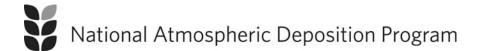
Wisconsin State Laboratory of Hygiene NADP Program Office Revision Date: 1/9/2019

# **NADP Site Information Worksheet**



Wisconsin State Laboratory of Hygiene NADP Program Office Revision Date: 1/9/2019

For information about the National Atmospheric Deposition Program (NADP) contact:

NADP Program Office Wisconsin State Laboratory of Hygiene 465 Henry Mall Madison, Wisconsin 53706

URL: http://nadp.slh.wisc.edu e-mail: nadp@slh.wisc.edu phone: 608-263-9162

## **Document Change History**

Version	Description	<b>Effective Date</b>
3.0	Updated contact information to Wisconsin State Laboratory of Hygiene.	08/2018
1.5	Addition of AMNet and AMoN, 2 new NADP networks	05/2011
1.0	Initial document	09/2009

The original document was published when the NADP Program Office was at the University of Illinois at Urbana-Champaign.

#### Introduction

New sites that wish to join a National Atmospheric Deposition Program (NADP) network must complete this form, the Site Information Worksheet (SIW). The completed SIW, site sketch, and site photos should be submitted to the address listed below. Alternatively, documentation may be submitted via email at nadp@slh.wisc.edu.

NADP Program Office Wisconsin State Laboratory of Hygiene 465 Henry Mall Madison, Wisconsin 53706

Sites that are proposing to move more than 30m from their original, approved location must submit a new SIW, site sketch, and site photos as well.

Questions regarding the SIW should be directed to the NADP Site Liaison. They may be contacted at 800-952-7353, or via email at nadp@slh.wisc.edu.

Attach additional pages as needed.

NADP-2011_Site_Information_Worksheet		
Version 3.0		
Check one, this SIW is for a:	New Site	Site Relocation

# **Site Identification**

Parameter	Value
Site Name	
Site ID*	
County	
State	
Latitude of the collector/sampler	
(e.g., 40.0528 degrees N,	
40 degrees 3.168 minutes N, or	
40 degrees 3 minutes 10 seconds N)	
Longitude of the collector/sampler	
(e.g., 88.3719 degrees W,	
88 degrees 22.314 minutes W, or	
88 degrees 22 minutes 19 seconds W)	
Altitude of the collector/sampler (meters)	
Sponsoring Agency	
Operating Agency	
Site Owner	

<sup>\*</sup> Value assigned by the NADP Program Office.

# **Site Personnel**

Parameter	Site Operator	Backup Operator	Site Supervisor
name			
phone number			
fax number			
E-mail address			
mailing address			
shipping address (for NADP site supplies)			

#### **Site Logistics**

How will the site be secured against vandalism?

How will the site be accessed in summer (e.g., auto/truck, ATC, foot)?

How will the site be accessed in winter (e.g., auto/truck, ATC, foot)?

#### **Site Instrumentation**

Parameter	Description
power* (e.g., AC, Solar, Battery)	
collector/sampler, manufacturer and model number	
precipitation gage, manufacturer and model number	
wind shield type (e.g., none, Alter, DFIR, Nipher)	
backup precipitation gage, if available**	
collector/sampler/inlet, distance from ground	
wind direction, manufacturer and model	
number	
wind speed, manufacturer and model number	
temperature, manufacturer and model number	
relative humidity, manufacturer and model	
number	
barometric pressure, manufacturer and model	
number	
solar radiation, manufacturer and model	
number	
leaf wetness, manufacturer and model number	

<sup>\*</sup> If AC powered, include the voltage and service amperage. If solar powered, include the output wattage and angle of the panel. If battery powered, include the type (e.g., lead-acid, gel cell) and capacity of the battery.

<sup>\*\*</sup> Include the type (e.g., stickgage, tipping bucket, Belfort gage) and network associated with the backup precipitation gage.

## **Other Monitoring Networks**

Indicate whether any of the following networks are located within 500m of the proposed site.

Aerosol and Gas Measurements				
Network	Distance from Proposed Site (m)	Direction from Proposed Site (degrees)		
AIRMoN – Dry				
CASTNET				
IMPROVE				
LTER				
NDAMN				
SURFRAD				
USDA UVB				
Other				
Other				
Other				

Meteorological Measurements					
Network	Distance from Proposed Site (m)	Direction from Proposed Site (degrees)			
CRN (Climate Reference Network)					
NWS Coop Station					
State Climate Network					
CASTNET					
Other					
Other					
Other					

## **Site Description**

Ground Cover within 30m of collector/sampler				
Type Percent Coverage Notes				
Exposed dirt				
Rock				
Mown grass				
Dense vegetation				
Trees				
Water				
Other				

Land use within 500m of collector/sampler					
Type	Percent Coverage	Notes			
Pasture					
Cultivated fields					
Desert					
Forest					
Open water					
Residential development					
Commercial development					
Other					

Do animals graze near the site? If yes, describe (i.e., type of animal, approximate number, portion of year, proximity to the site).

Is there any treated lumber within 5m of the collector/sampler? If yes, describe (i.e., amount, and location relative to the instrument).

Is there any galvanized metal within 5m of the collector/sampler? If yes, describe (i.e., amount, and location relative to the instrument).

Are there any overhead wires or tower guy wires within 5m (laterally) of the collector/sampler? If yes, describe.

Assume magnetic north is zero degrees, rotate clockwise from the proposed location of the collector/sampler when completing the tables below.

