



Lift Station



Wastewater Treatment Plant,  
Headworks with Grit Removal Area



#### 130 CFM Vapor Phase

OMI's 130CFM Vapor Phase System being used in Lift Stations and smaller odorous areas like the Headworks.

Municipal and industrial wastewater treatment plants generate strong, unpleasant odors in varying degrees throughout the treatment process: pump stations, headworks, primary clarifiers, digesters, lagoons, and sludge handling areas. The odors generally associated with these processes – which include hydrogen sulfide, ammonia, sulfur dioxide, skatoles, mercaptans, amines, and indoles – are a nuisance not only to employees, but to nearby businesses and residential developments as well.

Each plant has its own particular problem areas, all of which can be remedied with the atomization of Ecosorb® odor control solutions at strategic points to control these odors. OMI Industries has been solving tough industrial odor problems since 1989.

## PRODUCT INFORMATION

- Ecosorb odor control solutions are effective against both organic and inorganic odors
- Ecosorb systems create a neutral atmosphere where the malodor is removed, not masked – no replacement odor is created
- Ecosorb solutions are non-toxic, biodegradable, and safe to use in even the most confined areas
- Ecosorb solutions contain no hazardous volatile organic compounds (VOCs) as determined by the United States EPA Methods 624 and 8260

## IDEAL FOR THESE AREAS

- Lift Stations/Pumping Stations
- WWTP Headworks Areas (including grit removal)
- Primary Clarifiers
- Digesters
- Sludge Handling Areas





### 600/1200 CFM Vapor Phase

Providing odor control in many applications, consider using OMI's Vapor Phase Systems. No water is used with these systems! Vapor ducting carries the Ecosorb product in submicron form to the source of the odor, neutralizing it on contact. There are no nozzles to plug making this system virtually maintenance free.

## ECOSORB ODOR CONTROL SOLUTIONS

Your OMI representative will perform a comprehensive site assessment and recommend equipment suitable for your particular needs. Whenever possible, our team will use existing odor control hardware (e.g. scrubbers) to apply Ecosorb odor control solutions; in situations where there is no current system in place to control odors, our team will provide options.

Once an Ecosorb odor control system is in place, there is very little need for adjustments or maintenance. Most systems are operated on an "as needed" basis, and switched on when the odor reaches a certain perceived level, while others kick on automatically based on wind direction, when air currents cause the odor to travel toward neighboring businesses or residential developments. Design and implementation of the ideal Ecosorb odor control system for your business is a cooperative process between you and your OMI representative that takes these and many other variables unique to your site into full account.



Primary Clarifier



Solar Sludge Drying Area



Sludge Storage Area



Primary Clarifier

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