

# Job Hazard Analysis

(Always Wear Proper PPE)

<b>Project:</b>	<b>Superintendent:</b>
<b>Task: Dewatering</b>	<b>Date:</b>

Step	Potential Hazards	Safe Procedures/Crew Responsibilities
<b>Preparation</b>		<ul style="list-style-type: none"> <li>• Designate a Competent Person or persons</li> <li>• Review P3 (Preparation Planning Procedures) and Hazard Analysis with crew</li> <li>• Complete and review STA's daily</li> <li>• Assess location and conditions*</li> </ul>
<b>Excavate for a sump if necessary</b>	Personnel being hit by heavy equipment	<ul style="list-style-type: none"> <li>• Back-up or travel alarms must be functioning</li> <li>• Maintain eye contact with the operator and keep a safe distance</li> </ul>
<b>Set up pumps</b>	Falling or tripping into catch basin or manhole (slips, trips and falls)	<ul style="list-style-type: none"> <li>• Keep unnecessary equipment or spectators away from hole</li> <li>• Keep area around the hole clean and free of trip hazards</li> <li>• Use the right size ladder, inspect and secure it from movement</li> </ul>
	Strain from moving pumps	<ul style="list-style-type: none"> <li>• Train personnel how to move, set, and operate pumps</li> <li>• Use equipment or get help when moving heavy or odd shaped objects, or pumps that are stuck in the mud.</li> <li>• Plan and discuss the move before starting; then be ready to stop and change the plan if it is not working well</li> <li>• Lift with your legs; do not twist your body while lifting</li> <li>• Stretch prior to beginning work</li> </ul>
	Pinched hands and fingers	<ul style="list-style-type: none"> <li>• Be aware of pinch points and surrounding objects</li> </ul>

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<b>Pump water (use proper environmental procedures for brown water)</b>	Electrical shock from pumps/cords	<ul style="list-style-type: none"> <li>• Inspect pumps and cords for defects, and repair or replace as necessary prior to use</li> <li>• Use GFCI's</li> <li>• Trained electrician must ground and connect 3 phase generators</li> <li>• Only trained electricians may repair cords</li> <li>• Do not lift electric pumps by cords</li> </ul>
	Fire while fueling pumps	<ul style="list-style-type: none"> <li>• Shut pumps off and allow them to cool before fueling</li> </ul>
	Being struck by whipping discharge hose or hoses that rupture	<ul style="list-style-type: none"> <li>• Inspect hoses; maintain hoses in good condition</li> <li>• Secure ends of discharge hose</li> <li>• Operations</li> <li>• Make sure there are no kinks in hose and it's placed where intended before start up</li> </ul>
<b>Other Steps (if any):</b>	<b>Other hazards:</b>	<ul style="list-style-type: none"> <li>• <b>Other Safe Procedures:</b></li> </ul> <p><b>* If work is to be performed in a travel way, complete and follow 'Work in Travel Way' Job Hazard Analysis</b></p>