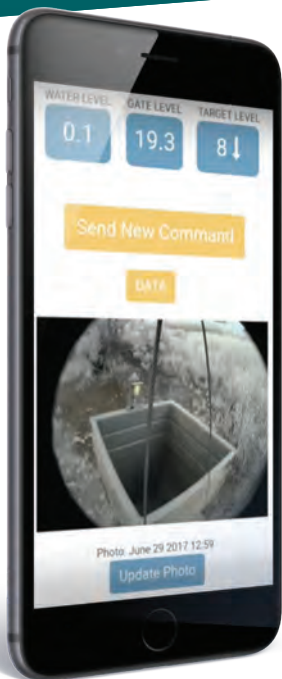




An Innovative Batch Detention System that meets **EDWARD'S AQUIFER'S WATER QUALITY REGULATIONS**



Finally, a prepackaged batch detention and drainage system is here.

The **smartBATCH** detention system is a prepackaged, easy to install, automated water control valve that regulates stormwater depth and meets batch detention requirements per the Texas Commission on Environmental Quality's Edwards Aquifer Protection Program (EAPP). It functions by rotating 90 degrees to open and close a valve which is connected to the outfall pipe. The valve is pre-programmed to hold water for 12 hours, as required by TCEQ EAPP Section 3.2.17, then rotates slowly over a 48 hour period to drain the pond empty. Once empty, the valve returns to its upright and closed position in anticipation of the next storm event. Fundamentally, smartBATCH allows suspended pollutants to settle out of the detained water body, then releases the cleanest water from the top of the pond.

Monitoring and full system controls all right at the tip of your fingers.

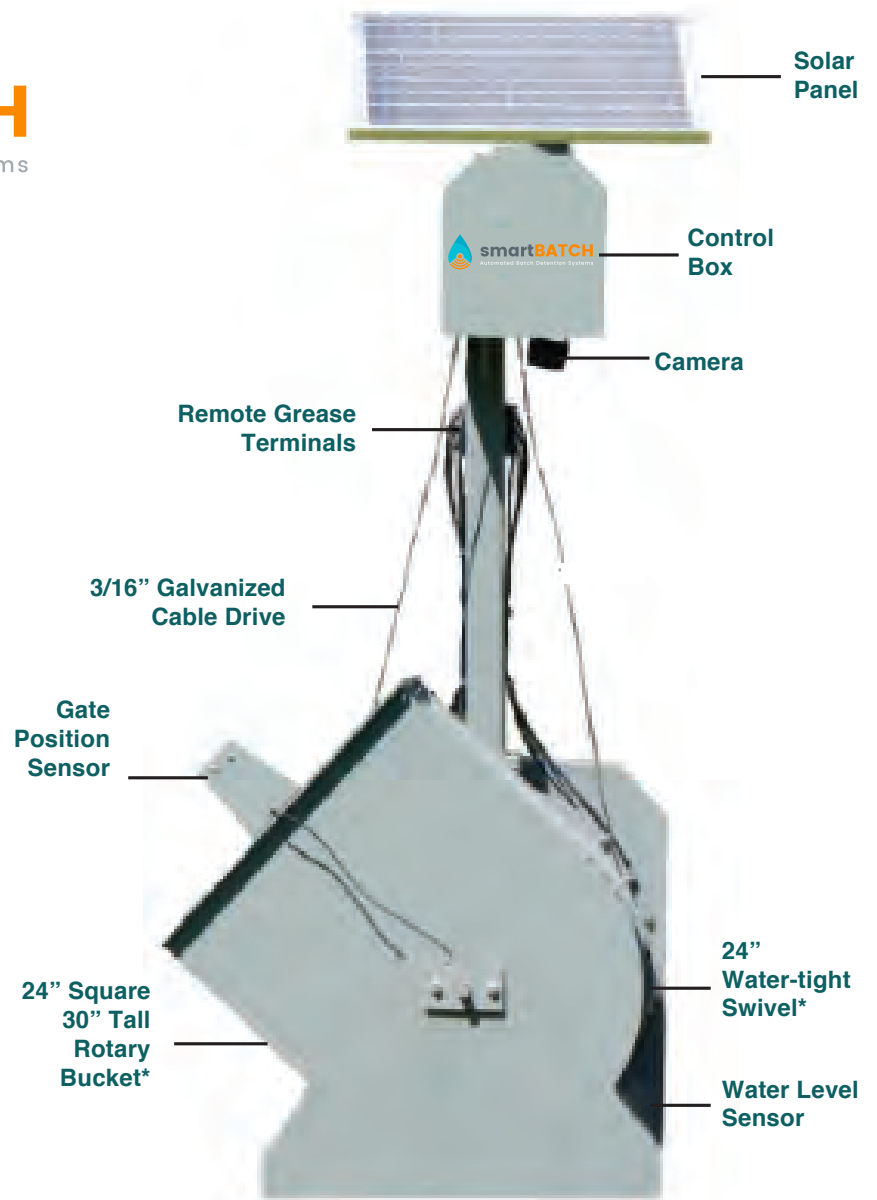
smartBATCH takes passive stormwater controls and gives them brains, allowing for both pre-programmed stormwater management and application-based real-time controls right from your phone. Routine inspections can be monitored remotely with the smartBATCH onboard camera, giving owners and 3rd party operators instant feedback on the condition of the system. Automated processes also make users aware of upcoming system maintenance needs, sending alerts to users' smartphones/e-mail with advance notice of battery, solar panel or other component maintenance needs within a predetermined time frame. smartBATCH is the intelligent choice for your batch detention system.



smartBATCH
Automated Batch Detention Systems

KEY BENEFITS:

- 91% TSS removal
- Greater efficiency & effectiveness over sand filters
- Maintains settling pond benefits while dewatering
- Advance or real-time programming of flood and dewatering events
- Real-time data – water levels, gate position, temperature, photos, maintenance needs and more
- Tough and versatile design



* Scaled to pond maximum depth and outflow pipe size

ABOUT CONSTRUCTION ECOSERVICES

We Are Stormwater Quality Specialists

Construction EcoServices is focused exclusively in the stormwater marketplace. Our business units provide solutions involving turnkey compliance assurance services, engineering sub-consultancy and cutting-edge stormwater management systems to all segments of the development, design and construction markets where those pursuits intersect with the rapidly evolving stormwater regulations. Our broad experience, commitment to excellence and emphasis on innovation provide the foundation for our client's trust. We work hard to earn and to maintain that trust.