Groundwater quality in Dutch water management

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Abstract Good groundwater quality is essential for numerous receptors in the Netherlands, such as
drinking water supply, aquatic and terrestrial ecology, and water supply for agriculture and industry.
In the meantime, the anthropogenic use of the water system affects the groundwater quality. We are
challenged to use our water resources in a sustainable way. This paper elaborates on a number of
examples of our projects on groundwater quality for Dutch water management.

Key words water management; groundwater quality; surface water quality; age dating; purification; nitrate pollution; natural
attenuation; groundwater depending ecosystems