

Introduction

Onondaga Creek Fact Sheets

The **State of Onondaga Creek Fact Sheets** were produced by Onondaga Environmental Institute as a work product of the Onondaga Creek Conceptual Revitalization Plan Project (OCRCP).

Visit www.esf.edu/onondagacreek for more information.



The **Onondaga Lake Partnership** (OLP) sponsors the Onondaga Creek Conceptual Revitalization Plan Project with federal funds from Congressman James T. Walsh granted through the U.S. Environmental Protection Agency.

Visit www.onlakepartners.org for more information about OLP.

These Fact Sheets are a compilation of publicly available data and research conducted by a number of governmental agencies, academic institutions, and research organizations. Information sources are footnoted and/or listed on the last page of each fact sheet under references. Fact Sheet content does not necessarily reflect the views of each or any Onondaga Lake Partnership member.

The Onondaga Creek Fact Sheets describe the current state of Onondaga Creek, based on a literature search conducted by staff scientists at Onondaga Environmental Institute. The Fact Sheets were used by the Onondaga Creek Working Group as an interactive planning tool in the development of the revitalization plan for Onondaga Creek. The goal of the OCRCP project was to develop a community-based revitalization plan for the Onondaga Creek watershed, providing a guide for future development, water quality, and habitat improvements that can enhance environmental, social, and economic conditions along Onondaga Creek.

TABLE OF CONTENTS

Each Fact Sheet is a stand-alone document. This table of contents lists the order and the number of pages in each Fact Sheet to aid navigation through the complete set.

Fact Sheet Title

of Pages

• Geography	8
• Hydrology	10
• Water Quality Series	
◦ Water Quality Introduction	4
◦ Temperature	1
◦ Dissolved Oxygen	2
◦ Salinity	2
◦ Alkalinity & pH	2
◦ Turbidity & Suspended Solids	2
◦ Nitrogen	3
◦ Phosphorus	2
◦ Pathogens	4
◦ Compliance with water quality standards	3
◦ Summary of Water Quality	4
◦ References for Water Quality	2
• Access	10
• Land Use and Land Cover	6
• Flood Control	6
• Fish	10
• Aquatic Habitat	10
• Tully Valley Mudboils	4
• Landslides	5



Onondaga
Environmental
Institute

Contributing Authors | Tyler Andre, Clark Burdick, Joan Cope Savage, Daniel Gefell, Donald Hughes, PhD, Meredith Perreault, Onondaga Environmental Institute.

Graphic Design | Ashley Owen, Julia Renn, Lindsay Speer, Onondaga Environmental Institute.

Editor | Edward M. Michalenko, PhD, Onondaga Environmental Institute.

ACKNOWLEDGEMENTS

Onondaga Environmental Institute thanks the following for their time and support:

Onondaga Creek Working Group

OCRIP Project Team

U.S. Environmental Protection Agency Region 2, Christopher Dere and Seth Ausubel

Onondaga Environmental Institute thanks the following for their expertise:

City of Syracuse, Vincent Esposito;

National Weather Service, Binghamton Weather Forecast Office Staff;

New York State Department of Environmental Conservation (NYSDEC), David Lemmon;

Onondaga County Department of Water Environment Protection, Susan Miller and the Ambient Monitoring Program Staff;

State University of New York College of Environmental Sciences and Forestry (SUNY ESF), Catherine Landis, Donald Leopold, PhD, Karin Limburg, PhD, Neil Ringler, PhD, Theodore Endreny, PhD, Virginia Collins;

Thane Joyal, Esq;

University of Maine, Stephen M. Coghlan, Jr, PhD;

Upstate Freshwater Institute Staff;

U.S. Geological Survey (USGS), William F. Coon and William M. Kappel.

Onondaga Environmental Institute acknowledges the library collections maintained at Syracuse University (Geology Library and Science and Technology Library), SUNY-ESF (Moon Library), Onondaga County Public Library, and the Onondaga Historical Association. Many references cited in the Onondaga Creek Fact Sheets are available through these libraries.



Onondaga Environmental Institute

102 West Division Street, 3rd Floor
Syracuse, NY 13210

Phone: (315) 472-2150

Fax: (315) 474-0537

Email: outreach@oei2.org

© 2008 Onondaga Environmental Institute
Printed on 30% post-consumer recycled paper