



Final

Source Water Assessment

for the

Town of Gorman Water System

Garrett County, Maryland

Prepared for:

Maryland Department of the Environment
Water Management Administration
Water Supply Program
1800 Washington Boulevard, Suite 625
Baltimore, Maryland 21230-1719

Prepared by:

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February 2004

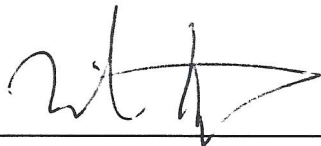
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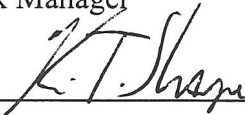
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February 2004

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LIST OF ACRONYMS AND ABBREVIATIONS

BMP	Best Management Practice
CCL	Contaminant Candidate List
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Act Information System
CHS	Controlled Hazardous Substances
COMAR	Code of Maryland Regulations
CREP	Conservation Reserve Program
DWEL	Drinking Water Equivalent Level
ft	Foot/Feet
gpd	Gallon(s) Per Day
gpm	Gallon(s) Per Minute
GPS	Global Positioning System
GWUDI	Ground Water Under the Direct Influence
in.	Inch(es)
IOC	Inorganic Compound
LUST	Leaking Underground Storage Tank
MCL	Maximum Contaminant Level
MDE	Maryland Department of the Environment
mg/L	Milligram(s) Per Liter
MGS	Maryland Geological Survey
NPL	National Priorities List
pCi/L	Picocurie(s) Per Liter
PWSID	Public Water System Identification
SDWA	Safe Drinking Water Act
SDWR	Secondary Drinking Water Regulations
SOC	Synthetic Organic Compound
SWAP	Source Water Assessment Plan
SWPA	Source Water Protection Area
SWPP	Source Water Protection Plan
µg/L	Microgram(s) Per Liter
USEPA	U.S. Environmental Protection Agency

LIST OF ACRONYMS AND ABBREVIATIONS (continued)

USGS	U.S. Geological Survey
UST	Underground Storage Tank
VOC	Volatile Organic Compound
WHPA	Well Head Protection Area

EXECUTIVE SUMMARY

EA Engineering, Science, and Technology was tasked to perform a Source Water Assessment for the Town of Gorman water system in Garrett County, Maryland. The Maryland Department of the Environment (MDE) identifies this water system as Public Water System Identification (PWSID) 0110012. EA has performed this study under Purchase Order No. U00P9200205, as authorized by MDE.

The required components of this report, as described in Maryland's Source Water Assessment Plan (SWAP), are:

- Delineation of the area that contributes water to the source
- Identification of potential sources of contamination
- Determination of the susceptibility of the water supply to contamination
- Recommendations for protecting the drinking water supply

The source of the Town of Gorman water supply is the Greenbrier Formation, which is an unconfined, shale aquifer. The Source Water Protection Area (SWPA) for the two ground-water supply wells was delineated using the watershed delineation method for fractured bedrock wells. The SWPA is based on land topography, nearby streams, and a calculation of the total ground-water contributing area during a drought. The SWPA is approximately 135 acres and is irregular in shape.

Potential point and non-point sources of contamination within the assessment area were identified based on site visits, a review of MDE's databases, and a review of sewer service area and land use maps. No point sources for pollutants were observed within, or adjacent to, the SWPA. Croplands and forests were observed within the SWPA. Croplands account for eight percent of the SWPA and can be considered a non-point source of contaminants. No pollution sources are typically associated with forested areas. Well information and water quality data were also reviewed.

The susceptibility analysis for the Town of Gorman water supply is based on a review of the water quality data, potential sources of contamination, aquifer characteristics, and well integrity. It was determined that the Town of Gorman's water supply is moderately susceptible to radon-222. The system has a low susceptibility to volatile organic compounds, synthetic organic compounds, inorganic compounds, other radionuclides, and microbiological contaminants.

Recommendations to protect the ground-water supply include creating a SWPA team, resident awareness, following ground-water monitoring requirements, and communication with County officials about future planning and land use. Also, maintaining as much of the SWPA as possible as forested land will help protect the water supply.

1. INTRODUCTION

EA Engineering, Science, and Technology was tasked to perform a Source Water Assessment for the Town of Gorman water system in Garrett County, Maryland. EA has performed this study under Purchase Order No. U00P3200205, as authorized by the Maryland Department of the Environment (MDE).

The Town of Gorman water system serves the residents of Gorman in southern Garrett County. The water treatment plant and two supply wells for the system are located within the Town of Gorman, off of Mountain Road. The Town of Gorman water system serves a population of 150 with 106 connections. Two wells supply water for this system (Figure 1).

1.1 GROUND-WATER SUPPLY SYSTEM INFORMATION

From a review of the well data and sanitary surveys of the system, Mountain Road Well 1 (Source 02) supply well was drilled 10 May 1995, and Mountain Road Well 2 (Source 03) was drilled 12 January 1997. Both were drilled in accordance with the State's current well construction standards, which were implemented in 1973. The system yields an average of 18,000 gallons per day (gpd). The pumping rates for these wells are both 50 gallons per minute (gpm). Both wellheads were observed to be in good repair with secure caps. Table 1 contains a summary of the well construction data.

TABLE 1. WELL INFORMATION

Source ID	Source Name	Permit No.	Total Depth (ft)	Casing Depth (ft)	Aquifer
02	Mountain Road Well 1	GA920452	205	125	Greenbrier Formation
03	Mountain Road Well 2	GA940370	224	90	Greenbrier Formation

According to MDE, the point of contact for this system is Mark Tonkovich of the Garrett County Public Utilities. The operator/superintendent for the Town of Gorman system is Allen Festerman (OT-4, ST-4).

Presently, both wells use sodium hypochlorite (bleach) for disinfection, while Mountain Road Well 1 injects soda ash for pH adjustment.

1.2 HYDROGEOLOGY

Garrett County lies entirely within the Appalachian Plateau physiographic province, and is the westernmost county in Maryland. Pleistocene terraces and recent flood plains found along the larger streams and consolidated sedimentary rocks of the mid-Paleozoic (Devonian, Mississippian, and Pennsylvanian age) dominate the surface and subsurface geology. The Mid-Paleozoic units are folded into broad anticlines and synclines that trend northeast-southwest. The anticlinal structures are underlain by Devonian rocks and contain three distinct gas fields. The synclinal structures form the coal basins of the region and are underlain by Pennsylvanian rocks.

2. DELINEATION OF THE AREA CONTRIBUTING WATER TO SOURCE

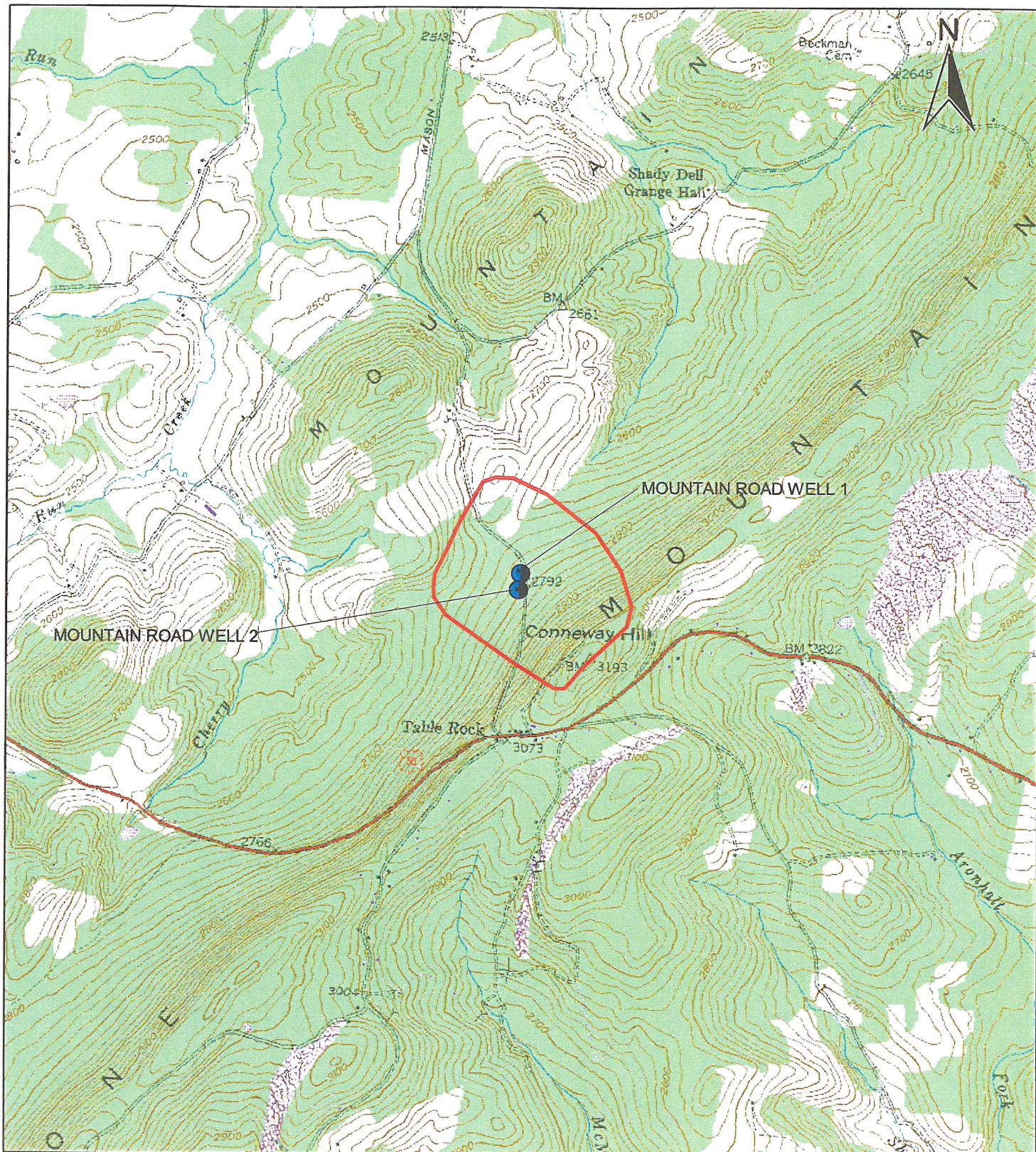
For ground-water systems, a wellhead protection area (WHPA) is considered to be the source water protection area (SWPA) for the system. Consistent with the recommended delineation in the Maryland Source Water Assessment Plan (SWAP) (MDE 1999), the watershed drainage area that contributes ground water to the supply wells methodology was used.

This original delineation shape was modified by accounting for surface water bodies, topography, significant land features, and by using a conservative calculation of total ground-water recharge during a drought. For conservative purposes, a drought condition recharge value of 400 gpd per acre (or approximately 5.4 in. per year) was used to estimate the total ground-water contribution area required to supply the wells.

The current Water Appropriation Permit issued by the MDE Water Rights Division for the Town of Gorman is for an average withdrawal of 18,000 gpd. To determine the total ground-water contribution area during a drought, the following equation was used:

$$\text{Recharge Area (acre)} = \text{Average Use (gpd)} / \text{Drought Condition Recharge (gpd/acre)}$$

From the equation above, the total ground-water contributing area during a drought is 45 acres. The delineated SWPA is approximately 135 acres (Figure 2), and is therefore adequate to meet the average daily ground-water usage during a drought.



