

2012 CalDesal Conference: Future of Ocean Desalination in California

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What We Know & What We Don't

- CA Policy on Cooling Water Intakes -- existing power plants [CWA 316(b)]
- Regulations of Cooling Water Intakes -- new power plants [CWA 316(b) & Water Code 13142.5(b)]
- Regulations of Ocean Desalination Intakes -- both “feed water” and additional intake for discharge dilution [Water Code 13142.5(b) & CA Ocean Plan]
- [Note: We aren't discussing the subject today, but there is much more uncertainty in the discharge “technology” to be adopted in the Desal Ocean Plan amendment]

Water Code 13142.5(b)

For each **new or expanded** coastal powerplant or other industrial installation using seawater for **cooling, heating, or industrial processing**, the **best available site, design, technology, and mitigation measures feasible** shall be used to minimize the intake and mortality of all forms of marine life.

OTC Implementation Flow

Example of possible desal intake.

