

Arroyo Colorado Wastewater Infrastructure Workgroup

Macaroni Grill Restaurant

3500 W Expressway 83, McAllen

Friday, July 17, 2009

4:00 pm to 6:00 pm

Meeting will directly follow the Biosolids Management Workshop at the McAllen Convention Center

Meeting Agenda

Welcome and Introductions Lee Clapp, TAMUK

- Jaime Flores, TWRI
- Laura de la Garza, Comite Resources
- Noe Alaniz, Town of Combes
- Darrell Gunn, Harlingen Waterworks
- Jaime Gutierrez, Vargas & Associates
- Raul Garcia, R.E. Garcia & Associates

Biosolids Workshop Summary Lee Clapp, TAMUK

Review ACWPP Implementation Status Jaime Flores, TWRI

Have met with TXDOT officials about getting permits for existing Arroyo Colorado signs and additional signs to be installed in the future.

Task force cities participated in Earth Day celebrations where over 2,000 storm drain markers were installed.

Gave several classroom presentations throughout the watershed.

Review of Wastewater Components of the ACWPP Laura De La Garza, Comite Resources

- Status of implementation of the PRP (see spreadsheet) Laura De La Garza
- Existing or planned colonia hook-ups Jaime Flores
 - **La Feria**
 - 1) The number of colonias and residents that they have brought on line to the WWTP's since '07 and if they have future plans to hook up any more.
 - 8 colonias connected with 1200 persons.
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 - 2) WWTP effluent reuse numbers. ?? Permit number for the new WWTP?
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 - 3) Upgrades that they have made to the WWTP's to date and any future upgrades that they are planning to make. No upgrades to the existing WWTP, we're building a completely new WWTP.
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 - 4) Have they upgraded to the new standards? Yes.
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 - 5) Average rates of effluent (gallons/day) that they are discharging into the AC. Possibly none. Effluent being routed through wetlands also under construction, but new WWTP will be 1.25 MGD.
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 - **San Benito**
 - Omar, the reason we did not send any thing is because we do not have any
 - colonias in our area. The City of San Benito extended infrastructure to

- the areas needing this about five years ago. As far as reuse we are not
- doing this at the present time. Upgrades are being done today at the
- wastewater treatment plant and our water treatment plant we will be
- alright for the next twenty years. Please contact me if you need more
- information.

- 1) Raw influent flow-67.255 MGD
- 2) Treated effluent flow-69.826
- 3) Effluent daily average-2.37 max-2.618
- 4)

- **Donna**

- 1) Number of colonias - 3
- Number of residents - 61
- Future Plans are to hookup 7 more colonias and 485 residents.

- 2) WWTP effluent reuse numbers - is Zero

- 3) Upgrades made to WWTP - Upgraded Influent Pump Station
- Upgrades for Future - Complete Rehab to the WWTP by 2010
- Upgrade to new standards - will be by 2010

- 4) Average rates of effluent (gallons/day) that they are discharging in the AC - 1.25 mgd

- **San Juan**

- 1) 5 colonias, and 130 connections
- 2) 418 thousand per month
- 3) no upgrades since 02 and we are in compliance with all regulations
- 4) 2.4 million gallons per day

- **Harlingen**

- 1) In 2007 thru 2008 approximate 300 connections with approximate 8 colonias. There are no pending future plans to hookup any more at this time.
- 2) The wastewater plant effluent reuse is 2.5 mgd, plant use only. They use reuse water for the city soccer complex and the golf course,
- 3) 2003 upgrades were completed in fall of 2005. Upgrades included new lift station, barscreen, oxidation ditches, final clarifiers, UV system, and new belt press with building. Future upgrades are scheduled for the year 2011 when the plant reaches 75% capacity.
- 4) The plant is at 69% capacity with an average flow of 6.2 MGD. Daily average for the month of January 2009 was 6.1441 MGD.

- **Pharr**

- 1) 350 new sewer taps in colonias
- 2) Wastewater treatment plant reuse-5.5 MGD monthly average, total-66.3 MGD, Golf course-11.7 MGD monthly average, total 134 MGD.
- 3) Upgrades to plant should be complete by end of 2010 or early 2011
- 4) Average effluent discharge for fiscal year 2007-2008-4.9MGD

- LRGVDC/TAMUK/UTB Wastewater Effluent Monitoring Lee Clapp

Project Discussion/Updates:

- Three-Cities Wetland Project Update San Benito, San Juan, La Feria
- San Juan’s wetland should be completed by end of August.
- La Feria’s wetland should be completed by end of August.
- San Benito wetlands on hold, waiting for funding.
- LRGVDC/TAMUK/UTB Wastewater Effluent Monitoring Lee Clapp, TAMUK
- New Wastewater Treatment Facility Proposals Laura De La Garza, Comite Resources
 - City of Alamo
 - MHWSC – Progreso
 - City of Combes
 - Hidalgo Co. MUD#1 (near Peñitas)
- SolarBee Reaeration Proposal Jaime Flores

Discuss/Prioritize Future Funding Needs and Sources Lee Clapp, TAMUK

Other Business/Upcoming Events Jaime Flores, TWRI

Next Meeting Date/Adjourn..... Lee Clapp, TAMUK