Nitrogen Smart Communities
Step 3 Worksheet

Complete the following information and submit to rtitus@lirpc.org. Include **"[Municipality Name] NSC Step 3 Submission"** in the email subject line.

Refer to NSC Program Guide Step 3 for more information on Actions 3.1-3.5.

Municipality Name:

Note: DEC and LIRPC will provide participating municipalities with the breakdown of nitrogen sources for each watershed serving the municipality following completion of Step 2.

Action 3.1 Wastewater Source Analysis

Fill out the following questions and tables to complete Action 3.1 This information will be specific to each individual municipality based on the source inventory.

Table 3.1a: Wastewater Treatment Facilities (Sewers)

Please skip this table if there are no wastewater treatment facilities in the municipality.

Complete the table below for each wastewater treatment facility serving your municipality.

Number of wastewater treatment facilities serving the municipality:

Total number of parcels connected to a sewer system (this information will be provided by DEC and LIRPC):

Wastewater Treatment Facility System Overview
Name:
Owner:
Address:
SPDES ID:
Receiving Waterbody:
Total Permitted Flow (Capacity):

Average Flow (Yearly):
Average Nitrogen in Effluent (Yearly):
Additional Treatment Information (optional):
Summary of Facility Compliance (i.e., permits requirements met/violations):

Table 3.1b: On-Site Wastewater Treatment Systems (Septic)

Please skip this table if there are no on-site wastewater treatment systems serving the municipality.

Complete the table below detailing septic systems serving your municipality.

On-site (Septic) System Overview
Number of Septic Systems/Cesspools: **(To be provided by DEC and LIRPC)**
Number of I/A OWTS Installed:**
Number of I/A OWTS Applications:**
Additional Septic Information (Optional):

**If unable to differentiate between septic systems and cesspools, record all as septic systems.*
***This information will need to be gathered from the respective county program.*
I/A OWTS – innovative/alternative on-site wastewater treatment systems

Table 3.1c: Decentralized Cluster Systems

Please skip this table if there are no decentralized cluster systems in the municipality.

Complete the table below detailing cluster systems serving your municipality.

Decentralized Cluster Systems Overview
Number of Cluster Systems Total
Type of Technology (e.g., Appendix A vs I/A OWTS)
Additional Decentralized Cluster System information:

Table 3.1d: Pumpout Stations

Please skip this table if there are no pumpout stations in the municipality.

Complete the table below detailing pumpout stations serving the municipality.

Marine Pumpout Stations Overview
Number of Marinas in Municipality:
Number of Marina Pumpout Stations Serving Municipality:
List Marinas with Existing Pumpout Stations and any additional information:

Attach a GIS map with the Step 3 Worksheet that includes both the sewered (parcels connected to wastewater treatment facilities and decentralized cluster systems), parcels on traditional septic and cesspool systems, and marine pumpout stations, within the municipality.

Action 3.2 Fertilizer Source Analysis

Fill out the following questions and tables to complete Action 3.2.

Lawn Fertilizer

Table 3.2a: Lawn Fertilizer

Complete the following table to describe the area of land that lawn grass fertilizer is applied. Lawn fertilizer will include residential, commercial, institutional, industrial, recreational, and municipal owned properties.

Lawn Fertilizer Overview
Area of Total Fertilized Land* (to be provided by DEC and LIRPC):
Area of Municipal Owned Fertilized Land*:
% Nitrogen Load for Total Area of Fertilized Land (to be provided by DEC and LIRPC):
% Nitrogen Load for Municipal Owned Land:
Additional Lawn Fertilizer Information (Optional):

**Land types that should be included are listed in the NSC Program Guide Step 3.*

Golf Course Fertilizer

Table 3.2b: Golf Course Fertilizer

Please skip this table if there are no golf courses within the municipality.

Complete the following detailing each golf course in the municipality. Please provide a separate table for each golf course.

Number of golf courses present within the municipality:

Total area of Golf courses within the municipality (this information will be provided by DEC and LIRPC):

Golf Course Overview
Name of Golf Course:
Public or Private:
Address:
Area of Golf Course:
Waterfront Course:
Golf Course BMPs:

Agricultural Fertilizer

Table 3.2c: Agricultural Fertilizer

Please skip this table if there are no farms, including vineyards, within the municipality.

Complete the following questions and table for each farm in the municipality. Please provide a separate table for each farm.

Number of farms within the municipality:

Total area of farmland in the municipality (to be provided by DEC and LIRPC):

Agriculture Overview
Name of Farm:
Total Area:
Type of Farm:
Crops and/or Livestock:
Waterfront Farms:
Agricultural BMPs:
Other:

**Specific information about the farm may be deemed private and may not be available. Please indicate if information was unavailable.*

Attach a GIS map with the Step 3 Worksheet that includes where fertilizer is potentially utilized, including lawns, golf courses, and agricultural land for the municipality.

Action 3.3 Stormwater Source Analysis

Table 3.3a: Stormwater

Fill out the following questions and table to complete Action 3.3. This information will be specific to each individual municipality based on the source inventory.

Is the municipality a registered MS4 (Municipal Separate Storm Sewer System)?

Stormwater Overview
Area of Impervious Surface:
Estimated or Modeled Volume of Stormwater Runoff*:
Additional Stormwater Information (Optional):

**This may not be available. Please fill out if a model has been developed for the municipality.*

Attach a GIS map with the Step 3 Worksheet of stormwater infrastructure and drainage areas within the municipality.

Action 3.4 Pet Source Analysis

Fill out the following question to complete Action 3.4. This information will be specific to each individual municipality based on the Source inventory.

Briefly describe the presence of pets within the municipality and if there have been any preventative measures to reduce the pollution related to pets (dog parks, dog bag stations, "Pooper Scooper" law, etc.).

Action 3.5 Atmospheric Deposition Analysis

Fill out the following question to complete action 3.5. This information will be specific to each individual municipality based on the source inventory.

Briefly describe atmospheric deposition as a potential source of nitrogen in the municipality at the local scale. The Activity List provides potential sources of nitrogen from atmospheric deposition.