

**PIMA COUNTY
REGIONAL WASTEWATER RECLAMATION DEPARTMENT**

**Pre-bid Conference and Jar-Testing
Polymer**

Solicitation #: 188984

Thursday September 3, 2015



**PIMA COUNTY REGIONAL WASTEWATER RECLAMATION DEPARTMENT
Pre-bid Conference and Tour, Polymer; Solicitation #: 188984; Thursday September 3, 2015**

PROCUREMENT

- IFB process, Solicitation #: 188984
- Answer questions regarding the IFB



RWRD

Our Vision

To be an industry leader in the management and sustainability of the water reclamation cycle and other renewable resources.

Our Mission

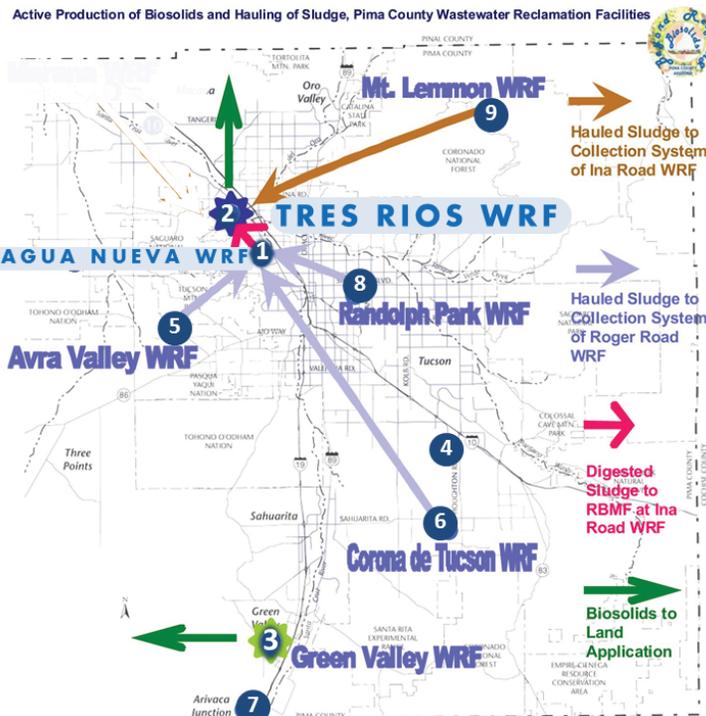
To protect the public health, safety, and the environment by providing quality service, environmental stewardship, and renewable resources.

Our Strategic Plan

Guide to decision-making and resource management in pursuit of its organizational vision, mission and goals.

Safety

Providing a safe environment for our employees, our contractors, our customers and the general public is a primary mission for all of us at RWRD.



Pima County's Water Reclamation Facilities

Total Capacity: 94.5 MGD

Total Daily Influent: 60 MGD

- | | |
|---------------------------|-------------------------------|
| 1 Agua Nueva WRF | 5 Avra Valley WRF |
| 2 Tres Rios WRF | 6 Corona de Tucson WRF |
| 3 Green Valley WRF | 7 Arivaca WRF |
| 4 Fairgrounds WRF | 8 Randolph Park WRF |
| 9 Mt. Lemmon WRF | |

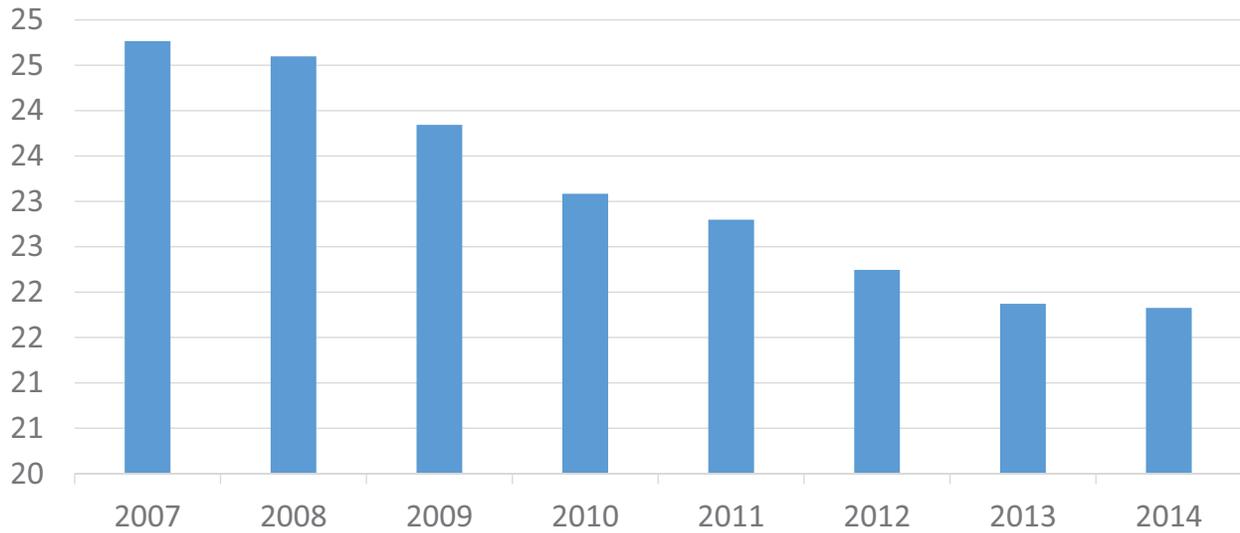


1. Agua Nueva WRF	32 MGD
2. TRES RIO WRF	50 MGD
3. Green Valley WRF	4.1 MGD
4. Fairgrounds WRF	0.001 MGD
5. Avra Valley WRF	4 MGD
6. Corona de Tucson WRF	1.3 MGD
7. Arivaca Junction WRF	0.07 MGD
8. Mt. Lemmon WRF	0.0125 MGD
9. Randolph Park WRF	3 MGD



