

# THE PIPELINE

## Monthly Newsletter

December 2008

### *Pipeline, an Award-Winning Publication*

#### **Reporters:**

Maggie Alvarez  
Daniel Brown  
Laura Hagen Fairbanks  
Mike Gritzuk  
Steve Harding  
Thom Nielsen  
Mona Orozco  
Melaney Seacat  
Lorraine Simon  
Kurt Stemm  
Cecilia Vindiola  
Lilian Von Rago

#### **Managing Editor:** Laura Hagen Fairbanks

**Editor:**  
Lorraine Simon



### **Mission Statement**

*Our mission is to protect the public health, safety, and the environment by providing quality service, environmental stewardship and renewable resources.*

## **Extension of ROMP Explored**

*by Lilian von Rago*

The Regional Optimization Master Plan (ROMP) is a plan put in place to ensure that RWRD meets Arizona Department of Environmental Quality (ADEQ) mandates pertaining to the quality of effluent we discharge into the Santa Cruz River. We are required to decrease the amount of nitrogen and ammonia in the effluent that we discharge. The deadlines we must adhere to are January 30, 2014 for improvements to the Ina Road facility and January 30, 2015 for the start up of the new water campus near the existing Roger Road facility.

On November 4, Pima County Administrator Chuck Huckelberry wrote a letter to ADEQ Director Steve Owens requesting a five-year extension for completion of the ROMP. The rationale for Mr. Huckelberry's request was a concern that with the downturn in the economy Pima County voters may reject the issuance of 2009 sewer revenue bonds, thus eliminating a primary revenue source for the ROMP.

Without bond funding, Pima County residents would have to shoulder significant increases in their monthly sewer bills. Currently, the average cost for residential sewer service is \$23.72 per month based on usage of 10ccf per month. That amount would increase regularly over a period of several years, but without bonds, increases would be significantly higher than with bonds.

On December 8, Mike Gritzuk, RWRD Director, John Bernal, Deputy County Administrator, and Chuck Huckelberry, County Administrator presented a thorough and detailed Status/Financial Impact Report to ADEQ Water Quality Division Director Joan Card and ADEQ Deputy Director Pat Cunningham. In the meeting, it was stressed that no one could have predicted the current state of the economy. At the time the

ROMP was planned, the financial forecast did not predict the challenges of today's economy.

After significant discussion, Card and Cunningham informed Pima County that in order for any changes to existing regulations to be considered, a specific process must be followed. That process includes Pima County's completion of a "Major Modifications and Variance" application and a "Variance Schedule" specifying how the proposed ROMP changes would vary from the current requirements. ADEQ's review process would then take nine to twelve months. Another alternative would be to submit early renewal applications for the Roger Road and Ina Road discharge permits (AZPDES Permits). The renewal applications could propose alternate compliance dates. However, this process also would take approximately one year. The outcome of either of these processes might or might not result in an extension, and the length of any approved extension most likely would be less than five years.

Mr. Gritzuk has been asked to summarize the details of the discussion with ADEQ. Mr. Huckelberry will then present this information to the Board of Supervisors.

At this time, the department continues to operate under the current ROMP timetable.

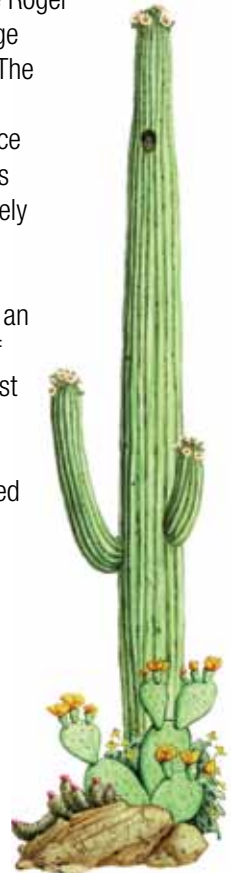


Illustration by Bill Singleton

## City/County Water and Wastewater Infrastructure, Supply and Planning Study

by *Melaney Seacat*

In April 2008, the City of Tucson Mayor and Council and Pima County Board of Supervisors (BOS) adopted a joint scope of work to study and plan for a sustainable water future for the Tucson region. This multi-year study includes five phases beginning with a focus on gathering baseline information on water and wastewater infrastructure and supplies, and planning issues within the City/County water and wastewater service areas.

