

Product Spotlight

Atlantis D-Raintank Rainwater Harvesting System Pioneer International Hi-Bred Project

Owner: Pioneer International Hi-Bred
 Designer: Confluence - Landscape Architects; Wahaso Water Harvesting Solutions
 Contractors: Graham Construction and McAninch



The excavation was completed and the fabric and liner was installed.



1,079 Triples Atlantis D-Raintanks were assembled and placed on the a 6" sand layer on liner bottom.



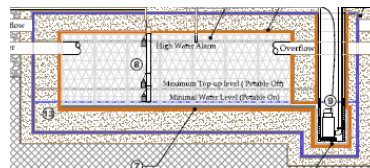
The Atlantis D-Raintanks were then wrapped in fabric and a sand biofiltration layer was placed.



Pioneer Hi-Bred, a DuPont business headquartered in Des Moines, Iowa, is the worlds leading developer and supplier of advanced plant genetics, agronomic support and service to farmers. Innovative and customer focused, Pioneer seeks to increase farmer productivity and profitability, and to develop sustainable agricultural systems for people everywhere.

In the spring of 2011 Pioneer started the construction of an additional six new green houses to the already, high tech germination plant in Johnston. Pioneer engineers, with the sustainability directors of the company, put together a plan to capture storm water to feed their new houses. The project called for constructing a 100,000 gallon Atlantis Modular Rainwater harvesting system. The 50'x200' basin consisted of 1,079 triple Atlantis tanks which were wrapped in a geotextile and encased in a 45 mil. Firestone EPDM impermeable liner. The tank was designed to capture the storm water from rooftops and parking lots, channeled through a CDS system (continuous deflection separation) and captured within the tanks to be irrigated back, supplying the new green houses with clean filtered storm water.

Once the excavation was complete, the project took roughly three days to complete the installation of the liner and tanks. With the technical assistance supplied by ASP Enterprises and Quick Supply Co. starting with the initial lunch presentation with Confluence all the way through to the project pre-bid meeting, installation training and the installation monitoring, the project was a huge success.



Steve Krehbiel, Quick Supply Co.

Tell it like it is!!

We want your feedback?
 What would you like as a part of this newsletter? What civil site solutions can we provide to solve problems you are having? We want to hear it all!!

We would love to hear from you. Email us at news@aspent.com and give us your thoughts. We are always looking to improve our services to our customers.



ASP Enterprises Employee Profile

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Todd Noble joined the ASP family in September as a sales consultant covering mid-Missouri, the Kansas City metro, and north/central Kansas. He has been in the construction industry for 6 years and can assist you with our full line of products. He is excited to be on board and we expect great things from him.

Todd and his family reside in a suburb of Kansas City. When Todd is not coaching his daughter's fast pitch softball team or at his son's football games he enjoys many outdoor activities like hunting, mountain biking, and skiing. Todd can find a good reason to watch any college football game and he remains a proud KC Chiefs fan in good times and bad. Feel free to contact Todd for assistance with your projects. He is looking forward to serving you.