Influent, Billion Gallons per Year 2007 - 2014

Pima County Regional Wastewater Reclamation Department

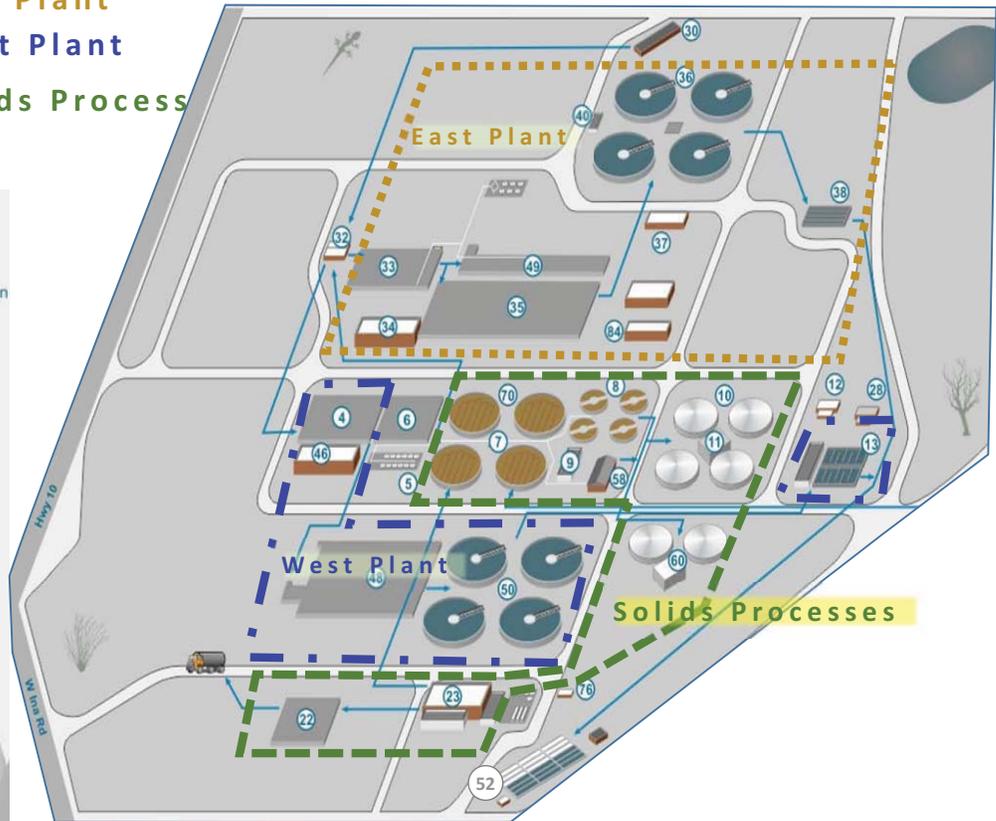


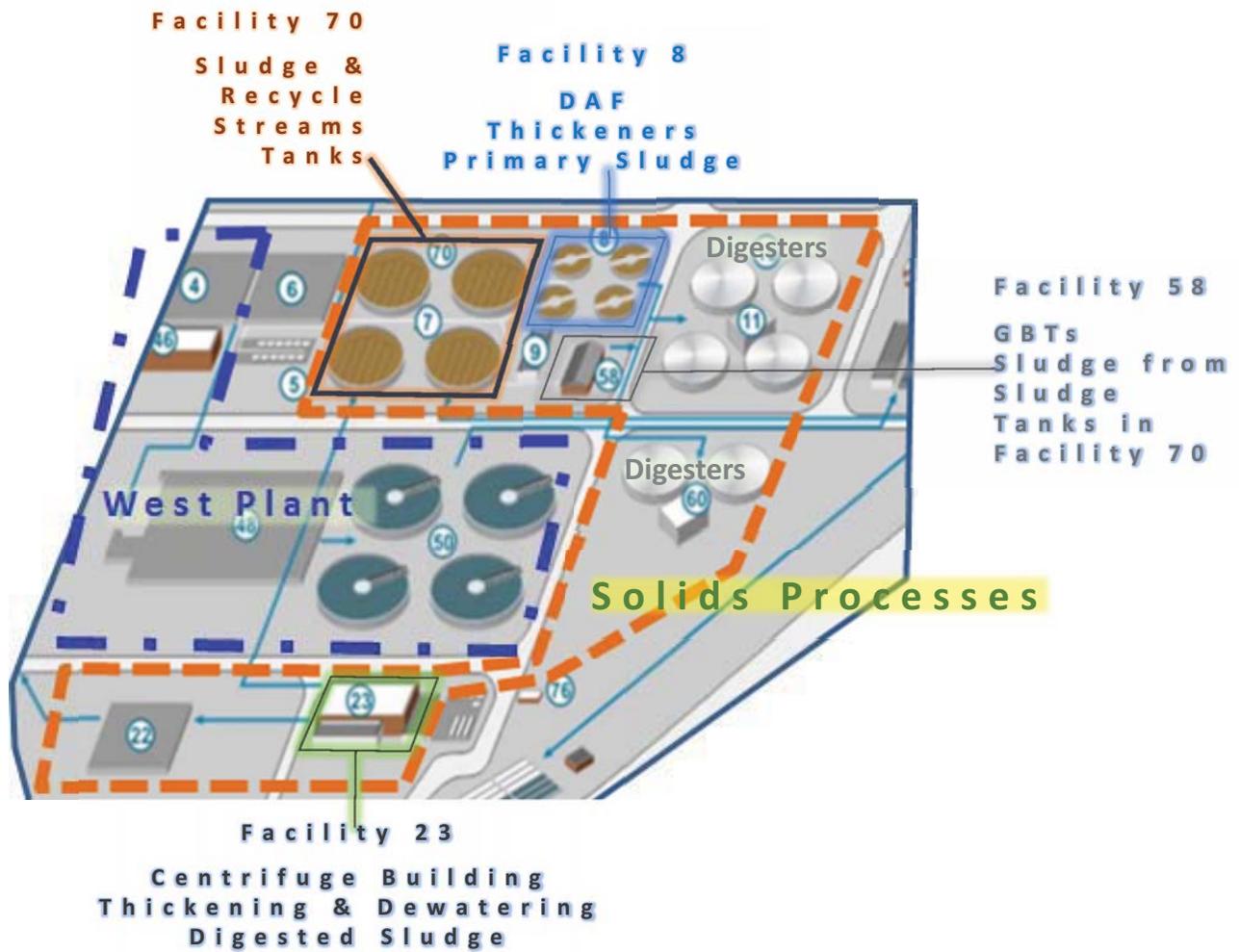
TRES RIOS WRF; PIMA COUNTY RWRD - PIMA COUNTY, ARIZONA

