



Council Workshop

Fuel Conservation Efforts and Future Options

August 12, 2008

Necessity for Fuel Conservation



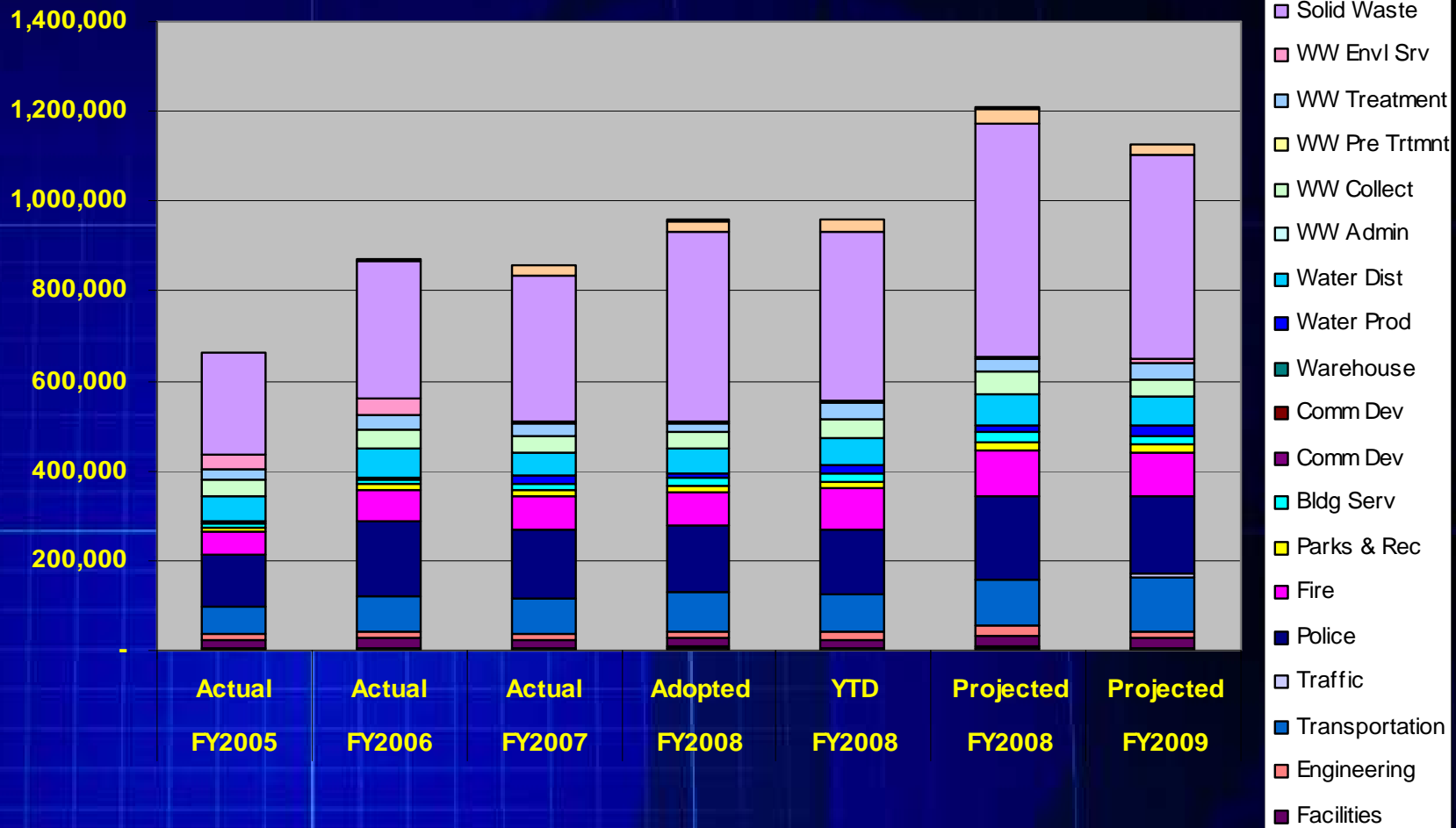
- Saves Money \$\$
- Promotes a Healthy Community
- Protects the Environment