**Figure 2. Town of Gorman
Source Water Protection Area Map
with Potential Sources of Contamination**

Source Water Assessment Program
2003

Legend:

Supply Well

SWPA Boundary

Source: United States Geologic Survey. 1948 (photorevised 1981). 7.5-minute Series
Topographic Map for Table Rock, Maryland-West Virginia.

Scale:

1000 0 1000 2000 Feet

3. INVENTORY OF POTENTIAL CONTAMINANTS WITHIN THE DELINEATED AREA

A field survey was performed on 11 December 2002 to confirm potential sources of contamination identified in MDE databases around the ground-water wells. These databases include the Comprehensive Environmental Response, Compensation, and Liability Act Information System (CERCLIS), which includes National Priorities List (Superfund) sites, Maryland Registered Underground Storage Tank (UST) sites, Maryland Leaking Underground Storage Tank (LUST) sites, landfills, pesticide dealers, ground-water discharge permits, and Controlled Hazardous Substances (CHS) generator sites.

3.1 POINT SOURCES

No point source contaminants were observed during the site visit or reported in any database reviewed (Figure 2).

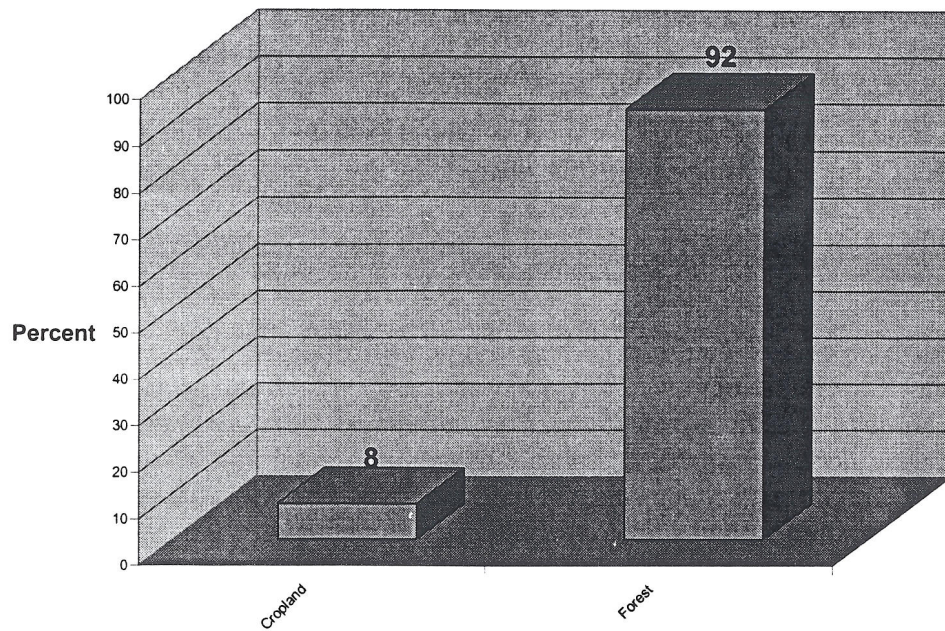
3.2 NON-POINT SOURCES

Using the Maryland Office of Planning's 2000 Land Use/Land Cover map for Garrett County, potential non-point sources within the SWPA were also evaluated by land use designation (Figure 3). A summary of the percent and acreage of each type of land use is presented in the graphs on the following page.

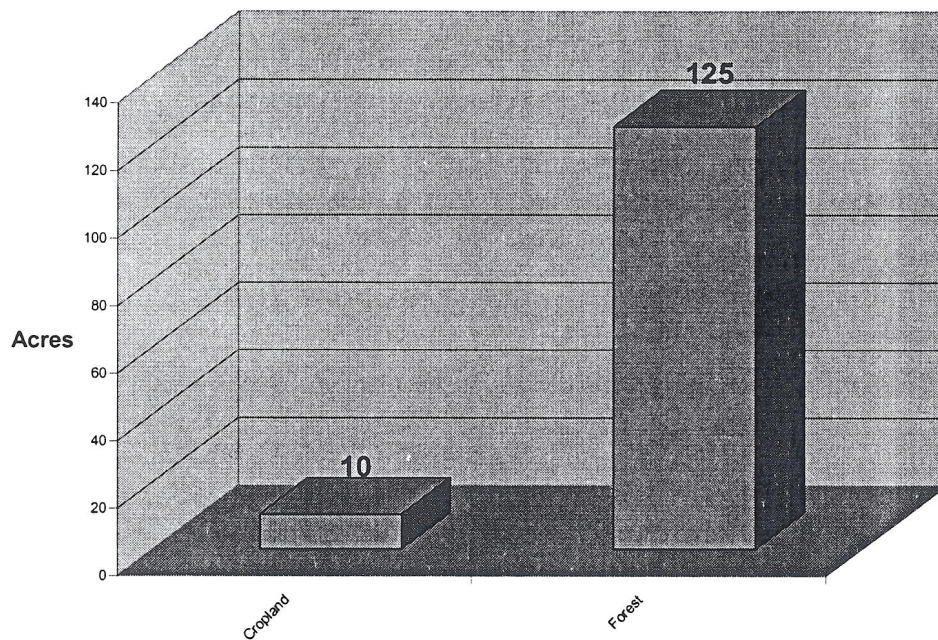
From an interpretation of the graphs, forest (125 acres) and cropland (10 acres) account for the entire SWPA area (135 acres). Non-point source of pollution is not generally associated with forested areas. The use of fertilizers and pesticides in croplands is common. Therefore, there is the potential for the migration of contaminants into the ground water.

Using the 1993 Garrett County sewerage coverage map from the Maryland Office of Planning, potential non-point sources from other septic system users in the SWPA were assessed (Figure 4). By overlaying the SWPA on the sewerage coverage layer in ArcView GIS, it was determined that 100 percent of the SWPA does not have public sewer service and is not planned for service for at least 10 years.

PERCENTAGE OF EACH LAND USE TYPE



ACREAGE OF EACH LAND USE TYPE





**Figure 3. Town of Gorman
Land Use Map of the
Source Water Protection Area**
Source Water Assessment Program
2003



Scale: 2000 0 2000 Feet

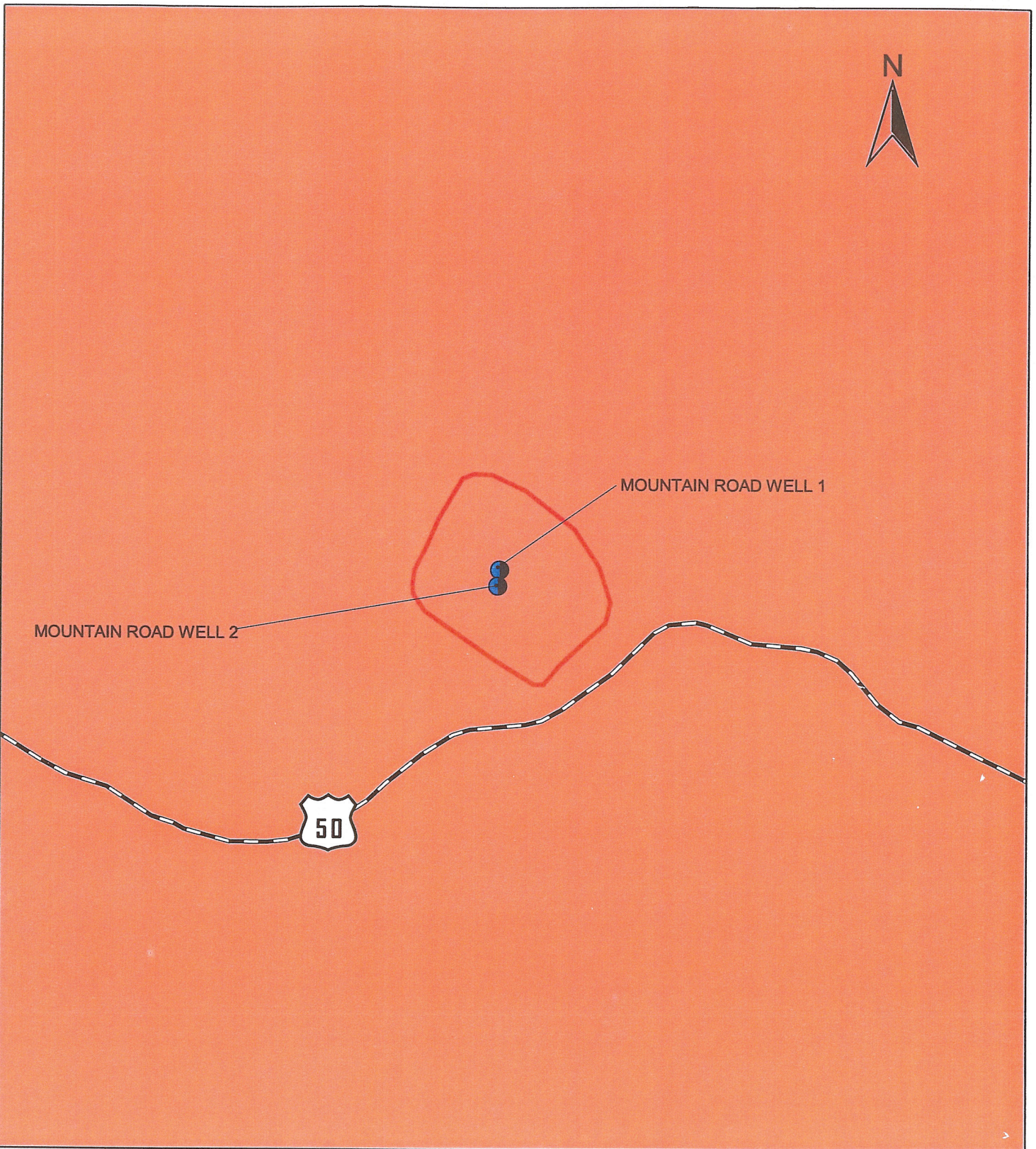
Legend:

- Supply Well
- Major Roads
- SWPA Boundary

Land Use

- | | |
|--|--|
| Low Density Residential | Cropland |
| Commercial | Pasture |
| Extractive | Forest |






Source: Maryland Office of Planning, 2000.




**Figure 4. Town of Gorman
Sewer Service Map of the
Source Water Protection Area**

Source Water Assessment Program
2003

Legend:

-  Supply Well
-  SWPA Boundary
-  Major Roads
-  Sewer
-  No planned service area

Scale: 1000 0 1000 2000 Feet



Source: Maryland Office of Planning, 1993.

4. REVIEW OF WATER QUALITY DATA

Water quality data were obtained from the MDE Water Supply Program database of Safe Drinking Water Act (SDWA) contaminants. The reported results are for finished (treated) ground water (unless noted).

A review of the water quality data from 1991-2002 has been performed for the Town of Gorman's finished water samples. A summary of ground-water sample analyses is presented as Appendix A.

Ground-water analytical results were compared to 50 percent of the United States Environmental Protection Agency (USEPA) Maximum Contaminant Levels (MCLs) or the USEPA Secondary Drinking Water Regulations (SDWR). If no MCL or SDWR was available, the Drinking Water Equivalent Level (DWEL) was substituted as recommended by the USEPA Office of Water.