- East Plant
- . - . - West Plant
- Solids Process

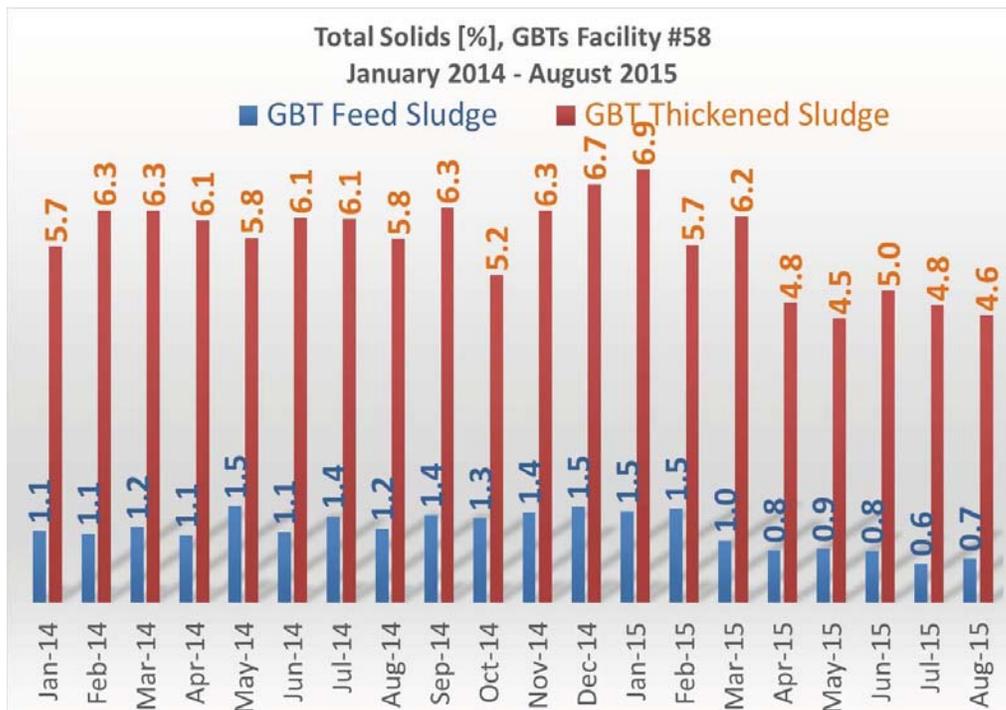
Facility Legend

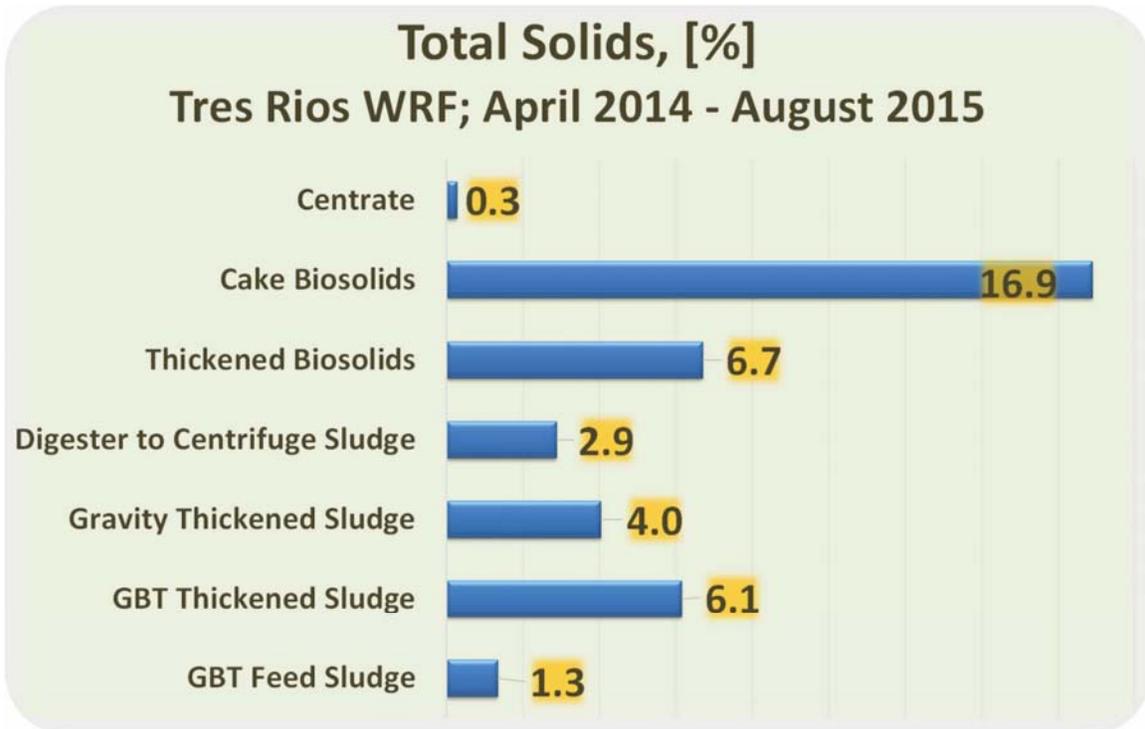
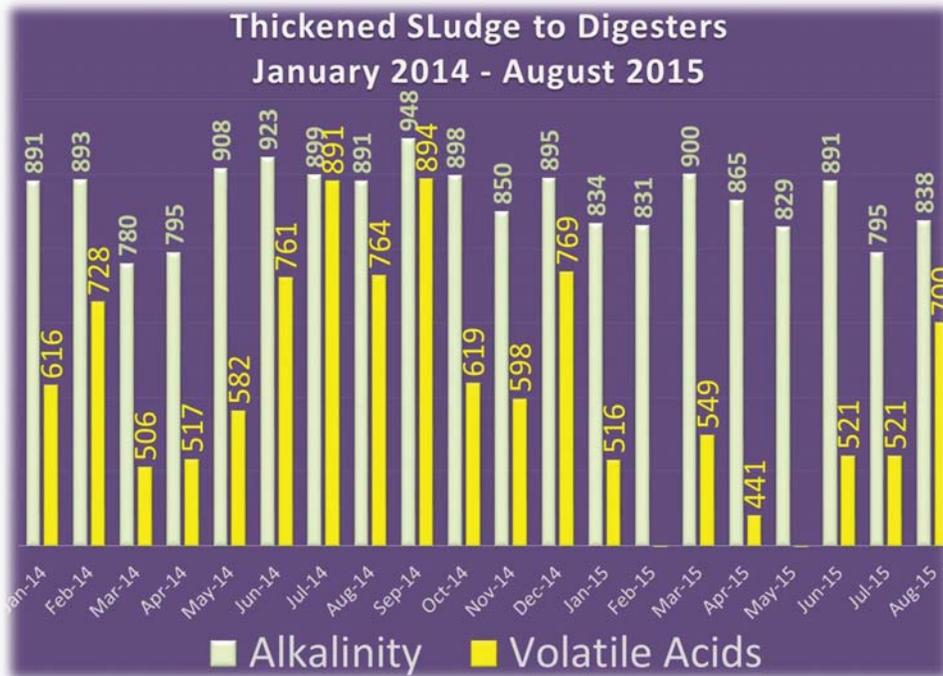
- 4 Primary Clarifiers - West
- 5 Oxygen Production Facility
- 6 Activated Sludge Reactors
- 7 Secondary Clarifiers/RAS Pump Station
- 8 Sludge Thickeners/Control Building
- 9 Solids Thickening Building
- 10 Sludge Digesters
- 11 Digester Control Building
- 12 Chlorination Building
- 13 Chlorine Contact Basin - West
- 22 Sludge Storage Basin
- 23 Centrifuge Facility
- 28 Chlorine Residual Reduction Facility
- 30 Headworks
- 32 Intermediate Pump Station - East
- 33 Primary Clarifiers - East
- 34 Blower Building - East
- 35 Anoxic/Aeration Basins
- 36 Secondary Clarifiers - East
- 37 RAS/WAS Pump Station - East
- 38 Chlorine Contact Basins - East
- 40 Tank Drain Pump Station - East
- 46 Blower Building - West
- 48 Bioreactor Basins - West
- 49 Bioreactor Basins - East
- 50 Secondary Clarifier Facility - West
- 52 Chlorine Contact Basins/Chemical Facility/Effluent Sampling Building
- 58 WAS Thickening Facility
- 60 Digester Complex
- 63 Interim Digested Sludge Thickening Facility
- 70 Sludge/Recycle Storage Tanks and Pump Station
- 76 Plant/Tank Drain Pump Station - West
- 84 Switchgear Building

