National Atmospheric Deposition Program

Program Office
Wisconsin State Laboratory of Hygiene
465 Henry Mall • Madison, WI 53706
http://nadp.slh.wisc.edu

NADP Shared Services and Responsibilities

NADP Program Office Commitment

The National Atmospheric Deposition Program (NADP) is a cooperative research program which measures, assesses and reports on the exposure of natural and cultural resources to atmospheric chemical deposition throughout North America. Support for this cooperative research program comes from federal, state, and local government agencies; Native American organizations; State Agricultural Experiment Stations (SAES); universities; and non-governmental organizations. Data from NADP is used to facilitate cleaner water, healthier air quality, more productive fisheries, smarter environmental planning, improved air quality forecasting, stronger roads and buildings and responsible environmental stewardship. The Program Office, located at the Wisconsin State Laboratory of Hygiene at the University of Wisconsin-Madison, coordinates the five NADP networks:

1. **National Trends Network (NTN).** The NTN provides data on the amounts, trends, and geographic distributions of the deposition of acids, nutrients, and base cations in precipitation. NTN sites collect weekly precipitation samples that are sent to the NADP Analytical Laboratory (NAL) for measurement of acidity (as pH), solution conductivity, sulfate, chloride, nitrate, orthophosphate, ammonium, calcium, magnesium, sodium and potassium.
    a) **PFAS-NTN Subnetwork, (PFN).** The PFN is tentatively approved as a new NTN sub-network (starting 4/1/2026), which provides weekly concentrations and deposition fluxes of more than 35 per- and polyfluorinated compounds within the NTN precipitation sample. These data are used to track the transport and transformation pathways and fate of these compounds, which can lead to contamination of surface and drinking water sources, soil and vegetation.
2. **Mercury Deposition Network (MDN).** The MDN provides data on the amounts, trends, and geographic distributions of the deposition of mercury by precipitation. MDN sites collect weekly samples. MDN samples are sent to the NADP Analytical Laboratory (NAL) for measurement of total mercury.
3. **Atmospheric Mercury Network (AMNet).** The AMNet provides data on the concentrations of gaseous elemental mercury and can also include mercury speciation sampling in air samples collected at sites. Measurements are used to develop estimates for total and dry mercury deposition.
4. **Ammonia Monitoring Network (AMoN).** The AMoN provides data to evaluate long-term trends in ambient ammonia concentrations and deposition, and aids in understanding of nitrogen inputs to the environment.
5. **Mercury Litterfall Network (MLN).** The MLN provides data on the amounts and geographic distributions of mercury deposition through biomass movement to the Earth's surface. The MLN sites collect monthly/seasonal samples. MLN samples are sent to the NADP Analytical Laboratory (NAL) for measurement of total and methyl mercury.

6. **Passive Mercury Pilot Network.** The pilot network for passive gaseous mercury provides quarterly average Gaseous Elemental Mercury (GEM) data using a passive sampler, which can be easily deployed across the U.S. and internationally. Measurements are used to estimate dry deposition. The pilot network has been extended for an additional year through 2026, incorporating several sampler changes to improve overall program performance.

The NADP Program Office will provide the coordination, provision of chemical analysis and data validation, site operator support and training, limited equipment repair, quality assurance, and management of NADP database and website (http://nadp.slh.wisc.edu). This website provides access to weekly and daily precipitation chemistry data; monthly, seasonal and annual precipitation-weighted mean concentrations; annual and seasonal wet deposition amounts; daily precipitation amounts; color maps of precipitation concentrations and wet deposition amounts; atmospheric mercury concentrations; descriptive site information; annual reports and brochures; and operations manuals and quality assurance information. The Program Office will also produce special reports, outreach, and planning and implementation of bi-annual business meetings and an annual scientific symposium.

NADP Subscriber Commitment

Partnerships are created with the NADP Program Office to establish site(s) with one or more networks as listed above. To ensure the highest data quality for your site and the NADP network, the subscriber provide a sample site that meets NADP siting requirements, conduct weekly site visits, equipment maintenance, ensure site operators are properly trained, follow the NADP and network manuals and standard operating procedures (http://nadp.slh.wisc.edu/siteOps/), collect and submit the samples and data in a timely manner, and communicate with the PO timely reports of equipment malfunctions and problems and with monthly review of preliminary data.

