

# Advanced Design and Inspection of Onsite Systems Exam Description

For subsurface sewage treatment systems

## Introduction

The Minnesota Pollution Control Agency, in conjunction with a steering team and sounding board, has developed a Need to Know (N2K) document to identify the knowledge and skills each subsurface sewage treatment system advanced designer and inspector is expected to acquire. The N2K document is the basis for a comprehensive exam consisting of 55 questions designed to test operator knowledge and skill level.

This document is intended as a study guide for operator exams. It lists percentages that weight the importance and complexity of each skill. As the N2K is updated, the exams and this document will also be updated.

## Suggested study materials

- University of Minnesota Onsite Sewage Treatment Program manual and handouts
- Residential Onsite Wastewater Treatment Systems manual by the Consortium of Institutes for Decentralized Wastewater Treatment
- Minn. R. chs. 7080-7083

I.	Complete preliminary site evaluation as a part of a site suitability assessment	15%
II.	Complete field evaluation as a part of site suitability assessment	7%
III.	Conduct pre-design	5%
IV.	Create design report	60%
V.	Conduct new system advanced inspector activities	11%
VI.	Conduct existing system advanced inspector activities	2%
	<b>Total:</b>	<b>100%</b>

## Questions

Should you have questions or comments on the Exam Description, contact Jane Seaver, N2K coordinator, at 651-296-6300, 800-657-3864, or [jane.seaver@pca.state.mn.us](mailto:jane.seaver@pca.state.mn.us).