

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)?

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Format of antimicrobial section ok?

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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?