

## ***I-BOX<sup>®</sup> 2-Stage Odor Control Systems Treat H<sub>2</sub>S and Nuisance Odors the World Over...Backed by the Best Odor Control Minds in the Business***

Every wastewater handling and treatment operator can tell you what they want in an odor control and mitigation system: it needs to be cost-effective, low hassle, and – most importantly – it needs to work. The reputation of your wastewater utility, decided every day by the noses of your constituents, depends on it.

When your reputation is on the line, trust the unparalleled experience and odor control expertise of Integrity Municipal Systems (IMS) and its I-BOX<sup>®</sup> 2-stage odor

**“I must say that of all my suppliers on this project, Integrity Municipal Systems was the only one that responded so fast to our needs and executed this project in such a professional way.”**

Munawar Malim  
Senior Project Engineer of OVCC,  
Riyadh, Kingdom of Saudi Arabia  
Al Bustan Utility Plan

control system. The I-BOX<sup>®</sup> system utilizes two process stages: a biological treatment stage that uses sulfur-oxidizing bacteria with an inert, irrigated media to remove hydrogen sulfide and volatile organic sulfur compounds; and an adsorption stage that utilizes activated carbon to remove residual H<sub>2</sub>S and other odorous organic compounds. The biological treatment stage offers low-cost, dependable, long-term odor control with decades of demonstrated successful use, while the second adsorption stage provides final odor polishing capacity and functional odor control immediately upon installation.

The I-BOX<sup>®</sup> system's compact design is factory assembled and tested prior to delivery. The I-BOX<sup>®</sup> system is manufactured from quality components designed to withstand highly corrosive operating environments using fiberglass reinforced plastic (FRP), stainless steel, and PVC piping. The simplicity of the I-BOX<sup>®</sup> 2-stage odor control system ensures plug-and-play installation, easy operation, low maintenance, and low operating costs, all



while providing consistent performance and reliability. Utilizing non-proprietary consumables for the inert media and nutrients means autonomous operation with no expensive, hazardous chemicals.

With systems performing throughout the Middle East, and Central and South America, in addition to the USA, IMS's commitment to

its products and clients knows no geographic limits. IMS and the I-BOX<sup>®</sup> 2-stage odor control system are trusted with critical H<sub>2</sub>S odor control the world over.

### **IMS I-BOX<sup>®</sup> 2-Stage Odor Control System**

**Compact Design** – short residence time = smaller, more efficient footprint

**Quality Components** – constructed of materials designed for the harsh operating environments

**Plug-and-Play Installation** – pre-piped, pre-wired, and quality-tested at the factory

**Low Maintenance** – only nutrient replenishment and fan lubrication required

**Low Operating Costs** – long media bed life and low pressure drop minimize expense

**Non-proprietary consumables** – inert media and nutrients



*I-BOx® 42 - Middle East*



*I-BOx® 5000 - South America*



*I-BOx® 8010 - North America*



*I-BOx® 6000 - North America*



*I-BOx® 7000 - South America*



*I-BOx® 8000 - North America*



*I-BOx® 6000 - Middle East*



*I-BOx® 6000 - South America*



*I-BOx® 7000 - Middle East*



*I-BOx® 7000 - North America*



*I-BOx® 7000 - South America*



*I-BOx® 7010 and 7020 - Middle East*