Conventional Domestic Single-Pass System

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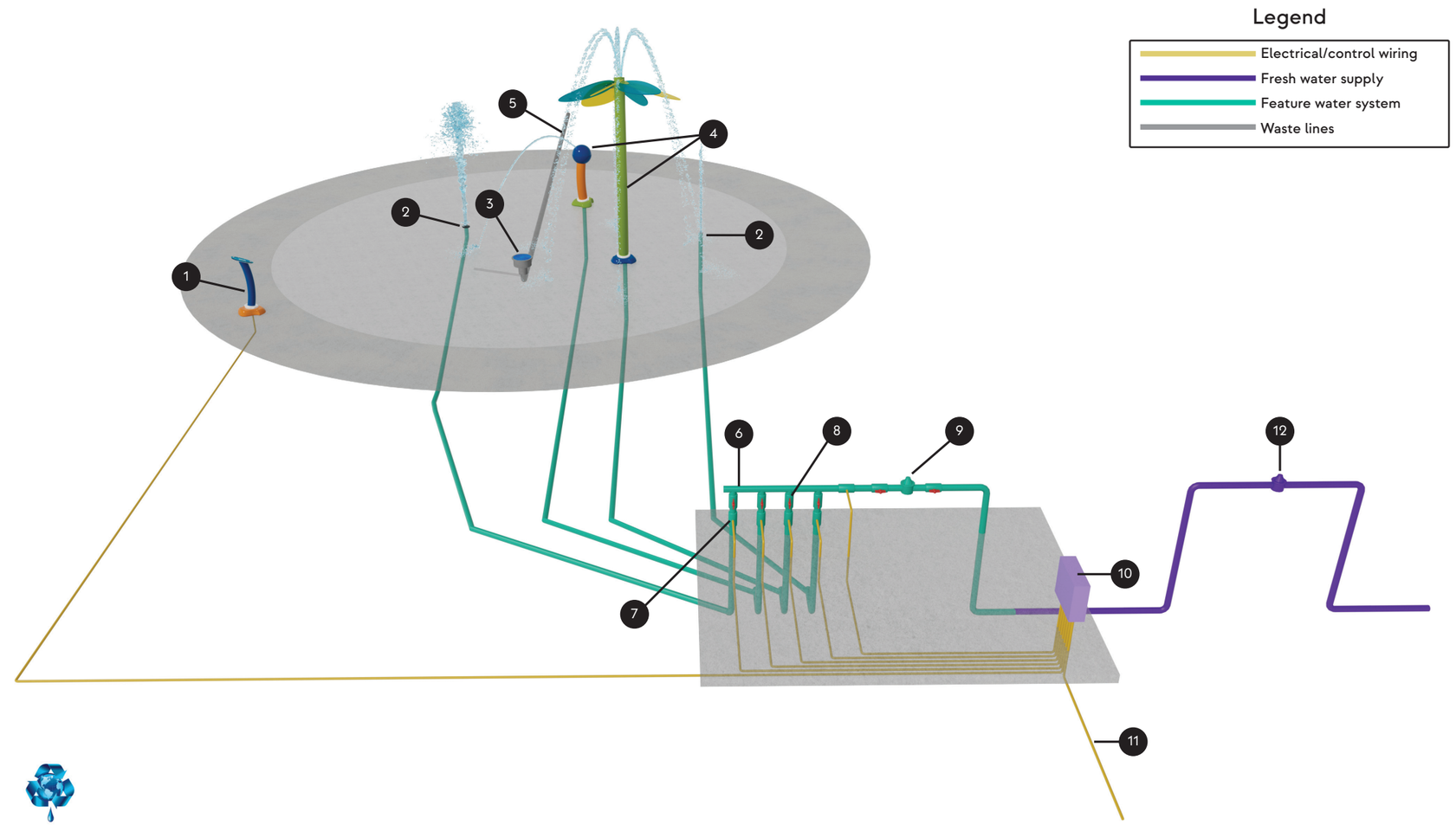
Design a cost-effective splash pad when water consumption is unregulated using a domestic single-pass system. Ideal for limited use and/or minimum water consumption, you can also reclaim water by routingto a retention pond and reuse for irrigation. Choose from above-ground enclosures or below-grade vaults.

1. **Activation bollard**
   Touch-post activator
2. **Ground spray**
   Flush spray feature with nozzle effects
3. **Drain-to-waste box**
   Carries splash pad water to wastewater
4. **Aqua play features**
   Above-grade spray features with various water activities
5. **Drain-line to waste**
   Carries wastewater to sanitary or storm system or retention pond
6. **Distribution manifold**
   Pre-plumbed and pre-fabricated with winterization blow-out port
7. **Solenoid valves**
   Optional on each feature for sequencing of events
8. **Manual valves**
   Used to manually control each spray feature's height and distance
9. **Main solenoid valve**
   On/off control for splash pad main water supply
10. **System control panel**
    UL-listed controls for total system and feature operation, including hours of operation, duration, events sequencing and on/off controls
11. **Main power supply**
    Typically 120 V, Single Phase, 60 Hz power feed
12. **Main water supply**
    Municipal water supply with pressure regulator (20 to 30 psi) and back-flow preventer

Optional equipment:
Above- or below-grade equipment enclosures and water re-purpose reservoir



Environmentally Friendly