Between April and October, the Oversight Committee met 21 times and received numerous in-depth presentations. Presentation topics included the condition and capacity of existing water and wastewater infrastructure systems, future water and wastewater systems, supplies and financing. Presentations on critical factors related to planning for a sustainable water future also were provided, including such topics as environmental needs for water, population, land use and growth, water conservation and climate-related resource uncertainties. All the presentations, meeting transcripts (including video and audio recordings), background information, public comments, and related information are available online, at [www.tucsonpimawaterstudy.com](http://www.tucsonpimawaterstudy.com).

Phase I of the study is nearing completion and a final report is

scheduled for public review in January and February. A series of open houses will be held throughout the region to gather input on the final report. The draft report will be available for review online in mid-January. Public comments on the report can be made by email to ([info@tucsonpimawaterstudy.com](mailto:info@tucsonpimawaterstudy.com)) or by mail to (Tucson Pima Water Study, PO Box 2344 Tucson, AZ 85701).

The Oversight Committee meetings are open to the public and provide an avenue for dialogue among the public, committee members and technical experts. Schedules of upcoming meetings of the Oversight Committee are posted on the study website.

The Oversight Committee will continue to oversee Phase II of the study which begins in March 2009. A report describing the Oversight Committee's recommendations for the content and process for Phase II was recently distributed to the Mayor and Council and the BOS. The report can be viewed online at: [www.tucsonpimawaterstudy.com/Reports.html](http://www.tucsonpimawaterstudy.com/Reports.html).

The Oversight Committee is scheduled to complete its work by November 2009. The Scope of Work describes Phases III – V as continuing to build up on the work that the City and County began in Phases I and II on a region-wide scale.

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## My View

by *Mike Gritzuk*

I have recently received a number of directives aimed at reducing costs. Included among these directives was the instruction to RWRD's Executive Team not send holiday cards to staff this year and to not print the calendar that the ERAP Board had worked so diligently on for many months.

By the time this edition of the Pipeline comes out, I will have sent out an E-Card to all employees who have computer access. Although I would prefer to send "real" cards to your home, the E-Card brings with it the same sentiments that a hard copy card would bring – that you and your family be blessed with a peaceful and joyful holiday season.

If you work with someone who does not have access to a computer, please take a moment to invite that employee to your computer and share the E-Card with your co-worker. We are also making the calendar available on the department's intranet site. You can access it at <http://intranet.wwm.pima.gov/>.

The reason we have been asked to discontinue the cards and calendars this year is the current economy and its impact on the county's financial resources. In addition to requiring significant belt-tightening in county government, this difficult time in our economy has brought many families in our community into financial crises. As we have done in past years, our department has participated in a food bank drive contest with the Pima County Department of Transportation and the Pima County Flood Control District.\* Your contributions to this drive have made a big a difference in the lives of

many struggling families and individuals in our community.

I have heard that some RWRD employees believe the tone of the contest has become too "political" and that the contest makes us lose sight of the real reason we collect food and cash for the food bank. I want to assure you that while we engage in a friendly rivalry with our counterparts, the end results of the food drive are what truly count.

When the food and money we collect are donated, the food bank is able to provide more food boxes and snack packs to members of our community. Snack Paks are backpacks filled with nutritious foods for children who are faced with hunger at home when school is out and cannot take advantage of school lunch programs. The bulk foods we collect are provided to agencies that feed the homeless and other needy members of our community whose only meals often come from soup kitchens. Bulk foods that have been donated include large bags of flour, rice, etc. However, please note that the turkeys and hams that were collected prior to Thanksgiving were specifically designated for needy families and not for agencies that provided Thanksgiving Day dinners to the community. (Please see the article below for details.)