4.1 GENERAL WATER QUALITY PARAMETERS

Two ground-water samples collected on 10 October 1996 and 17 December 1996 had a pH of 9.5 and 6.4, respectively. These values are outside of the SDWR range of 6.5 to 8.5. SDWR parameters are non-enforceable federal guidelines regarding cosmetic effects, such as tooth or skin discoloration, or aesthetic effects, such as taste, odor, or color.

One other water sample collected on 14 April 1997 was reported with a pH of 7.1, which is within the normal range.

4.2 VOLATILE ORGANIC COMPOUNDS

No volatile organic compounds (VOCs) were reported in ground-samples at concentrations greater than 50 percent of the comparison criteria.

A low-level concentration of chloromethane (3 µg/L) was detected in a ground-water sample collected on 19 August 1997 and is below the DWEL of 100 µg/L.

Ethylbenzene (1 µg/L) was detected in a sample collected on 14 April 1997 at a concentration less than the MCL of 700 µg/L.

A low-level concentration of isopropylbenzene (or cumene) (0.9 µg/L) was detected in a ground-water sample collected on 14 April 1997 below the DWEL of 4,000 µg/L.

Additionally, a sample collected on 14 April 1997 had a detectable concentration of naphthalene (0.6 µg/L), which was less than the DWEL of 700 µg/L.

The compound p-chlorotoluene (5 µg/L) was detected in a ground-water sample collected on 14 April 1997 below the DWEL of 700 µg/L.

5. SUSCEPTIBILITY ANALYSIS

To evaluate the integrity of the ground-water source, the following criteria were used to conduct the susceptibility analysis:

1. Available water quality data
2. Presence of potential contaminant sources in the SWPA
3. Aquifer characteristics
4. Well integrity
5. Likelihood of change to the natural conditions

The wells used by the Town of Gorman utilize an unconfined aquifer for drinking water. In general, unconfined aquifers are more susceptible to contamination from surface activities than confined aquifers. However, the aquifers utilized by the systems are overlain by soil overburden, which serve as a natural microbiological and chemical filter for contaminants. According to the Soil Survey of Garrett County, Maryland [U.S. Department of Agriculture (USDA) 1974], the soils in Garrett County are generally stoney to silty loams, which both generally have a high organic carbon content. Depending on the physical properties of the contaminant, the depth of the overburden, and the size of the spill, contaminants could partition to the organic carbon in the soil before reaching the ground-water aquifer. In addition, naturally occurring microorganisms in the soil can also degrade some contaminants such as benzene and trichloroethene (TCE) to produce energy.

For the Susceptibility Analysis in this report, rankings of “high,” “moderate,” and “low” susceptibility to contamination were utilized after a review of current information. However, other SWAP reports for the State of Maryland also utilized rankings of “is,” “may be,” and “is not” susceptible to contamination. For consistency between the ranking systems, the following details their equivalence. The ranking of “highly susceptible” is equivalent to “is susceptible,” “moderately susceptible” is equivalent to “may be susceptible,” and “low susceptibility” is equivalent to “is not susceptible.”

5.1 VOLATILE ORGANIC COMPOUNDS

No VOCs were reported at concentrations greater than 50 percent of the MCL.

The trihalomethane, bromodichloromethane, reported in a single water sample is likely a byproduct of the chlorination process to eliminate waterborne bacteria. The reported concentration was less than the current MCL of 100 µg/L and the future planned MCL of 80 µg/L.

Chloromethane was detected at a low concentration from a sample collected in August 1997. Chloromethane can be a laboratory cross-contaminant or released from other chlorinated compounds. This compound is less than the DWEL, which is a non-enforceable guideline that assumes all lifetime exposure of a compound less than that level will not cause adverse health effects.

Reported concentrations of ethylbenzene, xylenes, 1,3,5- trimethylbenzene, naphthalene, and isopropylbenzene were from the same sample, submitted in April 1997. Detected concentrations could be a one-time occurrence due to cross-contamination/sample error or indicative of a small, isolated release of a petroleum hydrocarbon (gasoline or diesel).

No point sources or non-point sources of VOCs were identified within the SWPA.

Based on the water quality data reviewed, and the lack of reported or observed point sources, the water supply for the Town of Gorman has a low susceptibility to VOC contamination.

5.2 SYNTHETIC ORGANIC COMPOUNDS

No SOC were detected at concentrations greater than 50 percent of the comparison criteria.

Hexachlorocyclopentadiene and pentachlorophenol were detected at low concentrations in samples from October 1996 and October 2000, respectively. These compounds were each detected in only one sample, and no trend is apparent. Both compounds are toxic components of commercial pesticides and biocides. Likely, they were applied to the croplands within, and adjacent to the SWPA.

Di(2-ethylhexyl)phthalate was reported in one water sample in October 2000 at a concentration less than the MCL, but was the result of laboratory cross-contamination.

No other SOC contaminants were detected in the water samples. Most SOC are not readily dissolved in water and have a high affinity to sorb to soil particles. From well construction data for the Town of Gorman, there is approximately 60 ft of overburden that will buffer the aquifer from SOC contamination.

Based on the water quality data reviewed and the thickness of the soil overburden, the water supply for the Town of Gorman has a low susceptibility to SOC contamination.

5.3 INORGANIC COMPOUNDS

No IOC were detected at concentrations greater than 50 percent of the comparison criteria.

One hundred percent of the SWPA is not served by public sanitary sewer systems. No septic systems or settling ponds were observed during the site visit. However, septic systems may exist within the SWPA. Wastewater from septic systems generally has high concentrations of nitrate. Concentrations of nitrate have been generally reported between 0.2 and 2.0 mg/L, which is less than the MCL. Elevated levels could occur due to an influx of agricultural animal waste, agricultural chemicals or fertilizers, and/or septic system effluent into the drinking water.

Sodium, sulfate, and chloride were detected at low concentrations in samples submitted for analysis. The reported concentrations were within the Garrett County general water quality parameters (MGS 1980) and less than the SDWR for each compound.

Based on the water quality and the lack of reported or observed point sources for IOCs, the water supply for the Town of Gorman has a low susceptibility to IOCs.

5.4 RADIONUCLIDES

No radionuclides were detected at concentrations greater than 50 percent of the MCL.

Gross alpha and beta were reported at concentrations less than the MCL.

No radionuclide samples from the Town of Gorman were submitted for analysis of radon-222. Ground-water samples collected from other systems that use the Greenbrier Formation as an aquifer have reported radon-222 concentrations that exceed the more conservative proposed MCL of 300 pCi/L.

Based on the water quality data reviewed and the potential for the Greenbrier Formation to have excessive concentrations of radon-222, the water supply for the Town of Gorman has a moderate susceptibility to radon-222 and a low susceptibility to other radionuclides.

5.5 MICROBIOLOGICAL CONTAMINATION

No coliform bacteria have been detected in the finished water samples since sample collection began in 1997.

From an assessment of GWUDI results from MDE, neither supply well for this system is GWUDI.

From documentation reviewed, the supply wells were constructed after 1973, the year that proper well construction standards were required. Both wellheads were observed to be in good repair.

Based on the water quality reviewed and the GWUDI determination from MDE, the water supply for the Town of Gorman has a low susceptibility to microbiological contaminants.

6. RECOMMENDATIONS FOR PROTECTING THE WATER SUPPLY

With the information contained in this report, the Town of Gorman has a basis for better understanding of the risks to its drinking water supply. Being aware of the SWPA, knowing potential contaminant sources, evaluating current and future development, working with agricultural producers and soil conservation agencies, and engaging in effective outreach and education are examples of management practices that will help protect the water supply.

Recommendations for the protection of the ground-water supply are intended for the water supplier and its residents. Specific management recommendations for consideration are listed below.

6.1 PROTECTION TEAM

The team should represent all the interests in the community, such as water suppliers, community associations officers, the County Health Department, local planning agencies, local businesses, developers, property owners, and residents within and near the SWPAs. The team should work to reach a consensus on how to protect the water supply.

6.2 PUBLIC AWARENESS AND OUTREACH

The water supplier should consider discussing the activities that could have impacts to the ground water and its quality with property owners and businesses located within the SWPA.

The water supplier should also consider sending pamphlets, flyers, or bill stuffers to its employees to educate them about the SWPA. An example pamphlet, "Gardening in a Wellhead Protection Area," is available from MDE. Residents and employees should also be encouraged to notify the water supplier of any significant spills from gasoline or any other potentially hazardous substances.

Placing signs at the SWPA boundaries is an effective way to make the public aware of protecting their source of water supply, and to help in the event of spill notification and response.

The Executive Summary of this report should be listed in the Consumer Confidence Report for the water system, and should also indicate that the report is available to the general public by contacting the water supplier, the local library, or MDE.

6.3 PLANNING/NEW DEVELOPMENT

The water supplier should also inform the Garrett County Health and Planning Departments of any concerns about future development or zoning changes for properties that are within the SWPA.

Future Planning should consider maintaining as much of the SWPA as possible as forested land which thereby will continue to protect the water quality.

6.4 MONITORING

The water supplier should continue to monitor the ground water for all SDWA contaminants as required by MDE.

Annual raw water sampling at each well for microbiological contaminants is a good way to check the integrity of each well.

A ground-water sample should be collected and submitted for laboratory analysis of radon-222.

6.5 CONTINGENCY PLAN

As required by the Code of Maryland Regulations (COMAR) 26.04.01.22, all water system owners are required to prepare and submit for approval a plan to provide safe drinking water under emergency conditions.

The water supplier should develop a Spill Contingency Plan. Quick and effective spill response in the event of accidental spills or leaks is an important element in the water supplier's source water protection plan (SWPP). This plan should identify the procedures and resources to be used to mitigate any discharge of oil or hazardous substances in the SWPA. It should also establish responsibilities, duties, procedures, and resource containment, mitigation, and cleanup of accidental discharges of oil and hazardous substances that may occur within the SWPA. In all cases when spills may present a significant risk of contamination to ground water within the SWPA the local fire department should be notified of the incident.

6.6 CHANGES IN USES

The water supplier is required to inform the Water Supply Program at MDE of any changes to pumping rates and when a change in the number of wells used is anticipated. Any changes to the pumping rate and/or the number of supply wells will affect the size and shape of the SWPA.

6.7 CONTAMINANT SOURCE INVENTORY UPDATES/INSPECTIONS

The water supplier should conduct its own survey of the SWPA to ensure that there are no additional potential sources of contamination.

A regular inspection and maintenance program of the supply wells should be considered to prevent a failure in the integrity of the well, which could provide a pathway for contaminants to the aquifer.

Any depressions around the wellheads should be filled and graded to prevent surface water ponding that could occur during rain events. This will help to prevent surface water infiltration into the well.

6.8 PURCHASE CONSERVATION EASEMENTS OR PROPERTY

Loans are available for the purchase of property or for the purchase of easements for protection of the water supply. Eligible property must lie within the designated SWPA. Loans are currently offered at zero percent interest and zero points. Please contact the Water Supply Program of the MDE for more information.

