



Lyon County, Nevada operates this sewage treatment substation. Largest tank is an enzyme process tank where 55,000 gallons per day is treated. This tank has been painted white to block summer heat, but enzymes would freeze in winter. They have painted the tank black to keep it from freezing in the winter, but would kill the enzymes by overheating in the summer. It was very costly to have to buy new bugs to charge the tank each time it froze or over heated.



Lyon County was looking at insulating this tank using a rock wool and aluminum skin system at a cost of \$25,000-\$40,000.00. Each time they had to restart the process, it cost several thousand dollars.



Our Reno area dealer, Jim Johnson recommended they try 2 coats of Thermo-shield Exterior and even offered to apply it for almost no labor cost. The county engineers were very skeptical about a thin layer of paint providing so much benefit, but approved the project for spring 2007

These pictures were taken 1 year after application. They have had no need to re start the system, summer or winter. The technician in picture, who controls this system tells us “ tank now stays within a couple of degrees of temperature of product coming in, summer or winter.”

