Madrone Water District Board. As you may or may not know, Lake Madrone is in Berry Creek California, about 18 miles above Oroville on Highway 162. Since January of 2017, our small community has suffered through five federally declared disasters, and we are still trying to navigate our way through four of these disasters and nine projects.*

*The reason that I'm reaching out to the three of you is because I'm hoping that one of you might be able to talk to Congressman Doug LaMalfa on the Lake Madrone Water District's behalf.*

*Currently the Disaster that we really need help with, is the California Severe Winter Storms, Flooding, Landslides, and Mudslides that occurred between December 27, 2022, and January 31, 2023. The declaration number is FEMA-4683DR-CA, Project 711955 (Lake Sediment and Tree Removal). In 2020, the North Complex Fire burned through our 10,000-acre water shed and when the 2022/2023 atmospheric river hit the Berry Creek area, more than 42,000 cubic yards of sand, mud, and debris was washed into Lake Madrone. Consequently, Lake Madrone, which is permitted to hold 200-acre feet of water, can now hold less than 100-acre feet of water. This has greatly impacted the Lakes ecosystem, the availability of water to*

*fight wildfires; plus, it has increased flooding over the Lake Madrone Dam's emergency spillways. Plus, since Highway 162 passes over the Lake Madrone Dam and its' two emergency spillways, we have seen an increase in flooding on Highway 162.*

*We began Project 711955, Lake Sediment and Tree Removal 22.5 months ago. On March 23, 2023, the RSM Meeting was held in Chico, CA, and on April 3, 2023, FEMA held a Site Visit at Lake Madrone. On September 6, 2023, FEMA EHP began to review this project. Therefore, FEMA EHP has been reviewing Project 711955, Lake Sediment and Tree Removal for over 525 days.*

*To help each of you understand what the Lake Madrone Water District's 2025 Lake Sediment Removal Project is all about, I'm giving you a brief history of Lake Madrone, its history of sediment removal, and a summary of key communications that have occurred during this project.*

### ***Lake Madrone***

*Lake Madrone is a 25-acre lake that is used for recreation and fire protection. The LMWD has a water storage permit from the SWRCB to store up to 200-acre feet of water behind the dam. That means that the historic average depth of Lake Madrone is 8 feet. There are five tributaries that empty into Lake Madrone: Berry Creek, Sugar Pine Creek, Galen Creek, Mossy Creek, and Ferndale Creek. Unfortunately, they not only bring water into the Lake, but also sediment from our 10,000-acre watershed.*

### ***The Lake Madrone Dam***

*The Lake Madrone Dam, located at the northern end of the Lake, was built in 1931. The dam is a siphon dam and has an emergency spillway on both the eastern and western sides of it. Under normal conditions, the dam is designed to keep the water level of Lake Madrone at operating freeboard level by allowing*



*whatever water flows into the Lake to flow out of the Lake through the siphon control spillway of the dam. The siphons can handle a peak inflow/outflow of 6798 CFS. before the water level of the Lake rises above the freeboard level and possibly over the emergency spillways. The only other way water can be drained from Lake Madrone is by opening a 22.5-inch pipe that runs through the dam and into Berry Creek directly below the Lake Madrone Dam. It is estimated that this pipe has a maximum flow capacity between 55 and 60 CFS. The dam is classified as a high-risk dam by the Department of Water Resources (DWR), Division of Safety of Dams (DSOD), mainly because Highway 162 runs directly over it. Therefore, if the Lake floods, so does Highway 162 and if the dam collapses, so would Highway 162. When Lake Madrone floods, water flows over Highway 162 at the two emergency spillways, but not directly over the dam. When this occurs, Highway 162 is closed to traffic until the flood waters subside and the dam is deemed safe to cross.*

### **Lake Cleanout**

*In the 1950s, 60s, and 70s if the Lake needed to be cleaned out, the Lake would be drained during the winter months. This method simply allowed whatever sediment that was entering the Lake to exit the Lake with the help of the winter storms. In the early 1980s the LMWD was forced to abandon this method of lake cleanout.*

*The 1982/83 Lake Sediment Removal Project: The Lake was drained, and heavy equipment was used to remove and haul away sediment from the old railroad grade dam in the middle of the Lake, the Berry Creek Inlet, in front of the Ski Beach, and the Galen Creek Inlet.*

*In September of 2003, the 2003 Lake Sediment Removal Project took place: The Lake was drained, heavy equipment was used to remove and haul away sediment from the Berry Creek Inlet, in front of Ski Beach, and Galen Creek Inlet.*

