

South San Francisco and San Bruno Wastewater Treatment Plant South San Francisco, California

I. Respondent:

Manuel Dos Santos, Lead Plant Operator

II. Treatment Plant Characteristics:

- Wastewater Treatment
- ~100,000 customers served
- 41 employees

III. Innovation:

A. Description

Neuros Turbo Blower; Digester Recuperative Thickening process;
Digester Linear Motion Mixer

B. Type of Innovations

- New treatment process

C. Motivation for Innovations

Economic and secession planning

D. Barriers/Challenges

- Political

E. Effect on Staff Training

This has developed stronger competencies

IV. DROUGHT RESPONSE

Switched 2-water systems to 3-water and replaced water seals with mechanical seals

V. INFORMATION-SHARING

Would be willing to visit another regional water/wastewater facility to provide a presentation on our process/innovation.

Would be willing for a staff member from another water/wastewater utility to conduct a follow-up visit to your utility to learn more about your innovation

- Contact Manuel Dos Santos – phone: 650-829-3851 – email: manuel.dosanstos@ssf.net

VI. INTERESTS

Would like to visit Bay Area agency or agencies that have large thermal bio-solids drying facilities

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