It is important to remember that the good-natured competition between departments leads to what is truly important – more food for hungry people. Thanks to all of you who participated.

\* The Flood Control District dropped out of the Food Bank Contest in early December.

## Thanksgiving Food Drive Results

by Mona Orozco

The results of the Thanksgiving Food Drive contest are in. The results are listed below:

| Category     | Pounds of Frozen Meats | Pound of Non-Perishable Food | Cash    |
|--------------|------------------------|------------------------------|---------|
| RWRD         | 244                    | 1,392                        | \$1,018 |
| DOT/RFCF     | 314                    | 946                          | \$635   |
| <i>Total</i> | 558                    | 2,338                        | \$1,653 |

During the Department Dialogue meetings, the Executive Team told staff that frozen turkeys and hams would be provided to families who could not otherwise afford to prepare a traditional Thanksgiving dinner. In mid-November, an article in a local newspaper reported that the food bank would be unable to provide Thanksgiving dinner boxes to local families this season.

RWRD Community Relations Manager Laura Fairbanks made some phone calls and learned that because of the large number of requests for Thanksgiving boxes this year, the main food bank did not have enough turkeys to distribute to families. Instead, the food bank opted to provide donated turkeys to social service agencies that were holding Thanksgiving dinners open to the community. However, Laura also learned that satellite food banks in Marana, Green Valley and Amado were distributing Thanksgiving boxes with turkeys to needy families in those areas. This information was shared with the DOT/Flood Control Coordinator, and all the turkeys collected in the drive were designated to the outlying areas for direct distribution to needy families.

As noted above, 558 pounds of frozen meats (all turkeys) were collected. Thank you for your generosity! We commend all who participated in helping the less-fortunate members of our community.

The interdepartmental food drive competition ended on December 18. We will report the results of the Christmas Food Drive in the January Pipeline.



Some of the food collected from RWRD during the Thanksgiving Food Drive

## Grease Collection Event

by Lorraine Simon

The fourth annual Day-After-Thanksgiving Grease Collection event was held on Friday, November 28.

Staff and volunteers from RWRD, Pima Association of Governments, and Greecycle collected 1,710 pounds of used cooking oil at five drop-off locations: RWRD Richey Yard, RWRD Industrial Wastewater Control, O'Reilly Chevrolet, El Hogar de la Paz Alternative Learning Center, and Tucson Water Plant #2.

The collected cooking oil will be kept out of our sewer lines and will be made into biodiesel. Biodiesel is a cleaner burning fuel that reduces our dependence on foreign oil.

Many thanks to RWRD volunteers who helped to make this year's collection event a success: David Alexander, Jeff Anders, Carl Armbruster, Ray Baldwin, Jeff Base, Hector Bencomo, Al Bustamante, Leon Davis, Manny Enriquez, David Espinoza, Laura Fairbanks, Hector Gamboa, Carlos Guebarra, Lorraine Simon,

Micah Somit, Debbie Stratton, Shawn Tillson, Cecilia Vindiola, and Lilian Von Rago.

You may recycle your used cooking oil year-round at the locations listed below:

### 1) Tania's Mexican Restaurant

614 N. Grande Ave  
Tucson (520) 622-0685  
Monday–Saturday, 7:00 a.m.– 6:00 p.m.  
Sunday, 7:00 a.m.– 3:00 p.m.

### 2) Originate - Natural Building Materials

526 N. 9th Ave  
(520) 792-4207  
Tuesday–Friday, Noon – 6:00 p.m.  
Saturday, Noon– 4:00 p.m.

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### 3) Household Hazardous Waste Program

- **Main Site** 2440 W. Sweetwater Drive: Friday & Saturday, 8:00 a.m.–12:00 p.m.
- **Eastside Outreach Site** Eastside City Hall, 7575 E. Speedway Blvd.: First Saturday of each month, 8:00 a.m.–12:00 p.m.
- **Southside Outreach Site** Tucson Water Plant 2, 1102 W. Irvington Rd.: First Saturday of each month, 8:00 a.m.–12:00 p.m.
- **Northside Outreach Site** Park & Ride Parking Lot, Ina Road (one block west of Oracle Road), First Saturday of each month, 8:00 a.m.–12:00 p.m.



