

JOB SAFETY ANALYSIS

Safety Information for Seawolf Underwater Robotics Engineering

S.U.R.E.

ROV OPERATIONS IN RIVERS, LAKES, AND DAMS

TASK	HAZARDS	CONTROLS
1. ENSURING PUBLIC SAFETY	Deploying a secondary micro-ROV to inspect a drain pipe for possible dam failure.	Use quality tools to ensure accurate and safe readings.
2. DAM INSPECTION AND REPAIR	Inspecting the foundation of the dam. Inserting grout into the voids underneath the dam.	Mindful of surroundings when inserting objects into the structure of the dam.
3. MAINTAINING HEALTHY WATERWAYS	Installing a new fish/reef ball. Measuring the water temperature. Measuring the pH of a sample. Removing a degraded rubber tire.	Staying aware of contaminants, careful treatment of wildlife.
4. PRESERVING HISTORY	Lifting cannon from surface of pool. Identifying and marking the location of cannon shells on the bottom	Staying aware of the historical value of objects that are being worked with.
5. GENERAL	Slippery surfaces, carrying company property, electrical components.	S.U.R.E. members are required to wear closed toed slip resistant shoes when poolside.
Required Training:	Required Personal Protective Equipment (PPE): Closed-toed shoes, safety glasses	

Other Information:

Contributors:

Created:

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See <https://www.marinetech.org> for more information on the international MATE competition

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