



**Navajo Nation Environmental Protection Agency  
Septic and Wastewater Program**

P.O. Box 339  
Window Rock, Arizona 86515 Phone #: (928) 871-7755 Fax #: (928) 871-7818  
<http://www.navajopublicwater.org>;

**Application for Approval to Construct a Domestic Wastewater System**

**A. PROJECT NAME/NUMBER:** \_\_\_\_\_

**B. PROJECT LOCATION:** Address \_\_\_\_\_

City/Village \_\_\_\_\_ Chapter \_\_\_\_\_

Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**C. PROJECT TYPE:**

New Wastewater System

Modification to Existing Wastewater System; Name: \_\_\_\_\_ System ID# \_\_\_\_\_

Revision to a previously permitted project; NNEPA Permit # \_\_\_\_\_ Dated \_\_\_\_\_

Is justification for the proposed revision attached with the application?  Yes  No

Project under Compliance Order; Order # \_\_\_\_\_ Dated \_\_\_\_\_ Issued by \_\_\_\_\_

**D. APPLICANT:** Name: \_\_\_\_\_ Phone #: (\_\_\_\_) \_\_\_\_\_

Title: \_\_\_\_\_ Organization: \_\_\_\_\_

Address: \_\_\_\_\_ City/Village: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

**E. OWNER:** Name: \_\_\_\_\_ Phone #: (\_\_\_\_) \_\_\_\_\_

Title: \_\_\_\_\_ Organization: \_\_\_\_\_

Address: \_\_\_\_\_ City/Village: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

**F. ENTITY RESPONSIBLE FOR O&M:** Name: \_\_\_\_\_ Phone #: (\_\_\_\_) \_\_\_\_\_

Title: \_\_\_\_\_ Organization: \_\_\_\_\_

Address: \_\_\_\_\_ City/Village: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

**G. PROJECT ENGINEER:** Name: \_\_\_\_\_ Phone #: (\_\_\_\_) \_\_\_\_\_

Title: \_\_\_\_\_ Organization: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

**H. TYPE OF WASTEWATER SYSTEM:**

- Municipal Wastewater Treatment Facility
- Wastewater Lagoon System
- Onsite Wastewater Treatment System (OWTS) - septic tanks, drainfields, etc.

**I. DOCUMENTS SUBMITTED:** Please submit the following, where applicable, with the application form:

- Application fee; \$ \_\_\_\_\_
- Two (2) complete sets of detailed construction plans
- Two (2) sets of material and construction specifications
- Two (2) copies of engineering report
- One (1) copy of approved right-of-way or easement documents
- One (1) copy of the Operation and Maintenance (O&M) Agreement between the project owner and the customer to whom the ownership and O&M responsibilities are transferred after the construction of OWTS. The agreement must incorporate provisions of §406 (F) and must be accepted by the Public Water System providing service to the customer.
- One (1) copy of Operation and Maintenance Manual, if the wastewater system does not have an O&M Manual approved by NNEPA.
- Other pertinent information: \_\_\_\_\_

**J. CONSTRUCTION SCHEDULE:**

Estimated start date: \_\_\_\_\_ Estimated completion date: \_\_\_\_\_

**K. OTHER PERMITS REQUIRED FOR THE PROJECT**

List other required permits and their status for the project from NNEPA and USEPA

\_\_\_\_\_

\_\_\_\_\_

**L. CAPACITY DEMONSTRATION**

A new wastewater treatment system is required to demonstrate that the system has the financial, managerial and technical capacity to comply with the requirements of the Navajo Nation Clean Water Act and the Navajo Nation Domestic Wastewater Disposal Regulations. (Attach additional pages if the space provided is not adequate)

FINANCIAL CAPACITY		
Description	Cost Estimate	Funding Source or Arrangement
Construction	\$	
Operation	\$	
Maintenance	\$	
Closure	\$	
Note: Attach supporting documents with the application.		

MANAGERIAL CAPACITY
Discuss the management system for the project and O&M after construction. Include organizational charts.

TECHNICAL CAPACITY	
Personnel Name	Training, Certification, Work Experience

**M. CONSTRUCTION PLANS**

Construction plans must meet the requirements of §204 of the Navajo Nation Domestic Wastewater Disposal Regulations and it is the responsibility of the design engineer to ensure this has happened before putting his professional engineer stamp and signature.

Construction plan sheets (check all that apply)

- show plans and profiles of sewer mains, manholes and lift stations
- show plans and cross-sections of all components of the wastewater treatment system
- show location of building sewer and water service line
- show lot size, location of septic tank, drainfield, replacement area and all physical features including location and size of existing sewer main

**N. SPECIFICATIONS**

- Project uses standard specifications reviewed and approved by the NNEPA, skip to the next section
- Specifications are signed and stamped by the professional engineer responsible for design

- Construction specifications include installation and testing methods for sewer collection system, treatment units and equipments
- Materials specifications include details of all the materials and equipments used in the construction
- Specifications include QA/QC plans

**O. Engineering Report**

- Front cover has the seal and signature of the professional engineer responsible for design
- Includes detailed description of the project, nature of customers and future growth potential
- Includes quantity estimation and characteristics of the wastewater, design assumptions, calculations, hydraulic analyses, sizing of sewer mains and pumps
- Includes geotechnical investigation report containing soil logs, classification, ground water level, permeability or percolation test results, estimation of soil absorption rate, evaporation rates, compaction and strength test results
- Includes design details of septic tank, soil absorption system including recommended maintenance schedules
- Includes design details of wastewater lagoons and disposal system, liner information, seepage rate, dike etc.
- Includes details of treatment schemes, design of treatment units, assumptions in design and operation, quality of treated wastewater, outfall location and results of pilot tests for municipal wastewater treatment facility

**P. ENGINEER'S CERTIFICATE**

Construction plans, specifications and the engineering report including supporting design data and calculations are prepared by me or under my direct supervision and are herewith submitted and made a part of this application. I have placed my signature and seal on these documents signifying that I accept responsibility for the design of this system, and that I have submitted a complete administrative package.

Engineer's Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Registration #: \_\_\_\_\_

**Q. OWNER'S CERTIFICATE**

I hereby make application for the approval to construct the project as described above. I have read this application and agree to comply with the requirements and conditions of the Navajo Nation Clean Water Act and the Navajo Nation Domestic Wastewater Disposal Regulations and grant NNEPA permission to enter the site for sampling and inspection.

Owner's Name/Title: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

DATE RECEIVED: _____ RECEIVED BY: _____ SYSTEM ID/FILE NO: _____
FEE PAID: \$ _____