The City of San Luis Obispo Utilities Department is committed to providing our community the highest level of service, water quality, and environmental protection through careful & effective management of our community resources.

Utilities Department Mission Statement
Opportunity

$9.5 million energy efficiency project

Sign created from reclaimed biofilter
Journey

- Feasibility Discussion
- Preliminary Energy Assessment
- Investment Grade Analysis
- Finance & Implement
The Filter

Environmentally, Socially, and Fiscally Sustainable

Aging Infrastructure Replacement

Treatment Process Synergy

Regulation Independent

18 Considered

9 Final
The Project

WRRF 1 - cogeneration

WRRF 2 – headworks
The Project

WRRF 3 - pumps

WRRF 4 – belt press
The Project

WRFF 6 – filter tower

WRFF 8 - lighting

WRFF 5&7 – flow control meters/ RAS VFD’s
The Project

WRRF 9 – process system control

The Smithsonian requested our printer
TRIPLE BOTTOM LINE

Social
(People)

Environment
(Planet)

Economic
(Prosperity)
1 MILLION pounds of carbon =

- 378 acres of forest planted
- 96 cars off the road
- 69 homes powered
People

For the Love of San Luis Obispo!
Prosperity
Opportunity

Prosperity

People

Planet
Project Construction

- Cogeneration (WRRF 1)
- Solids Management (WRRF 2,3,4)
- Flow Control Meters/RAS VFD’s (5 & 7)
- Filter Towers (WRRF 6)
- Lighting (WRF 8)
- Process System Control (WRF 9)
Solids Management
Solids Management
Solids Management
RAS VFD’s
FLOW CONTROL METERS
Optimizing System Control
Lighting
Discussion

The City WRRF at sunset