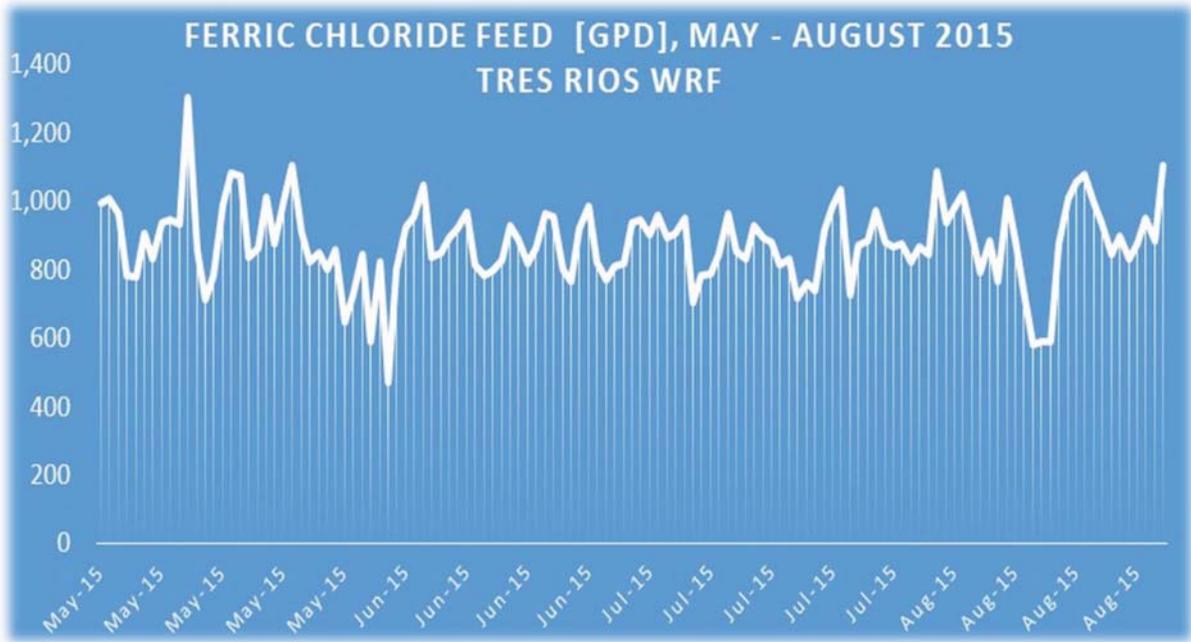




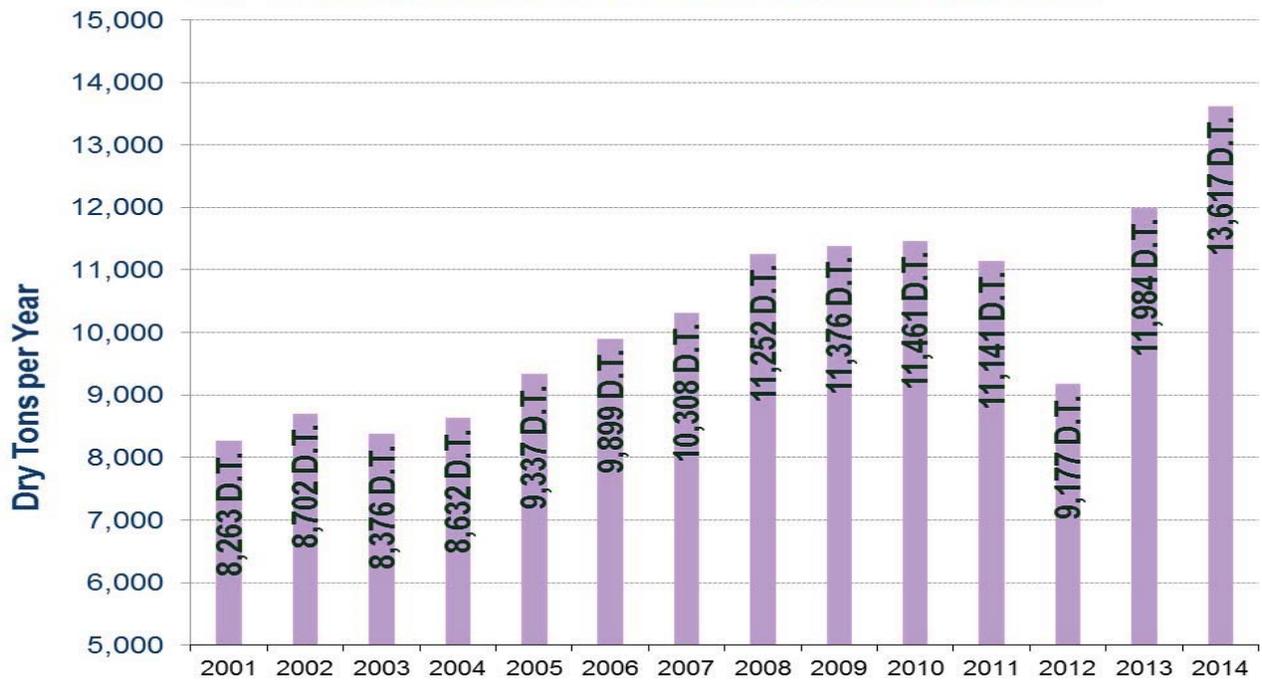
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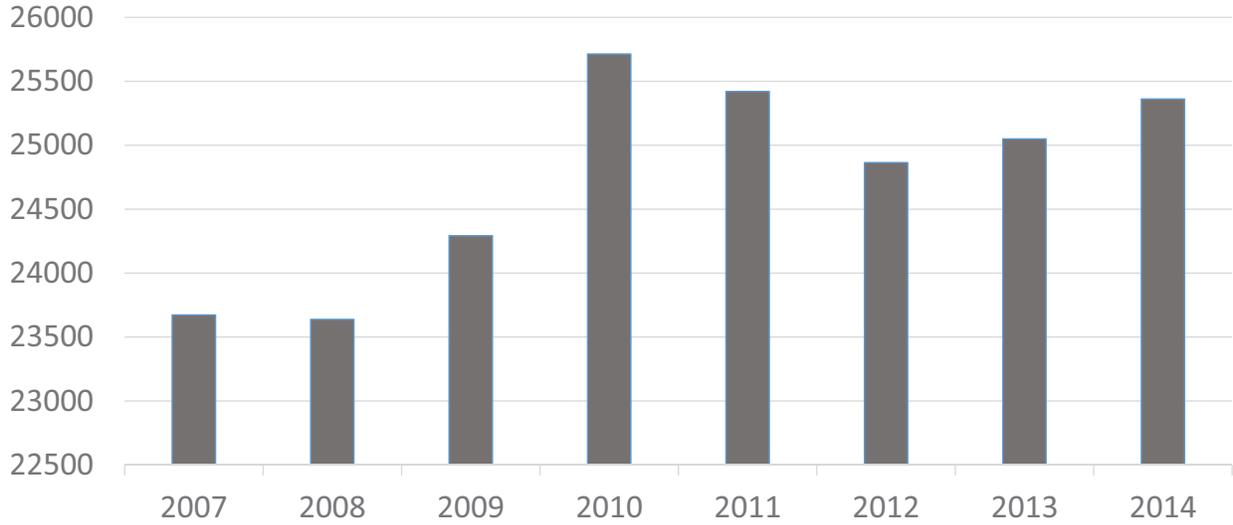


