

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office AUG 20 1985

Returned to applicant for correction

Corrected application filed

Map filed AUG 20 1985

The applicant McGill-Ruth Consolidated Sewer & Water General Improvement District

P.O. Box 1376 of McGill, Nevada

Street and No. or P.O. Box No. City or Town

89318, hereby make application for permission to appropriate the public

State and Zip Code No.

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

1. The source of the proposed appropriation is Underground Sources (Well No. 2) Name of stream, lake, spring, underground or other source

2. The amount of water applied for is 1 c.f.s. second-feet One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet

3. The water to be used for Municipal Purposes Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

(a) Irrigation, state number of acres to be irrigated

(b) Stockwater, state number and kinds of animals to be watered

(c) Other use (describe fully under "No. 12. Remarks")

(d) Power:

(1) Horsepower developed

(2) Point of return of water to stream

5. The water is to be diverted from its source at the following point in the NE 1/4 SE 1/4 of Section 28, Describe as being within a 40-acre subdivision of public

T.17 N., R.62 E., M.D.B. & M., whence the Southeast Corner of Section 34, T.17N., survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.

R.62 E., M.D.B. & M. bears S.38°23'30"E., 9,933.50 feet distant.

6. Place of use SW 1/4 NE 1/4, S 1/4 NW 1/4, N 1/4 SW 1/4, SW 1/4 SW 1/4 of Section 3, SE 1/4 NE 1/4, SE 1/4 of Section Describe by legal subdivision. If on unsurveyed land, it should be so stated.

4, all in T.16 N., R.62 E., M.D.B. & M.

7. Use will begin about January 1st and end about December 31st, of each year. Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) The water will be pumped through a pipeline State manner in which water is to be diverted, i.e. diversion structure, ditches and to a 700,00 gallon storage tank, then piped throughout the proposed place of use. flumes, drilled well with pump and motor, etc.

9. Estimated cost of works \$1,229,000.00

10. Estimated time required to construct works..... 5 years
If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use..... 10 years

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

This application will be used in conjunction with Application No. 48608, as a backup and supplemental municipal water supply to New Ruth at the rate of 376,000 gallons per day, 365 days per year, for a total annual consumption of 137.24 million gallons. (See attached Exhibits A & B for the system requirements.)

By s/Richard Forman
Richard Forman, Agent
P.O. Box 150
Ely, NV 89301

Compared tw/jf js/bc

Protested.....

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level. This well shall be equipped with a two (2) inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. A totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and accurate measurements must be kept of water placed to beneficial use. The totalizing meter must be installed before any use of water begins, or before the Proof of Completion of Work is filed. This source is located within an area designated by the State Engineer, pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.

This Permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

This permit is issued under the provisions of NRS 534.120(2) as a preferred use. The total combined duty of water under Permits 48608 and 49289 shall not exceed 137.24 million gallons annually.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 1.0 cubic feet per second, but not to exceed 137.24 million gallons annually.

Work must be prosecuted with reasonable diligence and be completed on or before October 17, 1987

Proof of completion of work shall be filed on or before November 17, 1987

Application of water to beneficial use shall be made on or before October 17, 1990

Proof of the application of water to beneficial use shall be filed on or before November 17, 1990

Map in support of proof of beneficial use shall be filed on or before.....

Completion of work filed..... IN TESTIMONY WHEREOF, I PETER G. MORROS

Proof of beneficial use filed..... State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 24th day of April

Cultural map filed..... A.D. 1986

Certificate No. Issued.....

Peter G. Morros
State Engineer

EXHIBIT A

SECTION V

PROPOSED WATER SYSTEM FOR RUTH

DESIGN CRITERIA

1. Population 752 (235 service hook-ups)
@ 3.2 people per hookup

2. Water Consumption
 - a. Average day 200 gpcd
150,400 gallons per day
104 gpm
 - b. Maximum day 2.5 times the average day
500 gpcd
376,000 gallons per day
261 gpm

3. Distribution Storage

Distribution storage is equal to the sum of two components:

 - a. Peaking storage
 - b. Fire reserve
 - a. Peaking storage 2.5 times the average day's demand = 376,000 gallons
 - b. Fire reserve Flow of 1,350 gpm for a duration of 4 hours = 324,000 gallons

The total distribution storage requirement for Ruth is approximately 700,000 gallons

4. Water Quality

Water quality should meet the standards set forth by the U.S. Public Health Service and the State of Nevada, Department of Health

Note: Design Criteria meet the standards set forth by the State of Nevada, Department of Health.