6.9 COOPERATIVE EFFORTS WITH OTHER AGENCIES

The water supplier may request the assistance of the University of Maryland Agricultural Extension Service, Soil Conservation Service to work with the nearby farmers to adopt Best Management Practices (BMPs) for cropland located within the SWPA. The nearby farmers can also participate in the New Conservation Reserve Program (CREP) applicable to the cropland located within the SWPA. Government funding is available to qualified farmers equal to the cost and financial benefit of farming the area. The Natural Resources Conservation Service is responsible for determining the relative environmental benefits of each acre offered for participation.

7. REFERENCES

The following sources of information were consulted as a part of this investigation:

1. Maryland Geological Survey (MGS). 1980. *Garrett County Water-Well Records, Chemical-Quality Data, Ground-Water Use, Coal Test-Hole Data and Surface-Water Data*. 102 pp.
2. United States Department of Agriculture Soil Conservation Service. 1974. *Soil Survey of Garrett County, Maryland*. Washington, D.C.
3. Maryland Department of the Environment (MDE), Water Supply Program. 1999. *Maryland's Source Water Assessment Plan*. 36 pp.
4. United States Environmental Protection Agency (USEPA). 1999. *Proposed Radon in Drinking Water Rule*. EPA 815-F-99-006. USEPA Office of Water.

SOURCES OF DATA

Water Appropriation and Use Database
Public Water Supply Inspection Reports
Monitoring Reports
MDE Water Supply Program Oracle Database
MDE Waste Management Sites Database
Maryland Office of Planning 2000 Garrett County Land Use Map
Maryland Office of Planning 1993 Garrett County Sewer Service Map
USGS Topographic 7.5-minute Quadrangle – 1948 Table Rock, Maryland-West Virginia Quad

Appendix A

Summary of Town of Gorman Water Sample Analysis

SUMMARY OF TOWN OF GORMAN WATER SAMPLES ANALYSIS

Plant ID	Sample Date	Contaminant Name	Result	MCL
Volatile Organic Compounds			µg/L	µg/L
01	9/25/1991	1,1,1,2-TETRACHLOROETHANE	--	
02	4/14/1997	1,1,1,2-TETRACHLOROETHANE	--	
02	8/19/1997	1,1,1,2-TETRACHLOROETHANE	--	
02	10/9/1997	1,1,1,2-TETRACHLOROETHANE	--	
02	3/10/1998	1,1,1,2-TETRACHLOROETHANE	--	
02	6/9/1998	1,1,1,2-TETRACHLOROETHANE	--	
02	8/6/1998	1,1,1,2-TETRACHLOROETHANE	--	
02	11/4/1998	1,1,1,2-TETRACHLOROETHANE	--	
02	12/16/1999	1,1,1,2-TETRACHLOROETHANE	--	
02	10/6/2000	1,1,1,2-TETRACHLOROETHANE	--	
01	9/25/1991	1,1,1-TRICHLOROETHANE	--	
02	4/14/1997	1,1,1-TRICHLOROETHANE	--	
02	8/19/1997	1,1,1-TRICHLOROETHANE	--	
02	10/9/1997	1,1,1-TRICHLOROETHANE	--	
02	3/10/1998	1,1,1-TRICHLOROETHANE	--	
02	6/9/1998	1,1,1-TRICHLOROETHANE	--	
02	8/6/1998	1,1,1-TRICHLOROETHANE	--	
02	11/4/1998	1,1,1-TRICHLOROETHANE	--	
02	12/16/1999	1,1,1-TRICHLOROETHANE	--	
02	10/6/2000	1,1,1-TRICHLOROETHANE	--	
01	9/25/1991	1,1,2,2-TETRACHLOROETHANE	--	
02	4/14/1997	1,1,2,2-TETRACHLOROETHANE	--	
02	8/19/1997	1,1,2,2-TETRACHLOROETHANE	--	
02	10/9/1997	1,1,2,2-TETRACHLOROETHANE	--	
02	3/10/1998	1,1,2,2-TETRACHLOROETHANE	--	
02	6/9/1998	1,1,2,2-TETRACHLOROETHANE	--	
02	8/6/1998	1,1,2,2-TETRACHLOROETHANE	--	
02	11/4/1998	1,1,2,2-TETRACHLOROETHANE	--	
02	12/16/1999	1,1,2,2-TETRACHLOROETHANE	--	
02	10/6/2000	1,1,2,2-TETRACHLOROETHANE	--	
01	9/25/1991	1,1,2-TRICHLOROETHANE	--	
02	4/14/1997	1,1,2-TRICHLOROETHANE	--	
02	8/19/1997	1,1,2-TRICHLOROETHANE	--	
02	10/9/1997	1,1,2-TRICHLOROETHANE	--	
02	3/10/1998	1,1,2-TRICHLOROETHANE	--	
02	6/9/1998	1,1,2-TRICHLOROETHANE	--	
02	8/6/1998	1,1,2-TRICHLOROETHANE	--	
02	11/4/1998	1,1,2-TRICHLOROETHANE	--	
02	12/16/1999	1,1,2-TRICHLOROETHANE	--	
02	10/6/2000	1,1,2-TRICHLOROETHANE	--	
01	9/25/1991	1,1-DICHLOROETHANE	--	
02	4/14/1997	1,1-DICHLOROETHANE	--	
02	8/19/1997	1,1-DICHLOROETHANE	--	
02	10/9/1997	1,1-DICHLOROETHANE	--	
02	3/10/1998	1,1-DICHLOROETHANE	--	
02	6/9/1998	1,1-DICHLOROETHANE	--	
02	8/6/1998	1,1-DICHLOROETHANE	--	

--=Not Detected

NA=No Criteria

*=SDWR

^=DWEL

+ =Drinking Water Adv Level

SUMMARY OF TOWN OF GORMAN WATER SAMPLES ANALYSIS

Plant ID	Sample Date	Contaminant Name	Result	MCL
Volatile Organic Compounds			µg/L	µg/L
02	11/4/1998	1,1-DICHLOROETHANE	--	
02	12/16/1999	1,1-DICHLOROETHANE	--	
02	10/6/2000	1,1-DICHLOROETHANE	--	
01	9/25/1991	1,1-DICHLOROETHYLENE	--	
02	4/14/1997	1,1-DICHLOROETHYLENE	--	
02	8/19/1997	1,1-DICHLOROETHYLENE	--	
02	10/9/1997	1,1-DICHLOROETHYLENE	--	
02	3/10/1998	1,1-DICHLOROETHYLENE	--	
02	6/9/1998	1,1-DICHLOROETHYLENE	--	
02	8/6/1998	1,1-DICHLOROETHYLENE	--	
02	11/4/1998	1,1-DICHLOROETHYLENE	--	
02	12/16/1999	1,1-DICHLOROETHYLENE	--	
02	10/6/2000	1,1-DICHLOROETHYLENE	--	
01	9/25/1991	1,1-DICHLOROPROPENE	--	
02	4/14/1997	1,1-DICHLOROPROPENE	--	
02	8/19/1997	1,1-DICHLOROPROPENE	--	
02	10/9/1997	1,1-DICHLOROPROPENE	--	
02	3/10/1998	1,1-DICHLOROPROPENE	--	
02	6/9/1998	1,1-DICHLOROPROPENE	--	
02	8/6/1998	1,1-DICHLOROPROPENE	--	
02	11/4/1998	1,1-DICHLOROPROPENE	--	
02	12/16/1999	1,1-DICHLOROPROPENE	--	
02	10/6/2000	1,1-DICHLOROPROPENE	--	
01	9/25/1991	1,2,3-TRICHLOROBENZENE	--	
02	4/14/1997	1,2,3-TRICHLOROBENZENE	--	
02	8/19/1997	1,2,3-TRICHLOROBENZENE	--	
02	10/9/1997	1,2,3-TRICHLOROBENZENE	--	
02	3/10/1998	1,2,3-TRICHLOROBENZENE	--	
02	6/9/1998	1,2,3-TRICHLOROBENZENE	--	
02	8/6/1998	1,2,3-TRICHLOROBENZENE	--	
02	11/4/1998	1,2,3-TRICHLOROBENZENE	--	
02	12/16/1999	1,2,3-TRICHLOROBENZENE	--	
02	10/6/2000	1,2,3-TRICHLOROBENZENE	--	
01	9/25/1991	1,2,3-TRICHLOROPROPANE	--	
02	4/14/1997	1,2,3-TRICHLOROPROPANE	--	
02	8/19/1997	1,2,3-TRICHLOROPROPANE	--	
02	10/9/1997	1,2,3-TRICHLOROPROPANE	--	
02	3/10/1998	1,2,3-TRICHLOROPROPANE	--	
02	6/9/1998	1,2,3-TRICHLOROPROPANE	--	
02	8/6/1998	1,2,3-TRICHLOROPROPANE	--	
02	11/4/1998	1,2,3-TRICHLOROPROPANE	--	
02	12/16/1999	1,2,3-TRICHLOROPROPANE	--	
02	10/6/2000	1,2,3-TRICHLOROPROPANE	--	
01	9/25/1991	1,2,4-TRICHLOROBENZENE	--	
02	4/14/1997	1,2,4-TRICHLOROBENZENE	--	
02	8/19/1997	1,2,4-TRICHLOROBENZENE	--	
02	10/9/1997	1,2,4-TRICHLOROBENZENE	--	

--=Not Detected

NA=No Criteria

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+ =Drinking Water Adv Level

SUMMARY OF TOWN OF GORMAN WATER SAMPLES ANALYSIS

Plant ID	Sample Date	Contaminant Name	Result	MCL
Volatile Organic Compounds			µg/L	µg/L
02	3/10/1998	1,2,4-TRICHLOROENZENE	--	
02	6/9/1998	1,2,4-TRICHLOROENZENE	--	
02	8/6/1998	1,2,4-TRICHLOROENZENE	--	
02	11/4/1998	1,2,4-TRICHLOROENZENE	--	
02	12/16/1999	1,2,4-TRICHLOROENZENE	--	
02	10/6/2000	1,2,4-TRICHLOROENZENE	--	
01	9/25/1991	1,2,4-TRIMETHYLBENZENE	--	
02	4/14/1997	1,2,4-TRIMETHYLBENZENE	10	CCL
02	8/19/1997	1,2,4-TRIMETHYLBENZENE	--	
02	10/9/1997	1,2,4-TRIMETHYLBENZENE	--	
02	3/10/1998	1,2,4-TRIMETHYLBENZENE	--	
02	6/9/1998	1,2,4-TRIMETHYLBENZENE	--	
02	8/6/1998	1,2,4-TRIMETHYLBENZENE	--	
02	11/4/1998	1,2,4-TRIMETHYLBENZENE	--	
02	12/16/1999	1,2,4-TRIMETHYLBENZENE	--	
02	10/6/2000	1,2,4-TRIMETHYLBENZENE	--	
01	9/25/1991	1,2-DICHLOROETHANE	--	
02	4/14/1997	1,2-DICHLOROETHANE	--	
02	8/19/1997	1,2-DICHLOROETHANE	--	
02	10/9/1997	1,2-DICHLOROETHANE	--	
02	3/10/1998	1,2-DICHLOROETHANE	--	
02	6/9/1998	1,2-DICHLOROETHANE	--	
02	8/6/1998	1,2-DICHLOROETHANE	--	
02	11/4/1998	1,2-DICHLOROETHANE	--	
02	12/16/1999	1,2-DICHLOROETHANE	--	
02	10/6/2000	1,2-DICHLOROETHANE	--	
01	9/25/1991	1,2-DICHLOROPROPANE	--	
02	4/14/1997	1,2-DICHLOROPROPANE	--	
02	8/19/1997	1,2-DICHLOROPROPANE	--	
02	10/9/1997	1,2-DICHLOROPROPANE	--	
02	3/10/1998	1,2-DICHLOROPROPANE	--	
02	6/9/1998	1,2-DICHLOROPROPANE	--	
02	8/6/1998	1,2-DICHLOROPROPANE	--	
02	11/4/1998	1,2-DICHLOROPROPANE	--	
02	12/16/1999	1,2-DICHLOROPROPANE	--	
02	10/6/2000	1,2-DICHLOROPROPANE	--	
01	9/25/1991	1,3,5-TRIMETHYLBENZENE	--	
02	4/14/1997	1,3,5-TRIMETHYLBENZENE	1	CCL
02	8/19/1997	1,3,5-TRIMETHYLBENZENE	--	
02	10/9/1997	1,3,5-TRIMETHYLBENZENE	--	
02	3/10/1998	1,3,5-TRIMETHYLBENZENE	--	
02	6/9/1998	1,3,5-TRIMETHYLBENZENE	--	
02	8/6/1998	1,3,5-TRIMETHYLBENZENE	--	
02	11/4/1998	1,3,5-TRIMETHYLBENZENE	--	
02	12/16/1999	1,3,5-TRIMETHYLBENZENE	--	
02	10/6/2000	1,3,5-TRIMETHYLBENZENE	--	
01	9/25/1991	1,3-DICHLOROPROPANE	--	