Quotes/Invoicing/Payments

The Wisconsin State Laboratory of Hygiene – Accounts Receivable department will provide quotes representing an annual dollar amount for each site and network. Quotes can be designed to meet the fiscal budgeting and business process needs of your organization. Invoices will be created on a defined schedule as it pertains to your business process in a quarterly, semi-annual, or annual basis. All invoices will be emailed to the fiscal contact identified on the billing account. Accepted payment methods are: ACH/EFT, credit card, and check. This information is listed on the invoice. You can contact WSLH-Accounts Receivable by emailing NADPbill@slh.wisc.edu.

Fees are based on an annual period of 12 months (see next page). The fee schedule is reviewed annually between WSLH NADP Program Office and the NADP Budget Committee. Notifications of price increases and the effective date will be sent to all subscribers at that time.

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Annual Network Operating Costs*

	National Trends Network (NTN)		Mercury Deposition Network (MDN)		Ammonia Monitoring Network (AMoN)		Atmospheric Mercury Network (AMNet)	Mercury Litterfall Network (MLN)	Passive Mercury Pilot Network
	Basic Sampling	PFAS Sub-Network (PFN)†	Total Mercury (TM)		Basic Sampling		Basic Sampling	Basic Sampling	Basic Sampling
					Single	Triplicate			
Frequency	Weekly	Weekly	Weekly	#Bi-weekly	Bi-weekly		Hourly	Season	Quarterly
Program Office	$1,103	$1,700	$2,545	$2,545	$551	$551	$4,417	-	
Analytical charge	$4,712	$20,800	$7,727	$3,864	$2,188	$3,273	-	$2,207	$3200
NED Fee	$202	-	$202	$202	-	-	-	-	
TOTAL	**$6017**	**$22,500**	**$10,474**	**$6,611**	**$2,739**	**$3,824**	**$4,417**	**$2,207**	**$3200**
Return shipping	Not included	N/A	Not included		Included		N/A	Not Included	Included
Notes:	Return shipping of 1L bottle and supplies to Madison, WI Will vary based on location. NED Fee = $3.88/week for equipment repair services	† Requires an operating NTN site for sample collection	Return shipping of boxed cooler and samples/supplies to Madison, WI will vary based on location. NED Fee = $3.88 per week for equipment repair services #Bi-weekly available for calendar year only (Jan-Dec). Notify PO by September 30th for participation.		Continental U.S. 2-way shipping is included. Out of country one-way shipping may require additional charges. First year of sampling requires a $100 sampler housing charge.		GEM Only sites measure gaseous elemental mercury. (Includes site visit, QA of data, and pending deposition calculations)	Return shipping of samples and supplies to Madison, WI USA will vary based on location.	Continental U.S. 2-way shipping is included.

03/2026

*Prices effective 07/01/2026

NADP Approved Equipment				
	Price*	**NTN**	**MDN**	**Supplier**
Precipitation Gage (2 options)				
ETI NOAH IV	$7,000	X	X	ETI Instrument Systems, Inc. 40504 Weld County Rd 17 Severence, CO 80524 Tel. 970-484-9393 Email: info@etisensors.com
or				
Ott Pluvio² L (400 cm^2)or S	$6866/$6328	X	X	Hach Environmental (OTT Hydromet) 5600 Lindbergh Drive Loveland, CO 80539 Tel. 800-949-3766 Email: sales@otthydromet.com
Ott requires additional data system	~$2,000	X	X	Manufactured at the NADP PO
Precipitation Collector				
NCON Bucket Style Precipitation Collector (00-120-2N)	$6,085	X		NCON Systems 130 Old Edwards Road Arnoldsville, GA 30619 Tel. 800-932-6266 Email: info@n-con.com
NCON Single Chimney Precipitation Collector (00-125-110) or NCON Dual Chimney Precipitation Collector (00-127-110)	$7,300 $8,100		X X	
Possible Additional Equipment				
Android device for data transfer		X	X	Contact PO for requirements Tel. 800-952-7353 Email: nadp@slh.wisc.edu
SC115 Data transfer key	$278	X	X	
Alter Windshield (required at snowy sites, see map)	$770	Possible		
Balance for sample weighing	$600	X		

* Contact the vendor for most up to date equipment costs


ETI Rain Gage


Hach Pluvio² Gage


NCON Bucket Style Collector


NCON Chimney Style Collector