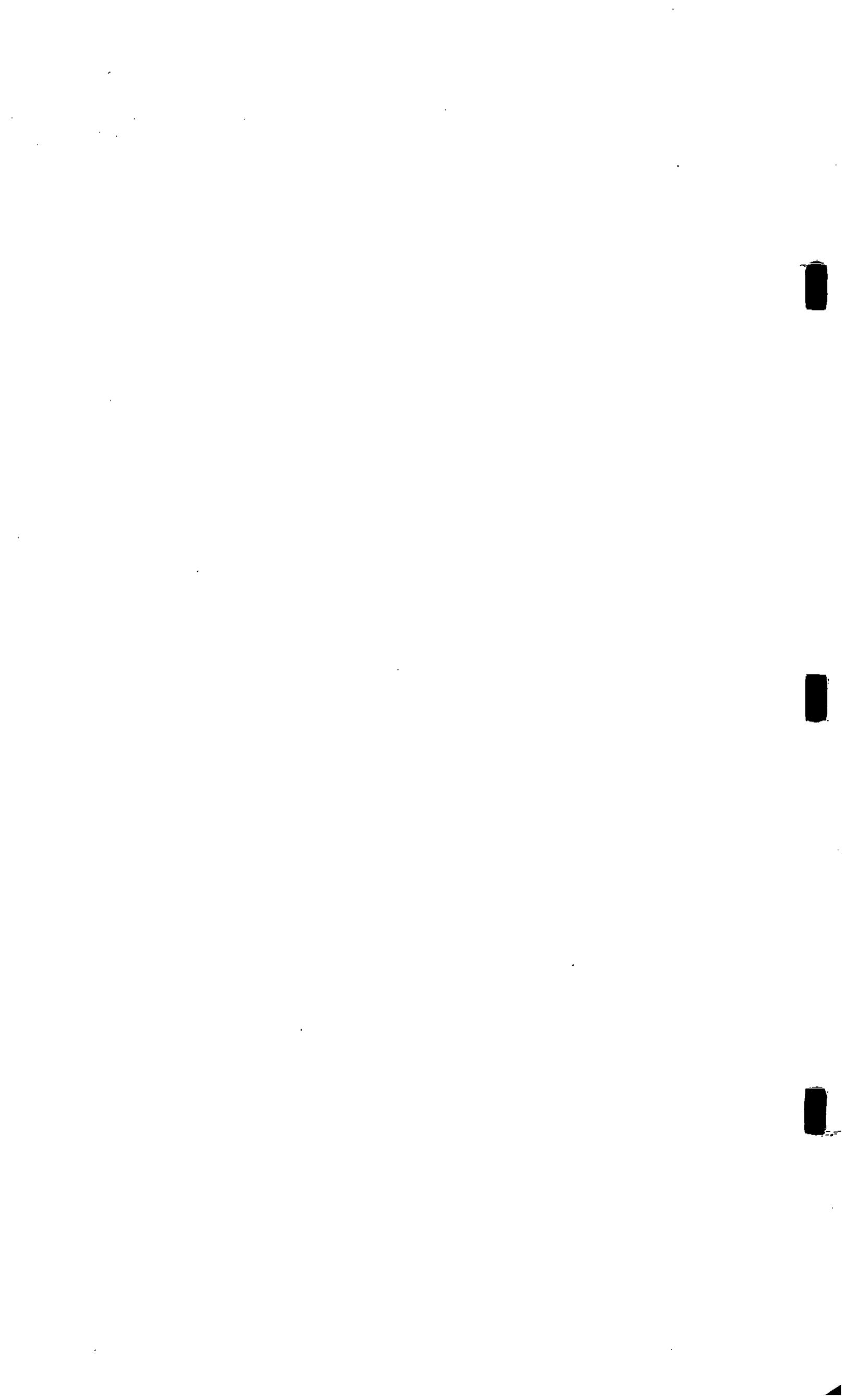


EXHIBIT B

TABLE 9

MASS DIAGRAM ANALYSIS FOR MAXIMUM DAY
 (DEMAND: 376,000 Gallons on Maximum Day)

Hour	Percent of Total Flow	Flow (gallons) during the hour	Cumulative Flow (gallons)
12:00 p.m.	0.62	2,330	2,330
1:00 a.m.	N.S.*	N.S.*	2,330
2:00 a.m.	N.S.	N.S.	2,330
3:00 a.m.	N.S.	N.S.	2,330
4:00 a.m.	N.S.	N.S.	2,330
5:00 a.m.	0.62	2,330	4,660
6:00 a.m.	N.S.	N.S.	4,660
7:00 a.m.	1.86	6,990	11,650
8:00 a.m.	2.42	9,100	20,750
9:00 a.m.	3.57	13,425	34,175
10:00 a.m.	4.05	15,230	49,405
11:00 a.m.	4.65	17,485	66,890
12:00 a.m.	3.72	13,990	80,880
1:00 p.m.	4.65	17,485	98,365
2:00 p.m.	4.34	16,320	114,685
3:00 p.m.	4.65	17,485	132,170
4:00 p.m.	6.20	23,315	155,485
5:00 p.m.	7.75	29,140	184,625
6:00 p.m.	11.80	44,370	228,995
7:00 p.m.	13.65	51,325	280,320
8:00 p.m.	11.80	44,370	324,690
9:00 p.m.	6.82	25,645	350,335
10:00 p.m.	5.11	19,215	369,550
11:00 p.m.	2.42	9,100	376,000**

*N.S.: Not Significant

**Difference due to rounding of figures

