CASE STUDY

Form Exchange Spotlight: Texas A&M SPCC and SWMP Inspections

Texas A&M's Environmental Team has been leveraging CampusOptics for a wide array of SPCC and SWMP inspections and we are excited to announce that a number of their inspection forms are now available in Form Exchange!

Available Through Form Exchange

- Aboveground Storage Tank (Monthly)
- Hydraulic Compactors (Monthly)
- Hydraulic Elevators (Monthly)
- Emergency Generators (Monthly)
- Cooking Oil Storage (Monthly)
- Portable Storage Containers (Monthly)
- Transformers (Monthly)
- SPCC Technical Amendments (Manual)
- Stormwater Outfalls (Every 6 Months)
- Stormwater Construction (Every 2 Weeks)
- Rain Gauge Inspection (Weekly)

SPCC Asset Inspections

Texas A&M's Environmental Management Team has been using CampusOptics for the past 5 years and tracks virtually all of their SPCC assets and inspections in CampusOptics including aboveground storage tanks, emergency generators, hydraulic compactors, hydraulic elevators, cooking oil storage, portable storage containers, and transformers. The team pinned locations for the majority of these assets, so they can quickly filter mapped locations using the CampusOptics Mobile App. They have also associated photos to a number of assets, to help with identification and condition assessment.

All SPCC plan assets are inspected on a monthly basis using the CampusOptics Mobile App. Issues found during walk-throughs — leaks, missing labels, containment problems — are logged with photos on the mobile app and routed to the responsible contact for remediation. The team also has a dedicated SPCC Technical Amendments inspection form that they use to log newly added assets, which serves as a workflow reminder to update the master SPCC plan and inventory list.

The Environmental Management Team has found CampusOptics dashboards very helpful in managing compliance. They have created one for the main campus, along with separate dashboards for satellite sites such as the health science centers that maintain their own SPCC plans. The dashboards give the team real-time visibility into inspection completion, asset history, and program status across the system. They also leverage the Compliance Calendar to manage non-inspection obligations, and have been using it more heavily as a single source of truth alongside the dashboards.

Stormwater Compliance & Outfall Inspections

Because Texas A&M is its own MS4 permit holder, the Environmental Management Team operates like a municipality — overseeing contractor compliance with TCEQ stormwater requirements, to ensure the contractors are performing their own weekly and post-rain inspections. The team leverages the CampusOptics Mobile App to run regulatory oversight inspections every two weeks at all active construction sites. Inspection findings automatically trigger Issues in the platform, which are sent directly from CampusOptics to the assigned A&M project manager and the contractor's superintendent so both sides see exactly what needs to be corrected before the next visit.

Outfall inspections are anchored to mapped, photo-documented locations so inspectors can find each outfall as vegetation and terrain change over time. Outfall findings are triaged through CampusOptics by type: illicit discharges trigger an Incidents form for environmental investigation, debris and minor housekeeping issues are routed to landscaping via the campus work-order system, and major erosion items are tracked in CampusOptics and surfaced at the annual stakeholders meeting where utilities and campus leadership prioritize larger projects.

A recent TCEQ permit clarification added every culvert and stormwater control structure on campus to the SWMP inspection scope on a five-year cycle. The team will be using CampusOptics to phase the rollout — which will require outfall and construction crews to log new structures during their routes. Separately, animal facility semi-annual inspections live in CampusOptics as documentary evidence that Texas A&M's operations fall below the concentrated animal feeding operation (CAFO) threshold, giving the team a defensible record (feeding practices, photos) to produce immediately if TCEQ asks.