

APPENDIX A

SACO RIVER WATERSHED

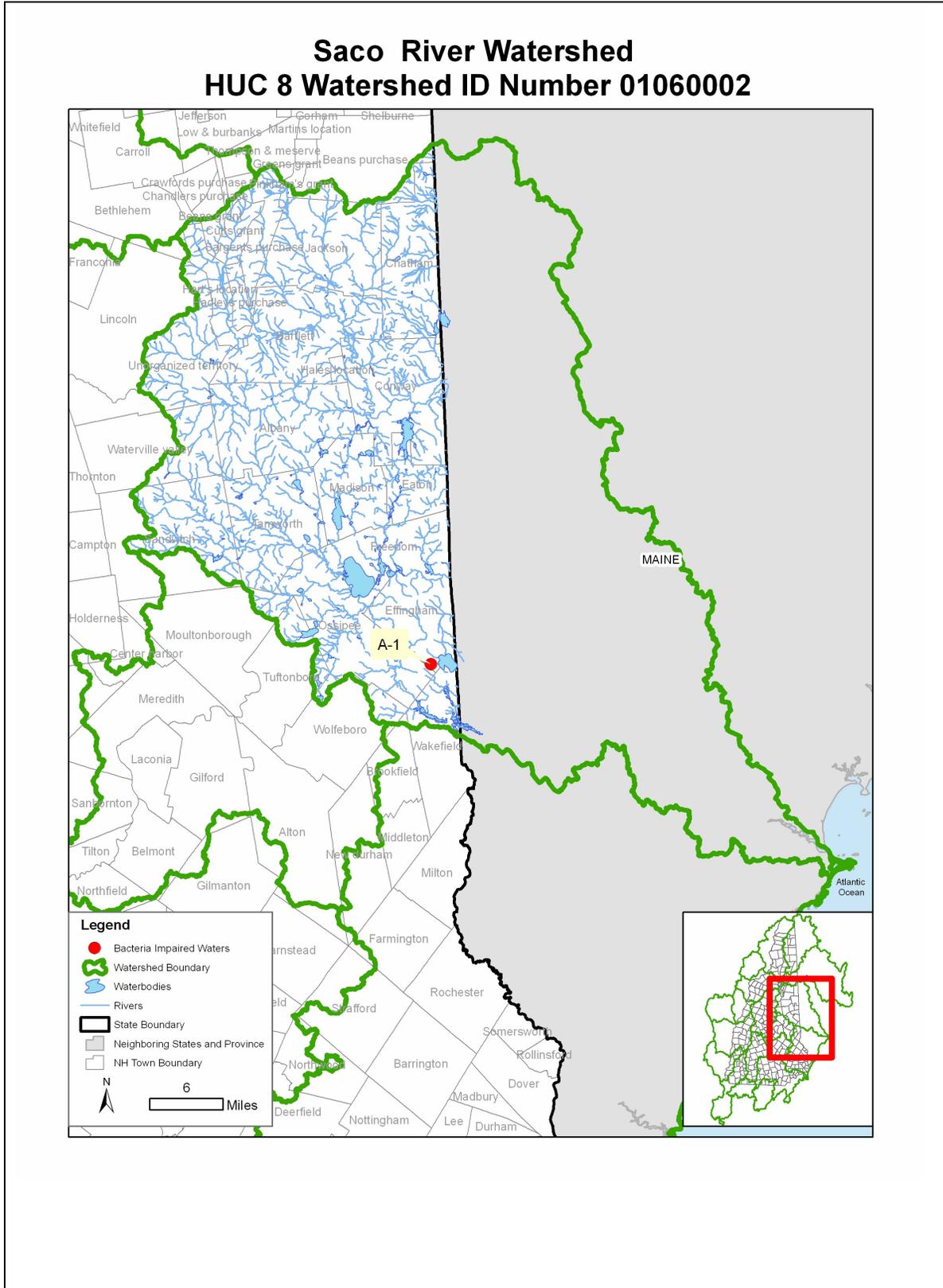
(HUC8: 01060002)

I. WATERSHED DESCRIPTION AND MAPS

The Saco River Watershed covers an area of approximately 1,071 square miles situated on the Maine-New Hampshire border in the eastern middle of the state. There are 28 towns located at least partially within the watershed. As shown in Figure 1, the primary watercourse in the region is the Saco River which flows south from its headwaters at Saco Lake in Bethlehem, NH exiting the watershed in Conway, NH on the western border. The entire western border of the watershed is comprised of mountain ranges which are, from north to south: the Presidential Mountains, the Sandwich Range, and the Ossipee Mountains. The Green Hills are located along the Maine border. There are three lakes of notable size which are Ossipee, Silver, and Conway Lakes all located in the southeastern portion of the watershed. The Saco River does not flow through any of the three lakes.

Based on the 2012 303(d) list, one assessment unit (AU) in this watershed is listed as being impaired for bacteria. The location of the bacteria impaired surface water AU is shown on Figure 1 as a red circle. Item A1 presents the percent reduction needed to meet each water quality criterion (and TMDL), based on the highest recorded bacteria measurement that exceeds the criterion for the AU, as well as the bacteria data collected in the impaired AUID that was used to list the AU as impaired on the 2012 303(d) list.

FIGURE 1:



II. WATER QUALITY DATA TABLES

TABLE OF CONTENTS

A1: Unnamed Brook – Campground Inlet to Province Lake.....	4
--	---

A1: Unnamed Brook – Campground Inlet to Province Lake

AUID NHRIV600020902-07

Characteristics: freshwater, class B designation, primary contact recreation.

Impairment: *E coli*

Water Quality Criteria & TMDL for *E coli*

Single sample: 406 CTS/100MI

Geometric mean: 126 CTS/100mL

Percent reduction to meet TMDL:

Single sample: 62%

Geometric mean: in compliance

Data: NHDES EMD, 2012 303(d)

Single sample *E coli* results (CTS/100ML)

Station Name	Station ID	Date	Result
UNNAMED BROOK - CAMPGROUND INLET TO PROVINCE LAKE	PROEFFC	6/16/11	1060
UNNAMED BROOK - CAMPGROUND INLET TO PROVINCE LAKE	PROEFFC	7/8/11	5
UNNAMED BROOK - CAMPGROUND INLET TO PROVINCE LAKE	PROEFFLC	8/26/10	750
UNNAMED BROOK - CAMPGROUND INLET TO PROVINCE LAKE	PROEFFLC	6/16/11	360
UNNAMED BROOK - CAMPGROUND INLET TO PROVINCE LAKE	PROEFFLC	7/8/11	80
UNNAMED BROOK - CAMPGROUND INLET TO PROVINCE LAKE	PROEFFLC	8/31/11	60
UNNAMED BROOK - CAMPGROUND INLET TO PROVINCE LAKE	PROEFFUC	7/8/11	10

Shaded cells indicate exceedance of water quality criteria

Geometric mean *E. coli* results (CTS/100ML)

Station Name	Date	Result
UNNAMED BROOK - CAMPGROUND INLET TO PROVINCE LAKE	7/8/11	68.66
UNNAMED BROOK - CAMPGROUND INLET TO PROVINCE LAKE	8/31/11	22.13