

BIOSOLIDS PROCESS TRANSITION TIMING & CIP DELIVERY STRATEGY

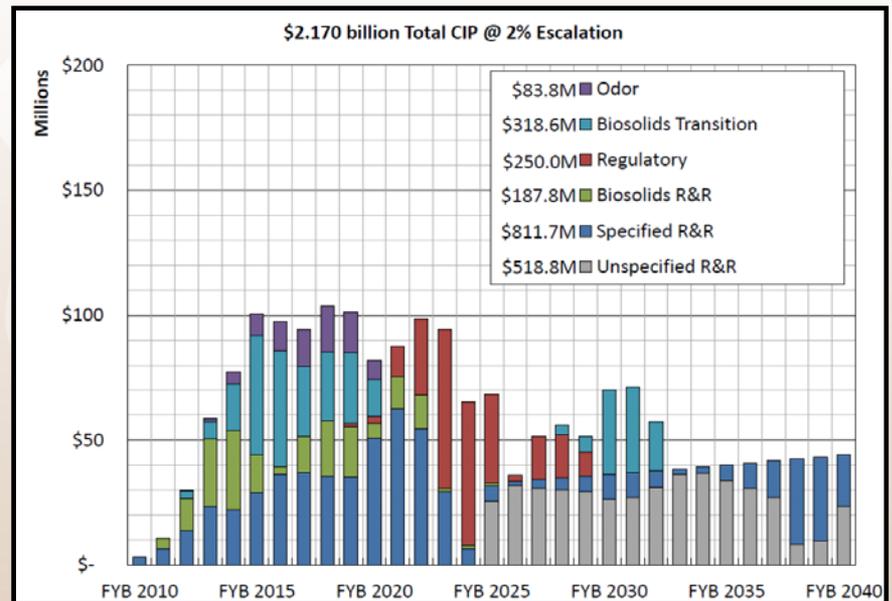
2/14/2012

7.2

Plant Master Plan 2011 Recommendations

\$2.2 Billion CIP Based on 6 Drivers

1. Infrastructure Condition
2. Emerging Regulatory Requirements
3. Reduce Operations & Maintenance Costs
4. Improved Reliability & Performance
5. Capacity for Future Demand
6. Implement Council/Stakeholder Policies



Annual CIP

\$66 million to \$133 million

CIP Delivery Strategy- Three Packages

Package 1

- Repair/ Rehabilitation Projects
 - Headworks Rehabilitation
 - Primary Rehabilitation
 - Secondary Rehabilitation
 - Digester Rehabilitation
 - Electrical Distribution
- Design/Bid/Build or Design/Build
- Current Sewer Rates (Pay As You Go)

Package 2

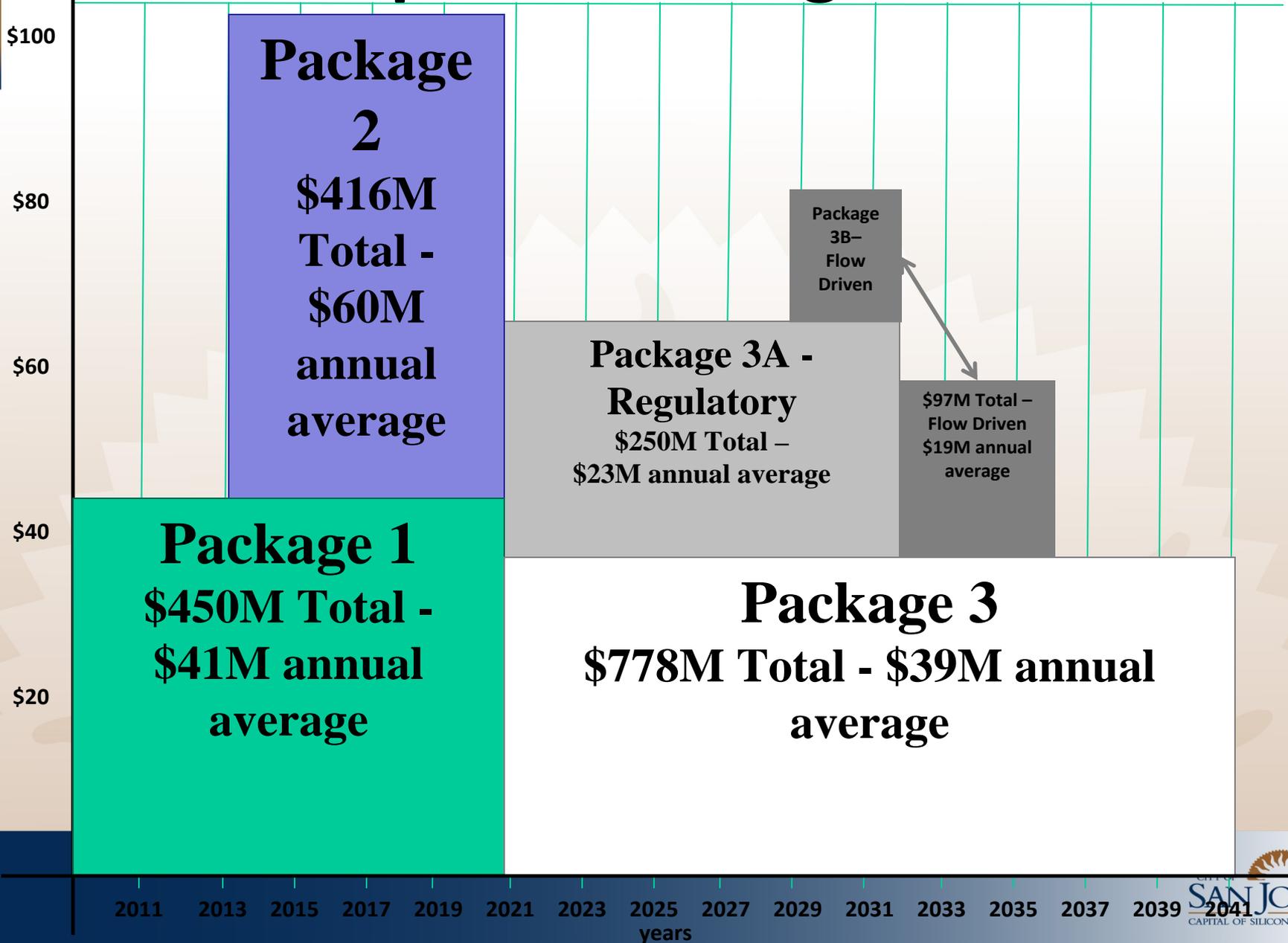
- New Technology
- Independent Projects
 - Legacy Lagoon Clean-up
 - Solids Dewatering and Drying
 - Energy Generation
 - Filter Reconstruction
- Design/Build or Design/Build/Operate
- Bond Financing