--=Not Detected

NA=No Criteria

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SUMMARY OF TOWN OF GORMAN WATER SAMPLES ANALYSIS

Plant ID	Sample Date	Contaminant Name	Result	MCL
Volatile Organic Compounds			µg/L	µg/L
02	4/14/1997	1,3-DICHLOROPROPANE	--	
02	8/19/1997	1,3-DICHLOROPROPANE	--	
02	10/9/1997	1,3-DICHLOROPROPANE	--	
02	3/10/1998	1,3-DICHLOROPROPANE	--	
02	6/9/1998	1,3-DICHLOROPROPANE	--	
02	8/6/1998	1,3-DICHLOROPROPANE	--	
02	11/4/1998	1,3-DICHLOROPROPANE	--	
02	12/16/1999	1,3-DICHLOROPROPANE	--	
02	10/6/2000	1,3-DICHLOROPROPANE	--	
01	9/25/1991	1,3-DICHLOROPROPENE	--	
02	4/14/1997	1,3-DICHLOROPROPENE	--	
02	8/19/1997	1,3-DICHLOROPROPENE	--	
02	10/9/1997	1,3-DICHLOROPROPENE	--	
02	3/10/1998	1,3-DICHLOROPROPENE	--	
02	6/9/1998	1,3-DICHLOROPROPENE	--	
02	8/6/1998	1,3-DICHLOROPROPENE	--	
02	11/4/1998	1,3-DICHLOROPROPENE	--	
02	12/16/1999	1,3-DICHLOROPROPENE	--	
02	10/6/2000	1,3-DICHLOROPROPENE	--	
01	9/25/1991	2,2-DICHLOROPROPANE	--	
02	4/14/1997	2,2-DICHLOROPROPANE	--	
02	8/19/1997	2,2-DICHLOROPROPANE	--	
02	10/9/1997	2,2-DICHLOROPROPANE	--	
02	3/10/1998	2,2-DICHLOROPROPANE	--	
02	6/9/1998	2,2-DICHLOROPROPANE	--	
02	8/6/1998	2,2-DICHLOROPROPANE	--	
02	11/4/1998	2,2-DICHLOROPROPANE	--	
02	12/16/1999	2,2-DICHLOROPROPANE	--	
02	10/6/2000	2,2-DICHLOROPROPANE	--	
01	9/25/1991	BENZENE	--	
02	4/14/1997	BENZENE	--	
02	8/19/1997	BENZENE	--	
02	10/9/1997	BENZENE	--	
02	3/10/1998	BENZENE	--	
02	6/9/1998	BENZENE	--	
02	8/6/1998	BENZENE	--	
02	11/4/1998	BENZENE	--	
02	12/16/1999	BENZENE	--	
02	10/6/2000	BENZENE	--	
01	9/25/1991	BROMOBENZENE	--	
02	4/14/1997	BROMOBENZENE	--	
02	8/19/1997	BROMOBENZENE	--	
02	10/9/1997	BROMOBENZENE	--	
02	3/10/1998	BROMOBENZENE	--	
02	6/9/1998	BROMOBENZENE	--	
02	8/6/1998	BROMOBENZENE	--	
02	11/4/1998	BROMOBENZENE	--	

--=Not Detected

NA=No Criteria

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SUMMARY OF TOWN OF GORMAN WATER SAMPLES ANALYSIS

Plant ID	Sample Date	Contaminant Name	Result	MCL
Volatile Organic Compounds			µg/L	µg/L
02	12/16/1999	BROMOBENZENE	--	
02	10/6/2000	BROMOBENZENE	--	
01	9/25/1991	BROMOCHLOROMETHANE	--	
02	4/14/1997	BROMOCHLOROMETHANE	--	
02	8/19/1997	BROMOCHLOROMETHANE	--	
02	10/9/1997	BROMOCHLOROMETHANE	--	
02	3/10/1998	BROMOCHLOROMETHANE	--	
02	6/9/1998	BROMOCHLOROMETHANE	--	
02	8/6/1998	BROMOCHLOROMETHANE	--	
02	11/4/1998	BROMOCHLOROMETHANE	--	
02	12/16/1999	BROMOCHLOROMETHANE	--	
02	10/6/2000	BROMOCHLOROMETHANE	--	
01	9/25/1991	BROMODICHLOROMETHANE	--	
02	4/14/1997	BROMODICHLOROMETHANE	0.9	100 #
02	8/19/1997	BROMODICHLOROMETHANE	--	
02	10/9/1997	BROMODICHLOROMETHANE	--	
02	3/10/1998	BROMODICHLOROMETHANE	--	
02	6/9/1998	BROMODICHLOROMETHANE	--	
02	8/6/1998	BROMODICHLOROMETHANE	--	
02	11/4/1998	BROMODICHLOROMETHANE	--	
02	12/16/1999	BROMODICHLOROMETHANE	--	
02	10/6/2000	BROMODICHLOROMETHANE	--	
01	9/25/1991	BROMOFORM	--	
02	4/14/1997	BROMOFORM	--	
02	8/19/1997	BROMOFORM	--	
02	10/9/1997	BROMOFORM	--	
02	3/10/1998	BROMOFORM	--	
02	6/9/1998	BROMOFORM	--	
02	8/6/1998	BROMOFORM	--	
02	11/4/1998	BROMOFORM	--	
02	12/16/1999	BROMOFORM	--	
02	10/6/2000	BROMOFORM	--	
01	9/25/1991	BROMOMETHANE	--	
02	4/14/1997	BROMOMETHANE	--	
02	8/19/1997	BROMOMETHANE	--	
02	10/9/1997	BROMOMETHANE	--	
02	3/10/1998	BROMOMETHANE	--	
02	6/9/1998	BROMOMETHANE	--	
02	8/6/1998	BROMOMETHANE	--	
02	11/4/1998	BROMOMETHANE	--	
02	12/16/1999	BROMOMETHANE	--	
02	10/6/2000	BROMOMETHANE	--	
01	9/25/1991	CARBON TETRACHLORIDE	--	
02	4/14/1997	CARBON TETRACHLORIDE	--	
02	8/19/1997	CARBON TETRACHLORIDE	--	
02	10/9/1997	CARBON TETRACHLORIDE	--	
02	3/10/1998	CARBON TETRACHLORIDE	--	

--=Not Detected

NA=No Criteria

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^=DWEL

+ =Drinking Water Adv Level

SUMMARY OF TOWN OF GORMAN WATER SAMPLES ANALYSIS

Plant ID	Sample Date	Contaminant Name	Result	MCL
Volatile Organic Compounds			µg/L	µg/L
02	10/6/2000	HEXACHLOROBUTADIENE	--	
01	9/25/1991	ISOPROPYLBENZENE	--	
02	4/14/1997	ISOPROPYLBENZENE	0.9	4000 ^
02	8/19/1997	ISOPROPYLBENZENE	--	
02	10/9/1997	ISOPROPYLBENZENE	--	
02	3/10/1998	ISOPROPYLBENZENE	--	
02	6/9/1998	ISOPROPYLBENZENE	--	
02	8/6/1998	ISOPROPYLBENZENE	--	
02	11/4/1998	ISOPROPYLBENZENE	--	
02	12/16/1999	ISOPROPYLBENZENE	--	
02	10/6/2000	ISOPROPYLBENZENE	--	
01	9/25/1991	m-DICHLOROBENZENE	--	
02	4/14/1997	m-DICHLOROBENZENE	--	
02	8/19/1997	m-DICHLOROBENZENE	--	
02	10/9/1997	m-DICHLOROBENZENE	--	
02	3/10/1998	m-DICHLOROBENZENE	--	
02	6/9/1998	m-DICHLOROBENZENE	--	
02	8/6/1998	m-DICHLOROBENZENE	--	
02	11/4/1998	m-DICHLOROBENZENE	--	
02	12/16/1999	m-DICHLOROBENZENE	--	
02	10/6/2000	m-DICHLOROBENZENE	--	
01	9/25/1991	METHYLENE CHLORIDE	--	
02	4/14/1997	METHYLENE CHLORIDE	--	
02	8/19/1997	METHYLENE CHLORIDE	--	
02	10/9/1997	METHYLENE CHLORIDE	--	
02	3/10/1998	METHYLENE CHLORIDE	--	
02	6/9/1998	METHYLENE CHLORIDE	--	
02	8/6/1998	METHYLENE CHLORIDE	--	
02	11/4/1998	METHYLENE CHLORIDE	--	
02	12/16/1999	METHYLENE CHLORIDE	--	
02	10/6/2000	METHYLENE CHLORIDE	--	
02	4/14/1997	METHYL-TERT-BUTYL-ETHER	--	
02	4/14/1997	METHYL-TERT-BUTYL-ETHER	--	
02	8/19/1997	METHYL-TERT-BUTYL-ETHER	--	
02	8/19/1997	METHYL-TERT-BUTYL-ETHER	--	
02	10/9/1997	METHYL-TERT-BUTYL-ETHER	--	
02	10/9/1997	METHYL-TERT-BUTYL-ETHER	--	
02	3/10/1998	METHYL-TERT-BUTYL-ETHER	--	
02	3/10/1998	METHYL-TERT-BUTYL-ETHER	--	
02	6/9/1998	METHYL-TERT-BUTYL-ETHER	--	
02	6/9/1998	METHYL-TERT-BUTYL-ETHER	--	
02	8/6/1998	METHYL-TERT-BUTYL-ETHER	--	
02	8/6/1998	METHYL-TERT-BUTYL-ETHER	--	
02	11/4/1998	METHYL-TERT-BUTYL-ETHER	--	
02	11/4/1998	METHYL-TERT-BUTYL-ETHER	--	
02	12/16/1999	METHYL-TERT-BUTYL-ETHER	--	
02	12/16/1999	METHYL-TERT-BUTYL-ETHER	--	