Carlos Guebara, IWC Inspector, pouring recycled grease at Grease Collection event

## GIS Fair

by Steve Harding

On Friday November 21, the Pima County Department of Transportation hosted the 11th annual Geographic Information Systems (GIS) Fair. The event was a great opportunity to showcase how government agencies utilize GIS data to make our community a better place.

This year's theme was "Celebrating GIS". Conference Room C in the basement of the Public Works Building came alive with the colorful, carnival atmosphere, including games and prizes. RWRD won the contest for the best designed booth and sign. RWRD was represented by Al Bustamante, Eddie Heredia, and Steve Harding.

The event drew about 200 people. Several Pima County Public Works departments and outside organizations were represented, including: Arizona Geological Society, CADsoft Consulting, City of Tucson Urban Planning and Design, Metro Water, Stantec, Pima Association of Governments (PAG), Pima County Assessor's Office, Pima County Department of Transportation (PCDOT), Pima County Development Services Department (PCDSD), Pima County Regional Flood Control District (PCRFCD), Pima County Regional Wastewater Reclamation Department (PCRWRD) and the University of Arizona Library.

CADSoft Consulting sponsored the event and provided lunch and special prizes and giveaway items. Our many thanks to PCDOT GIS Services and their sponsors for their support in providing lunch, prizes, and great fun for all.



Steve Harding and Al Bustamante staff RWRD table at GIS Fair

## Fall E-RAP Picnic

by Laura Hagen Fairbanks

The Fall E-RAP picnic was held at Reid Park on Saturday, November 22. The event which ran from 10:00 a.m. to 2:00 p.m. was attended by a number of RWRD employees and their families. This year, quite a few young children and grandchildren accompanied their parents and grandparents, and took advantage of an adjacent play area that had slides, swings and monkey bars. One staff member also brought along the family dog. The children were delighted by the playground, and many of the adults took advantage of a licensed massage therapist who charged \$9.00 for a ten-minute massage.

Hamburgers, cheeseburgers and hotdogs were grilled over the course of the event, and as soon as one batch was cooked, another batch was placed on the grills for hungry participants. Potato salad, chips, pickles, onions slices, lettuce, and tomato slices rounded out the meal which was served with cold sodas and iced water bottles.

Around noon, a Richey Yard crew stopped by and took advantage of the free lunch. They had to take their lunch "to go" as they went directly back to work after filling their plates. This was the first event in which the E-RAP board was able to offer free meals to RWRD staff members and charge only \$2.00 for family members who attended.

"The E-RAP picnics require a lot of planning and advance work to pull off," said E-RAP Board Member, Cecilia Vindiola, "but in the end it is worth it to get together in a relaxed atmosphere to enjoy conversation and the company of co-workers you don't always get a chance to chat with. We hope that in the future we will also be able to pull together enough people for a friendly game of softball."

Many thanks to the E-RAP Board for their hard work and efforts resulting in another successful picnic!



Fall E-RAP picnic

## John Munden Rides in This Year's El Tour de Tucson

by Lorraine Simon

On Saturday November 22, John Munden rode in the 26th annual El Tour de Tucson event. This year's event drew 8,600 bicyclists from around the world, all of whom descended upon the streets of Tucson and circled the 109-mile perimeter route.

This is John's second year of competing in this annual event that raised over \$1.8 million for local charities, including: Tu Nidito Children and Family Services, American Parkinson Disease Association, Ben's Bell Project, Big Brothers Big Sisters of Tucson, Diamond Children's Medical Center, The Hermitage No-Kill Cat Shelter, Leukemia & Lymphoma Society, and Water for People.

Way to go, John. Thank you for promoting wellness and assisting local charities in our community.



