

**Frederick County Division of Planning  
Water Resources Element**

**MUNICIPAL SURVEY**

*Your municipality's views are important to us. Please discuss the contents of this survey with your municipal elected officials, municipal staff, planning commission, municipal engineers, etc., and complete the questionnaire. Your participation will assist in the County's preparation of the Water Resources Element. Please return the survey by December 1, 2007 to Hilari Varnadore, WRE Project Planner, Frederick County Division of Planning, Winchester Hall, 12 E. Church Street, Frederick, MD 21701.*

Name of municipality: City of Frederick Person(s) completing form: Joe Adkins

Phone number: 301 600-1655 Email: jadkins@cityoffrederick.com

Address: 140 West Patrick Street, Frederick MD 21701

1. Which of the following are of greatest concern to your municipality (check all that apply)

- a. Inadequate stormwater management in urban areas
- b. Inadequate stormwater management in suburban areas
- c. Need for watershed-wide stormwater runoff studies and planning
- d. Pollution entering streams from nonpoint sources (stormwater runoff from urban, suburban, and agricultural lands)
- e. Erosion (either on-land or in-stream) caused by stormwater runoff
- f. Depletion of ground water levels due to increased impervious cover (streets, driveways, sidewalks, rooftops, etc.)
- g. Depletion of ground water levels due to number and capacity of wells
- h. Contamination of ground water from on-lot septic systems
- i. Contamination of ground water from spills or releases of pollutants
- j. Contamination of streams and resultant fish/wildlife kills from spills or release of Pollutants
- k. Declining stream flows
- l. Protection of streams and ground water as sources for public water supplies
- m. Reliable quantities of water supplies to support future growth
- n. Lack of availability of public water supply and/or wastewater services in your Municipality
- o. Potential expansion of public water supply and/or wastewater services to your Municipality

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- p. Quality of water from public water supply
- q. Discharge of treated wastewater to streams
- r. Land application of treated wastewater (spray irrigation, drip irrigation, etc.)
- s. Other (please describe) Karst Topography

2. Out of the previous issues, which three are of the greatest concern? m, n, o

**WATER SUPPLY ISSUES**

3. Describe the source(s) of drinking water supply in your municipality (groundwater, spring, surface, etc.). Include your permitted appropriation for each source.

	Plant Capacity	Safe Yield
Linganore	6 MGD	6 MGD
Monocacy	3 MGD	2 MGD
Lester Dingle	1.7 MGD	.89 MGD
Well #3, 4,7	.68 MGD	.68 MGD
Does not include the PRWSA		

4. What, if any, sources of water quality problems exist in your municipality?

<u>Source</u>	<u>Location</u>
None	

5. Are there households or individuals relying on wells in your municipality?  yes  no

5a. If yes, have they experienced shortages of water supply in the last 5 years?

- yes  no  don't know

5b. Have they experienced water quality problems in the last 5 years?

- yes  no  don't know

5c. Please indicate the nature of any problems with individual wells in the space below.

<u>Location</u>	<u>Description of Problem</u>

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6. Are you aware of any improperly abandoned wells in your community (i.e. wells not capped and at risk of contamination)?  yes  no

6a. If yes, please describe their location. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**WASTEWATER TREATMENT ISSUES**

7. If public sewer service is provided in your community, are individual septic systems permitted?  yes  no

8. If individual septic systems **are not** permitted, are there any existing septic systems grandfathered in?  
 yes  no

7a. If yes, how many? Less 15

9. If individual septic systems **are** permitted, are any households or individuals in your municipality experiencing on-lot septic problems?  yes  no

9a. If yes, please indicate the nature of the problem(s) and where they are occurring.

<u>Location</u>	<u>Description of Problem</u>
_____	_____
_____	_____
_____	_____

**STORMWATER ISSUES**

10. Does your municipality experience problems from stormwater runoff, flooding, or stream bank erosion on a frequent basis (one or more times every two years on average)?  
 yes  no

10a. If yes, please describe the type of problem and indicate where such events occur.

<u>Location</u>	<u>Description</u>
_____	_____
_____	_____
_____	_____

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11. How would you characterize the stormwater and/or flooding problems you have experienced in the last five years (please check all that apply)?

- Required evacuations from homes and businesses
- Flooding against or inside homes and businesses
- Road closures/street flooding
- Significant soil erosion on land or in stream channels
- Flooding of floodplain lands with no direct impact to persons or structures
- Other (please describe) Baker Park acts as a storage pond for the Carroll Creek Flood Control Project

12. Please describe how stormwater management facilities are maintained in your municipality, who owns/maintains them, and whether there are significant areas without SWM facilities.

City of Frederick, Private Ownership or HOA's  
City of Frederick has maintenance and inspection agreements

**WATERSHED PLANNING**

13. What activities have you undertaken and which would you consider undertaking to protect water quality and quantity in your municipality?

	<u>Have Done</u>	<u>Would Consider</u>
Stormwater Management Ordinance	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Watershed Protection Programs/Plans	<input type="checkbox"/>	<input type="checkbox"/>
Floodplain Management Programs/Ordinances	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wellhead Protection Programs/Ordinances	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Riparian Buffer Programs/Ordinances	<input type="checkbox"/>	<input type="checkbox"/>
Maximum Impervious Coverage Standards	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other <u>City of Frederick watershed is in Frederick County</u>	<input type="checkbox"/>	<input type="checkbox"/>

14. Please list what you believe to be the specific obstacles to implementing regional watershed planning and protection?

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**GENERAL GROWTH AND PLANNING QUESTIONS**

15. What is your projected population for the year 2020? 78,000 2030? 95,000

16. Please indicate the approximate number of vacant, but recorded lots within your municipality that are not yet connected to the community water or sewer system? about 1,235 (1)

17. Please list any ongoing or planned projects, which you feel contribute to the preservation and wise utilization of the ground water, streams, and watersheds of Frederick County.

<u>Location</u>	<u>Stream/Watershed</u>	<u>Description</u>
<u>Purchasing properties in the</u>	<u>City's watershed</u>	
<u>WWTP Gas House Pike</u>	<u>Monocacy River</u>	<u>Upgrading plant as required by MDE</u>

18. What additional water resource problems are you currently facing and what type of assistance/information would be useful to you in addressing these concerns?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

19. What other water resources issues/concerns/recommendations would you like to see addressed in the County's Water Resources Element?

Exploring the potential for regional water and sewer utilities.

\_\_\_\_\_

\_\_\_\_\_

**THANK YOU FOR YOUR HELP!**

(1) May include lots that are owned by Federal, State, County, City or Utilities. Also may include lots where a house straddles two lots. Also may include floodplain and unbuildable lots.