

Black Creek Watershed State of the Basin Report

Prepared for

Black Creek Watershed Coalition
River Network

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**Black Creek Watershed
State of the Basin Report - July 2003**

Credits
Contents
Executive Summary

1.0 Introduction

- 1.1 Purpose
- 1.2 Background
 - 1.2.1 Intermunicipal Watershed Planning
 - 1.2.2 Initiation of Planning for the Black Creek Watershed
- 1.3 Goals and objectives
 - 1.3.1 Goals
 - 1.3.2 Objectives
- 1.4 Relationships to governmental and local programs
 - 1.4.1 International Programs
 - 1.4.2 Federal Programs
 - 1.4.2.1 U.S. Army Corps of Engineers
 - 1.4.2.2 U. S. Geological Survey
 - 1.4.2.3 U.S. Department of Agriculture
 - 1.4.2.4 U.S. Fish and Wildlife Service
 - 1.4.3 New York State Programs
 - 1.4.3.1 Stormwater management regulations
 - 1.4.3.2 NYS Water Quality Standards
 - 1.4.3.3 NYSDEC Priority Waterbodies List
 - 1.4.3.4 NYS Unified Watershed Assessment Report
 - 1.4.3.5 NYS Freshwater Wetlands Act
 - 1.4.3.6 NYS Use and Protection of Waters
 - 1.4.3.7 NYS Canal Corporation
 - 1.4.3.8 NYS Environmental Quality Review
 - 1.4.4 Regional programs
 - 1.4.5 County programs
 - 1.4.6 Local programs in towns and villages
- 1.5 Coalition members and public participation
 - 1.5.1 Black Creek Watershed Symposium
 - 1.5.2 Black Creek Watershed Coalition
 - 1.5.3 Intermunicipal agreement between counties
 - 1.5.4 Encourage participation by municipalities in the watershed
 - 1.5.5 Newsletters and mailings
 - 1.5.6 News media coverage
 - 1.5.7 Web site development

- 1.5.8 Consultant team
- 1.5.9 Field tours within the watershed

1.6 Historical and geographical setting

- 1.6.1 Black Creek
- 1.6.2 Town of Bethany
- 1.6.3 Town of Stafford
- 1.6.4 Godfrey's Pond
- 1.6.5 Town of Byron
- 1.6.6 Town of Bergen
- 1.6.7 Bergen Swamp
- 1.6.8 Town of Riga and Village of Churchville
- 1.6.9 Town of Chili

2.0 Geographical description of the watershed

- 2.1 Geology
 - 2.1.1 Bedrock geology
 - 2.1.2 Surficial geology
- 2.2 Location of Black Creek and tributaries
- 2.3 Size and boundaries of watershed and subwatersheds
- 2.4 Floodplains
- 2.5 Federal and State wetlands and riparian zones
- 2.6 Soils
- 2.7 Topography
- 2.8 Aquifers
- 2.9 Land cover
- 2.10 Natural resources
- 2.11 Climate
- 2.12 Demographics

3.0 Uses of land and water

- 3.1 Land uses
 - 3.1.1 Agricultural/Idle
 - 3.1.2 Residential
 - 3.1.3 Commercial
 - 3.1.4 Industrial
 - 3.1.5 Power generation facilities
 - 3.1.6 Mines
 - 3.1.7 Active and inactive waste sites
 - 3.1.8 Public facilities
 - 3.1.9 Airports

- 3.1.10 Cemeteries
- 3.1.11 Waterbodies and wetlands
- 3.1.12 Forests and silviculture
- 3.1.13 Parks and recreation
- 3.1.14 Nature preserves
- 3.2 Land transportation
- 3.3 Scenic viewsheds
- 3.4 Land use trends
- 3.5 Governmental policies and regulations for land use
- 3.6 Consumptive water uses
- 3.7 Recreational opportunities
- 3.8 Educational opportunities

4.0 Water Quality

- 4.1 Characteristics
 - 4.1.1 Physical characteristics
 - 4.1.2 Chemical water quality data
 - 4.1.3 Biological water quality indicators
- 4.2 Water discharge management
 - 4.2.1 Industrial and sanitary discharges
 - 4.2.2 Agricultural discharges
 - 4.2.3 Stormwater runoff management

5.0 Water quantity

- 5.1 Flow data
- 5.2 Drainage infrastructure
 - 5.2.1 Dams
 - 5.2.2 Storm and sanitary sewers
 - 5.2.3 Other stormwater runoff management

