



City of Grand Junction, Colorado 81501
250 North Fifth St.,

May 23, 1983

Ms. Patricia Nelson
Public Health Engineer
Permits and Enforcement Section
Water Quality Control Division
Colorado Department of Health
4210 East 11th Avenue
Denver, Colorado 80220

Dear Mr. Nelson

Re: Permit Application for the New Wastewater Treatment Plant, Mesa County

This will respond to your letter of May 11, 1983 concerning clarification and additional information for our NPDES permit application.

1. Facility Representative

Jerry O'Brien
Wastewater Facilities Supervisor
City of Grand Junction
250 North 5th Street
Grand Junction, CO 81501
PH: 244-1577

Legal Contact

James E. Patterson
Director of Public Works and Utilities
City of Grand Junction
250 North 5th Street
Grand Junction, CO 81501
PH: 244-1557

2. The population projections in Item 6 of the permit application were obtained by multiplying the average number of sewer taps issued per month in the 201 service area with the average number of users per tap. These numbers are described by the astericked material in Item 5. They were derived from Utilities Billing and Building Department data.

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In addition, the City/County Planning Dept. has prepared employment-expectation population projections, as follows: 1985 - 62,350; 1990 - 72,000; 1995 - 76,800; 2000 - N/A. The 1982 population was estimated by them as 61,430 persons in the 201 service area.

3. Item 37 was marked correctly. No raw wastewater will be utilized for land treatment.

The narrative accompanying Item 37 refers entirely to sludge cycling; the description and attachment 37 should therefore be considered as part of Item 39.

Additional detail on sludge management is now available. A decision on sludge utilization on land will be made no later than spring of 1985, and perhaps as early as spring 1984. Until then, sludge will continue to be disposed of at the Mesa County Landfill. The City of Grand Junction currently hauls the sludge. Mesa County, and its landfill operator, CDI, are the final recipients of the sludge. Preliminary information on particular farm lands that will ultimately use the sludge, and on a possible sludge hauler, is enclosed as a supplemental attachment for Item 39.

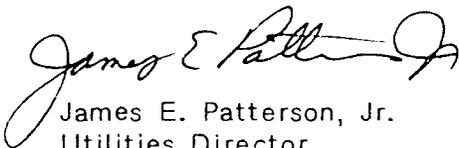
For your information, the City is planning to explore the economic and legal feasibility of off-site land application of treated effluent. A portion of the plant grounds will be irrigated with treated effluent. Approximately five acres of lawn area will be sprinkle irrigated, and five acres of nursery (on the plant expansion site) will be furrow-irrigated.

4. Our best estimates of the dates for the following items are:

- Completion of plant construction: May, 1984
- Operational status of plant attained: January, 1984
- Completion of construction of interceptors: Aug., 1984

Please let me know if you require any further information for permit issuance.

Yours truly,



James E. Patterson, Jr.
Utilities Director

Enclosures

cc - Ralph Sterry, Utilities Sup't. ✓
Pete Heye, HDR
Dick Bowman, District Engineer
File