*In August/September of 2009, the 2009 Lake Sediment Removal Project took place: The Lake was drained, and Robinson Enterprises used a Sauerman Bucket to pull out sediment from the Lake and dumped it into the Pit Area. Sediment was then loaded into trucks and hauled to the Spoils Area.*

*In April of 2017, the 2017 Lake Sediment Removal Project took place: DWI used a dredge to pull out sediment from the Lake and dumped it into the Pit Area. The Lake was not drained, and the dredge was able to remove muck from the center of the Lake.*

*In July of 2018, the 2018 Lake Sediment Removal Project took place: Clean Harbors used a dredge to pull out sediment from the Lake and dumped it into the Pit Area. Once the sediment dewatered enough, it was hauled to the Temporary Spoils Area, where it dewatered some more before being hauled to its permanent storage site in Oroville. The Lake was not drained, and the dredge was able to remove muck throughout the Lake.*

*A summary of LMWD inlet cleanout for the period of January 2004 through August 2020 is presented below in Table 1. The work listed in bold represents our normal annual inlet cleanouts. The work presented in parentheses include sediment removal outside of annual inlet maintenance activities.*

*Table 1 – Sediment Removal Quantities Prior to September 2021  
North Complex fire.*

<u>Year</u>	<u>Description of Work Performed</u>	<u>Sediment Removed</u>
<b>2004</b>	<b>Excavator cleanout of inlets.</b>	<b>635 cubic yards</b>
<b>2005</b>	<b>No cleanout performed.</b>	
<b>2006</b>	<b>Excavator cleanout of inlets.</b>	<b>1,159 cubic yards</b>
<b>2007</b>	<b>No cleanout performed.</b>	
<b>2008</b>	<b>No cleanout performed.</b>	
<b>2009</b>	<b>Robinson excavation of lake center.</b>	<b>*18,936 cubic yards</b>
<b>2010</b>	<b>No cleanout performed.</b>	

<b>2011</b>	<b>Excavator cleanout of inlets.</b>	<b>764 cubic yards</b>
<b>2012</b>	<b>Excavator cleanout of inlets.</b>	<b>1,116 cubic yards</b>
<b>2013</b>	<b>Excavator cleanout of inlets.</b>	<b>734 cubic yards</b>
<b>2014</b>	<b>Excavator cleanout of inlets.</b>	<b>696 cubic yards</b>
<b>2015</b>	<b>No cleanout performed.</b>	
<b>2017</b>	<b>DWI yards</b>	<b>2,045 cubic</b>
<b>2017 – 2018</b>	<b>FEMA-4301-DR-CA excavation of lake center**.</b>	<b>42,000 cubic yards</b>
<b>2019</b>	<b>Excavator cleanout of inlets.</b>	<b>760 cubic yards</b>
<b>2020</b>	<b>Excavator cleanout of inlets.</b>	<b>960 cubic yards</b>

**Average annual inlet cleanout:** **401 cubic yards/yr.**

*\*2009 excavation did not include work in the Galen or Berry Creek inlets.*

*\*\* 2017-2018 excavation did not include work in the Galen or Berry Creek Inlets. This project was also partially funded by FEMA.*

*Sediment removal following the September 2020 North Complex Wildfire are shown in Table 2. The composition of the erosion material and the total amount of sediment were dramatically different compared to that experienced in pre-fire years.*

*Table 2 – Sediment Removal Quantities after the September 2020 North Complex fire.*

<u>Year</u>	<u>Description of Work Performed</u>	<u>Sediment Removed</u>
<b>2021</b>	<b>Excavator cleanout of inlets.</b>	<b>4,180 cubic yards</b>
<b>2022</b>	<b>Excavator cleanout of inlets.</b>	<b>6,810 cubic yards</b>

### **Permits**

*Starting in 2003 the LMWD applied for, received, and maintained a DFW 1602 permit which expired on September 17, 2022. A new 1602 permit was received on April 24, of 2024, and is good for another 5 years.*

*In 2003 the LMWD applied for and received a SWRCB Wastewater Discharge permit. In June of 2009, Don Lindsey of the RWQCB in Redding approved the Pit Area and Spoils Area. Multiple times between 2009 and 2017, Scott Zaitz of the RWQCB, observed, and took pictures of our lake cleanout projects. He also approved the Pit Area, Spoils Site, and the methods we used to remove sediment from Lake Madrone. On June 6, 2024, I sent a draft of a 401 Water Quality Certification application to the RWQCB for staff review.*

*Prior to the 2017-2018 FEMA obligated Lake Sediment Removal Project, Sycamore Environmental Consultants Inc. conducted a Botanical Survey. However, no Biological Resource Assessment or Delineation Reports were required.*