6.0 Summary of problems and risks

- 6.1 Water quality risks
 - 6.1.1 Point sources
 - 6.1.2 Agricultural sources
 - 6.1.3 Nonpoint sources
 - 6.1.4 Public water quality concerns
- 6.2 Water quantity risks
 - 6.2.1 Flooding
 - 6.2.2 Base flow
 - 6.2.3 Public water quantity concerns

6.3 Recommendations

7.0 Appendices

7.1 References

7.2 Summary of comments from workshop participants

7.3 Black Creek Basin State of the Basin distribution list

8.0 List of Maps

Map 1	Black Creek Watershed
Map 2	Bedrock Geology
Map 3	Surficial Geology
Map 4	Complete Stream Network
Map 5	Black Creek Watershed and Subwatersheds
Map 6	FEMA Flood Hazard Zones
Map 7	National Wetlands Inventory
Map 8	NYSDEC Wetlands
Map 9	Soil Interpretation - Hydrologic Soil Groups
Map 10	Topographic Elevations
Map 11	Topographic Aspect
Map 12	Topographic Slopes
Map 13	Bedrock Aquifers
Map 14	Surficial Aquifers
Map 15	USGS Land Use/Land Cover 1970's/1980's
Map 16	USGS Land Use/Land Cover 1992
Map 17	Land Use/Land Cover, 2002 Experimental
Map 18	Mines or Quarries, and Disturbed Areas
Map 19	Mines, NYSDEC
Map 20	Mines, EPA
Map 21	Oil and Gas Wells
Map 22	Annual Precipitation
Map 23	Percent of Watershed Population in Each Town, 2000 (change 1990 to 2000)
Map 24	Watershed Population in Each Town, 2000 (change 1990 to 2000)
Map 25	Watershed Census Blocks
Map 26	Agricultural Districts
Map 27	RCRA Facilities
Map 28	Recorded Spills
Map 29	School Districts
Map 30	Public Libraries
Map 31	Places of Worship
Map 32	Healthcare Facilities

Map 33	Town Halls
Map 34	Airports
Map 35	Cemeteries
Map 36	Waterbodies and Wetlands
Map 37	Forests and Silviculture
Map 38	County Parks
Map 39	Nature Preserves
Map 40	Land Transportation
Map 41	Biological Monitoring Stations and Protected Streams
Map 42	SPDES Facilities
Map 43	Various Storage Facilities; CAFO; Pesticide Applications
Map 44	Dams
Map 45	Sewer Districts and Treatment Plants
Map 46	Toxic Release Inventory

9.0 List of Figures

- Figure 4.1. Specific conductance versus total dissolved solids (TDS)
- Figure 4.2. Specific conductance versus residual solids
- Figure 4.3. Relationship between Ca^{+2} and Mg^{+2}
- Figure 4.4. Relationship between Ca^{+2} and SO_4^{-2}
- Figure 5.1. Variation of the average flow rate in Black Creek for each day of the year

Black Creek Watershed - State of the Basin Report Executive Summary

Black Creek Watershed Coalition July 2003

The State of the Basin Report is an environmental inventory of the natural and human resources of the Black Creek Watershed. The report characterizes the watershed with respect to its physical features and cultural characteristics, identifies valuable resources within the watershed, analyzes current water quality and quantity conditions and identifies critical issues facing the watershed in the future.

The Black Creek Watershed municipalities have organized as the Black Creek Watershed Coalition (BCWC) to work cooperatively on water quality and quantity issues in the Black Creek Watershed. An Intermunicipal Agreement between Monroe, Genesee, and Orleans Counties is the beginning of a collaborative process that includes Village, Town, County, State and Federal participation.

A web site was created to disseminate BCWC information to its members and to the public. The address is www.blackcreekwatershed.org. The complete *Black Creek Watershed State of the Basin Report* is available at the web site. The BCWC plans to continue its activities in areas of governmental policy initiatives, technical investigations, and public outreach and education.

The State of the Basin inventory was prepared using a Geographic Information System (GIS) as a central component of the project. The GIS provides interested persons a detailed view of acquired data, the ability to conduct additional analysis of watershed characteristics and the ability to update the database in the future.

This report includes a geographical description of the watershed, uses of land and water from the 1970's to the present and water quality and water quantity summaries from available data. A map set accompanies the report to graphically illustrate spatial trends across the Black Creek Watershed.

A summary of problems and risks that can affect the future of the Black Creek Watershed is presented for public consideration. Water quality risks include point sources discharges, agricultural sources of pollution and nonpoint sources from developed areas. Water quantity risks are associated with flooding and low flow conditions; it is recognized that water quantity issues may have relevance to water quality issues. The BCWC intends to develop and implement an integrated Watershed Management Plan to minimize water quality impacts and water quantity problems in the Black Creek Watershed to the most practical extent possible.