

Envirogen Integrated Operations Services

Sophisticated Solutions for Complex Operating Environments



Envirogen offers a range of operating and facility management solutions that focus on achieving maximum value from a treatment or process investment. Our expertise starts with our experience in **designing, installing and operating our proprietary technologies and systems** and extends to a much broader range of **Plant Management, Operations and Maintenance Engineering Services** – that are based on the background and extensive experience of Envirogen’s personnel.

Envirogen’s unique blend of technology & equipment expertise, process development and design capability and operating experience makes us a highly competent partner in delivering operating and facility management solutions.

All of Envirogen’s operating solutions have the goal of maintaining optimal performance while delivering the best lifecycle cost. Our experience and expertise allow us to provide guarantees on our projects – for asset life, for performance and for operating and long-term costs. One of the commitments that Envirogen makes in our long-term partnerships with our customers is continuous improvement – **in both operational performance and cost-reduction.**



Treatment System Management ▪ Operations ▪ Maintenance Engineering

Treatment System Management and Operations	Engineering Support Services	Construction & Equipment Service
Plant Management	Maintenance Engineering	Control Systems SCADA, PAC
Comprehensive O&M	Design Review Constructability/Operability	Instrumentation Selection, Installation, Service
Licensed Operator Services	Consulting Services	Electrical Contracting
Computer Based Maintenance Management	Treatability Studies Bench and Pilot Scale	Mechanical Contracting
System Optimization	Process, Mechanical, System Controls	Permanent and Temporary Facilities
Energy Conservation	System Evaluation	New Construction and System Upgrades
Property Management		System Shakedown and Startup
Design/Build (DB) ◦ Design/Build/Operate (DBO) ◦ Design/Build/Own/Operate		

System-Based Operating Services

Today, Envirogen offers a broad portfolio of proprietary equipment systems based on leading-edge technology in biological treatment and physical-chemical treatment for water, wastewater, vapor phase and material recovery applications.

Our experience with these technologies has allowed Envirogen to develop a knowledge-base that makes us uniquely suited to operate these systems, where we offer a range of operations & management solutions - called **Envirogen Lifecycle Assurance Programs**. These programs have a services scope and program length that are based on the needs of our customers and their individual facilities.

The Envirogen Technology Portfolio

Bioreactors	Biofilters	Ion Exchange		Filtration	Phys-Chem	Adsorptive
Fluidized Bed Reactors (FBR)	Built-in-Place (BIP) (High flow)	SimPACK™ (400 gpm+)	FlexSorb™ (5-150 gpm)	Ultrafiltration/ Crossflow	Gas Transfer Membrane De-Aeration	EnviroHPA™ Systems
Membrane Bioreactors (MBR)	B, P, BT/BF, & I-Series (mid-flow)	MinX™ (100-850 gpm)	HyperSorb™ (35-3000+ gpm)	Multimedia Filtration	Demineralization	Cleanit® ZVI
Suspended Carrier Reactors (SCR)	H-Series (low flow)	MinFlex™		Cartridge and Bag Filters	Softening	Granular Activated Carbon Systems
		Service Exchange/ Customer				



Visit our website at www.envirogen.com for more information about Envirogen Integrated Operations Services.

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O&M Areas of Expertise

Groundwater Treatment

Superfund Operations

Food & Beverage Water Management

Industrial Wastewater Treatment

Storm Water Systems

Air & Emissions Treatment