*Starting in 2003 the LMWD applied for, received, and maintained a USACE 404 permit which expired in October of 2018. On February 9, 2021, Nancy Haley of the USACE stated that the annual sediment removal projects conducted at Lake Madrone do not result in a discharge of fill material into other waters of the United States, including wetlands. Therefore, a 404 permit is not required for such work. On May 15, 2024, I submitted a pre-construction notification (PCN) to the USACE for the 2024 Madrone Lake Sediment Removal Project.*

*The RWQCB, USACE, and DFW all signed off on the 2009 Lake Sediment Removal Plan. Because these agencies signed off on the plan, in July of 2009, Butte County granted the LMWD a grading permit exemption for the Spoils Area.*

*The 2017/2018 Lake Sediment Removal Project was obligated by FEMA, yet they did not require either a Biological Resource Assessment or Delineation Report to be conducted.*

*Gallaway Enterprises modified their Biological Resource Assessment of our 2024 Lake Sediment Removal Project so that it would qualify as an ESA (Endangered Species Act) consultation. They also did a Delineation Report for the Pit Area.*

*On three major lake sediment removal projects and several annual sediment removal projects, the Pit Area (which was approved by RWQCB, USACE, and DFW) has been used as a temporary dewatering site. All these agencies also have approved of the use of the Spoils Site, which has been used for every lake cleanout project since 2009.*

*In August 2023, the EPA, with the approval of both the RWQCB and USACE, signed an Administrative Order of Consent regarding LMWD's Annual Cleanout Procedure.*

***Summary of key communications that have occurred during Project 711955, Lake Sediment and Tree Removal at Lake Madrone***

*FEMA EHP began their review of Project 711955 Lake Sediment and Tree Removal at Lake Madrone on September 6, 2023.*

*On November 13, 2023, I received an email from Jocelyn Granados (FEMA PDMG) stating that FEMA EHP is consulting with USFWS on 4683DR-CA Project 711955 Lake Sediment and Tree Removal.*

*On January 3, 2024, Gallaway Enterprises sent the LMWD Biological Resource Assessment for the Lake Madrone Sediment Removal Project. This assessment cost \$4,909.00.*

*On January 22, 2024, I received an email from Deborah Phipps (FEMA EHP Manager) stating that Project 711955 Lake Sediment and Tree Removal is still in the EHP review process, with their Endangered Species Act (ESA) Subject Matter Expert (SME) currently reviewing the biological resource assessment, Lake Madrone Sediment Removal Project Biological Resource Assessment (GE# 23-163, Gallaway Enterprises) that was received on 1/4/2024 to determine project compliance ESA.*

*In Feb 2024, the LMWD learned that FEMA is now requiring us to do an Aquatic Resource Delineation Report on the Pit Area. Gallaway Enterprises cost estimate was \$5,400.00*

*On March 13, 2024, I received an email from Jocelyn Granados (FEMA PDMG) that included an email from Deborah Phipps (FEMA EHP Manager). Deborah stated that the FEMA ESA SME completed his review of the Biological Resources Assessment report this week and an RFI is forthcoming to address some errors and/or omissions in that report that are needed to proceed. Once that information is provided, I believe there may be a consultation required with USFWS, which typically takes 30 – 45 days.*

*On March 15, 2024, I received an email from Jocelyn Granados (FEMA PDMG) that included an email from Deborah Phipps (FEMA EHP Manager). Deborah stated "Thank you for providing the Biological Resource Assessment Aquatic and Terrestrial Wildlife, and Botanical Resources [BA], dated January 2024, for DR 4683 PW00503 PN 711955, Lake Sediment and Tree Removal project. The BA will become an official document for justification for effects to endangered species. FEMA will incorporate this document as part of our submission in compliance with Section 7 of the Endangered Species Act and coordination with the services for concurrence. As such FEMA conducts a review of the BA to assess the completeness and to determine that we are in concurrence with the conclusions presented in the BA.*

*On April 16, 2024, I received an email from Jocelyn Granados (FEMA PDMG) that included an email from Deborah Phipps (FEMA EHP Manager). Deborah stated that their disaster ESA staff had reviewed the BA that they forwarded it to the region 9 April 10, 2024, for review to determine if it will suffice for the ESA consultation.*

*On April 23, 2024, the LMWD received our 2024 Lake or Streambed Alteration Agreement (1602 Agreement). This 5-year agreement cost \$6,236.00. The CDFW also confirmed that they will be the lead agency and file a CEQA (the California Environmental Quality Act) for us on this project.*