Dry Tons Annual, Hauling & Land Application; 2001-2014



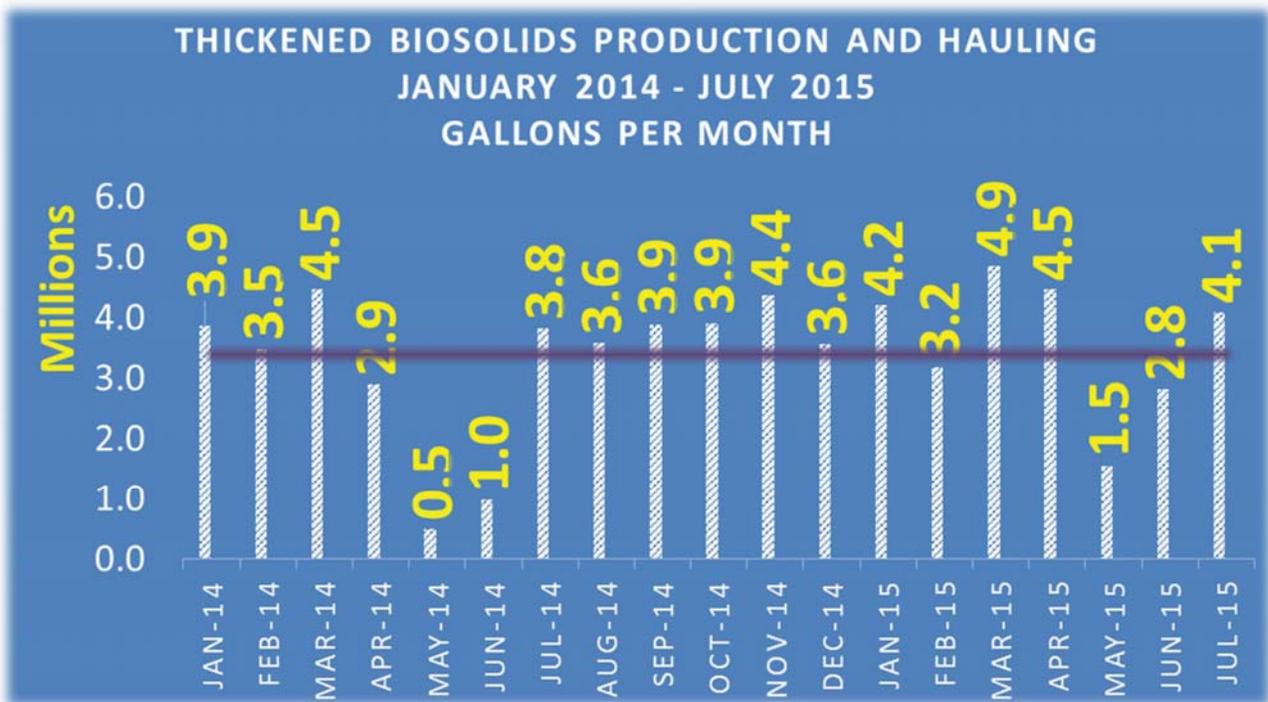
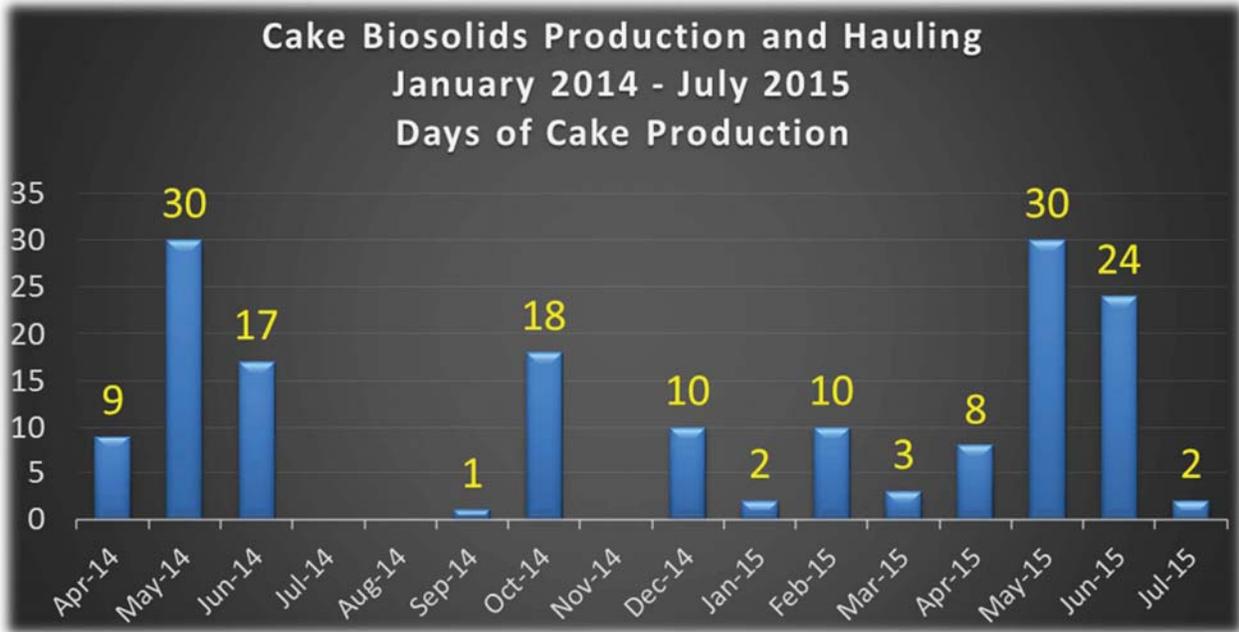
Solids Influent, Calculated Metric Dry Tons per Year
 2007 - 2014

