

# **CITY OF AUBURN**

## **SOLID WASTE COLLECTION AND DISPOSAL**

**February 9, 2012**

# **Refuse and Recyclable Curbside Collection**

- Addressed as Chapter 254 Solid Waste, Article I through Article 37
- Weekly collection of refuse and recyclables
- Service for city residents has been provided for close to a century
- Only department to visit each city dwelling on a weekly basis

# Collection – Operations and Procedures

- Mondays – yard waste pick-up
- Tuesdays through Fridays – refuse collection from 7:00am-3:30pm
- Garbage collection broken down to four days – each day divided into 3 garbage routes
- Recycling truck does all three routes

# Collection – Operations and Procedures

- Daily rotation goes in a clockwise direction
- Service approximately 11,000 units on a weekly basis
- Each day varies from 30 tons to 45 tons of garbage between the three trucks
- Recycling tonnage varies with the material
- Recycling on a three week rotating basis

# Collection – Operations and Procedures

- Bulk items, skips and special pickups provided on a daily basis after the routes are completed
- Collected 8,332 tons of garbage, 4,337 tons of yard waste and brush, 100 tons of bulk items curbside in 2011

# Collection – Operations and Procedures

- Curbside garbage collection quantities

2009	8,919.06 tons
2010	8,574.80 tons
2011	8,331.98 tons

# **Collection – Operations and Procedures**

- Recycled 400.11 tons of cardboard, 431.96 tons of newspaper and 390.96 tons of plastic, glass and metal curbside in 2011

# Collection – Equipment and Staffing

- 4 rear loading packer trucks
- 5 motor equipment operators
- 5 laborers
- Various seasonal help
- Out each day

# Collection – Budget

- Budget Recap

# Landfill – Site and Disposal

- Original Landfill No. 1 opened in the early 1950's
- State regulations change – new lined landfill (Landfill No. 2) built in early 1990's
- Unique site – possess closed landfill, active landfill and offer collection service from landfill campus

# Landfill – Site and Disposal

- Permitted for 96,000 tons per year
- Daily permit limit of 650 tons
- Permit issued 2009, expires in 2019

# Landfill – Site and Disposal

- Landfill No.1 covers approximately 75 acres
- Unlined but final cap and cover
- Contains 28 methane collection wells
- Possible redevelopment

# Landfill – Site and Disposal

- Landfill No. 2 covers approximately 29 acres
- Developed with 4 distinct cells
- Side slopes of Cells 1, 2 and 3 have final cap and cover
- Currently filling in Cell 4
- Contains 29 methane collection wells and two cleanout points

# Landfill – Site and Disposal

- Disposed of 94,636.54 tons in 2011 permitted for 96,000 tons
- 8,331.98 tons of garbage city curbside
- 369.32 tons of grit from WWTP
- 35.71 tons of animal control
- 31.03 tons of garbage from BID
- 44.08 tons of garbage from Casey/Falcon Park

# Landfill – Site and Disposal

- 4,337 tons of yard waste, trees and brush from city
- 167.7 tons of yard waste brought in by city residents at no cost
- 35,481 transactions at landfill

# Landfill – Site and Disposal

- Similar to other landfills, varying rate per ton based on committed volume
- Rates vary from \$22/ton to \$72/ton
- Accepted materials for disposal are municipal solid waste, construction and demolition debris, asbestos and grit

# Landfill – Site and Disposal

- 2 landfill operators
- 1 supervisor
- 1 foreperson
- 2 laborers
- 1 clerk
- 1.5 scale house attendant

# Landfill – Site and Disposal

- 1 826 compactor
- 1 D7 bulldozer
- 1 loader
- 1 skid steer

# **Landfill – Site and Disposal**

- Budget Recap

# Landfill – Site and Disposal

- Future disposal options
- Expand on existing site, relocate power lines
- Install overliner on Landfill No. 1
- Close landfill, develop transfer station and contract with nearby landfill for disposal
- Estimated site life of 5-6 years