Package 3

- Ongoing Repair and Replacement
- Unknown Regulatory Changes
- Future Driven Projects



Three Proposed Packages



Package 2 CIP Delivery Options

- **Design-Build**

One contractor design & construction - method for Airport Terminal Area Improvement Program & currently for Convention Center

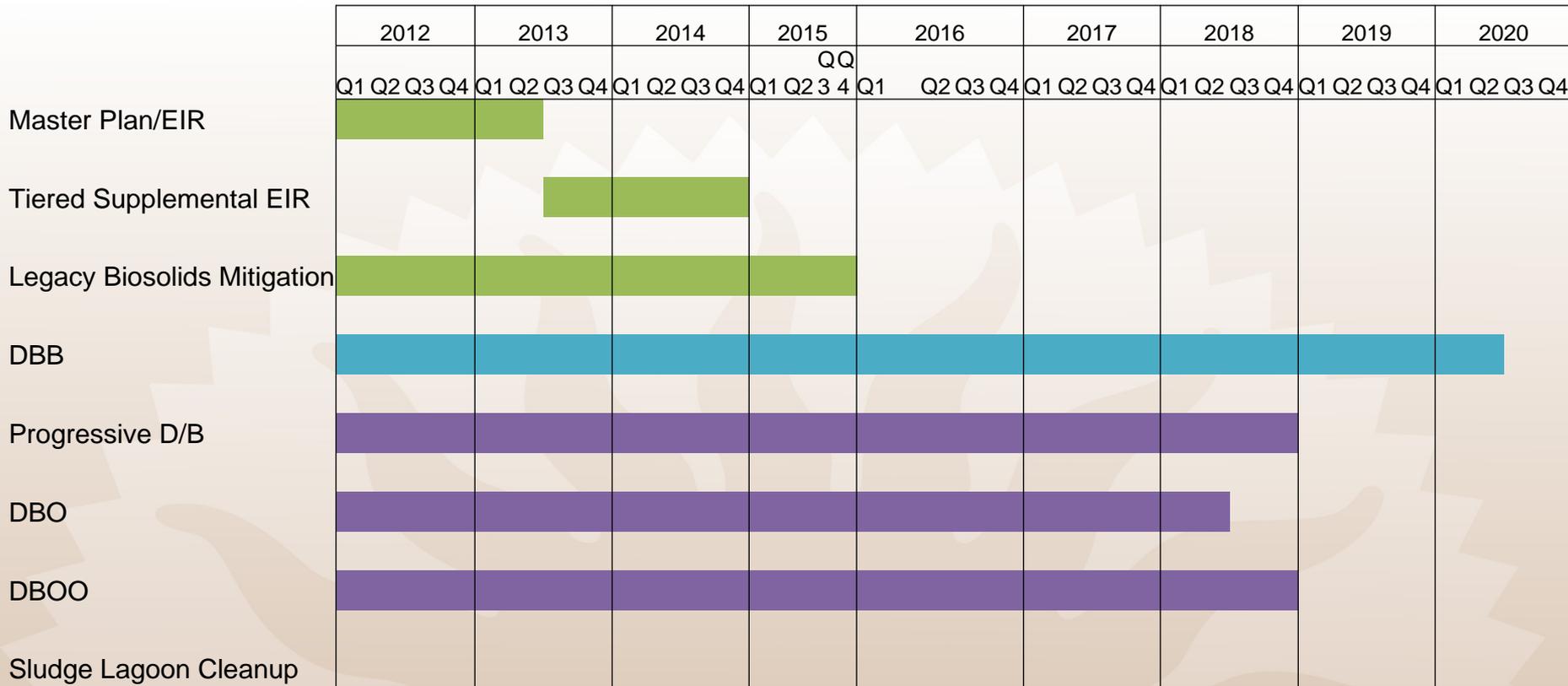
- **Design-Build-Operate**

One contractor designs, constructs, and operates
City retains ownership

- **Design-Build-Own-Operate**

Similar to Design-Build-Operate, except contractor owns facility

Biosolids Schedule Comparison



Next Steps

- RFI for Biosolids Options
- Technology Evaluation for Biosolids
- Program Resources (Consultant and Staff)
- Legacy Biosolids Mitigation Plan
- Financing for Package 2