*On May 3, 2024, CDFW filed a Notice of Exemption.*

*On May 8, 2024, I received an email from Deborah Phipps (FEMA EHP Manager) stating that Project 711955 was discussed during their most recent ESA meeting with Region 9 on 4/29/2024. Consensus was that this project will require a more extensive consultation process and as such will be handled by the Region from this point forward.*

*On Friday July 12<sup>th</sup>, Holly, Kevin Sevier (Gallaway Enterprise), and I attended a video/phone conference with Mary Tess Johnson (the FEMA Region 9 Senior Environmental Protection Specialist), and a half a dozen other FEMA and Cal OES members. During this meeting we were told by FEMA that there should be no problem with starting the 2025 Lake Sediment Removal Project on April 1, 2025.*

*On August 1, 2024, Holly Mason sent FEMA and Cal OES participants Gallaway Enterprise's Draft Delineation Report, which cost \$5,400.00, and an updated BRA for their review, which originally cost \$4,909.00 but ended up costing \$9,494.52, due to making it USFWS compliant.*

*On Friday August 2nd, Holly, Kevin Sevier (Gallaway Enterprise), and I attended a video/phone conference with Mary Tess Johnson and a half a dozen other FEMA and Cal OES members. During the meeting, FEMA stated that the United States Fish and Wildlife Service is currently evaluating the possible effects that our project can have on endangered species. Also, all parties agreed that we should be able to start removing sediment from the Lake beginning on April 1, 2025.*

*On August 15, 2024, Mary Tess Johnson (FEMA EHP Advisor) sent an email to Hillary Regnart (USARMY CESPCK). She said that "FEMA has begun initiating Section 7 consultation and anticipate completion by 10/30. FEMA has determined that Section 106 consultation is not required for the proposed Undertaking and meet's the programmatic allowances. We will transmit a copy of the Section 7 consultation and concurrence documentation upon receipt from USFWS".*

*On Tuesday August 27, 2024, Holly and I attended a video/phone conference with Mary Tess Johnson and a half a dozen other FEMA and Cal OES members. During the meeting, FEMA stated that it still anticipates completing its Section 7 consultation by 10/30. Plus, all parties agreed that we should be able to start removing sediment from the Lake beginning on April 1, 2025.*

*On October 28, 2024, Holly and I attended a video/phone conference with Mary Tess Johnson and nine other FEMA and Cal OES members. During the meeting, Tess stated that she was hoping that both FEMA and the United States Fish and Wildlife Service will complete their Section 7 consultation by January of 2025. Plus, all parties again agreed that we should be able to start removing sediment from the Lake beginning on April 1, 2025.*

*On January 10, 2025, Mary Tess Johnson (FEMA EHP Advisor) sent an email to Holly Mayson and me. She said "We are still on target for construction to begin in March, April of this year. I will send you a notification once the USFWS consultation is complete. I will also be sending you a public notice that has to be posted either on a website, posted locally or at the project site. I will CC you on my follow up email to USACE as we discussed at the site visit".*



*On January 22, 2025, I had cc Mary Tess Johnson (FEMA EHP Advisor) on an email and received the following automatic reply, "I am no longer with the agency, for all inquiries please contact REO Jeff Smyly".*

*On February 7, 2025, Jeff Smyly (FEMA Region IX Environmental Officer) sent an email to me. He said "The team has identified that Foothill Yellow Log frog may be adversely impacted and consultation will be needed with USFWS. Tess is no longer with FEMA and we do not have access to her files. I understand this is not ideal and impacts your plans. Kasey Rundquist is on point for the ESA review. You may have information readily available that could assist with her review. Currently it's expected the EHP review may take an additional 6 months to complete".*

### **Conclusion**

*Since August 27, 2024, the Lake Madrone Water District has been **told by FEMA** that we would be able to start the 2025 Lake Madrone Water District's Lake Sediment Removal Project on April 1, 2025. Consequently, on December 2, 2024, I notified all the contractors who had bid on the 2024 Lake Madrone Water District's Lake Sediment Removal Project (which couldn't occur do to lack of funding and incomplete permits) that contractor bids for the 2025 Lake Sediment Removal Project are due on or before February 14, 2025, by 5:00 PM and Sealed bids will be opened publicly on February 22, 2025, at 9:30 AM at 322 Lakeside Way, Berry Creek, CA 95916. I also let them know that the project was to start on April 1, 2025. These contractors have spent a lot of time and money preparing their bids for both the 2024 and 2025 Lake Sediment Removal Projects and if we have another delay, I'm worried that we will never see them bid again on a project at Lake Madrone.*

