



2002 CAPITAL BUDGET
CONFIDENTIAL

VCM INCINERATION

REDUCE INCINERATOR STACK EMISSIONS (HCL) FROM THE GAS INCINERATORS

Description:

HCL emission reduction will come from a new distributor design and the addition of a clean Demin water spray above the caustic circulating packed section. Flow control improvements (automatic valve) to the water spray above the acid absorber section will also significantly improve emissions.

Justification:

The benefits of this project would be cost savings and environmental. Savings for the plant would be realized in lower maintenance costs due to less equipment corrosion. The estimated annual maintenance cost for corrosion is \$750,000. Approximately 60% of the corrosion occurs in the area near the (three) scrubber vents.

Capital Cost: \$70,000 will be needed for the improvements. The new distributors are \$20,000 each.

Defensive:

Environmental:

High Rate of Return:

Safety:



IRR:

ROI:

Payback:

Basis