



EXAMPLES OF BOC VOC ODOR CONTROL PROGRAMS

BIO-ORGANIC CATALYST (BOC) VOC ODOR MANAGEMENT PROGRAMS

BOC based VOC odor management systems provide the world's highest performance standards in eliminating noxious odors and hazardous VOCs.

- Extremely cost effective due to the ability to be delivered through water based spray systems at high dilution levels.
- BOC based systems are the next generation green chemistry, both exceptionally safe to use and able to provide accelerated bioremediation of the toxic biological conditions which produce odors.
- Used successfully in installations throughout the world to solve the toughest jobs.
- Simple, flexible, and immediately effective upon contact.
- Neutralizes ammonia, hydrogen sulfide and hydrocarbon type noxious VOC compounds in solid waste, organic composting, and sludge treatment.

NEW YORK CITY RESIDUAL WASTE FACILITY



ODOR CONTROL IN NEW YORK CITY RESIDUAL WASTE FACILITY (COMBINATION OF GRIT SCREENING AND FOG's)



WASTE TRANSFER STATIONS TORONTO, CANADA



WASTE TRANSFER STATIONS TORONTO, CANADA




BOC AUTOMATIC ODOR CONTROL SYSTEM FOR GARBAGE TRUCKS - TORONTO, CANADA

The spray bar is attached above the opening of the garbage truck.

Spray wand is used to spray BOC solution onto garbage spills on the pavement.



BOC AUTOMATIC ODOR CONTROL SYSTEM FOR GARBAGE TRUCKS - TORONTO, CANADA



Flexible sprayer for small odor control problems, garbage cans, spills, etc.

