# White Paper on CECs in Wastewater

## Goals for today:

- 1- Consensus on chemical list, prioritize chemicals
- 2- Consensus on chemical section format
- 3- Plan for completion of the paper

### **Chemical List**

```
Triclosan, triclocarban (antimicrobials) – complete
Sulfamethoxazole (antibiotic)
17—estradiol and 17-ethinyl estradiol (hormones)
Atenolol (beta blocker)
Gemfibrozil (blood lipid lowering agent)
Carbamazepine (neuroactive compound)
Chlorinated organophosphate flame retardants (TDCPP,TCPP,TCEP)
Alkylphenols (surfactants)
Atrazine or fipronil? (pesticides)
Quaternary ammonium compounds (surfactants)
Perfluorinated compounds (PFCs)?
Nanoparticles?
```

### **Potential Prioritization**

### Top:

Triclosan, triclocarban (antimicrobials) – complete

Sulfamethoxazole (antibiotic)

17—estradiol and 17-ethinyl estradiol (hormones)

Carbamazepine (neuroactive compound)

Chlorinated organophosphate flame retardants (TDCPP,TCPP,TCEP)

Alkylphenols (surfactants)

### **Medium:**

Atenolol (beta blocker)

Gemfibrozil (blood lipid lowering agent)

#### Low:

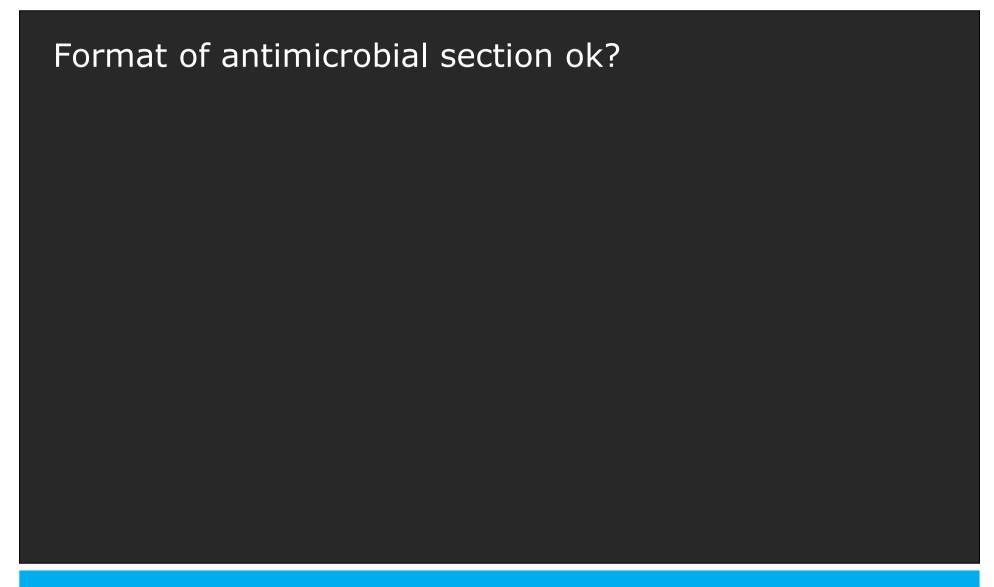
Pesticides

Perfluorinated compounds (PFCs)

Nanoparticles

Quaternary ammonium compounds (surfactants)?

# White Paper on CECs in Wastewater



# White Paper on CECs in Wastewater

Format and outline feedback?

### **Outline**

- Introduction
- Selected chemical list sections
- Priority chemicals for future monitoring
- Management considerations

Fact sheets

# **Funding**

- Original budget \$30,000
- ~\$10,000 (3 chemicals)
- ~\$30,000 needed?
- Potential funding from BACWA
- Other?