

Clean Vessel Act Site Visit Record

SAV Date:	2/21/2020
DEQ Staff:	Cheryl Dirck, Office of External Affairs Jonathan Schulz, Environmental Complaints and Local Services
Marina Name:	Evergreen Marina
Marina Address:	113 E. Bk 800 Rd.
City/County/State/Zip:	Stigler, OK 74462
Marina Contact Name/Phone:	*Suzanne & Dustin Krohmer, (405) 831-7500/(405) 831-2400
Date of Award/Award Number:	June 26, 2019/F19AP00437
Amount of Award:	\$267,750.00

On November 10, 2018, Evergreen Marina applied for CVA grants for two projects – (1) construction of a mobile pump-out boat and (2) construction of a stationary, vacuum pump system on the dock and public restroom upgrades. Both projects were awarded grants on June 26, 2019 – Project #1 for \$76,125.00 and Project #2 for \$267,750.00. This report is for Project #2.

Evergreen Marina is located approximately 19 miles northwest of Stigler, OK, north of Highway 71 and Highway 9. Lake Eufaula is the largest lake in Oklahoma and Evergreen Marina is located in the northeastern portion of the lake (Latitude 35.290644, Longitude - 95.375627 degrees). It has 120 boat slips with 100 of those slips housing boats greater than 20 feet. Approximately 40% of the boats at the marina contain on board sanitary facilities. The closest pump out facility is 4.87 miles to Duchess Creek Marina

Dustin and Suzanne Krohmer, purchased Evergreen Marina in April 2018. After two summers they realized the marina needed many repairs and upgrades to the public restrooms and pump-out system to satisfactorily take care of their customers. The problems were exacerbated by flooding between April and July 2019 and a tornado that struck the marina in June 2019. They requested Clean Vessel Act assistance to purchase an on shore vacuum pump system by Shore, SaniSailor Vacuum Pump System. Pump-out waste will be discharge to septic tank on land. The new system has a high vacuum capability to eliminate the need for a separate lift station. It can pull solid waste at a heavier weight and a longer distance. It will also be more efficient, saving water and electricity. It does not have to add water to make it flow. It will be fully automated and only turn on while it is full, saving electricity. At this time the marina has a sewer smell from the existing holding tanks and pump house on shore. The new system will eliminate this smell. It will be accessible to all recreational vessels. Signs will be displayed at the location. A brochure will explain the regulations and procedures as well as the environmental benefits of eliminating sewage the proper way to keep Oklahoma lakes clean.

On February 21, 2020, Cheryl Dirck and Jonathan Schulz visited Evergreen Marina to ensure Project #2 was completed according to the grant. The Krohmers replaced the old vacuum pump-out system on the dock with a new one, installed new hoses underneath the marina to move sewage

from the restrooms to the on-shore septic tank, and installed new toilet facilities in the restrooms. DEQ did not require any permits during his construction of the new pump-out system. It appears Project #2 was completed according to the grant application. See Photo Series #1 through #3.

For Project #1, Mr. Krohmer explained that building a pump-out boat from scratch is his preferred option rather than purchasing a fully equipped pump-out boat. It will be less expensive and be designed more for his needs at the marina.

When a boat needs to be serviced, the owner will contact the Krohmers, who will dispatch the pump-out boat to the requesting vessel. The pump-out lines will be connected to the requesting vessel's holding tank and the sewage will then be pumped into the holding tank on the pump-out boat. When the holding tank on the pump-out boat is full, it will be connected to the Krohmer's hauling tank for transport either to the Eufaula Cove Marina for disposal in their septic system as authorized under OAC 252:645 or to the Eufaula Wastewater Treatment Facility for disposal.

Jonathan explained that in accordance with OAC 252:645, the marina would need to obtain a permit to operate the pump-out boat and that the Krohmers would be required to take a class and complete annual training. Additionally, in accordance with OAC 252:645, the hauling truck will need to be permitted. Mr. Krohmer was unaware these permits were needed, but expressed his willingness to obtain these permits. Jonathan stated he would email the regulatory requirements to Mr. Krohmer.

Photo Series #1. Evergreen Marina 2-21-20
New Pump-out system



Photo Series #2. Evergreen Marina 2-21-20

New Hoses installed under the dock and attached to the bridge to the septic system on shore

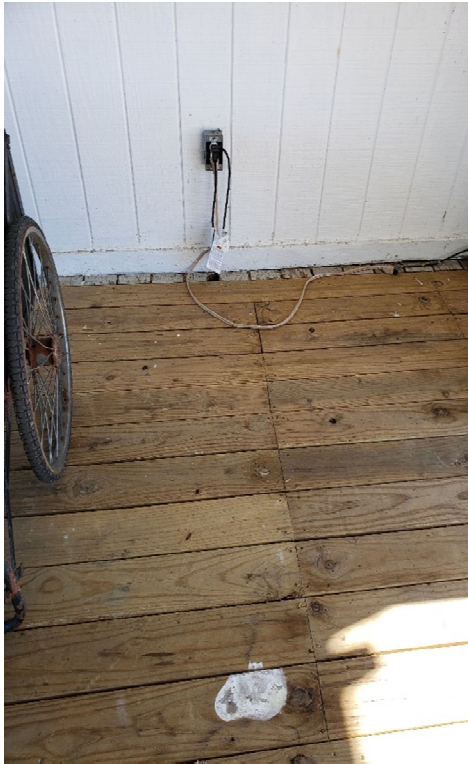


Photo Series #3. Evergreen Marina 2-21-20

Men's Bathroom - 2 urinals & 1 commode & 1 sink



Women's Bathroom - 2 commodes & 1 sink