John Munden (waving) on his bicycle during the El Tour de Tucson bicycling event

## ERAP Employee of the Quarter – Mike Uralowich

by Cecilia Vindiola

Michael Uralowich, Wastewater Treatment Plant Mechanic for the Ina Road WRF, was selected in a random drawing of all employees who received an ERAP Employee on the Spot Award during the July-September quarter. Michael was nominated by the adult Probation Supervisors for his leadership, creative thinking and problem solving.

Michael received his ERAP on the Spot Award in recognition for his hard work in keeping the Ina Road WRF presentable, week after week by taking on all jobs that arise, big or small. He was rewarded with a crisp new \$100 bill, compliments of the Executive Team.

Mike Uralowich, Ina Road WRF Wastewater Treatment Plant Mechanic, Employee of the Quarter



## **ERAP Employee on the Spot Awards**

*by Thom Nielsen*

Listed below is Employee on the Spot Award nominations received for the month of November.

**Larry Clark, Rey Cordova, Louis Duran, Sam Duran, Steve Gay, Pete Gonzalez, John Knepp, Frank Lopez, Pete Magaddino, and Jerry Stumbaugh – Dedication**  
*nominated by Timothy Harmon*

In a situation where some people may have said “oh, this project can wait until next week,” these gentlemen took the bull by the horns and recognized that a grounded feeder cable at the Roger Road WRF needed immediate replacement. If this repair would not have been performed prior to the Columbus Day holiday, important areas of the plant would have been devoid of back-up power and would have had to run entirely on generator power. Timothy applauds all of these gentlemen for their dedication and their recognition of the importance of immediate action to solve a problem.

**John Mongelli – Outstanding Customer Service and Teamwork**  
*nominated by Patsy Cota*

Patsy was very appreciative of John for his willingness to cover the front desk the day after Thanksgiving when so many people had the day off.

**Lorraine Simon – Outstanding Customer Service**  
*nominated by Michael Gritzuk*

Mr. Gritzuk was very appreciative of Lorraine’s accurate documentation of questions and comments made at the fall session of the Department Dialogue presentations. Lorraine documented all staff questions and concerns and provided that document to the Executive Team.

## **Employee Birthdays**

*by Maggie Alvarez*

*Listed below are employees who have birthdays during the month of January:*

Jackie Belasco, Al Bustamante, Reynaldo Castro, Carl Clifton, Nicholas Conzemius, Patsy Cota-Ronquillo, Edward Dobson, William Dreyfuss, Juan Echanove, Susan Flores, Thomas Foster, Dennis Gallien, Barbara Gomez, Willie Hanson, Derek Harrington, Michael Harrington, Phillip Hunt, Jackson Jenkins, William Knight, Ron Leon, David Longobardi, Jose Madero, Michael Maloney, Gonzalo Mata, Harold Merriman, Brenda Moench-Rosalez, Michael Montoya, William Moore, Jeff Nichols, Raymond Pagel, James Petty, Karen Ramage, Craig Roberts, Dianna Rodriguez, Mandley Rust, Erica Sanchez, Thomas Sanchez, Gregory Santoro, David Skidmore, Debbie Stratton, Victoria Stypula, Richard Szydelko, Daniel Walden, John Warner, Billy Whittemore

## **Future City Competition – Arizona Region**

*by Kurt Stemm*

The Future Cities regional competition will be held on Saturday, January 24, 2009, at the Phoenix Preparatory Academy. Tucson area schools (Booth-Fickett Math Science Magnet School, La Cima Middle School and the Sonoran Science Academy-Sunset) will have teams participating in this event.

The students will envision their future city and design a computer model city using SimCity software; they will also build a physical model. Additionally, students must compose an essay on the theme and an abstract of their project. At the regional competition, a team presentation will be made to a judging panel of engineers, to showcase the students’ creative ideas and understanding of math, science, technical, and engineering concepts.

