Update to Biosolids Management Plan

Public Works and Engineering
May 2015
Overview

- 40 WWTPs
- Total permitted flow = 565 MGD (0.4 to 200 MGD)
- Average flow = 222 MGD
- 40,000 to 60,000 dry tons/year of biosolids produced
- 13 of 40 prepare biosolids for use/disposal
Biosolids Production

- Almeda Sims: 16%
- Bayou North: 14%
- Satellites: 19%
- 69th St.: 51%
- Southwest Quad: 11%
- South Central: 4%
- North Corridor: 4%
Stabilization Methods & Product Outlets

- Aerobic Digestion 20%
- Heat Drying 65%
- Lime Stabilization 15%
- Landfilled 17%
- High End Pellet Markets 14%
- Land Applied (Class A) 52%
- Land Applied (Class B) 17%
- Landfilled 17%
- Lime Stabilization 15%
- Aerobic Digestion 20%
- Heat Drying 65%
Biosolids Management Plan (BMP)

Purpose: Evaluate and implement best management practices

- RFEI advertised in January 2014
- EOI Submitted in March 2014
- BMP Draft Report Submitted in February 2015
- BMP Final Report Submittal: August 2015
- Next Step - Projects Implementation
  - FY17 O & M
  - FY17 – FY 21 CIP
Evaluation Criteria Matrix

- Environmental
  - Pollution, resource use
  - Regulatory
  - Complexity and reliability

- Financial
  - Capital and O&M

- Social
  - Nuisance
  - Public acceptance
Questions?