



United States Department of the Interior

U. S. GEOLOGICAL SURVEY
New York Water Science Center

IN REPLY REFER TO:

TO: All interested parties

FROM: Noel Deyette, USGS, New York Water Science Center

DATE: September 12, 2022

Re: Opportunity for weekly operation of NADP site VT01, Bennington, VT

The U.S. Geological Survey is offering an opportunity for weekly operation of a National Atmospheric Deposition Program (NADP) site located near Bennington, VT, and known by NADP Site ID “VT01”. The position involves visiting the VT01 site every Tuesday morning to collect the weekly composite sample of precipitation obtained by a mechanical collector and ensuring that the automated precipitation gage is operating properly. The site operator deploys a clean, bag-lined bucket on the collector, and then returns to their home/shop/lab to process the sample. The sample is weighed to determine the amount of precipitation collected, and then it is poured into a sample bottle. The operator fills out a Field Observer Report Form (FORF) to document the sample. Then, the sample is shipped with this FORF to the University of Wisconsin, Madison for analysis. The precipitation depth data are transmitted automatically from the site to the internet by cellular modem. In rare instances, the operator may be asked to manually download the gage data using an Android device (supplied by USGS). Manually downloaded data are then emailed into the NADP Program Office (Madison, WI). Occasional maintenance and adjustment of the instruments is also part of the operator’s responsibilities. Complete instruction and technical support are supplied by NADP and USGS.

The whole process takes less than an hour each week every Tuesday, not including driving time to the site. Even if it does not rain or snow, the bucket needs to be changed out and the data downloaded every Tuesday. Therefore, a backup operator is required to cover for life events and vacations. The operator may identify a backup operator.

A temporary USGS observer agreement will be issued to the landowner/observer until a formal contract can be issued. Compensation amount will be negotiated between the USGS and the site operator.

Contact:

All parties in original receipt of this memorandum and who are interested in operating the VT01 site are encouraged to contact Noel Deyette at 518-285-5642 or by email at ndeyette@usgs.gov before September 30, 2022.