



November 9, 2017

**Facility Name:** Camas Municipal Pool

**Address:** 120 NE 17<sup>th</sup> Ave Camas, WA 98607

**Type:** General use swimming pool/wading pool

### Reopening Swim Season 2018

The following information is based on a site inspection conducted on November 7, 2017 to evaluate the current condition of the Camas Municipal Pool. To ensure the safety of the public and to be in compliance with Washington Administrative Code (WAC) 246-260, the following updates are required to be completed before opening for the 2018 swim season. Prior to starting the work, a [remodel inquiry form](#) must be submitted to Clark County Public Health.

#### Barriers

1. The existing fence mesh surrounding the main pool is in poor condition and is in need of replacement. The mesh is rusted and has become detached causing holes in the fencing and sharp points sticking out. When replacing the mesh, fence mesh must be less than ¼ inch to meet WAC 246-260-031(4).



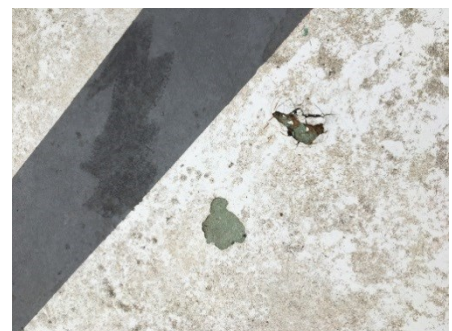
#### Filters



2. The filter media needs to be replaced. At the time of replacement the condition of the filters should be evaluated by a licensed professional due to severe corrosion.
3. The filter must have a rate of flow indicator and gauge(s) for monitoring backpressure on filter.

### Pool Surface

4. The surface of the main pool is showing significant wear including portions of the surface that are lifting, creating abrasive patches, and cracking throughout the pool that creates sharp points. Due to the extent of the damage, the main pool must be resurfaced. Painting over the current surface is not sufficient as the surface will continue to lift.
5. Once resurfaced the pool must be a white or light color finish.



### Equipment & Chemical Storage

6. Chemicals are currently stored in separate, unsecured locations throughout the building. Cleaning chemicals and pool treatment chemicals should be stored in a location that can be locked to prevent unauthorized access from the public.

### Walking Surfaces

7. The stairs leading out of the lockers rooms to the pool deck are rough and abrasive for bare feet. Provide new nonslip tread for the stairs.

### Recommendations

8. The integrity of the structure should be evaluated by a licensed professional due to the water damage the building has undergone.



9. An emergency eye wash station should be provided that meets L&I requirements for staff to access when working with sodium hypochlorite and other pool treatment chemicals.
10. Additional ventilation should be provided in the pump room to reduce corrosion.

## Remodel Plan Requirements

The following information is a preliminary overview of the required updates the existing recreational water facility will need to complete to become in compliance with the current Washington Administrative Code (WAC) 246-260. This overview does not cover all items as design plans have not been submitted. A full review will be required to determine compliance when the plans for the renovation are drawn and submitted to Clark County Public Health.

### General Facility Design

#### Walking Surfaces

1. The deck should slope away from the pool with a slope between  $\frac{1}{4}$ " /ft (2%) and  $\frac{1}{2}$ " /ft (4.1%).
2. The deck should be equipped with sufficient drains to prevent standing water.

#### Barriers

3. Barriers shall be at least seventy-two inches high and must meet all requirements listed under WAC 246-260-031 (4).

#### Pool Surface

4. The surface shall have a white or light color finish and conform to ANSI/NSPI-1 2003 Standards for Public Swimming Pools.

#### Inlets

5. The inlets shall be located on the bottom of the swimming pool and in a way to produce uniform water and chemical circulation throughout the pool.

#### Outlets

6. An overflow channel on the perimeter of swimming pool is required and must be sized sufficient to carry one hundred percent of the recirculation flow plus the surge flow without flooding the overflow channel.
7. The overflow channel must provide skimming action of the upper water layer and be designed to prevent all matter entering the channel from returning to the pool.
8. The main drains must meet all requirements listed under WAC 246-260-031 (8)(e).

#### Pumps

9. The recirculation pumps are to have adequate capacity to provide design flows for the entire operating and backwash cycles of the filter.

#### Pool Appurtenances

10. Handholds, handrails and step holes must meet the requirements listed under WAC 246-260-031(11).
11. Stairs must be recessed into the side of the pool for lap swim.

#### Balancing Tanks

12. Balancing tanks must be provided, adequately sized to prevent air lock in the pump suction line, and have sufficient capacity to prevent flooding of the overflow channel.

#### Equipment & Chemical Storage

13. The equipment room must have a minimum access area three feet wide around equipment.

14. A separate chemical storage area or room must be provided that conforms to manufacturer's requirements for each chemical used in the pool area.

#### **Filters**

15. The filter must meet the applicable standards of NSF or equivalent.
16. The filter must have a rate of flow indicator and gauge(s) for monitoring backpressure on filter.

#### **Disinfection Equipment**

17. The disinfection equipment must conform to NSF standard 50.
18. Chlorine rooms must have mechanical exhausting ventilation that meets all requirements listed under WAC 246-260-031(17)(e).

#### **Chemical feeding equipment for pH control**

19. Chemical feeding equipment for pH control must be provided.

#### **Restrooms, shower rooms, and plumbing fixtures**

20. Locker rooms must meet all requirements listed under WAC 246-260-031(20).
21. Hose bibs with vacuum breakers shall be provided around the pool deck at a maximum spacing of one hundred fifty feet and accessible to each locker room; and within the equipment room.
22. Provide a drinking fountain conforming to ASA requirements.
23. Restroom facilities must be located convenient to and no further than one hundred feet away from the pool.
24. Shower facilities must be located convenient to and no more than one hundred feet away from the pool and meet all requirements listed under WAC 246-260-031(21)(g).

### **Swimming Pool Design**

#### **Walking deck surfaces**

25. The walking deck surfaces must be at least six feet wide around the entire perimeter of the pool and must provide a surface area of at least sixteen square feet per bather.

#### **Pool general floor and wall dimensional design**

26. The pool dimensional design for the floor and walls must meet all requirements listed under WAC 246-260-041(3).
27. There are additional design requirements for diving boards/platforms, starting blocks and water slides if provided.

#### **Turnover**

28. The water treatment recirculation rate must completely turn over the entire pool water volume in six hours or less.

## Wading Pool Design

### Walking Surfaces

29. The walking deck surfaces must be four feet or more wide and must provide a surface area of at least sixteen square feet per bather.

### Wading pool floor and wall dimensional design

30. The wading pool dimensional design for the floor and walls must meet all requirements listed under WAC 246-260-071(2).

### Turnover

31. The water treatment recirculation rate must completely turn over the entire wading pool water volume in three hours or less.

If you have any questions, please feel free to contact me directly at (360)397-8428 ext. 7275 or via email at [Christine.Harper@clark.wa.gov](mailto:Christine.Harper@clark.wa.gov).



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Clark County Environmental Public Health – Recreational Water Program