

## Water & Energy Sustainability Center, aka ROMP Lab

### A. Project Specifications

1. Project Summary
  - a. Location *3035 W. El Camino Del Cerro (North of the existing Roger Road Wastewater Reclamation Facility (WRF), on Business Center Drive).*
  - b. Client *Pima County Regional Wastewater Reclamation Dept.*
  - c. Design Firm *Stantec Consulting, Wheat Scharf Associates, HDR (architect)*
  - d. Project Contact *Adam Bliven*
  - e. Project Description (what was built) *A new lab building in support of the existing and future WRF's; sites prepared for future expansion of the lab complex and future linear park.*
2. Project Type (e.g. consider ADEQ list of project types, New or Retrofit) *New*
  - a. Design Features (BMPs, Site Design considerations etc) *Micro-basins, pervious pavement, water harvesting, water features (using storm water), reclaimed water use*
3. What are project goals – stakeholder preferences and/or regulatory goals?
  - a. This project was designed to meet the following regulatory requirements or mandates:  
*City of Tucson - Regulatory*
  - b. This project was designed to meet the following stakeholder preferences:  
*LEED certification – Sustainability Elements*

### B. Cost & Jobs Analysis

1. Estimated cost *\$28 M*
2. Actual cost *On track to complete for approx. \$20M*  
Job hours devoted to project: *TBD*
  - Planning & Design
  - Construction
  - Annual Maintenance
3. LID/GI Costs Compared to Conventional?  
*TBD*

### C. Performance Measures

*TBD*

### D. Project Recognition

*TBD*

### E. Lessons Learned:

1. What aspects of the project are you proud of?
2. What would you do differently?
3. Any other noteworthy aspects of the project?

### F. Additional Information

1. Images



1 Aerial photo during construction, north to the right.



2 Gabion Walls define the micro-basins, equalize and meter the flow.



3 A gabion wall water feature. Roof drainage is piped to the structure, and spills out the distributor box.



4 Native landscaping, reclaimed water irrigation for establishment, and gabion walls to define space and direct storm water.

## 2. Project List