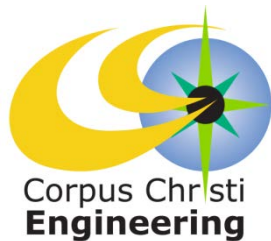


# Corpus Christi

## Recycled Water Program Update



City Council  
December 18, 2012



# Recycled Water Master Plan



- **TCEQ Requirements**

- Allows the sale of recycled water
- Requires user agreements between City and end user
  - Protects the public through operational and physical controls
- Specifies 2 types of recycled water quality and uses
  - Type 1 – SAWS delivers this type
  - Type 2 – what our plants produce
    - Sufficient for most large scale users
      - Golf Courses, Parks, Athletic Fields, Cemeteries, Industrial & Hydraulic Fracturing
    - Not available for residential use or areas where access cannot be controlled during watering





# Recycled Water Master Plan



- **Current Users**
  - Naval Air Station Corpus Christi
  - Coastal Bend State Veterans Cemetery
  - Padre Isles Country Club
  - The Grandstands Fields
  - Public Golf Courses:
    - Gabe Lozano
    - Oso Beach
- **Future Potential Users**
  - Corpus Christi Country Club
  - Kings Crossing Golf Course
  - Bill Witt Park
  - Texas A&M Corpus Christi
  - Del Mar College





# Recycled Water Master Plan



- **Water Conservation Potential**
  - The City currently uses 70-90 Million of Gallons per Day (MGD) of treated water
  - The Wastewater system treats approximately 25 MGD
  - Currently 1 MGD is recycled for irrigation uses
    - Enough water for ~3,500 households



# Recycled Water Master Plan



- **Policy Considerations**

- Will this be a subsidized program?
- Who will pay the established rate?
  - Federal, State, City or other governmental users?
    - Naval Air Station Corpus Christi
    - Coastal Bend State Veterans Cemetery
    - Public Golf Courses: Gabe Lozano & Oso Beach
  - Private users?
    - Padre Isles Country Club
    - The Grandstands fields
- Should the program be phased in over time?
- Example Rate





# Recycled Water Master Plan



- **Timeline**

- **Shareholder Outreach (ongoing)**
  - **Facilitate meetings by user type**
    - **Recreational: Golf Courses, Athletic Fields**
    - **Education: TAMUCC, Del Mar, School Districts**
    - **Industrial: Port Industries & Others**
  - **Address questions and concerns**
- **Resolution to establish policy guidelines (Jan – Feb 2013 )**
- **Recommend rate based on policy guidelines (Feb-Mar 2013 )**
- **Submit draft of Recycled Water Master Plan (Mar 2013 )**
- **Submit final Recycled Water Master Plan (Apr 2013 )**
- **Adopt Recycled Water Master Plan (May 2013 )**
- **Goal: To have the Effluent Rate in place & effective August 1<sup>st</sup>**

