

OVIVO PFAS DESTRUCTION SOLUTIONS

FOOD AND BEVERAGE

AQUACULTURE

**INDUSTRIAL WASTEWATER
TREATMENT**



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Perfluoroalkyl and polyfluoroalkyl substances (PFAS) compounds in water and wastewaters are monitored and regulated in many parts of the US, Canada and the rest of the world and more, and more restrictions are likely in the near future due to PFAS' negative effects on human health and the environment. Ovivo offers a system designed to remove and destroy (PFAS) from water and wastewater on-site in a manner that is cost effective, permanent, and reliable.

HOW IT WORKS

Ovivo PFAS Destructive Solutions employ a flow sheet centered around an electro-oxidation that converts hazardous PFAS to safe end products of carbon dioxide and fluoride in liquid streams. In contrast to the Ovivo solution, other solutions on the market simply transfer PFAS from the water to solid phase, creating a contaminated (potentially RCRA-hazardous) solid waste rather than destroying the PFAS itself.

TECHNICAL INFORMATION

- Bench scale and pilot studies recommended to determine sizing and design requirements.
- For dilute PFAS streams, Ovivo can provide a pretreatment concentration step to improve efficiency of electro-oxidation.

APPLICATIONS AND MARKETS

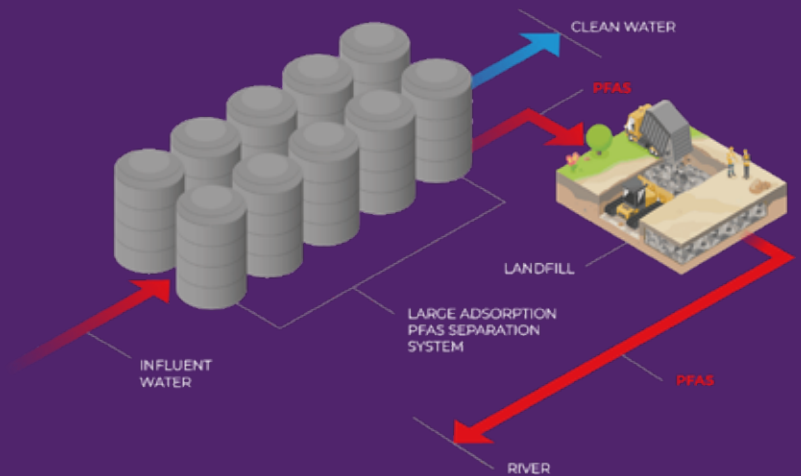
- Wastewater treatment for
 - Leachate streams
 - Contaminated source water streams
 - Surface finishing industry wastewater
 - Electronics industry wastewater
 - Other industrial wastewaters

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FEATURES & BENEFITS

- Low temperature/pressure destruction of per- and poly- fluoroalkyl substances (PFAS) from liquid streams.
- Piloting and rental systems available

CURRENT APPROACH



THE OVIVO SOLUTION

