

WHITE & SONS BOATWORKS

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**PROPOSAL BY WHITE & SONS BOATWORKS FOR
SALVAGE SERVICES FOR THE SURRENDERED AND
ABANDONED VESSEL EXCHANGE (SAVE)
PROGRAM.**

LAKE COUNTY WATERSHED PROTECTION DISTRICT

MARCH 13, 2017

Scope of Work

A. The Scope of Work for *Navigational Hazards salvaging on Clear Lake* includes the following:

1. The timeframe for demolition and disposal activities for this type of work on the water is likely to vary with each project. For example purposes, we will assume a 17 ft. runabout pleasure boat has sunk to the bottom of the lake in roughly 10 feet of water. Our estimated timeframe to perform the work necessary for this type of salvage is 24 (twenty four) hours. This includes all project management and invoicing.
2. White & Sons Boatworks (WSB) could likely perform 1 (one) of these tasks per week.
3. Procedures for removing a vessel of this type would include: Preparing our vessel and transporting necessary equipment and people to the site. This type of job would likely require a certified diver as well as a crane barge. We would employ a certified diver such as Frank Ley of Bullfrog Diving Services. This would enable us to attach lines underwater to the vessel and/or place airbags under the vessel for lifting purposes. Our work vessel is a 250 HP Shamrock V-drive workboat that is equipped with a generator, air bags, rigging lines, pumps, pollution containment materials, first aid kits, sonar equipment, GPS equipment and other relevant gear. It is also able to navigate in very shallow water if necessary. We may also subcontract with a construction company such as Bob Braito or Aqua Marine Construction that have barges with cranes for heavy lifting and pontoon barges for transporting debris. After vessel has been safely secured on transport vessel we would sonar scan the bottom of the lake to ensure we did not leave any large pieces of debris behind.
4. Procedures for securely transporting a vessel across County or State roads would include the use of our flatbed trailer and our heavy duty 1 ton truck that is capable of towing up to 20,000 lbs. safely. If pilot trucks are needed, WSB could hire such services. WSB may also hire a towing company if needed. Allowable material would be transported and disposed of at the Lake County Landfill in Clearlake, CA.
5. Procedures for spill prevention and spill control include (but are not limited to) visual monitoring of pollutants, the use of oil absorbent booms and/or pads to skim oil from the surface of the water, nets for securing debris and lifting contaminated materials into a collection tank in our boat. The timing of the project is also important. This type of work should be done during daylight hours, in calm water with light to no wind present as this will minimize any spread of contaminants.
6. To the extent possible, all hazardous wastes will be removed prior to any dismantling operations. WSB has oil extracting equipment and pumps to remove oil from engines and gasoline from gas tanks prior to dismantling.

7. If a vessel is unfit to be transported out of the water on a trailer, WSB has a forklift and backhoe that can be used to remove a boat from the water. This activity would take place at Braitto's Marina in Kelseyville, CA on a concrete ramp. We would have oil absorbent booms for oil spills and tarps in place to contain any fiberglass pieces they make break free upon removal from water. We would use this same equipment to load the vessel onto a trailer for transport.
8. Our location for dismantling is our shop located at 1555 Eastlake Drive, Kelseyville, CA where we have a concrete containment pad. All dismantling would take place on the containment pad where we will prevent all fluid and solids from leaving the containment pad. Our fluid discharge prevents any fluid discharge to the storm drain system. All residual hazardous materials within the pad will be properly recycled or disposed of upon completion of the dismantling. Braitto's Marina has a licensed oil recycling and containment area. We employ the services of Asbury Environmental Services to remove all oil, filters and contaminants that we collect when necessary. Braitto's Marina also has a septic pump out station if there is a septic holding tank in a boat that is being dismantled.
9. In the case of in-water dismantling, WSB will try to avoid this procedure as much as is possible. Should this type of dismantling be necessary, refer to #3 of this Scope of Work, for subcontractors and equipment that will be used. All debris will be removed from Clear Lake with appropriate tools listed.
10. Dust and debris from demolition will be minimized. We will discontinue dismantling operations outdoors when there are high winds. All debris will be contained in containment area and disposed of properly.
11. All appropriate abatement measures for contaminants such as lead based paints, polychlorinated biphenyl-containing electrical equipment and asbestos will be in place prior to dismantling.

B. Scope of Work for *Marine Debris Salvaging* includes the following:

1. The timeframe for demolition and disposal activities for this type of work on the water can vary. For example purposes, we will assume a 12 Ft long tree or piece of dock structure is floating in the middle of the lake. Our estimated timeframe to perform the work necessary for this type of salvage is 8 (eight) hours. This includes all project management and invoicing.
2. WSB could likely perform 5 (five) of these tasks per week.

