

PR Number: R2121120005

Award Number: P12AC10403

Project Number: USUCP-64

Park/NPS Unit: Southern Colorado Plateau Inventory and Monitoring Network

Title of Project: Identification and Enumeration of Aquatic Macroinvertebrate Samples to Support Long-Term Monitoring of Aquatic Macroinvertebrate Communities in National Park Service Units of the Southern Colorado Plateau Network

Administered through the: Colorado Plateau Cooperative Ecosystem Studies Unit Cooperative Agreement Number H1200-09-0005

CESU Partner: Utah State University

Project Contacts

Principal Investigator: Scott W. Miller, Ph.D, Director BLM/USU National Aquatic Monitoring Center, Department of Watershed Sciences Utah State University, 5210 Old Main Hill, Logan, UT 84322-5210, Tel:435-797-2612, Fax: 435-797-1871, Email: scott.miller@usu.edu

Partner Administrative Contact: Victoria Backerman, Sponsored Programs Administrator, Sponsored Programs Office Utah State University, 1415 Old Main Hill, Logan, UT, 84322-1415, Tel: 435-797-1272, Fax: 435-797-3543, Email: victoria.backerman@usu.edu

NPS Certified ATR: Lisa Thomas, Program Manager, NPS-SCPN, P.O. Box 5765 Northern Arizona University Flagstaff, AZ , 86011, Tel:928-523-9280, Fax: 928-523-2014, Email: Lisa_Thomas@nps.gov

NPS Technical Expert (if appropriate): Stephen Monroe, Project Manager, NPS-SCPN, P.O. Box 5765 Northern Arizona University Flagstaff, AZ , 86011, Tel:928-523-7458, Fax: 928-523-2014, Email: Stephen_Monroe@nps.gov

Funding Information:

Amount Funded: \$11,291

NPS Account Numbers (amounts in parentheses): 2121-2002-NII

Fund Source (e.g., ONPS, FLREA, CRPP, CESU, etc.): IM

NPS Funding

Is this funded using a reimbursable account number? If yes, IMR contracting needs a copy of the Interagency Agreement.

Project Dates:

Start Date: September 30, 2012

Any Other Product Milestone Dates you need to include: Data received June 2013

End Date: December 31, 2014

PROJECT ABSTRACT:

National Park Service (NPS) units of the Southern Colorado Plateau Inventory and Monitoring Networks (SCPN) have identified a need for long-term monitoring of aquatic macroinvertebrate assemblages as indicators of the overall condition of stream ecosystems. SCPN staff and USGS cooperators developed a draft monitoring protocol through previous efforts (Brasher et al 2011).

SCPN staff plans to collect aquatic macroinvertebrate samples in seven streams during the Fall of 2012 and two streams during the Spring of 2013, according to methods detailed in the monitoring protocol. The overall purpose of the project described herein is for SCPN and the BLM/USU National Aquatic Monitoring Center, Logan, UT (BugLab) to collaborate to identify and enumerate aquatic macroinvertebrate samples collected as part of this long-term monitoring effort