

L. AUGERT	✓
E. LAMM	✓
J. BLAW	✓

MEMORANDUM TO: Board of County Commissioners  
Mesa County, Colorado.

FROM: Richard J. Mandeville, Engineer

SUBJECT: News releases regarding proposed sewer service to two-thirds of the Redlands via a lift station near Brach's Shopping Center.

DATE: December 28, 1972.

As we all know, it is possible to do almost anything if the money is available, even to the extent of pumping sewage from Mack back to Grand Junction. We also know that once such a plan is initiated all future efforts are locked into the original concept and any modifications are almost impossible. A few years ago the City of Grand Junction decided to abandon their ambition to construct a new sewage treatment facility which would have served about 75 percent of the Redlands area and decided to modernize and enlarge facilities at the present location. As a result, the present plant has capacity to serve most of the Grand Valley which is naturally tributary to the plant. A larger and more modern lift station to serve the meat packing plant, Brach's Shopping Center, Rosevale, Little Park, Country Club Park and areas generally located east of the Redlands Power Plant is probably feasible and with minor modifications a gathering system for these areas could be rerouted further west if the need develops. However, any attempt to provide service west of these areas will involve extremely high construction costs unless sewer designs can be coordinated with highway designs for an alternate highway route which would gradually ascend to the top of the bluff south of the Colorado River, with maximum elevation of its westerly end.

In any event, if the major portion of the Redlands area is to be serviced by the present Grand Junction plant, prospects are excellent that the existing facilities will eventually be inadequate to serve all the areas naturally tributary to it. This means that the city will be locked into its present site or extremely expensive facilities will become useless and prohibitively expensive modifications will become necessary.

We can all sympathize with the desire of the City of Grand Junction to utilize available sewage treatment capacity, as rapidly as possible, but some group of citizens which are not completely influenced by this desire must become involved in this problem.

Although the brief comments contained in this memorandum are based on considerable study, I think the average layman who is familiar with the Redlands area will

at least agree that sewage collection systems on the Redlands are not simple and any attempt to defy the natural advantages of terrain further compounds the problems.

This memorandum is being sent to you as representatives of the entire community with the hope that a completely unbiased approach to a very serious problem for the future may be taken.

Little attention is given to the fact that there is a large number of Registered Engineers residing in Mesa County. Although they are not all members of an organization, the Ute Chapter of Professional Engineers of Colorado is active and represents many of these professionals. To assist the community, it would seem appropriate to ask officers to designate some qualified members to examine any proposals which are developed and assist the public in making the correct decisions. Most of these professionals are not only engineers, but are concerned residents of the community. The president of the Ute Chapter is Mr. Jack Munro of Munro Supply in Grand Junction.

Signed: Richard J. Mandeville, by cc.  
Richard J. Mandeville, P.E.-L.S.

RJM:pc

cc: Mr. Jack Munro