20 Liter BOC
solution tank

BOC AUTOMATIC ODOR CONTROL SYSTEM LOCATED OVER THE BACK OF THE GARBAGE TRUCKS - TORONTO, CANADA



AUTOMATIC SPRAY MISTING SYSTEM INSIDE THE BACK OF TRUCK



ODOR CONTROL FOR THE GRIT SCREENING SCREW CONVEYOR OPERATION MISSISSAUGA WWTP, CANADA



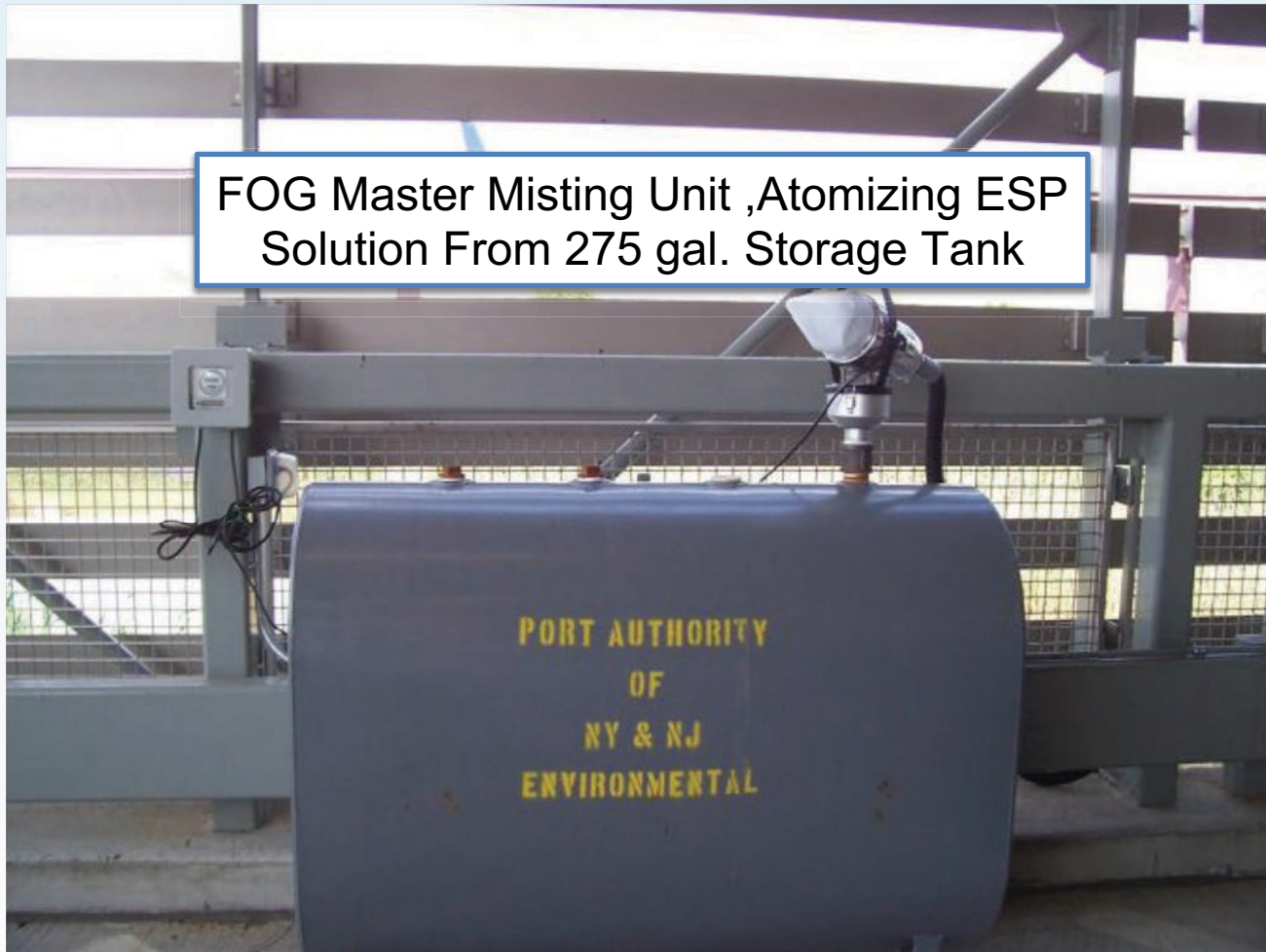
