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| Revision #:Written by: | Date: Month DD, YYYYApproved by: |
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| Related Documents:  |  |
| When to use this SWP: | Protecting workers from injuries associated with ponds and wells used on the farm for irrigation and other farming purposes. |
| Hazards & Risks: | Pond* Drowning
* Water Contamination
* Hidden objects that can cause injury such as broken bottles, sharp rocks, or bones.
* Hypothermia
* Insects (Mosquitos)

Pumps* Entanglement
* Chemical exposure
* Electrical contact
* Drowning
* Noise
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| Personal Protective Equipment: | CSA approved PPE based on the task performed. |
| Training Requirements: | Safety Orientation; Signage |
| Communication Process: | Use signs to warn workers and family members the dangers of an open water source on the farm. It is the farmer’s responsibility to ensure that the farm pons is safe as possible. |
| Equipment & Supplies: | * Cell/Smart Phone
* First aid Kit
* Reach assist/Life Saver
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| Practice:* Ensure that all access points to the pond have warning signs (no trespassing, no swimming, no boating, open water) that can be seen at a distance.
* Fence the pond where possible, and lock the gate.
* Do not swim in the well or pond.
* No boating on the pond.
* Piers and boat landings should be well built and securely braced.
* Train workers on water safety.
* In winter, do not go on the ice unless the thickness is tested. Stay off if 4 inches or less in thickness. Ice should look blue to clear before going out on the ice.
* Do not drink from the well or pond unless confirmed the water is suitable for drinking.
* Have a rescue station with a first aid kit and life saver close to the pond.
* Establish rules for the pond and post them.
* Do not allow children to play near ponds or wells.

Irrigation Pumps:* Read the owner’s manual of the pump or irrigation system before use.
* Inspection the pump and irrigation system before use.
* Ensure the maintenance meets the manufacturers schedule and performed as outlined.
* Do not maintain or repair the pump or system of it is energized. Lock out and tag out prior to maintenance.
* Do not modify the pump or irrigation system.
* Ensure all moving parts on the system are guarded.
* Look for signs of structural failure in irrigation systems.
* Do not allow workers to climb irrigation systems unless there is a designate ladder to do so on the system.
* Do not allow the irrigation system near overhead powerlines.
* Do not touch the irrigation system if it is spraying water on powerlines.
* Do not drink from hoses attached to pumps or an irrigation system.
* Keep away from high pressure water.
* Erect signs where pumps could start automatically.
* Ensure there is an emergency shut off system or disconnect system for pumps and irrigation systems. Test that the system works.
* Ensure paths to the emergency stop and disconnect system are unobstructed.
* If the irrigation system is self-propelled, keep out of its’ path of movement.
* Check pump and irrigation systems for fuel leaks.
* Weather proof any electrical components of the pump or irrigation system.
* Ensure the system is electrically grounded.
* Follow the National Electrical Code if applicable for the pump or system.
* Stay away from irrigation systems if there is an electrical/lightning storm.
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| EMERGENCY PROCEDURES: | In case of emergency, contact 911 and the farm owner immediately. Remove yourself from harm’s way and ensure no one else is at risk.  |