--=Not Detected

NA=No Criteria

*=SDWR

^=DWEL

+ =Drinking Water Adv Level

SUMMARY OF TOWN OF GORMAN WATER SAMPLES ANALYSIS

Plant ID	Sample Date	Contaminant Name	Result	MCL
Volatile Organic Compounds			µg/L	µg/L
02	10/6/2000	METHYL-TERT-BUTYL-ETHER	--	
02	10/6/2000	METHYL-TERT-BUTYL-ETHER	--	
01	9/25/1991	MONOCHLOROBENZENE	--	
02	4/14/1997	MONOCHLOROBENZENE	--	
02	8/19/1997	MONOCHLOROBENZENE	--	
02	10/9/1997	MONOCHLOROBENZENE	--	
02	3/10/1998	MONOCHLOROBENZENE	--	
02	6/9/1998	MONOCHLOROBENZENE	--	
02	8/6/1998	MONOCHLOROBENZENE	--	
02	11/4/1998	MONOCHLOROBENZENE	--	
02	12/16/1999	MONOCHLOROBENZENE	--	
02	10/6/2000	MONOCHLOROBENZENE	--	
01	9/25/1991	m-XYLENE	--	
02	8/19/1997	m-XYLENE	--	
02	10/9/1997	m-XYLENE	--	
02	3/10/1998	m-XYLENE	--	
02	6/9/1998	m-XYLENE	--	
02	8/6/1998	m-XYLENE	--	
02	11/4/1998	m-XYLENE	--	
02	12/16/1999	m-XYLENE	--	
02	10/6/2000	m-XYLENE	--	
01	9/25/1991	NAPHTHALENE	--	
02	4/14/1997	NAPHTHALENE	0.6	700 ^
02	8/19/1997	NAPHTHALENE	--	
02	10/9/1997	NAPHTHALENE	--	
02	3/10/1998	NAPHTHALENE	--	
02	6/9/1998	NAPHTHALENE	--	
02	8/6/1998	NAPHTHALENE	--	
02	11/4/1998	NAPHTHALENE	--	
02	12/16/1999	NAPHTHALENE	--	
02	10/6/2000	NAPHTHALENE	--	
01	9/25/1991	N-BUTYLBENZENE	--	
02	4/14/1997	N-BUTYLBENZENE	--	
02	8/19/1997	N-BUTYLBENZENE	--	
02	10/9/1997	N-BUTYLBENZENE	--	
02	3/10/1998	N-BUTYLBENZENE	--	
02	6/9/1998	N-BUTYLBENZENE	--	
02	8/6/1998	N-BUTYLBENZENE	--	
02	11/4/1998	N-BUTYLBENZENE	--	
02	12/16/1999	N-BUTYLBENZENE	--	
02	10/6/2000	N-BUTYLBENZENE	--	
01	9/25/1991	n-PROPYLBENZENE	--	
02	4/14/1997	n-PROPYLBENZENE	1	NA
02	8/19/1997	n-PROPYLBENZENE	--	
02	10/9/1997	n-PROPYLBENZENE	--	
02	3/10/1998	n-PROPYLBENZENE	--	
02	6/9/1998	n-PROPYLBENZENE	--	

--=Not Detected

NA=No Criteria

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SUMMARY OF TOWN OF GORMAN WATER SAMPLES ANALYSIS

Plant ID	Sample Date	Contaminant Name	Result	MCL
Volatile Organic Compounds			µg/L	µg/L
02	8/6/1998	n-PROPYLBENZENE	--	
02	11/4/1998	n-PROPYLBENZENE	--	
02	12/16/1999	n-PROPYLBENZENE	--	
02	10/6/2000	n-PROPYLBENZENE	--	
01	9/25/1991	o-CHLOROTOLUENE	--	
02	4/14/1997	o-CHLOROTOLUENE	--	
02	8/19/1997	o-CHLOROTOLUENE	--	
02	10/9/1997	o-CHLOROTOLUENE	--	
02	3/10/1998	o-CHLOROTOLUENE	--	
02	6/9/1998	o-CHLOROTOLUENE	--	
02	8/6/1998	o-CHLOROTOLUENE	--	
02	11/4/1998	o-CHLOROTOLUENE	--	
02	12/16/1999	o-CHLOROTOLUENE	--	
02	10/6/2000	o-CHLOROTOLUENE	--	
01	9/25/1991	o-DICHLOROBENZENE	--	
02	4/14/1997	o-DICHLOROBENZENE	--	
02	8/19/1997	o-DICHLOROBENZENE	--	
02	10/9/1997	o-DICHLOROBENZENE	--	
02	3/10/1998	o-DICHLOROBENZENE	--	
02	6/9/1998	o-DICHLOROBENZENE	--	
02	8/6/1998	o-DICHLOROBENZENE	--	
02	11/4/1998	o-DICHLOROBENZENE	--	
02	12/16/1999	o-DICHLOROBENZENE	--	
02	10/6/2000	o-DICHLOROBENZENE	--	
01	9/25/1991	o-XYLENE	--	
02	8/19/1997	o-XYLENE	--	
02	10/9/1997	o-XYLENE	--	
02	3/10/1998	o-XYLENE	--	
02	6/9/1998	o-XYLENE	--	
02	8/6/1998	o-XYLENE	--	
02	11/4/1998	o-XYLENE	--	
02	12/16/1999	o-XYLENE	--	
02	10/6/2000	o-XYLENE	--	
01	9/25/1991	p-CHLOROTOLUENE	--	
02	4/14/1997	p-CHLOROTOLUENE	5	700 ^
02	8/19/1997	p-CHLOROTOLUENE	--	
02	10/9/1997	p-CHLOROTOLUENE	--	
02	3/10/1998	p-CHLOROTOLUENE	--	
02	6/9/1998	p-CHLOROTOLUENE	--	
02	8/6/1998	p-CHLOROTOLUENE	--	
02	11/4/1998	p-CHLOROTOLUENE	--	
02	12/16/1999	p-CHLOROTOLUENE	--	
02	10/6/2000	p-CHLOROTOLUENE	--	
01	9/25/1991	p-DICHLOROBENZENE	--	
02	4/14/1997	p-DICHLOROBENZENE	--	
02	8/19/1997	p-DICHLOROBENZENE	--	
02	10/9/1997	p-DICHLOROBENZENE	--	

--=Not Detected

NA=No Criteria

*=SDWR

^=DWEL

+ =Drinking Water Adv Level

SUMMARY OF TOWN OF GORMAN WATER SAMPLES ANALYSIS

Plant ID	Sample Date	Contaminant Name	Result	MCL
Volatile Organic Compounds			µg/L	µg/L
02	3/10/1998	p-DICHLOROBENZENE	--	
02	6/9/1998	p-DICHLOROBENZENE	--	
02	8/6/1998	p-DICHLOROBENZENE	--	
02	11/4/1998	p-DICHLOROBENZENE	--	
02	12/16/1999	p-DICHLOROBENZENE	--	
02	10/6/2000	p-DICHLOROBENZENE	--	
01	9/25/1991	P-ISOPROPYLTOLUENE	--	
02	4/14/1997	P-ISOPROPYLTOLUENE	--	
02	8/19/1997	P-ISOPROPYLTOLUENE	--	
02	10/9/1997	P-ISOPROPYLTOLUENE	--	
02	3/10/1998	P-ISOPROPYLTOLUENE	--	
02	6/9/1998	P-ISOPROPYLTOLUENE	--	
02	8/6/1998	P-ISOPROPYLTOLUENE	--	
02	11/4/1998	P-ISOPROPYLTOLUENE	--	
02	12/16/1999	P-ISOPROPYLTOLUENE	--	
02	10/6/2000	P-ISOPROPYLTOLUENE	--	
01	9/25/1991	p-XYLENE	--	
02	8/19/1997	p-XYLENE	--	
02	10/9/1997	p-XYLENE	--	
02	3/10/1998	p-XYLENE	--	
02	6/9/1998	p-XYLENE	--	
02	8/6/1998	p-XYLENE	--	
02	11/4/1998	p-XYLENE	--	
02	12/16/1999	p-XYLENE	--	
02	10/6/2000	p-XYLENE	--	
01	9/25/1991	SEC-BUTYLBENZENE	--	
02	4/14/1997	SEC-BUTYLBENZENE	--	
02	8/19/1997	SEC-BUTYLBENZENE	--	
02	10/9/1997	SEC-BUTYLBENZENE	--	
02	3/10/1998	SEC-BUTYLBENZENE	--	
02	6/9/1998	SEC-BUTYLBENZENE	--	
02	8/6/1998	SEC-BUTYLBENZENE	--	
02	11/4/1998	SEC-BUTYLBENZENE	--	
02	12/16/1999	SEC-BUTYLBENZENE	--	
02	10/6/2000	SEC-BUTYLBENZENE	--	
01	9/25/1991	STYRENE	--	
02	4/14/1997	STYRENE	--	
02	8/19/1997	STYRENE	--	
02	10/9/1997	STYRENE	--	
02	3/10/1998	STYRENE	--	
02	6/9/1998	STYRENE	--	
02	8/6/1998	STYRENE	--	
02	11/4/1998	STYRENE	--	
02	12/16/1999	STYRENE	--	
02	10/6/2000	STYRENE	--	
01	9/25/1991	TERT-BUTYLBENZENE	--	
02	4/14/1997	TERT-BUTYLBENZENE	--	

--=Not Detected

NA=No Criteria

*=SDWR

^=DWEL

+ =Drinking Water Adv Level

SUMMARY OF TOWN OF GORMAN WATER SAMPLES ANALYSIS

Plant ID	Sample Date	Contaminant Name	Result	MCL
Volatile Organic Compounds			µg/L	µg/L
02	8/19/1997	TERT-BUTYLBENZENE	--	
02	10/9/1997	TERT-BUTYLBENZENE	--	
02	3/10/1998	TERT-BUTYLBENZENE	--	
02	6/9/1998	TERT-BUTYLBENZENE	--	
02	8/6/1998	TERT-BUTYLBENZENE	--	
02	11/4/1998	TERT-BUTYLBENZENE	--	
02	12/16/1999	TERT-BUTYLBENZENE	--	
02	10/6/2000	TERT-BUTYLBENZENE	--	
01	9/25/1991	TETRACHLOROETHYLENE	--	
02	4/14/1997	TETRACHLOROETHYLENE	--	
02	8/19/1997	TETRACHLOROETHYLENE	--	
02	10/9/1997	TETRACHLOROETHYLENE	--	
02	3/10/1998	TETRACHLOROETHYLENE	--	
02	6/9/1998	TETRACHLOROETHYLENE	--	
02	8/6/1998	TETRACHLOROETHYLENE	--	
02	11/4/1998	TETRACHLOROETHYLENE	--	
02	12/16/1999	TETRACHLOROETHYLENE	--	
02	10/6/2000	TETRACHLOROETHYLENE	--	
01	9/25/1991	TOLUENE	--	
02	4/14/1997	TOLUENE	--	
02	8/19/1997	TOLUENE	--	
02	10/9/1997	TOLUENE	--	
02	3/10/1998	TOLUENE	--	
02	6/9/1998	TOLUENE	--	
02	8/6/1998	TOLUENE	--	
02	11/4/1998	TOLUENE	--	
02	12/16/1999	TOLUENE	--	
02	10/6/2000	TOLUENE	--	
01	9/25/1991	trans-1,2-DICHLOROETHYLENE	--	
02	4/14/1997	trans-1,2-DICHLOROETHYLENE	--	
02	8/19/1997	trans-1,2-DICHLOROETHYLENE	--	
02	10/9/1997	trans-1,2-DICHLOROETHYLENE	--	
02	3/10/1998	trans-1,2-DICHLOROETHYLENE	--	
02	6/9/1998	trans-1,2-DICHLOROETHYLENE	--	
02	8/6/1998	trans-1,2-DICHLOROETHYLENE	--	
02	11/4/1998	trans-1,2-DICHLOROETHYLENE	--	
02	12/16/1999	trans-1,2-DICHLOROETHYLENE	--	
02	10/6/2000	trans-1,2-DICHLOROETHYLENE	--	
01	9/25/1991	TRICHLOROETHYLENE	--	
02	4/14/1997	TRICHLOROETHYLENE	--	
02	8/19/1997	TRICHLOROETHYLENE	--	
02	10/9/1997	TRICHLOROETHYLENE	--	
02	3/10/1998	TRICHLOROETHYLENE	--	
02	6/9/1998	TRICHLOROETHYLENE	--	
02	8/6/1998	TRICHLOROETHYLENE	--	
02	11/4/1998	TRICHLOROETHYLENE	--	
02	12/16/1999	TRICHLOROETHYLENE	--	