BOC ODOR CONTROL USING A MISTING SYSTEM



ODOR CONTROL MISTING SUPPLY PUMP



BOC ODOR CONTROL FOR 7 MILE DRAINAGE CANAL - PORT AUTHORITY OF NEW YORK/NJ



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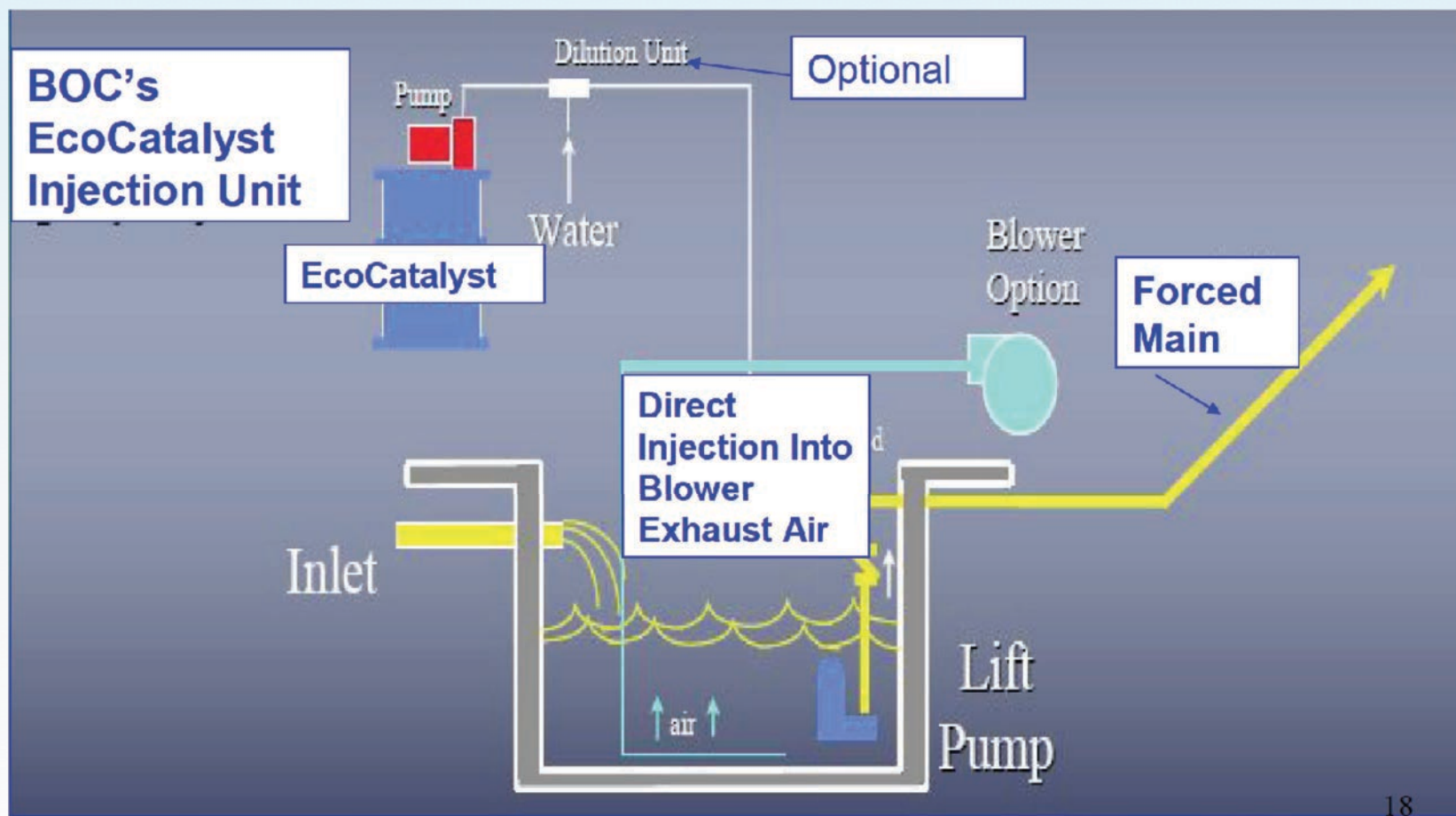


From A Remote Location:
FOG Master Misting Unit,
Atomizing ESP Solution
From 55 gal. Drum.

