



Trout Valley Restoration Society  
 67 Bluff Road  
 Trout Valley, IL 60013  
 troutvalleypandrsociety@gmail.com

The Society is seeking final approval to install a Mosquito Killing System (MKS) at the river front prior to mosquito season gets in full swing. The system needs 4 to 6 weeks to effectively eliminate the mosquito population. The system needs to be installed and ready to use by early May in order to have time to work. I have heard the boards concern about safety of deploying the system in an area that the co2 tank can be messed with by kids that are in the park. I have two suggestion that will minimize the ability of vandals to damage the system.

### Eastern Street light at the basketball court

This is the best location for the optimal effectiveness of the system as it will be most visible to the mosquitos. Additionally, there is a readily available source of electricity at the light pole. The actual MKS will be mounted to the bottom pole of the streetlight with the co2 tank be housed in a locked enclosure. Below are two examples of the enclosures for the CO2 tank



4 Cylinders - Large Tanks -  
 Outdoor - Vertical Storage -  
 Green - Gas Cylinder Cabinet



Model PRICE: \$550.00  
 #CBESTS4SC

This gas cylinder cabinet holds four gas cylinders of 9.5" diameter or any equivalent combination of cylinders depending on cylinder diameter. This fully-welded cabinet is made with a steel panel laser-cut door and side with ventilation holes and a solid panel roof. The door has a lockable latch. Inside is the E-track strapping system to secure the cylinders with the included 4ft E-Hook ratchet strap. Usable Floor Dimensions 22" w x 21.5" d. Ground level door opening is 12" wide. Overall Product Dimensions (WxDxH): 24" x 24" x 71"

Status: Built to order  
 Shipping: Ships 2-3 weeks from order date. A tracking # will be sent to you upon shipment.

Cabinet capacity: 4 cylinders of 9.5" diameter or equivalent combination

### South west corner of the lodge

A less effective location for the MKS is mounting it on the exterior of the lodge and store the co2 tank in the utility room of the lodge and run the co2 line thru the exterior wall to the MKS. This location will be less than 50% as effective as the other location because the visibility of the system by the mosquitos will be 50% obscured by the building itself.

Please let me know if there are any additional questions or comments so I can address them. Please give me a yes or no decision so I have time to get the system up and running in time for the membership to be able to use the mosquito free riverfront.

Thanks  
 David Peterson  
 President

