

Secondary Containment Pollution Prevention Structures Installed in Eight States

Locations: AL, KY, MO, NC, OH, SC, VA, WVA

Client: Major Railroad

Contract Cost: \$1,560,000+

PROBLEM

Remtech was authorized by a major railroad to construct pollution prevention and secondary containment pollution prevention and control systems at four railyards in eight states.

SOLUTION

Pollution prevention and containment facilities constructed by Remtech consisted of:

- Earth/Rock Containment and Contact Water Diversion Swales
- New Manholes & Connecting Piping
- Concrete Containment Dikes, Curbs & Headwalls
- Stormwater Containment Weirs with Automated Sluice Gates
- Footings and Columns for Overhead Fuel Pipe Bridges
- Split Casing Secondary Containment Piping
- Automated Fuel Control Valves with Leak Detection
- Hydrocarbon Sensors
- Control Valves & Pumps
- Protective Bollards & Access Grates
- Protective Coatings

COST/BENEFITS

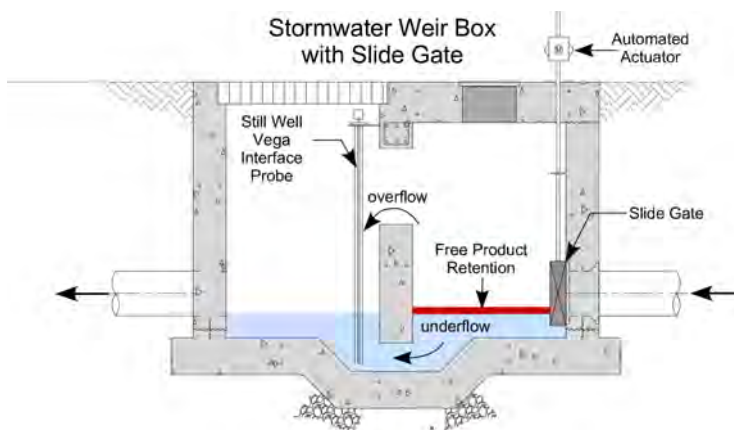
50,000 lb reinforced precast concrete underflow weir boxes and bases were fabricated at Remtech's facility in Atlanta and shipped up to 600 miles. The pre-fabricated boxes were lowered into excavations inside trench boxes. Fabrication of pre-cast structures was considerably less expensive than forming and installing onsite.



Weir Box with Automated Gate Installed at St. Louis Yard



Sluice Gate Installed in Weir Box



Precast Weir Box Lifted onto Flatbed Truck



Weir Box with Automated Gate and Containment Wall Installed at West Virginia Yard



Weir Box with Automated Gate Installed at South Carolina Yard



Construction of Road, Fuel Pipeline with Welded Secondary Containment & Supports, Curbing, and Concrete Rollover Curb



Automated Fuel Valve with Leak Detection Installed at Kansas City Yard



Overhead Pipe Supports & Split Casing Installed at West Virginia Yard



Containment Split Casing Installed On Fuel Line Crossing Stream in Alabama