

SPECIAL WATER COMMISSIONERS' MEETING
FEBRUARY 24, 2003
6:30 P.M.

MEMBERS PRESENT: David Dunbar and Francis McNamara. Samuel Briguglio was absent.

GUESTS PRESENT: Supt. Paul Rafuse, William Nunnery, Michael Ohl and Jean Dinon – clerk.

David Dunbar opened the meeting at 6:30 p.m.

William Nunnery, Earth Tech, is going to give an overview. Michael Ohl will talk about distribution system, some of the technical specifics and show some maps.

William Nunnery said there are a lot of tables on existing consumption. He said that an important number to keep in mind is ½ million gallons per day. Townsend does good job on maintaining water storage tanks. Table 3-1 shows table for unaccounted for water and is going to be important for state permit. Ours was 7.8, and anything under 10 is good.

William Nunnery talked about the growth of the town population; it has been slow and steady. The buildout number is 18,000 for the town. Table 3-2 shows the total population will be about 11,000 in next 20 years.

Table 3-4 shows the next day ration is on the high side. The state likes ratio to be 1.6. We haven't had it like that since 1990.

Future buildout are in accordance with master plan. All municipalities are supposed to have water saving devices.

Table 3-5 shows extra services per year.

Table 3-8 shows mathematical flows and projections. In about 4-5 years we will have to have increase withdrawal permit or put up hookup van. Demand is about .46/.47. About 20 years it will be 0.56, and buildout is 870,000 gallons per day.

Michael Ohl talked about pressure zones. There are two areas in Townsend that would need booster stations. The building would have to be big enough for larger pumps.

Page 5.4 shows highlight areas on plan. ISO (insurance service organization) recommendation is going to be 3,500 gallons per minute. The high school and Harbor Auto Body both do not meet ISO criteria.

There are five areas for improvement; west Main Street, Street, Old Turnpike Road, Main Street and South Street.

William Nunnery talked about wells. Table 4-2 (pag3 4-4) shows summary of where well stands and where need to go. We are not operating the wells in the correct way for best management. It is always in the summer. We are at the point that we need to bring on additional supply at this time. William Nunnery talked about well off-line.

William Nunnery said Townsend water system is sound.

Michael Ohl showed map of all test wells done in town.

William Nunnery said he would build new source at harbor over upgrading Main Street station.

William Nunnery and Michael Ohl are going to get figures for bare essentials for Main Street station.

DECISION: Board voted unanimously to adjourn the meeting at 8:40 p.m.

Respectfully submitted,

Jean R. Dinon, Clerk