

Attachment VIII

Summary of Issues at Seven Canyons Fountain in Liberty Park

From Salt Lake County Health Department:

1. Violation 4.12.1 Access Barriers – Required
As the "wading pool" area of the feature has at least 12 inches of standing water when the feature is open and operational the feature is required to have an access barrier that is at least 6 feet in height with a self-closing and self-latching gate to provide complete perimeter security. Openings through the fence or barrier, shall be rigid enough to prohibit a sphere greater than 4 inches from passing through it at any location. This is to help prevent a drowning incident. Also violation of Utah State Pool Rule R392-302-14-Fencing.
2. Violation 4.16.2 Outlets – Existing Pools
The "wading pool" area of the feature is not currently compliant with federal law-- Virginia Graeme Baker Pool and Spa Safety Act (VGBA)--as it only has a single main drain with a drain cover that is also not VGBA compliant. Also violation of Utah State Pool Rule R392-302-18-outlets.
3. Violation 4.28.4(iii) Interactive Water Feature – No Ponding
Water from interactive water feature ponds on the floor in the main pool area approximately 12 inches deep while the feature is open and operating which is currently a drowning hazard. Also violation of Utah State Pool Rule R392-302-31(6) (d)Special Purpose Pools.
4. Violation 4.28.4(vi) Interactive water Feature – ORP Controller Required
Interactive water feature lacks required secondary disinfection system which shall be in operation whenever the feature is open for use. Also violation of Utah State Pool Rule R392-302-31(6)(f) Special Purpose Pools.
5. Violation 4.28.4(v) Interactive Water Feature – 3-Foot Wide Deck Required
Interactive water feature lacks a continuous unobstructed deck at least three feet wide all the way around it. Also violation of Utah State Pool Rule R392-302-31(6)(c)

Additional Issues Identified by the Administration:

6. Salt Lake City Staff & KSL News – Hot Synthetic Turf
Synthetic turf has been placed in the landscaped area above the fountain to control erosion and to prevent organic matter from entering the fountain area. The turf gets extremely hot in direct sunlight during the summer months. See related news article <https://www.ksl.com/index.php?sid=45066889&nid=1171&title=artificial-turf-temperatures-too-hot-for-young-athletes-ksl-investigates>
7. Salt Lake City Staff & CPTED Principles
Upper landscape area of the fountain is not CPTED compliant. There are many hiding places that are conducive to crime and drug use. CPTED = Crime Prevention Through Environmental Design

8. From CEM Aquatics – Rock/Rock-like Feature Safety Violations

The existing rock and rock-like features in and adjacent to the 7 Canyon stream beds are in violation of the code as it relates to an Interactive Water Feature. The rocks appear to be too tall, too closely spaced and too jagged to meet the minimum standards for interactive play in water features. Our assessment is that it would take extensive changes and reworking of the rock and rock-like & Canyon stream beds in order to make them code compliant. Essentially they would need to be torn out and redone.

9. From CEM Aquatics – Water Feature Safety Hazards

The existing water feature has water falls, site walls, rocks, etc. that allow for fall distances in excess of the building code requirements as well as sharp edges, and other safety hazards. The code states “All parts of the interactive water feature shall be designed, constructed, maintained, and operated so there are no slip, fall, or other safety hazards, and shall meet the standards of the construction code adopted by the Utah Legislature under Section 58-56-4”