3. Procedures for removing marine debris of this type would include: Preparing our vessel and transporting necessary equipment to the site. This type of job would likely require the use of our tow lines and work boat. It may further require use of a subcontracted crane barge and a pontoon platform boat, depending on size of marine debris. The subcontractors with this equipment that could be hired for this type of job include Bob Braitto and Aqua Marine Construction. Once the debris is at our location, we would break it down into manageable pieces and haul it to the appropriate dump station, either the landfill in Clearlake or Quakenbush for wood recycling.
4. Procedures for securely transporting marine debris across County or State roads would include the use of our flatbed or dump trailer and our heavy duty truck. The load would be securely tied down and transported.
5. N/A
6. N/A
7. N/A
8. Our location for breaking down marine debris such as tree branches and or pieces of docks would be our shop located at 1555 Eastlake Drive, Kelseyville, CA. This work would include the use of chainsaws and various smaller tools. All work would take place on our containment pad so as not to let any debris float back into the lake.
9. In the case of in-water dismantling, WSB will try to avoid this procedure as much as is possible. Should this type of dismantling be necessary, refer to #3 of this Scope of Work, for subcontractors and equipment that will be used. All debris will be removed from Clear Lake as needed.
10. Dust and debris from demolition will be minimized. We will discontinue dismantling operations outdoors when there are high winds. All debris will be contained in containment area and disposed of properly.
11. All appropriate abatement measures for contaminants such as lead based paints, polychlorinated biphenyl-containing electrical equipment and asbestos will be in place prior to dismantling.

C. Scope of Work for *Vessel Salvaging on Land* includes the following:

1. The timeframe for demolition and disposal activities for this type of task can vary. For example purposes, we will assume that WSB needs to retrieve a 17 ft. runabout pleasure boat on a trailer within the county boundaries in Lake County, tow it to our facility in Kelseyville, dismantle it and dispose of debris. Our estimated timeframe for this type of work is 10 (ten) hours.
2. White & Sons Boatworks (WSB) could likely perform 4 (four) of these tasks per week.
3. Not applicable (N/A)
4. Procedures for securely transporting a vessel across County or State roads would include the use of our flatbed trailer and our heavy duty 1 ton truck that is capable of towing up to 20,000 lbs. safely. If pilot trucks are needed, WSB could hire such services. WSB may also hire a towing company if needed. Allowable material would be disposed of at the Lake County Landfill in Clearlake, CA.
5. (N/A)
6. To the extent possible, all hazardous wastes will be removed prior to any dismantling operations. WSB has oil extracting equipment and pumps to remove oil from engines and gasoline from gas tanks prior to dismantling.
7. (N/A)
8. Our location for dismantling is our shop located at 1555 Eastlake Drive, Kelseyville, CA where we have a concrete containment pad. All dismantling would take place on the containment pad where we will prevent all fluid and solids from leaving the containment pad. Our fluid discharge prevents any fluid discharge to the storm drain system. All residual hazardous materials within the pad will be properly recycled or disposed of upon completion of the dismantling. Braito's Marina has a licensed oil recycling and containment area. We employ the services of Asbury Environmental Services to remove all oil, filters and contaminants that we collect when necessary. Braito's Marina also has a septic pump out station if there is a septic holding tank in a boat that is being dismantled.
9. N/A
10. Dust and debris from demolition will be minimized. We will discontinue dismantling operations outdoors when there are high winds. All debris will be contained in containment area and disposed of properly.

11. All appropriate abatement measures for contaminants such as lead based paints, polychlorinated biphenyl-containing electrical equipment and asbestos will be in place prior to dismantling.

Project Understanding and Approach. WSB has a complete understanding of the vessel recovery and salvage business. We have been in business doing this type of work since 2006. We have completed numerous projects directly involving abandoned, wrecked and dismantled vessels on-land and on-water. We have provided these services for individuals, businesses as well as the County of Lake. We fully understand the commitment it requires to successfully complete a job of this nature. We are also fully committed to protecting the environment and recycling as many of the boat parts as possible. As mentioned in the Scope of Work, WSB is located at Lake County’s largest marina that has all the appropriate facilities needed for this type of work. WSB also owns the proper equipment for this type of work and is willing to purchase more equipment as needed.

Staffing Organization and Qualifications. Ryan and Pilar White are the owners of WSB and make all scheduling/planning decisions. Ryan is a certified Marine Mechanic and has 20+ years of work experience on Clear Lake. We currently have two employees who can assist with various aspects of the proposed project. Sub-Contractors will also be hired when needed. These contractors include, but are not limited to, Bullfrog Diving Services (707) 349-9012, Bob Braitto (707) 279-4868, Aqua Marine Construction (415) 533-1333, and Young’s Automotive and Towing (707) 279-0116.

Project Fee and Schedule. Refer to Scope of Work A, B & C, # 1 & 2. Invoices shall be periodically submitted up to August 1, 2018, at which point the contract award shall be completely expended.

<u>Issue</u>	<u>Time range per issue</u>	<u>Number of issues per week</u>
Navigation hazard	8-24 hrs	1
Marine debris	8 hrs	5
Vessel salvage	10 hrs	4

<u>Salvage fees</u>	
Labor cost per hour	\$125.00
Labor cost per hour on water with work vessel (s)	\$300.00
Towing cost per hour (land or water)	\$300.00
Diver cost per hour	\$350.00
Office management cost per issue	\$200.00
Hazardous waste disposal per issue	\$30.00
Landfill Dump fee per issue	\$30.00
Barge crane cost per hour	\$300.00
Materials cost per issue	\$200.00
Storage cost per issue	\$25 per day

