



## IWS Provides WWTP for Sustainable AZ High School Campus

The wastewater treatment plant that IWS recently constructed on the campus of Andrada Polytechnic and Pantano High Schools located just outside Tucson, AZ (10 miles southeast) is part of a sustainable project that is on track for LEED Gold Certification and includes a 1 MW photovoltaic system to help provide the schools power needs. Treated wastewater is being reused for subsurface irrigation on the campus.



*IWS excavates in preparation for setting treatment tanks*

The campus is somewhat unique in that the two high schools share the same campus and the buildings are within 500 feet which makes it an obvious choice for them to share a single wastewater treatment system versus an individual system for each.

Andrada Polytechnic High School is a 600 student, 80,000 SF high school with bioscience, wellness, and transportation academies organized around a central commons. Growth is anticipated for 1100 students. Pantano High School is a 200 student, 14,000 SF alternative high school with an award-winning program specializing in providing a non-traditional school setting for those students having difficulty thriving in a standard high school.

The three month field effort concluded with start-up and sign-off of the system before the schools opened their campus to students. IWS worked closely with the General Contractor, Lloyd Construction Company, Inc. ([www.lloydconstruction.com](http://www.lloydconstruction.com)) to meet the project schedule.



*A view of the installed Orenco Advantex treatment pods*



*The tank area backfilled with the treatment system installation complete*

The project scope of work for IWS included turn-key construction of the treatment system: a) two, 40,000 gallon primary tanks; b) one, 25,000 gallon recirculation tank; c) one, 12,000 gallon dosing tank; eight, AX-100 pods; two, flow meters; control panel; and 9,000 linear feet of Geoflow line.

Jeff Dupuis, Project Manager for Lloyd, worked with IWS throughout the project and was pleased to have it completed on time, "IWS was very professional and worked well with Lloyd. We would welcome the opportunity to work together with IWS on future projects". ●

### For More Information Contact

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