Pima County Regional Wastewater Reclamation Department



CAKE BIOSOLIDS PRODUCTION AND HAULING
 JANUARY 2014 - JULY 2015
 WET TONS

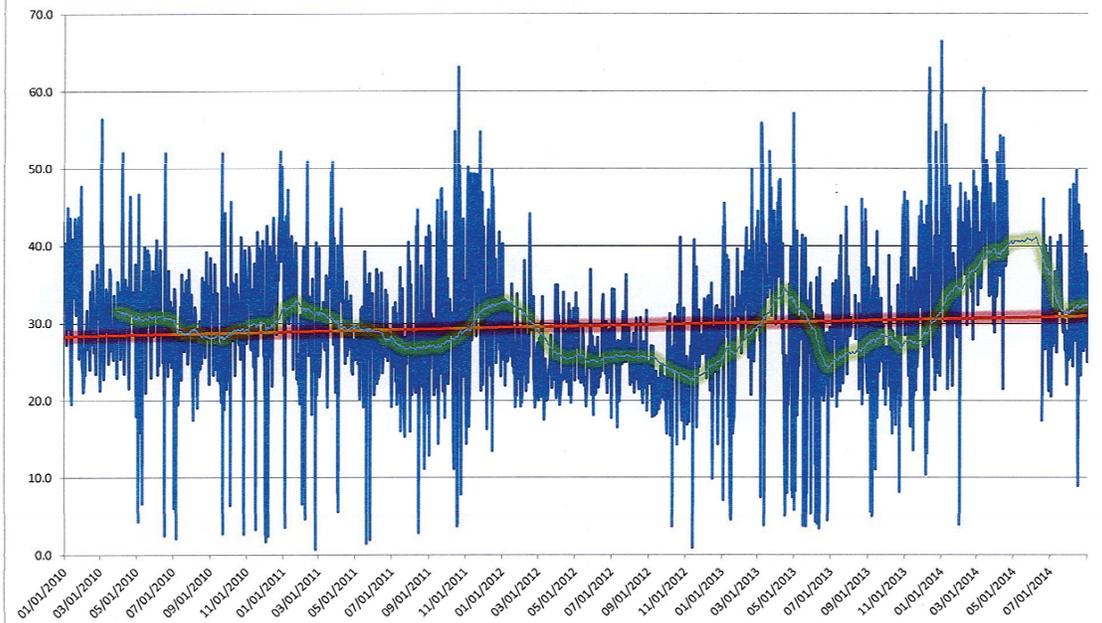




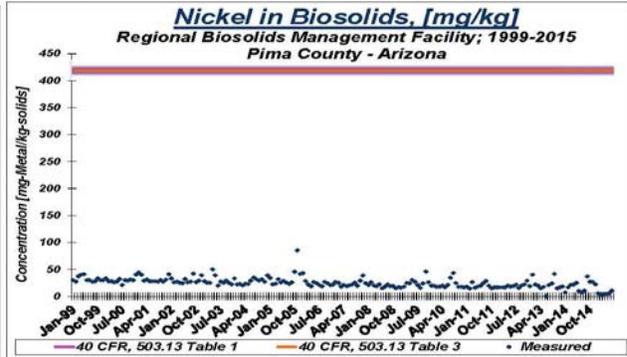
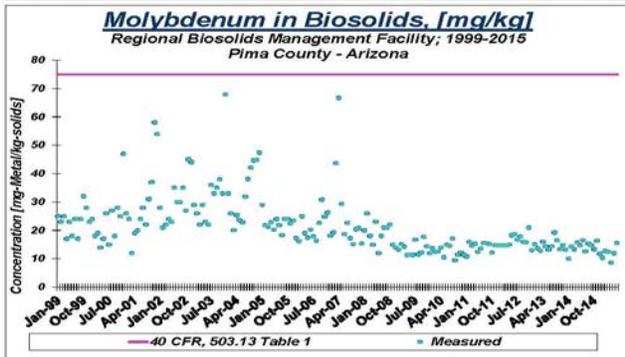
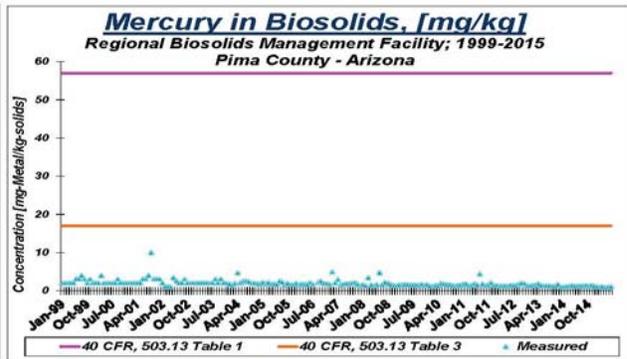
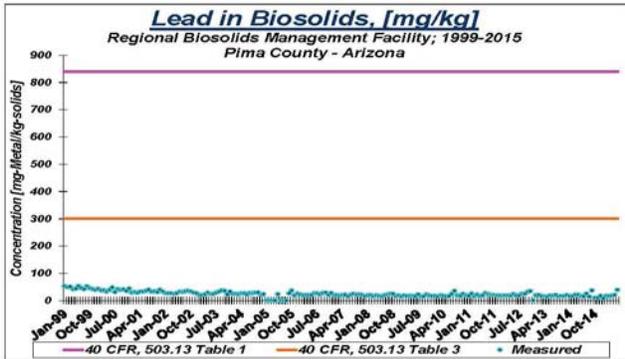
THICKENED BIOSOLIDS PRODUCTION AND HAULING JANUARY 2014 - JULY 2015 MONTHLY TRUCK LOADS