--=Not Detected

NA=No Criteria

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SUMMARY OF TOWN OF GORMAN WATER SAMPLES ANALYSIS

Plant ID	Sample Date	Contaminant Name	Result	MCL
Volatile Organic Compounds			µg/L	µg/L
02	10/6/2000	TRICHLOROETHYLENE	--	
01	9/25/1991	TRICHLOROFLUOROMETHANE	--	
02	4/14/1997	TRICHLOROFLUOROMETHANE	--	
02	8/19/1997	TRICHLOROFLUOROMETHANE	--	
02	10/9/1997	TRICHLOROFLUOROMETHANE	--	
02	3/10/1998	TRICHLOROFLUOROMETHANE	--	
02	6/9/1998	TRICHLOROFLUOROMETHANE	--	
02	8/6/1998	TRICHLOROFLUOROMETHANE	--	
02	11/4/1998	TRICHLOROFLUOROMETHANE	--	
02	12/16/1999	TRICHLOROFLUOROMETHANE	--	
02	10/6/2000	TRICHLOROFLUOROMETHANE	--	
01	9/25/1991	VINYL CHLORIDE	--	
02	4/14/1997	VINYL CHLORIDE	--	
02	8/19/1997	VINYL CHLORIDE	--	
02	10/9/1997	VINYL CHLORIDE	--	
02	3/10/1998	VINYL CHLORIDE	--	
02	6/9/1998	VINYL CHLORIDE	--	
02	8/6/1998	VINYL CHLORIDE	--	
02	11/4/1998	VINYL CHLORIDE	--	
02	12/16/1999	VINYL CHLORIDE	--	
02	10/6/2000	VINYL CHLORIDE	--	
01	9/25/1991	XYLENES, TOTAL	--	
02	4/14/1997	XYLENES, TOTAL	22	10000
02	8/19/1997	XYLENES, TOTAL	--	
02	10/9/1997	XYLENES, TOTAL	--	
02	3/10/1998	XYLENES, TOTAL	--	
02	6/9/1998	XYLENES, TOTAL	--	
02	8/6/1998	XYLENES, TOTAL	--	
02	11/4/1998	XYLENES, TOTAL	--	
02	12/16/1999	XYLENES, TOTAL	--	
02	10/6/2000	XYLENES, TOTAL	--	
Synthetic Organic Compounds			µg/L	µg/L
01	9/25/1991	1,2-DIBROMO-3-CHLOROPROPANE	--	
01	10/10/1996	1,2-DIBROMO-3-CHLOROPROPANE	--	
02	4/14/1997	1,2-DIBROMO-3-CHLOROPROPANE	--	
02	4/14/1997	1,2-DIBROMO-3-CHLOROPROPANE	--	
02	8/19/1997	1,2-DIBROMO-3-CHLOROPROPANE	--	
02	10/9/1997	1,2-DIBROMO-3-CHLOROPROPANE	--	
02	3/10/1998	1,2-DIBROMO-3-CHLOROPROPANE	--	
02	6/9/1998	1,2-DIBROMO-3-CHLOROPROPANE	--	
02	8/6/1998	1,2-DIBROMO-3-CHLOROPROPANE	--	
02	11/4/1998	1,2-DIBROMO-3-CHLOROPROPANE	--	
02	10/6/2000	1,2-DIBROMO-3-CHLOROPROPANE	--	
01	10/10/1996	2,4,5-T	--	
02	4/14/1997	2,4,5-T	--	
02	10/6/2000	2,4,5-T	--	
01	10/10/1996	2,4,5-TP (SILVEX)	--	

--=Not Detected

NA=No Criteria

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SUMMARY OF TOWN OF GORMAN WATER SAMPLES ANALYSIS

Plant ID	Sample Date	Contaminant Name	Result	MCL
Synthetic Organic Compounds			µg/L	µg/L
02	4/14/1997	2,4,5-TP (SILVEX)	--	
02	10/6/2000	2,4,5-TP (SILVEX)	--	
01	10/10/1996	2,4-D	--	
02	4/14/1997	2,4-D	--	
02	10/6/2000	2,4-D	--	
02	10/6/2000	3-HYDROXYCARBOFURAN	--	
01	10/10/1996	ALACHLOR (LASSO)	--	
02	4/14/1997	ALACHLOR (LASSO)	--	
02	10/6/2000	ALACHLOR (LASSO)	--	
02	10/6/2000	ALDICARB	--	
02	10/6/2000	ALDICARB SULFONE	--	
02	10/6/2000	ALDICARB SULFOXIDE	--	
01	10/10/1996	ALDRIN	--	
02	4/14/1997	ALDRIN	--	
02	10/6/2000	ALDRIN	--	
01	10/10/1996	ATRAZINE	--	
02	4/14/1997	ATRAZINE	--	
02	10/6/2000	ATRAZINE	--	
01	10/10/1996	BENZO(a)PYRENE	--	
02	4/14/1997	BENZO(a)PYRENE	--	
02	10/6/2000	BENZO(a)PYRENE	--	
01	10/10/1996	BHC-GAMMA(LINDANE)	--	
02	4/14/1997	BHC-GAMMA(LINDANE)	--	
02	10/6/2000	BHC-GAMMA(LINDANE)	--	
01	10/10/1996	BUTACHLOR (MACHETE)	--	
02	4/14/1997	BUTACHLOR (MACHETE)	--	
02	10/6/2000	BUTACHLOR (MACHETE)	--	
02	10/6/2000	CARBARYL	--	
02	10/6/2000	CARBOFURAN	--	
01	10/10/1996	CHLORDANE	--	
02	4/14/1997	CHLORDANE	--	
02	10/6/2000	CHLORDANE	--	
01	10/10/1996	DALAPON	--	
02	4/14/1997	DALAPON	--	
02	10/6/2000	DALAPON	--	
01	10/10/1996	DECACHLOROBIPHENYL	--	
02	4/14/1997	DECACHLOROBIPHENYL	--	
01	10/10/1996	DI(2-ETHYLHEXYL) ADIPATE	--	
02	4/14/1997	DI(2-ETHYLHEXYL) ADIPATE	--	
02	10/6/2000	DI(2-ETHYLHEXYL) ADIPATE	--	
01	10/10/1996	DI(2-ETHYLHEXYL) PHTHALATE	--	
02	4/14/1997	DI(2-ETHYLHEXYL) PHTHALATE	--	
02	10/6/2000	DI(2-ETHYLHEXYL) PHTHALATE	0.5	6
01	10/10/1996	DIAZINON (SPECTRACIDE)	--	
02	4/14/1997	DIAZINON (SPECTRACIDE)	--	
01	10/10/1996	DICAMBA	--	
02	4/14/1997	DICAMBA	--	

--=Not Detected

NA=No Criteria

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SUMMARY OF TOWN OF GORMAN WATER SAMPLES ANALYSIS

Plant ID	Sample Date	Contaminant Name	Result	MCL
Synthetic Organic Compounds			µg/L	µg/L
02	10/6/2000	DICAMBA	--	
01	10/10/1996	DIELDRIN	--	
02	4/14/1997	DIELDRIN	--	
02	10/6/2000	DIELDRIN	--	
01	10/10/1996	DINOSEB	--	
02	4/14/1997	DINOSEB	--	
02	10/6/2000	DINOSEB	--	
01	10/10/1996	DURSBAN	--	
02	4/14/1997	DURSBAN	--	
01	10/10/1996	ENDRIN	--	
02	4/14/1997	ENDRIN	--	
02	10/6/2000	ENDRIN	--	
01	10/10/1996	ETHYLENE DIBROMIDE (EDB)	--	
02	4/14/1997	ETHYLENE DIBROMIDE (EDB)	--	
02	4/14/1997	ETHYLENE DIBROMIDE (EDB)	--	
02	8/19/1997	ETHYLENE DIBROMIDE (EDB)	--	
02	10/9/1997	ETHYLENE DIBROMIDE (EDB)	--	
02	3/10/1998	ETHYLENE DIBROMIDE (EDB)	--	
02	6/9/1998	ETHYLENE DIBROMIDE (EDB)	--	
02	8/6/1998	ETHYLENE DIBROMIDE (EDB)	--	
02	11/4/1998	ETHYLENE DIBROMIDE (EDB)	--	
02	10/6/2000	ETHYLENE DIBROMIDE (EDB)	--	
01	10/10/1996	HEPTACHLOR	--	
02	4/14/1997	HEPTACHLOR	--	
02	10/6/2000	HEPTACHLOR	--	
01	10/10/1996	HEPTACHLOR EPOXIDE	--	
02	4/14/1997	HEPTACHLOR EPOXIDE	--	
02	10/6/2000	HEPTACHLOR EPOXIDE	--	
01	10/10/1996	HEXACHLOROBENZENE (HCB)	--	
02	4/14/1997	HEXACHLOROBENZENE (HCB)	--	
02	10/6/2000	HEXACHLOROBENZENE (HCB)	--	
01	10/10/1996	HEXACHLOROCYCLOPENTADIENE	0.05	50
02	4/14/1997	HEXACHLOROCYCLOPENTADIENE	--	
02	10/6/2000	HEXACHLOROCYCLOPENTADIENE	--	
02	10/6/2000	METHOMYL	--	
01	10/10/1996	METHOXYCHLOR	--	
02	4/14/1997	METHOXYCHLOR	--	
02	10/6/2000	METHOXYCHLOR	--	
01	10/10/1996	METOLACHLOR	--	
02	4/14/1997	METOLACHLOR	--	
02	10/6/2000	METOLACHLOR	--	
01	10/10/1996	METRIBUZIN (SENCOR)	--	
02	4/14/1997	METRIBUZIN (SENCOR)	--	
02	10/6/2000	METRIBUZIN (SENCOR)	--	
02	10/6/2000	OXAMYL (VYDATE)	--	
01	10/10/1996	PENTACHLOROPHENOL	--	
02	4/14/1997	PENTACHLOROPHENOL	--	

