



# CASE STUDY

## Waste Water Treatment Plant



Don Alshouse, Salesman



**P**roblem: "The customer calls in with a noise issue and wants to discuss sound enclosures because the neighbors are complaining of noise from the blower packages approximately 1100 feet away. Even though the packages are inside a building, the air inlet filters are outside the building. Two of three blowers run during normal operation and the noise levels are between 105 dBa and 112 dBa about 3 feet away. The levels at the houses 1100 feet away are less than 65 dBa."



Stoddard Silencer C26



**S**olution: "The customer wants to purchase an enclosure for the air inlet filters but I explained that they have a frequency issue rather than a noise issue. A cheaper solution is to try a Stoddard model C26 absorption silencer between the air inlet and blower package. They could test one unit before spending the money to change all three units. After installing the first silencer the customer called and order two more. They notice a difference immediately. Awhile later I return to the site and measure the noise levels. This time the noise levels are between 83 dBa and 85 dBa at approximately 3 feet. Their problem is solved! The customer saved money and their neighbors are enjoying peace and quiet again. Everybody is happy."