

A COMMITMENT TO INCREASING EFFICIENCY WHILE REDUCING OPERATING COSTS

BCDES constantly identifies opportunities to reduce operating costs. Efficient resource management, proactive maintenance, employee training, and appropriate use of automation and new technology allow us to meet increasing demands for services and environmental challenges while making the best use of our financial resources.

Upper Mill Creek Water Reclamation Facility— chemical feed system

BCDES wastewater operators worked with project engineers to design an automated chemical feed system for the Upper Mill Creek facility. The automated process saves almost \$100,000 in chemicals. More effective chemical use also helps BCDES protect the environment and consistently meet Ohio EPA permit limits.

Biosolids contract with Cincinnati MSD

BCDES' nationally recognized Environmental Management System helps us manage our biosolids at the lowest cost to our rate payers. In 2007, BCDES reduced biosolids disposal costs by entering into a five-year contract with the Cincinnati Metropolitan Sewer District of Greater Cincinnati for biosolids incineration.



Reducing lost water

BCDES cut the time it takes to repair a water line leak from an average of 3.2 days in 2002 to an average of 1.6 days in 2007. Reducing repair time saved the department more than \$100,000 in staff time and lost water.

Recycling programs enhanced for all county residents

In 2007, BCDES initiated a long-term recycling program for all areas of Butler County. All residents have access to residential recycling through curbside collection or one of 22 new drop boxes conveniently located throughout the county.

Oil analysis for equipment optimization

BCDES routinely analyzes equipment oil for signs of mechanical wear. Microscopic metal shavings, for example, may indicate bearing failure or alignment problems. By identifying problems before the equipment fails, we are able to save on downtime and the cost of repair or replacement.