This year’s essay theme is “Water Use, System Sustainability, and Self-Sufficiency”. Because the importance of water and water resources in our world is becoming progressively more critical, the availability of clean water as a resource for sanitation, irrigation,

fire protection and general use is a growing concern. Students grapple with these issues as they design their cities.

The National Academy of Engineering, in its list of the Grand Challenges for Engineering, cites “Provide Access to Clean Water” as a critical focus for engineers in the 21st Century. As water becomes more precious and scarcer every day, the students are challenged to think beyond the ordinary and traditional conservation, desalinization and water treatment discussion. Their challenge is to incorporate into the design of their city self-sustaining home, systems or processes that require little or no water from commercial or municipal sources, public or private wells or water supply trucks.

The models entered into the competition will be on display at the Burton Barr Central Library, 1221 North Central Avenue in Phoenix, January 17– 23, 2009. The winning team will compete in the national finals, February 14–18, 2009, in Washington, D.C.

The mission of the National Engineers Week Future City

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Competition is to provide a fun and exciting educational engineering program for seventh- and eighth-grade students by combining a stimulating engineering challenge with a “hands-on” application to present their vision of a city of the future.

Thousands of engineers, engineering students, teachers, and leaders in government and business participate in National Engineers Week each year. For additional information, check out the website: <http://www.futurecity-arizona.org/>.

## **December Trivia**

*by Lorraine Simon*

Beginning with this edition of the Pipeline, we will change the focus of the trivia questions. The trivia section will have fewer questions on holidays and events, and more questions on Pipeline-related stories.

### **1. Why is Christmas celebrated on December 25?**

- a. To coincide with the winter solstice (celebration of the sun), a date celebrated by the ancient Romans
- b. The date of Christmas was calculated as nine months after March 25, the traditional date that Jesus was conceived
- c. To coincide with the birthday of Mithras, the Iranian “Sun of Righteousness,” worshipped by Roman soldiers

### **2. What is the reason for the Regional Optimization Master Plan (ROMP)?**

- a. To fulfill a requirement mandated by the Arizona Department of Environmental Quality (ADEQ) to reduce the amount of nitrogen and ammonia in the effluent we discharge into the Santa Cruz River
- b. To serve a consent order originally mandated by ADEQ for an extension request to improve the quality of the nitrogen and ammonia we discharge into the Santa Cruz River
- c. For environmental protection under the Clean Water Act, under the recent ruling that the Santa Cruz River is navigable

### **3. What is biodiesel?**

- a. Two forms of diesel fuel that are used in the county’s fleet of vehicles
- b. Another word for petroleum, currently used to fuel vehicles
- c. A cleaner burning fuel made from cooking oil

### **4. What benefit does GIS provide?**

- a. Provides a computer-based system with the ability to store, retrieve, modify, analyze, and represent geographic data as useful information
- b. Allows the public and many different departments access to the same base maps and database
- c. Allows government agencies who utilize GIS data to make our community a better place

### **5. What were the three categories of the Interdepartmental Food Drive Competition?**

- a. Fresh Meats, Fresh Vegetables, Cash
- b. Canned Goods, Frozen TV Dinners, Cash
- c. Frozen Meats, Non-Perishable Food, Cash

### **6. What is the Future City Competition?**

- a. A national program sponsored by the engineering community to promote technological literacy and engineering to middle school students
- b. A consortium of practicing engineers to create a model city
- c. A continuing education credit series for engineers, teachers and leaders in government

### **7. What is the purpose of the City/County Water and Wastewater Infrastructure, Supply and Planning Study?**

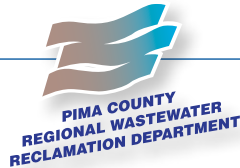
- a. Provides an avenue for a two-way dialogue between the public, committee members, and technical experts
- b. A joint scope of work between the City of Tucson and Pima County to study and plan for a sustainable water future for the Tucson region
- c. Provides for a series of in-depth presentations critical factors related to planning for a sustainable water future