Transportation Related Sources*, 0 - 100m from the collector/sampler					
Description	Surface Material (e.g., asphalt, concrete, dirt, gravel, sand, mix)	vehicle Summer		Distance from Proposed Site (m)	Direction from Proposed Site (degrees)
e.g., parking lot	gravel	10	10	40	120
e.g., airport taxiway	tarmac	20	20	100	10
N. TD	<u> </u>	1 1		1 1 1 .	

<sup>\*</sup> Transportation related sources include: maintenance yards, parking lots, private access roads, streets, highways, waterways, marinas, and airports.

Storage Areas*, 30 – 100 m from the collector/sampler				
Object	Amount	Distance from Proposed Site (m)	Direction from Proposed Site (degrees)	
e.g., fuel for tractors	500 gallons	30	150	

<sup>\*</sup> Storage areas for road salt, agricultural chemicals, fuels, waste, etc.

Large Emission Sources*, 100m – 20km from the collector				
Description	Size (e.g., MW, kg/yr, number)	Distance from Proposed Site (km)	Direction from Proposed Site (degrees)	
e.g., electric utility	30 MW	5	330	
e.g., poultry farm	20,000 chickens	0.75	110	

<sup>\*</sup> Large emission sources include: feedlots, stationary combustion sources, mining operations, incinerators, abattoirs, and chemical manufacturers.

Complete the table on the following page for each instrument (e.g., collector, raingage, sampler, passive sampler) in the proposed network. The table appears twice on the page in case the proposed network includes two instruments. Remember to identify the instrument at the top of the table.

Objects include other monitoring equipment, bushes, trees, fences posts, fences, towers, instrument shelters, sheds, buildings, etc that are greater than 1m tall (as measured from the base of the collector/sampler) and greater than 5cm in projected dimension (e.g., width, depth).

### **Instrument 1**

Objects, 0 – 30 m from the				
	Object Dimensions		Distance from	Direction from
Object	Height (m)	Width or	<b>Proposed Site</b>	Proposed Site
		Depth (m)	(m)	(degrees)
e.g., wood fence post	1.2	0.2	4.9	90
e.g., tree	2.3	2.8	8	130

#### **Instrument 2**

Objects, 0 – 30 m from the				
	Object Dimensions		Distance from	Direction from
Object	Height (m)	Width or	<b>Proposed Site</b>	<b>Proposed Site</b>
		Depth (m)	(m)	(degrees)
e.g., wood fence post	1.2	0.2	4.9	90
e.g., tree	2.3	2.8	8	130

### **Laboratory Facilities**

Parameter	Applicable Network(s)	Value
lab space (e.g., none, good, fair, poor)	All	
distance between lab and site (km)	All	
balance, manufacturer	AIRMoN, NTN	
balance, model number	AIRMoN, NTN	
type of low conductivity water (e.g., de-ionized, distilled, milli-Q, bottled)	All	
pH meter, manufacturer	AIRMoN	
pH meter, model number	AIRMoN	
pH probe, manufacturer	AIRMoN	
pH probe, model number	AIRMoN	
conductivity meter, manufacturer	AIRMoN	
conductivity meter, model number	AIRMoN	
conductivity cell, manufacturer	AIRMoN	
conductivity cell, model number	AIRMoN	
Tekran 2537, serial number	AMNet	
Tekran 1130, serial number	AMNet	_
Tekran 1135, serial number	AMNet	
Tekran 1102A, serial number	AMNet	_

#### **Worksheet Documentation**

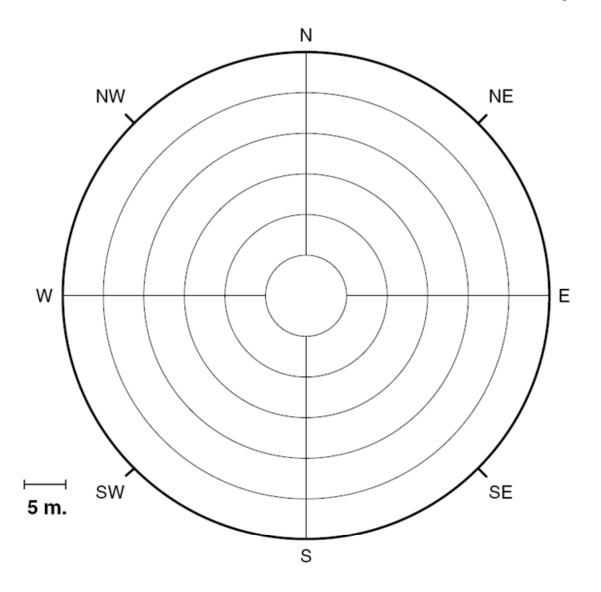
Parameter	Value
name of person who completed SIW	
title	
phone number	
fax number	
E-mail address	
mailing address	
date prepared	

#### Remember to include the following documentation when submitting the completed Worksheet:

Site sketch (using the template provided)

Photos of the proposed location in 8 directions (N, NE, E, SE, S, SW, W, and NW)

# **NADP 30m Site Sketch Template**



<b>₹</b>	NADP Collector
0	NADP Raingage
₽	Raingage Shield
П	Buildings
AQ	Air Quality Shelter
	Fence
0	Non-NADP
	Instrument
	Platform
8	Post
9	Power Line
	Solar Panel
Ø	Stick Gage
Δ	Tower

# **GROUND COVER**

	Trees
*	Shrubs
	Dense Vegetation
	Mown Grass
	Bare Ground
	Sparse Vegetation
	Rock
	Water
*	Shrub In Violation
×	Tree In Violation

Site Name: Date: