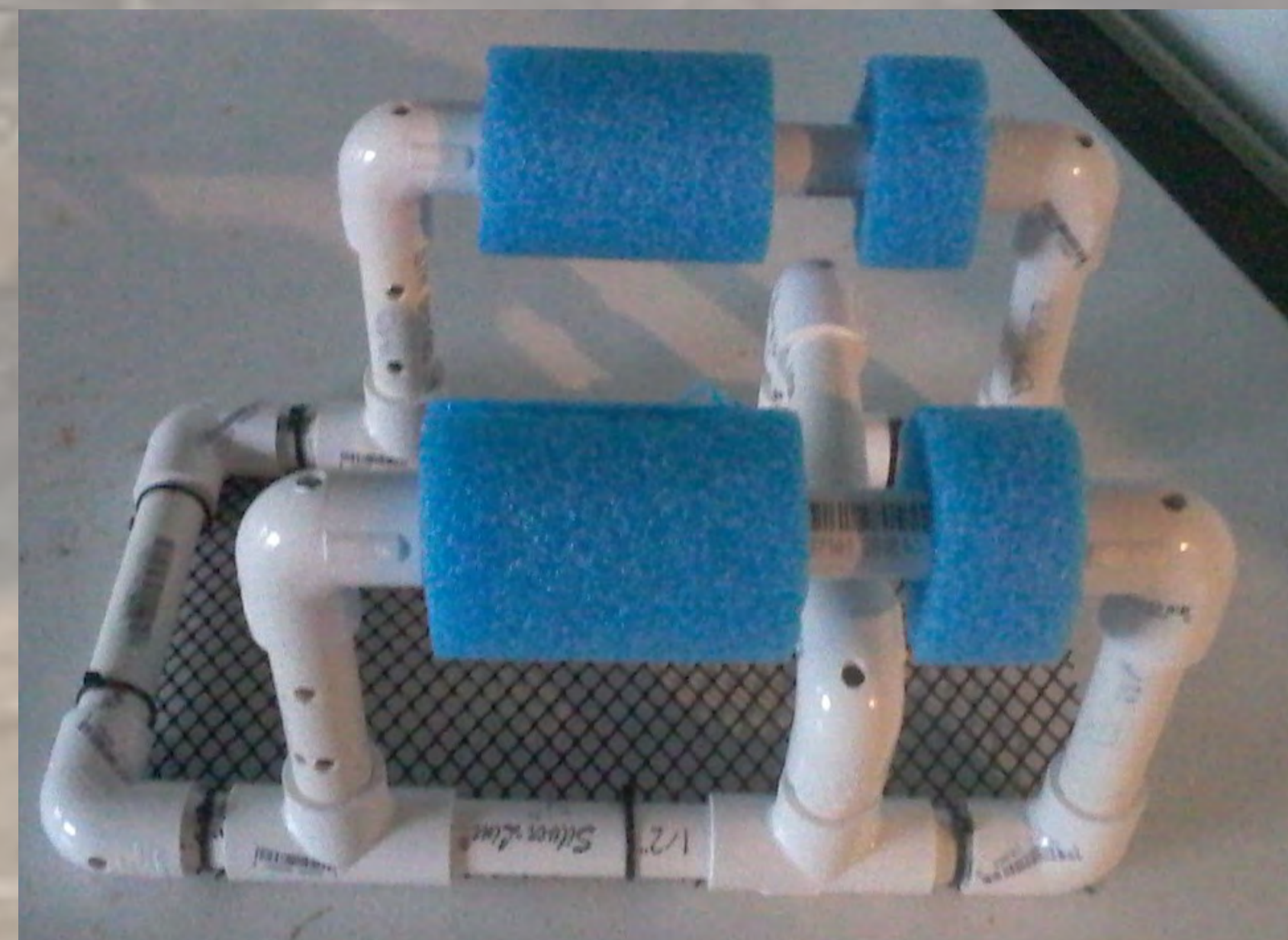


UNDERWATER EXPLORATION AND CLEANUP

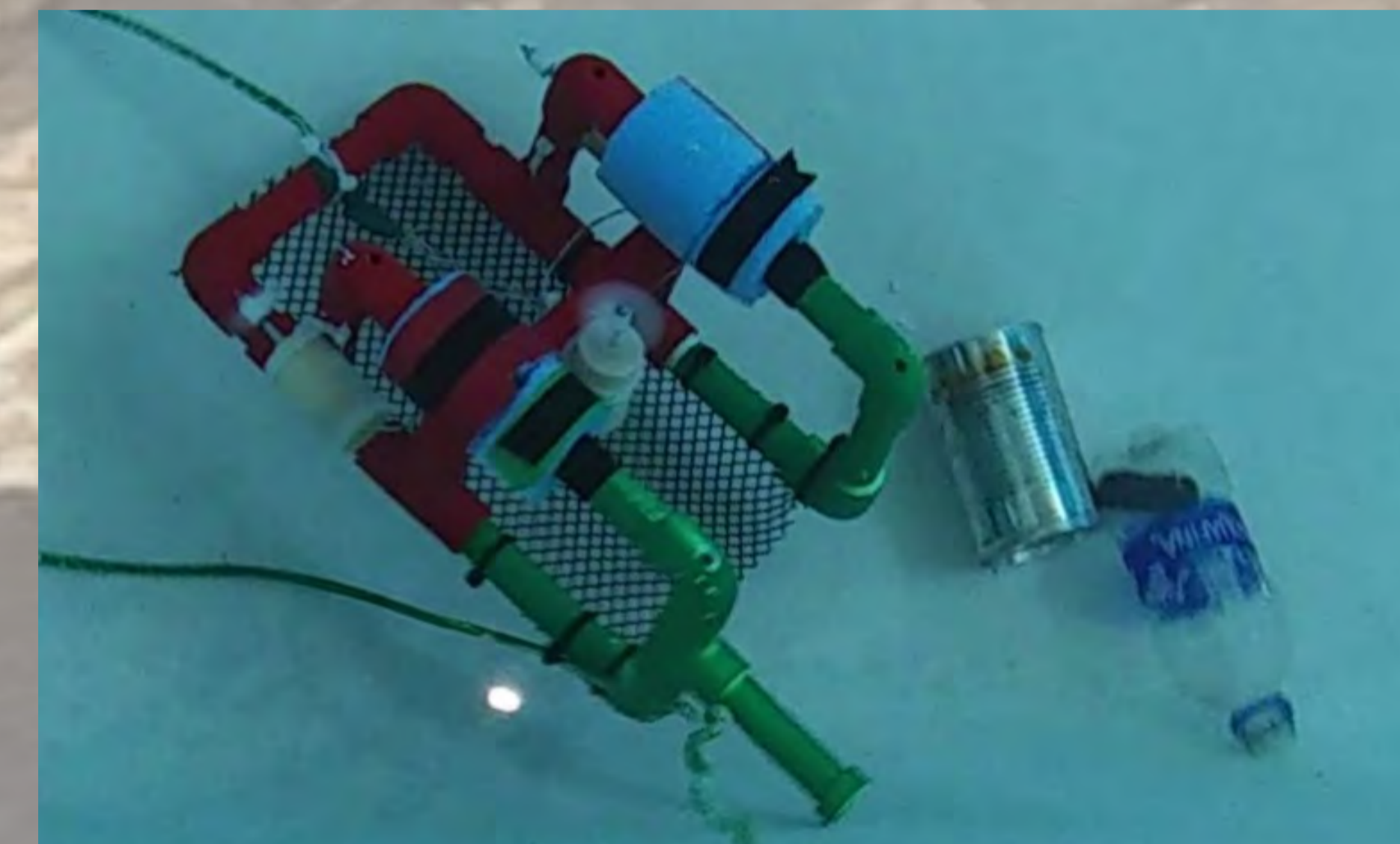
4-H ROBOCLOVERS, MADISON COUNTY, ARKANSAS, U.S.A.

OUR INTRODUCTION TO THIS PROJECT

This project started off with the standard SeaPerch ROV in the SeaPerch competition.



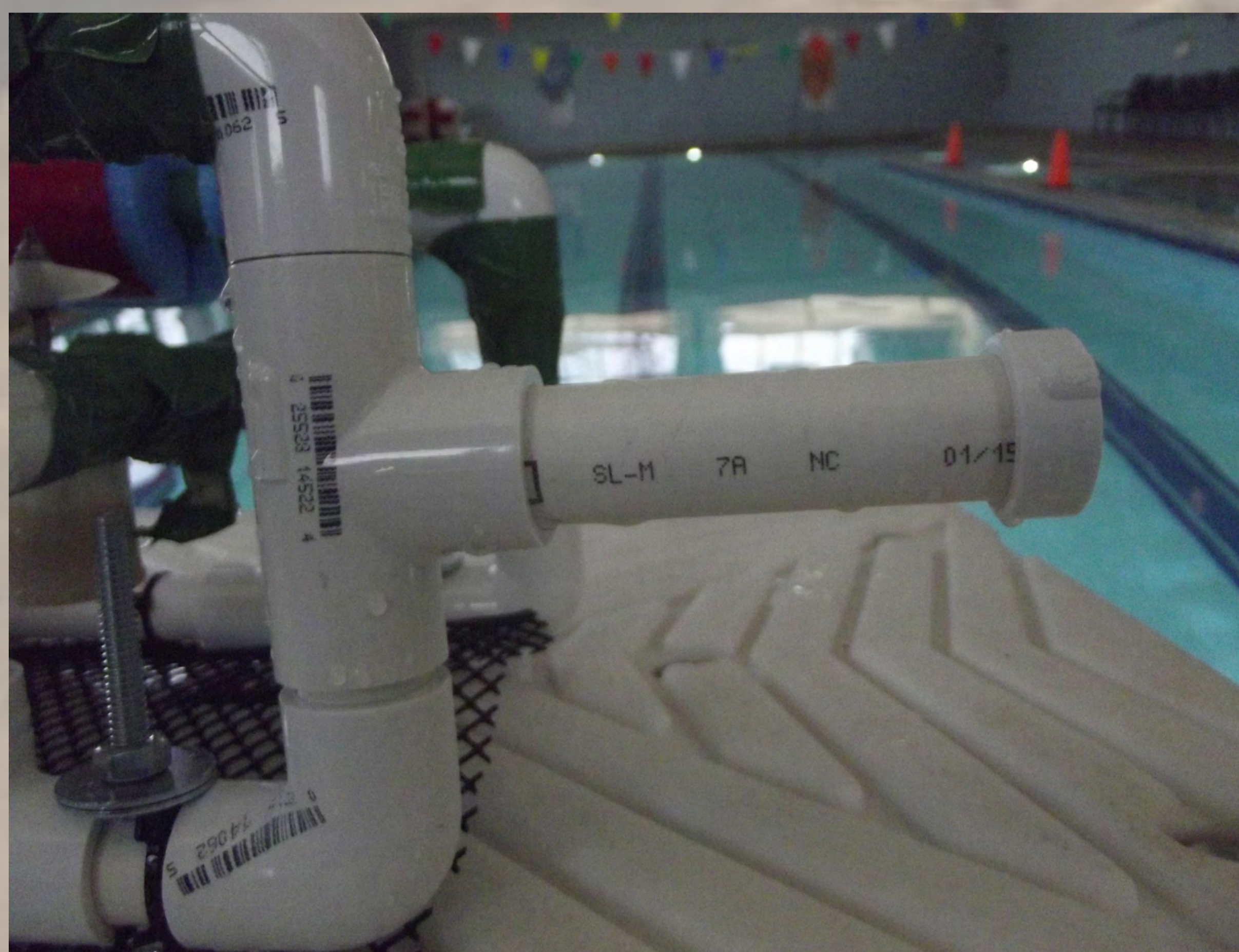
We found out that our ROV could carry trash easily. We easily completed this section at practice.



Madison County, Arkansas, is covered with streams and ponds. We realized that our SeaPerch ROV could be used to explore and clean up these waters.

MODIFICATIONS

The standard cargo net can pick up a lot, but some things can be picked up easier with an arm. We added an arm to our ROV. We also made our ROV smaller so it could maneuver better. Our ROV can now maneuver better than most others.



FUTURE IDEAS

Our ROV can easily explore and clean up a pool, but in natural waterways, where the water is not very clear, we would have to add to our ROV a camera with live viewing.