## Are You Motivated?

submitted by Cecilia Vindiola

source: Pima County Employee Wellness: [www.pima.gov/hr/health](http://www.pima.gov/hr/health)  
 Starting an exercise program is easy; keeping with it is the challenge! Of those who begin a program, 50 percent quit within three to six months. Change is never easy. If you stay with a routine long enough, you'll enjoy the positive results and will be more likely to continue. So how can you find the motivation within you to accomplish this? While true motivation must come from within, these tips will help you keep motivated:

1. Find something you enjoy that will be easy for you to do.
  2. Exercise at the right time – for you.
  3. Set specific, realistic, and attainable goals—both short-term and long-term.
  4. Monitor your progress.
  5. Don't push yourself too hard or you'll want to quit.
  6. Reward yourself for each new goal reached.
  7. Read and learn more about exercise and fitness.
  8. Vary or change your routine to prevent boredom.
  9. Get the support of others.
  10. Do not worry if you miss a session or two, but keep going.
- So what are you waiting for? It's time to get fit in the New Year!



## Comings and Goings

by Daniel Brown

### New Hires

|                     |                                     |
|---------------------|-------------------------------------|
| Jeffrey Anders      | Utility Maintenance Worker I        |
| Johnny Avalos       | Utility Maintenance Worker I        |
| Jeff Baze           | Utility Maintenance Worker I        |
| Hector Bencomo      | Utility Maintenance Worker I        |
| Candelario Espinoza | Utility Maintenance Worker I        |
| Joshua Freeman      | Wastewater Treatment Plant Mechanic |
| Yessenia Garcia     | Engineering Intern                  |
| Gary Groh           | Wastewater Treatment Plant Mechanic |
| Sean Herman         | Engineering Intern                  |
| Daniel McCloud      | Wastewater Treatment Plant Mechanic |
| Robert Mitchell     | Wastewater Treatment Plant Mechanic |
| Shawn Tillson       | Utility Maintenance Worker I        |

Conveyance Division – Richey Road  
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 Conveyance Division – Richey Road  
 Treatment Division – Ina Road WRF  
 Engineering Division  
 Treatment Division – Roger Road WRF  
 Engineering Division  
 Treatment Division – Roger Road WRF  
 Treatment Division – Roger Road WRF  
 Conveyance Division – Richey Road

### Promotions

|                |                                   |
|----------------|-----------------------------------|
| Jackie Belasco | Administrative Support Specialist |
| Micah Somit    | Utility Maintenance Worker I      |

Engineering Division  
 Conveyance Division – Richey Road

### Reappointment

|                |                                    |
|----------------|------------------------------------|
| Charles Bard*  | Sewer Line Construction Inspector  |
| Ronald Gaines  | Utility Maintenance Worker I       |
| Linda Knape*   | Trades Maintenance Specialist      |
| Thomas Porter* | Senior Civil Engineering Assistant |

Field Engineering  
 Conveyance Division – Richey Road  
 Treatment Division – Ina Road WRF  
 Engineering Division

\*Reappointed from Development Services Department

### Deadline for Pipeline Submission

Please submit your stories for the January edition by email to: [Lorraine.Simon@wwm.pima.gov](mailto:Lorraine.Simon@wwm.pima.gov), by Monday, January 5. If you will be submitting a photo, please send as a separate .jpg attachment.

### Answers to Trivia

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. a,b,c – All are correct</li> <li>2. a – To fulfill a requirement mandated by the Arizona Department of Environmental Quality (ADEQ) to reduce the amount of nitrogen and ammonia in the effluent we discharge into the Santa Cruz River</li> <li>3. c – A cleaner burning fuel made from cooking oil</li> <li>4. a,b,c – All are correct</li> </ol> | <ol style="list-style-type: none"> <li>5. c – Frozen Meats, Non-Perishable Food, Cash</li> <li>6. a – A national program sponsored by the engineering community to promote technological literacy and engineering to middle school students</li> <li>7. b – A joint scope of work between the City of Tucson and Pima County to study and plan for a sustainable water future for the Tucson region</li> </ol> |
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