

Design Certification of On-site Treatment Works

State Pollutant Discharge Elimination System General Permit # GP-0-25-002 for Private, Commercial and Institutional Discharges to Groundwater of Treated Sanitary Sewage

ENGINEER DESIGN CERTIFICATION – PART A

(1) I am a Professional Engineer licensed to practice in New York State in good standing;
(2) I have answered the questions in Part B of this Certification honestly and accurately, and;
(3) The drawings and specifications for the design of the OWTS associated with the Notice of Intent, to which this certification is attached, comply with the requirements of GP-0-25-002, and one of the following (check one):

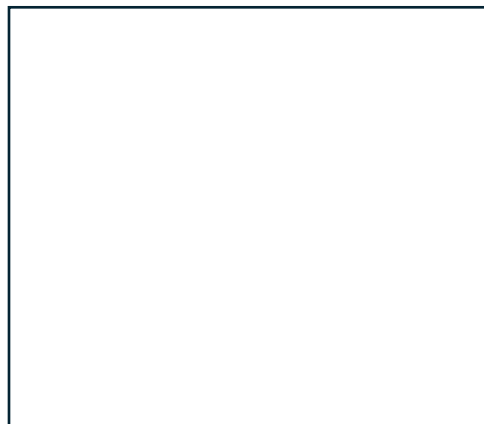
- (a) Design Standards for Intermediate-Sized Wastewater Treatment Systems (NYSDEC, 2014), or
- (b) The Design Standards for Wastewater Treatment Works in the Lake George Basin (NYSDEC, 2015) for facilities in the Lake George Basin.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

First Name (Engineer)	MI	Last Name (Engineer)
_____	—	_____
Mailing Address (Engineer)		

City	State	Zip
_____	—	_____
Phone (Engineer)		PE License #
_____		_____
Email (Engineer)		

Seal and signature



Date _____

ENGINEER DESIGN CERTIFICATION CHECKLIST – PART B

Yes No

1. Is the OWTS absorption field, including primary and 100% expansion areas, proposed to be located;

Yes No

- Within 100 ft of a waterbody or within 200 ft of a public water supply intake?
 - Downhill of and within 100 ft of a private well?
 - Uphill of and within 200 ft of a private well?
 - Within 10 feet of a property line?
 - On a slope greater than 15%?
 - Within 50 ft of culverts, ditches or catch basins?
 - Within 100 ft of stormwater drainage practices that discharge to surface waters?
2. Is the OWTS hydraulic loading rate based on Table B-3 of the 2014 NYS Design Standards for Intermediate Sized Wastewater Treatment Systems (DEC Design Standards)?
3. Is the OWTS absorption field application rate designed in accordance with Table E-1 of the DEC Design Standards?
4. Does the OWTS design utilize standard treatment technologies defined in Section E of the DEC Design Standards?
5. Is the construction or operation of the OWTS serving, or intended to serve, more than one separately owned property?
6. Does the discharge include wastes other than water-carried human or animal wastes from residences and buildings?

PROFESSIONAL ENGINEER CERTIFICATION – PART C

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Professional Engineer Signature _____