Increase in Fuel Costs

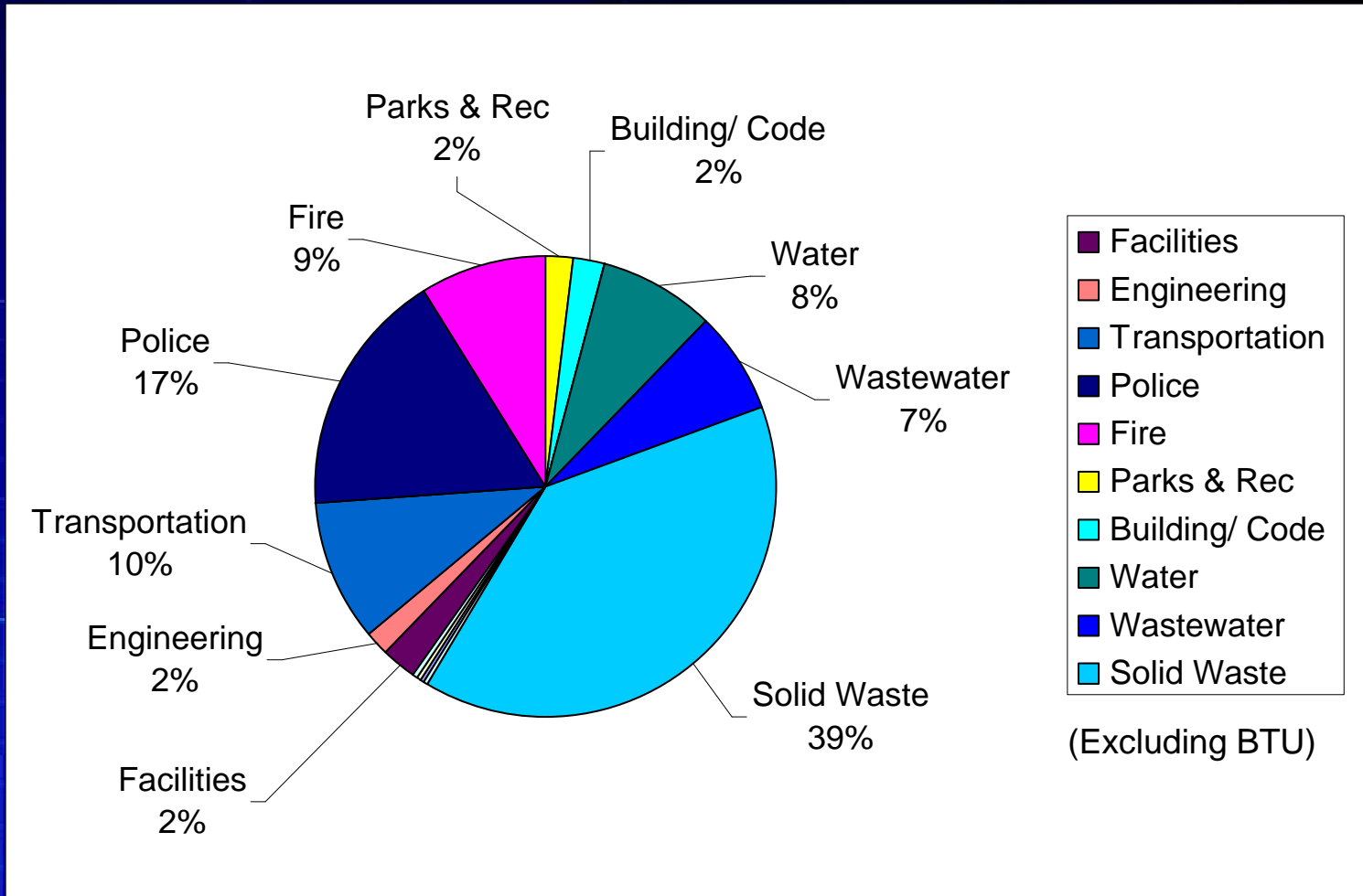


**FY05-FY09 Fuel Recap by Year
(Excluding BTU)**



(Excluding BTU)

Fuel Consumption Analysis



Current Efforts



- ✓ Vehicle Replacement Program
 - First Year
 - Analyzing each vehicle for efficiency
 - Track each vehicle's maintenance and fuel costs
 - Vehicles not in use are eliminated
 - Right-sizing fleet
- ✓ Laptops in vehicles to reduce travel to/from office
- ✓ Anti-idling policies
- ✓ Consolidating trips within the City
- ✓ Route planning to maximize efficiency
- ✓ Routine preventative maintenance
- ✓ Light acceleration/ Non-aggressive driving

Environmental Services



- Implementation of Routing Software and GPS
- Very first hybrid car purchase within COB fleet (excluding BTU)
- Litter assessment workers utilizing one vehicle instead of two
- Pilot program for can delivery
- Researching Bio-diesel



Other Departments



- Police Department - Take-home vehicle program, laptops in patrol cars with routing software, solar charged car batteries and a police substation.
- Fire Department – Idle reduction policy that does not interfere with duty
- Public Works - Radio and Wireless reporting system for workorders
- Building Services – Downsizing vehicles
- Water Services – GPS sewer system blockages, trip consolidation
- Transportation – future purchase of hydrogen/natural gas mix vehicle
- Information Technology (IT) – Pilot program for telecommuting currently in use

Future Options and Areas of Expansion



- **Fleet Analysis Expansion**
 - “Right-sizing” fleet, Telecommuting programs
- **Maintenance of Fleet**
 - Increase the visits and intensity of preventative maintenance
- **Alternative Fuel Sources**
 - Natural Gas, hydrogen, bio-diesel, hybrids
- **Police Services**
 - Use of foot/bike patrols in high density areas
 - Establishing a telephone/internet reporting program for certain calls for service - I.e., Insurance type reports.

Green Team



- Advisory committee comprised of representatives from each City department
- Developing Bryan's Environmental Action Plan
 - Will include fuel conservation policies
- Planning process will examine:
 - Current consumption
 - Future options
 - Implementation strategies
- Measurable goals will be set with realistic timelines





Questions?