--=Not Detected

NA=No Criteria

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SUMMARY OF TOWN OF GORMAN WATER SAMPLES ANALYSIS

Plant ID	Sample Date	Contaminant Name	Result	MCL
Synthetic Organic Compounds			µg/L	µg/L
02	10/6/2000	PENTACHLOROPHENOL	0.02	1
01	10/10/1996	PICLORAM	--	
02	4/14/1997	PICLORAM	--	
02	10/6/2000	PICLORAM	--	
01	10/10/1996	PROPACHLOR (RAMROD)	--	
02	4/14/1997	PROPACHLOR (RAMROD)	--	
02	10/6/2000	PROPACHLOR (RAMROD)	--	
01	10/10/1996	SIMAZINE	--	
02	4/14/1997	SIMAZINE	--	
02	10/6/2000	SIMAZINE	--	
01	10/10/1996	TOXAPHENE	--	
02	4/14/1997	TOXAPHENE	--	
Radionuclides			pCi/L	pCi/L
00	11/6/1995	GROSS ALPHA	1	15
02	4/14/1997	GROSS ALPHA	1.4	15
02	8/19/1997	GROSS ALPHA	1.4	15
02	10/9/1997	GROSS ALPHA	1.4	15
02	3/3/1998	GROSS ALPHA	1.4	15
02	11/4/1998	GROSS ALPHA	1	15
02	11/4/1998	GROSS ALPHA (SHORT TERM)	--	
00	11/6/1995	GROSS BETA	2.1	50
02	4/14/1997	GROSS BETA	2	50
02	8/19/1997	GROSS BETA	2	50
02	10/9/1997	GROSS BETA	2	50
02	3/3/1998	GROSS BETA	2	50
02	11/4/1998	GROSS BETA	--	
02	11/4/1998	GROSS BETA (SHORT TERM)	--	
Inorganic Compounds			mg/L	mg/L
01	10/10/1996	ANTIMONY	--	
02	12/17/1996	ANTIMONY	--	
02	4/14/1997	ANTIMONY	--	
02	10/6/2000	ANTIMONY	--	
01	12/20/1993	ARSENIC	--	
01	10/10/1996	ARSENIC	--	
02	12/17/1996	ARSENIC	--	
02	4/14/1997	ARSENIC	--	
02	10/6/2000	ARSENIC	--	
01	10/10/1996	BARIUM	--	
02	12/17/1996	BARIUM	--	
02	4/14/1997	BARIUM	--	
02	10/6/2000	BARIUM	--	
01	10/10/1996	BERYLLIUM	--	
02	12/17/1996	BERYLLIUM	--	
02	4/14/1997	BERYLLIUM	--	
02	10/6/2000	BERYLLIUM	--	
01	10/10/1996	CADMIUM	--	
02	12/17/1996	CADMIUM	--	

--=Not Detected

NA=No Criteria

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^=DWEL

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SUMMARY OF TOWN OF GORMAN WATER SAMPLES ANALYSIS

Plant ID	Sample Date	Contaminant Name	Result	MCL
Inorganic Compounds			mg/L	mg/L
02	4/14/1997	CADMIUM	--	
02	10/6/2000	CADMIUM	--	
02	12/17/1996	CHLORIDE	1	250 *
01	10/10/1996	CHROMIUM	--	
02	12/17/1996	CHROMIUM	--	
02	4/14/1997	CHROMIUM	--	
02	10/6/2000	CHROMIUM	--	
01	10/10/1996	FLUORIDE	--	
02	12/17/1996	FLUORIDE	--	
02	4/14/1997	FLUORIDE	--	
02	10/6/2000	FLUORIDE	--	
02	12/17/1996	IRON	--	
02	12/17/1996	MANGANESE	--	
01	10/10/1996	MERCURY	--	
02	12/17/1996	MERCURY	--	
02	4/14/1997	MERCURY	--	
02	10/6/2000	MERCURY	--	
01	10/10/1996	NICKEL	--	
02	12/17/1996	NICKEL	--	
02	4/14/1997	NICKEL	--	
02	10/6/2000	NICKEL	--	
01	10/10/1996	NITRATE	--	
02	12/17/1996	NITRATE	0.5	10
02	4/14/1997	NITRATE	0.2	10
01	10/22/1997	NITRATE	2	10
02	10/27/1998	NITRATE	2	10
02	5/26/1999	NITRATE	--	
02	8/30/2000	NITRATE	0.5	10
02	10/6/2000	NITRATE	0.6	10
02	1/2/2001	NITRATE	0.4	10
01	10/10/1996	NITRITE	0.002	1
02	12/17/1996	NITRITE	--	
02	4/14/1997	NITRITE	--	
01	10/10/1996	SELENIUM	--	
02	12/17/1996	SELENIUM	--	
02	4/14/1997	SELENIUM	--	
02	10/6/2000	SELENIUM	--	
01	10/10/1996	SODIUM	24.3	60 +
02	12/17/1996	SODIUM	1.6	60 +
02	4/14/1997	SODIUM	3.5	60 +
02	10/6/2000	SODIUM	2.48	60 +
01	10/10/1996	SULFATE	96	250*
02	12/17/1996	SULFATE	11.1	250*
02	4/14/1997	SULFATE	--	
01	10/10/1996	THALLIUM	--	
02	12/17/1996	THALLIUM	--	
02	4/14/1997	THALLIUM	--	

--=Not Detected

NA=No Criteria

*=SDWR

^=DWEL

+=Drinking Water Adv Level

SUMMARY OF TOWN OF GORMAN WATER SAMPLES ANALYSIS

Plant ID	Sample Date	Contaminant Name	Result	MCL
Inorganic Compounds			mg/L	mg/L
02	10/6/2000	THALLIUM	--	
General Water Quality Parameters				
02	12/17/1996	ALKALINITY, CARBONATE	84	
02	12/17/1996	ALKALINITY, TOTAL	83	
02	12/17/1996	HARDNESS, TOTAL (AS CaCO3)	82	
01	10/10/1996	pH	9.5	6.5-8.5*
02	12/17/1996	pH	6.4	6.5-8.5*
02	4/14/1997	pH	7.1	6.5-8.5 *
02	12/17/1996	TOTAL DISSOLVED SOLIDS (TDS)	88	500 *
02	12/17/1996	CONDUCTIVITY @ 25 C U-MHO	172	
02	12/17/1996	TURBIDITY	0.2	1

--=Not Detected

NA=No Criteria

*=SDWR

^=DWEL

+ =Drinking Water Adv Level

SUMMARY OF MICROBIOLOGICAL CONTAMINANT ANALYSIS FOR GORMAN WATER SAMPLES

Sample Date	Samples Taken	Total Coliform	Total Fecal	Total Indeterminate	Sample Repeats	Repeat Coliforms	Repeat Fecal	Repeat Indeterminate
3/1/1997	1	0	0	0	--	--	--	--
4/1/1997	1	0	0	0	--	--	--	--
5/1/1997	1	0	0	0	--	--	--	--
6/1/1997	1	0	0	0	--	--	--	--
7/1/1997	1	0	0	0	--	--	--	--
8/1/1997	1	0	0	0	--	--	--	--
9/1/1997	1	0	0	0	--	--	--	--
10/1/1997	1	0	0	0	--	--	--	--
11/1/1997	1	0	0	0	--	--	--	--
12/1/1997	1	0	0	0	--	--	--	--
1/1/1998	1	0	0	0	--	--	--	--
2/1/1998	1	0	0	0	--	--	--	--
3/1/1998	1	0	0	0	--	--	--	--
4/1/1998	1	0	0	0	--	--	--	--
5/1/1998	1	0	0	0	--	--	--	--
6/1/1998	1	0	0	0	--	--	--	--
7/1/1998	1	0	0	0	--	--	--	--
8/1/1998	1	0	0	0	--	--	--	--
9/1/1998	1	0	0	0	--	--	--	--
10/1/1998	1	0	0	0	--	--	--	--
11/1/1998	1	0	0	0	--	--	--	--
12/1/1998	1	0	0	0	--	--	--	--
1/1/1999	1	0	0	0	--	--	--	--
2/1/1999	1	0	0	0	--	--	--	--
3/1/1999	1	0	0	0	--	--	--	--
4/1/1999	1	0	0	0	--	--	--	--
5/1/1999	1	0	0	0	--	--	--	--
6/1/1999	1	0	0	0	--	--	--	--
7/1/1999	1	0	0	0	--	--	--	--
8/1/1999	1	0	0	0	--	--	--	--
9/1/1999	1	0	0	0	--	--	--	--
10/1/1999	1	0	0	0	--	--	--	--
11/1/1999	1	0	0	0	--	--	--	--
12/1/1999	1	0	0	0	--	--	--	--
1/1/2000	1	0	0	0	--	--	--	--
2/1/2000	1	0	0	0	--	--	--	--
3/1/2000	1	0	0	0	--	--	--	--
4/1/2000	1	0	0	0	--	--	--	--
5/1/2000	1	0	0	0	--	--	--	--
6/1/2000	1	0	0	0	--	--	--	--
7/1/2000	1	0	0	0	--	--	--	--

-- = not applicable

SUMMARY OF MICROBIOLOGICAL CONTAMINANT ANALYSIS FOR GORMAN WATER SAMPLES

Sample Date	Samples Taken	Total Coliform	Total Fecal	Total Indeterminate	Sample Repeats	Repeat Coliforms	Repeat Fecal	Repeat Indeterminate
8/1/2000	1	0	0	0	--	--	--	--
9/1/2000	1	0	0	0	--	--	--	--
10/1/2000	1	0	0	0	--	--	--	--
11/1/2000	1	0	0	0	--	--	--	--
12/1/2000	1	0	0	0	--	--	--	--
1/1/2001	1	0	0	0	--	--	--	--
2/1/2001	1	0	0	0	--	--	--	--
3/1/2001	1	0	0	0	--	--	--	--
4/1/2001	1	0	0	0	--	--	--	--
5/1/2001	1	0	0	0	--	--	--	--
6/1/2001	1	0	0	0	--	--	--	--
7/1/2001	1	0	0	0	--	--	--	--
8/1/2001	1	0	0	0	--	--	--	--
9/1/2001	1	0	0	0	--	--	--	--
10/1/2001	1	0	0	0	--	--	--	--
11/1/2001	1	0	0	0	--	--	--	--
12/1/2001	1	0	0	0	--	--	--	--
1/1/2002	1	0	0	0	--	--	--	--
2/1/2002	1	0	0	0	--	--	--	--
3/1/2002	1	0	0	0	--	--	--	--
4/1/2002	1	0	0	0	--	--	--	--
5/1/2002	1	0	0	0	--	--	--	--
6/1/2002	1	0	0	0	--	--	--	--
7/1/2002	1	0	0	0	--	--	--	--

-- = not applicable

**GROUND WATER UNDER DIRECT INFLUENCE (GWUDI)
OF SURFACE WATER FOR TOWN OF GORMAN**

Plant ID	Sample Date	Temp (C)	pH	Turbidity (NTU)	Total Coliform (org/100 mL)	Total Fecal (org/100 mL)
02	11/9/1998	--	6.2	0.19	--	--
03	11/9/1998	--	7.5	0.15	--	--

-- = non detect