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EXHIBIT 9
DATE Jan 16, 09
HD Chairman
Steve Caldwell
HB 11
Vice Chairman
Vicki Blakeman

Commissioners
Mary Beebe
Rick VanAken
Juliann Jones

Montana Department of Commerce Treasure State Endowment Program
Project Number 56
City of Livingston – Wastewater and Solid Waste System Improvements

Montana Department of Natural Resources and Conservation
Renewable Resource Grant and Loan Program
Project Number 72
Livingston Anaerobic Digester Improvements and Composting

The City of Livingston is proposing to construct an in-vessel composting facility to combine yard waste, sludge, and food scraps to create compost for use in community projects. The project will require the purchase of a gravity filter dewatering container and rehabilitation of the primary anaerobic digester at the City's wastewater treatment plant. The estimated total cost of the project is \$1,468,250.

At this time, the City annually spreads approximately 220 tons of sludge generated by its wastewater treatment plant on property owned by the City or on property contracted for use with private landowners. The City also operates an "open air windrow" yard waste-only composting system. The City contracts with Montana Waste Systems, Inc. to haul and deposit solid waste to High Plains Sanitary Landfill in Great Falls. The City's current sludge disposal and yard waste-only composting systems have the following deficiencies: (1) sludge applications may not comply with future Montana Department of Environmental Quality (DEQ) permitting requirements, (2) odor and vector problems are reported as part of the composting system, and (3) the anaerobic digesters have been in operation for nearly 50 years and are in need of rehabilitation.

The proposed project works to achieve solid waste management goals detailed in the Montana Integrated Waste Management Act (75-10-801 MCA) and the Montana Integrated Solid Waste Management Plan. The overall goal of the Act and the Plan is to reduce, by 25 percent, the volume of solid waste that is either disposed of in landfills or incinerated. The project will achieve these goals by diverting organic material from the landfill and sludge from land application and will use them to develop a new beneficial resource—compost.

The City is pleased to report that it successfully implemented the glass pulverizer project it presented to the legislative subcommittee in 2007 for a \$100,000 DNRC Renewable Resource Program grant. The grant supported the purchase of a glass pulverizer and a portion of the expenses associated with constructing the City's new Transfer Station and Recycling Center. Park County residents and businesses are depositing glassware at the new Center and the City is pulverizing it for use in community projects. The City is proud to implement this successful glass re-use program and is committed to diverting more waste from landfills.

