



Aquatics – Kinsmen Water Park Vertical Pump Cleaning

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Signature: _____

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Purpose:

To outline how to safely clean the KWP vertical pump strainer baskets.

Scope:

All City of Prince Albert employees and contracted, certified scuba divers.

Hazards:

- Minor Injuries
- Entrapment
- Electrocutation
- Drowning
- Sudden Death

General Work Procedure:

When the pool is empty:

1. Vertical pumps should be locked out at all times the pool is empty.
2. Remove grate into the pit under the slides.
3. Remove each basket, clean, and replace.

When the pool is full:

1. Turn off pumps for slides. Lock out the vertical pumps. Give the keys to the scuba diver.
2. Remove the grate into the pit under the slides.
3. Scuba diver should inspect their equipment prior to diving.
4. A lifeguard must enter the water with goggles and be at the bottom of the river ride in order to see the scuba diver in the pit under the pump house. A lifeguard must also be on the deck.
5. Scuba diver must remove each basket and give to staff on the deck.
6. Staff on deck must clean all debris off the strainer baskets.

7. Scuba diver should use pool skimmer head to clean debris from bottom of pit and around impellers.
8. Scuba diver must replace strainer baskets over impellers. Ensure anodes are attached.
9. Replace grate.
10. Lifeguard and scuba diver must exit water.
11. Unlock vertical pumps.
12. Skim debris off surface of pool and from bottom.
13. Turn on slides if necessary.

To clean the strainer basket:

1. Pull off debris with a metal brush.
2. Hose the strainer basket.

Emergency Rescue of Scuba Diver:

1. The lifeguard in the water will know the scuba diver needs assistance if:
 - a. The scuba diver is not moving and appears unconscious.
 - b. The scuba diver has indicated they need help.
2. The lifeguard on deck will call 911 and signal to other available staff members of a major emergency (1 long whistle blast).
3. The lifeguard in the water will enter the pit, and remove the scuba diver into the regular pool area.
4. If the lifeguard cannot accomplish this in 1 breath, other lifeguards will assist.
5. Remaining rescue as per ERP.