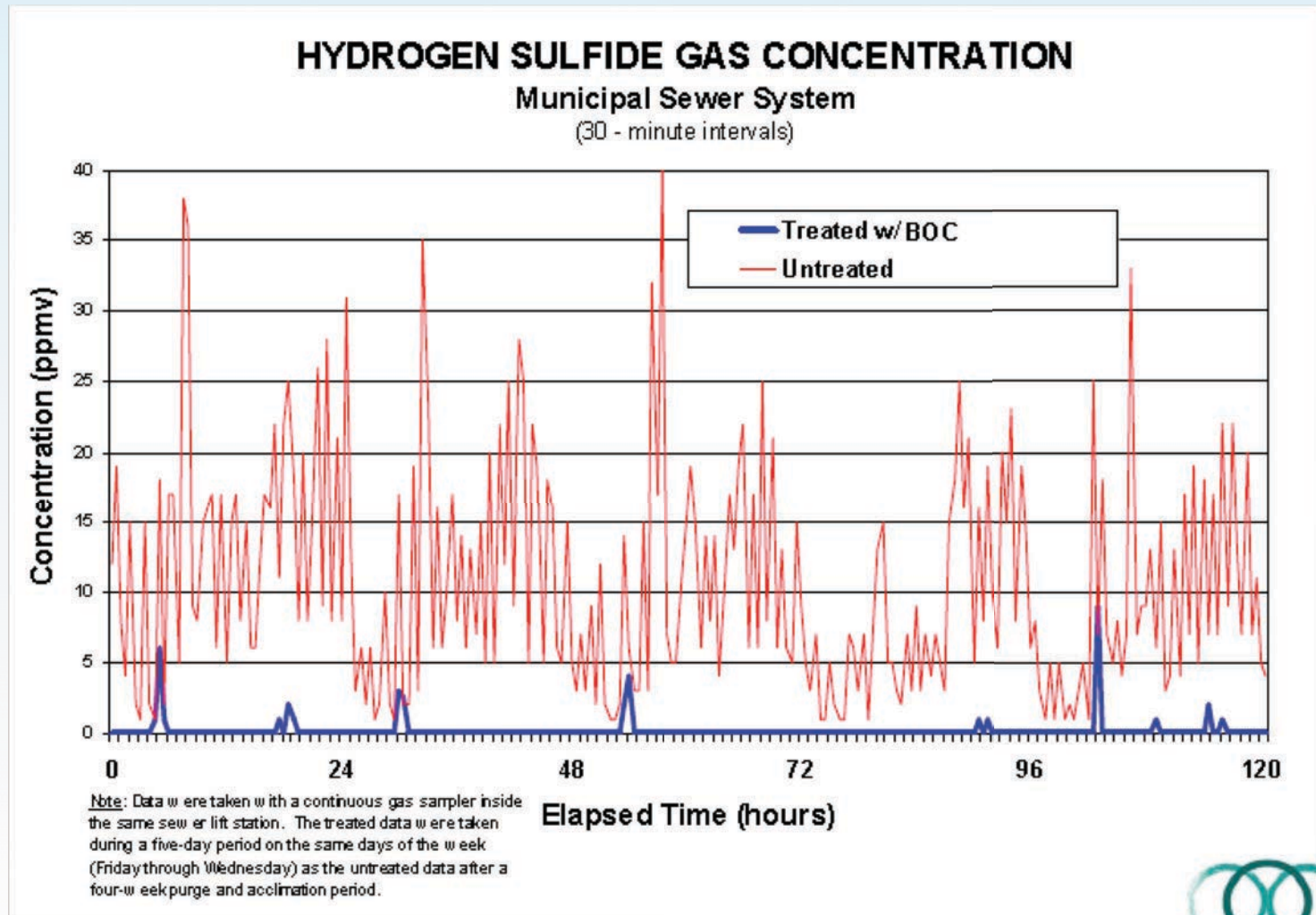
BOC ODOR CONTROL FOR 7 MILE DRAINAGE CANAL - PORT AUTHORITY OF NEW YORK/NJ



BOC'S WET WELL HYDROGEN SULFIDE ODOR CONTROL PROGRAM



ODOR CONTROL FOR COLLECTION SYSTEMS



ODOR CONTROL FOR COLLECTION SYSTEMS

- Radical change in H₂S gas levels.
- Peak H₂S reduced from 40 PPM to 8 ppm.
- Most H₂S after treatment was 0 ppm.
- Results lasted several days after test.
- Very inexpensive installation.

IMPROVED MUNICIPAL ANAEROBIC DIGESTER PERFORMANCE WITH LOWER ODORS



BOC FOR ODOR CONTROL ON WWTP BIO-SOLID SLUDGE AFTER BELT PRESS OPERATION, CALI, COLUMBIA, SA



HAND APPLICATION OF BOC FOR ODOR CONTROL ON BIO-SOLIDS, CALI, COLUMBIA, SA



ODOR CONTROL IN LARGE AG-BAG COMPOSTING OPERATION



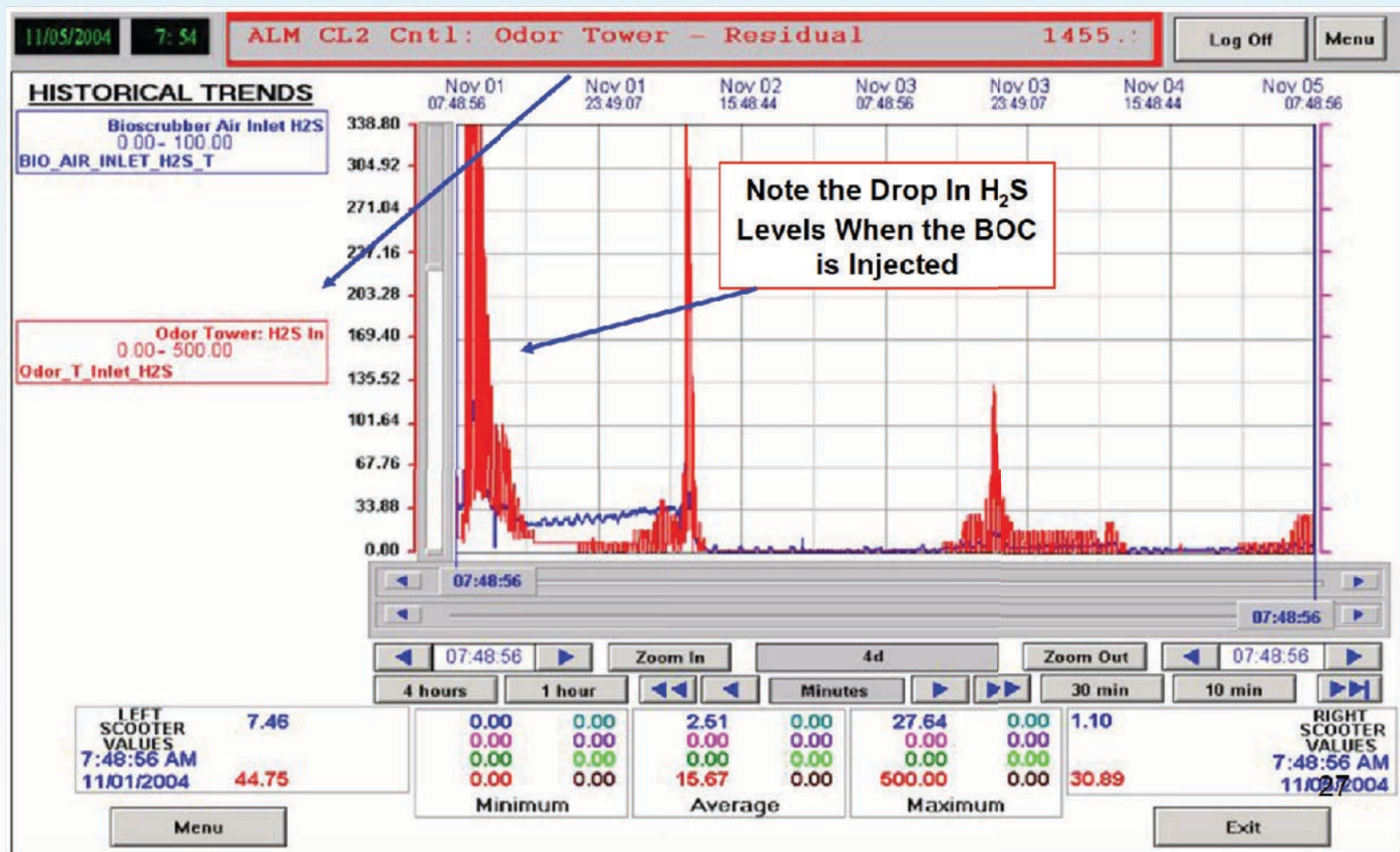
BOC INJECTION STATION - ODOR CONTROL IN LARGE COMPOSTING OPERATION



BOC INJECTION POINT - ODOR CONTROL IN LARGE COMPOSTING OPERATION



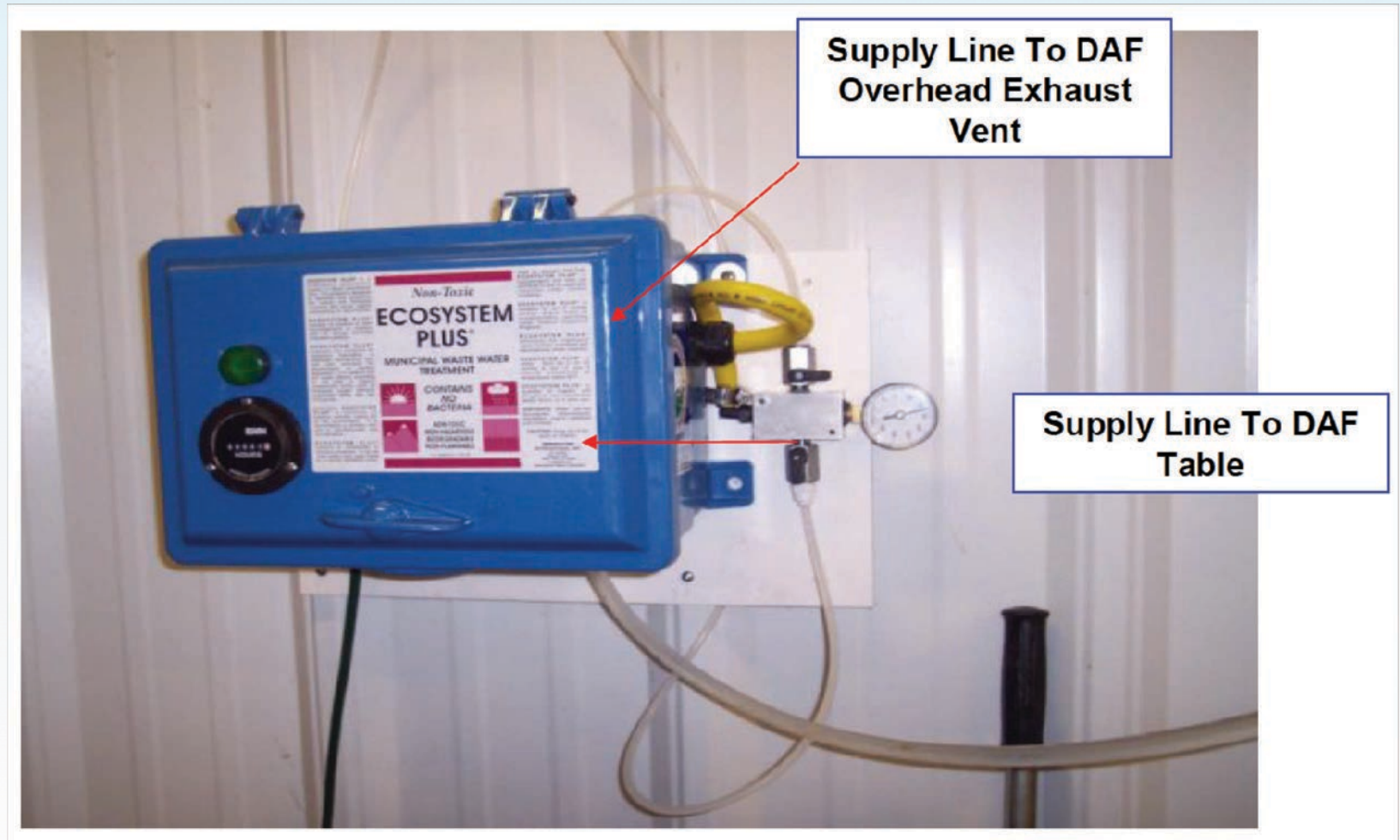
START OF H₂S/ODOR REDUCTION PROGRAM WET CHEMICAL SCRUBBING TOWER IN A LARGE CT. WWTP



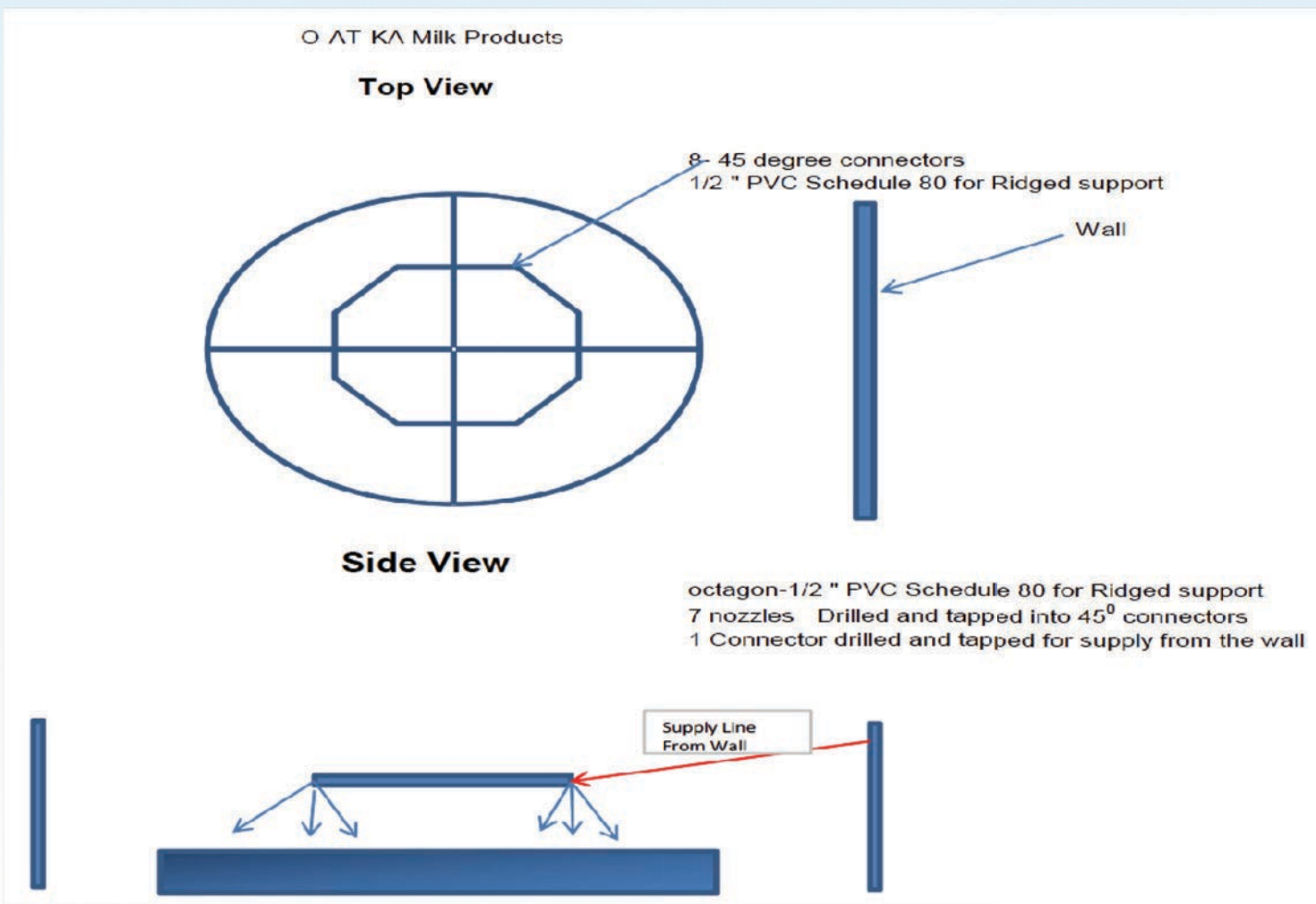
BOC ODOR CONTROL SYSTEM IN A DAIRY WASTEWATER FACILITY



ECOSYSTEM PLUS ODOR CONTROL SYSTEM



BOC SOLUTION SPRAYED ONTO SURFACE OF DAF UNIT FOR ODOR CONTROL



LOCATION OF ROOF EXHAUST NOZZLE FOR OUTSIDE ODOR CONTROL



For VOC Odor control questions on specific applications, please contact:

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