*This whole process began 22.5 months ago. On September 6, 2023, FEMA EHP began to review this project. Therefore, FEMA EHP has been officially reviewing it for over 526 days. FEMA EHP started consulting with USFWS on November 13, 2023, which is 489 days ago and USFWS has been reviewing Gallaway Enterprise's Delineation Report and updated BRA since August 1, 2024, which is 194 days ago. The thought that the EHP review may take an additional 6 months to complete, when we have been told multiple times that it was going to be completed in 2024 and that the 2025 Lake Sediment Removal Project can begin on April 1, 2025, is unacceptable.*

*In closing, our proposed 2024/2025 Lake Sediment Removal Project, doesn't evolve any sediment removal beyond the Lake itself. We just want to remove the sediment that was deposited into the Berry Creek Inlet, Galen Creek Inlet, Mossy Cove, Ferndale Cove, and the middle of Lake Madrone from the 2022/2023 Winter Storms and return the Lake to its historical depth of an average of 8 feet. All the areas that we will be working in, we have worked in multiple times. Plus, the methods that we are proposing to use, we have used before and have been permitted before. We have met every deadline, obtained every permit, done every study that the state and federal agencies have required. **Lastly, there has never been a confirmed sighting of a single Foothill Yellow Legged Frog at Lake Madrone!***

*Tim Beers*

*President of the Lake Madrone Water District Board*

*(916) 704-0839*

**Vicki Hoggins**

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**From:** Timothy Beers <tjb.forest18@gmail.com>  
**Sent:** Tuesday, February 25, 2025 2:51 PM  
**To:** Kenneth Kodysz  
**Cc:** Robert Hammer; Vicki Hoggins  
**Subject:** Bid Selection for Lake Madrone Water Districts 2025 Lake Sediment Removal Project

This sender is trusted.

Good afternoon, Kenn,

I'm sorry for not getting back to you sooner about Saturday's bid opening. We received bids from only two companies, ODIN Environmental Solutions LLC, and yourselves.

There are a lot of similarities between the two bids; however, there were also some key differences that tended to favor ODIN.

The following summary describes the rationale by which the bid proposal from ODIN was selected, followed by the principal reasons why the bid proposal from USA Debusk was rejected.

1. Cost: ODIN (\$3,354,300/42,000 cubic yards = \$79.86 per cubic yard). USA Debusk (\$3,614,243/43,000 cubic yards = \$84.05 per cubic yard).
2. Efficiency: ODIN intends to deploy equipment capable of moving approximately 736 cubic yards of sediment per day. While USA Debusk intends to only move approximately 439 cubic yards of sediment per day. ODIN's workers will work 10 hours a day, six days a week, while USA Debusk's workers will work 12 hours a day, six days a week.
3. Length of time for the project to be completed: ODIN anticipates moving 43,000 cubic yards in 59 days, while USA Debusk anticipates moving 43,000 cubic yards in 98 days.
4. Potential disturbance to District facilities: ODIN will discharge hydraulic sediment as a slurry into ODIN's mechanical dewatering plant that separates sediment above 150 microns and piles it up so that it can be hauled directly down the hill to Bangor Aggregate. The dredge return water will be routed from the dewatering plant back to Galen Creek. The dredge doesn't use any cables, and the footprint of the dewatering plant will be approximately 50' by 50'. On the other hand, Debusk would need to dig out the Pit Area, creating a pit that will be 3 to 4 feet deep and cover approximately 0.8-acres. Their dredge does require cables and will discharge hydraulic sediment as a slurry into the Pit Area for dewatering. The slurry will separate naturally in the upper end of the Pit Area and the water pumped with the sand will be returned to the lake at the other end of the Pit Area. As the sand builds up and dewateres, the sand will be pulled out of the Pit Area with an excavator to be loaded into trucks. Trucks will be loaded daily removing the sand off site.
5. Communication and dependability: ODIN visited the project site twice, took sediment samples, used a drone to help determine how much sediment there might be in the Lake, I had over a dozen emails and phone calls with Tino Maestas, and they turned their bid proposal in on time. No one at USA Debusk ever visited the project site, ever sent me any

emails or tried to communicate by phone, and your bid was 6 days late. Yes, Robert Lyons, who I understand, just started working for you, was at the work site in the fall of 2023 and is very familiar with LMWD Sediment Removal Procedure, we also have a lot of confidence in Robert but know very little about you and your company.

I hope this helps to explain why we have chosen ODIN over USA Debusk. We greatly appreciate receiving your bid and if we have any future sediment removal projects, we will be sure to reach out to you.

If you have any questions, please contact me,

Tim Beers  
President of the Lake Madrone Water District Board  
(916) 704-0839