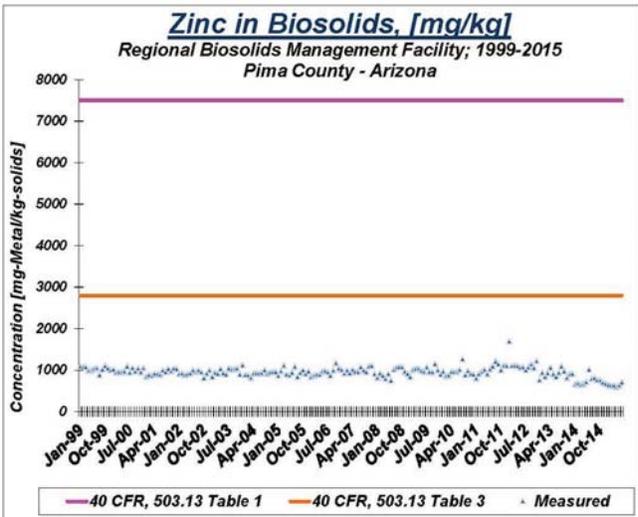
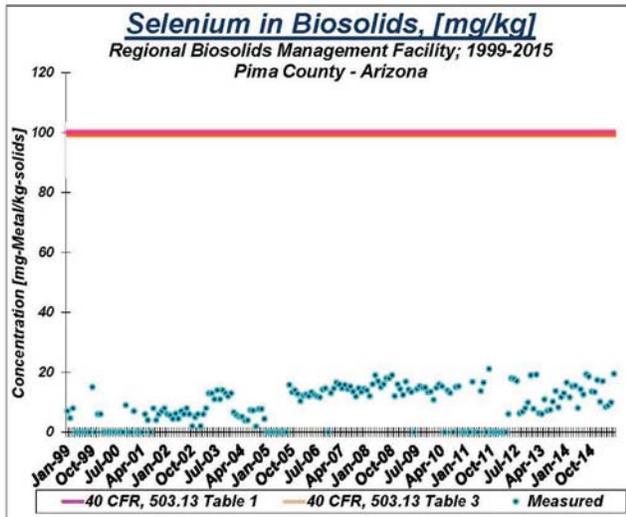
Dry Tons, Thickened Biosolids Production Regional Biosolids Management Facility; 2010 - 2014



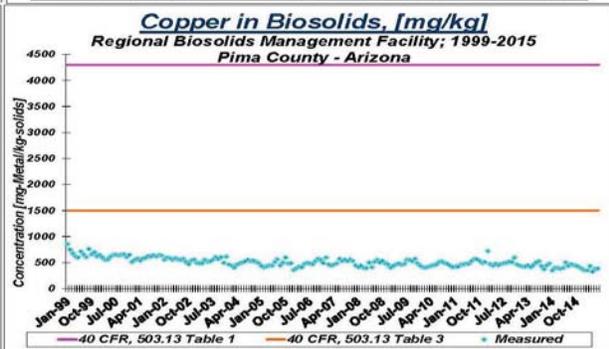
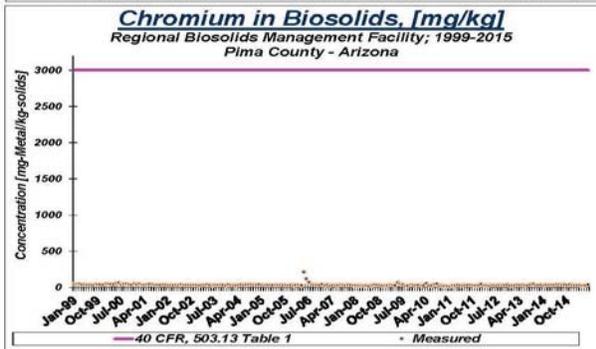
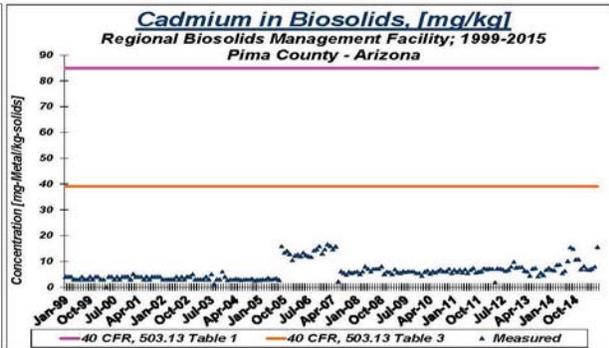
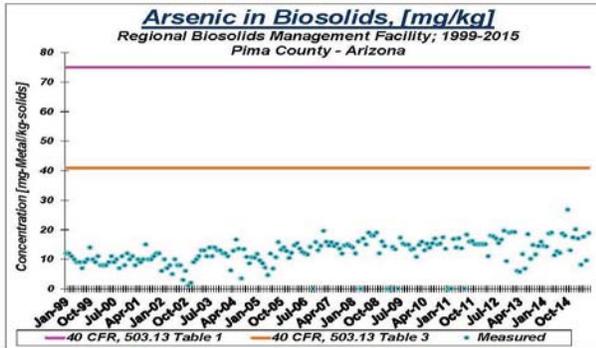
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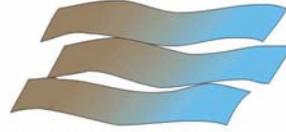


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WASTEWATER RECLAMATION
DEPARTMENT

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