

# **Instructions for long term storage of sludge, Hanaskog**

**Municipality of Östra Göinge**

2012



Development of self-monitoring manuals Östra Göinge kommun  
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## Instructions for long term storage of sludge Hanaskog 2012

**Purpose:** To ensure that the store is performed in a safe and correct manner in order to obtain useful experimental data and information on the sludge hygienic quality and storage requirements without pretreatment.

**Supervisor:** Jonna Hiltunen

**Scope:** Management of sludge during the study of long-term storage in autumn 2012. The instructions are supplemented with an instruction for the transportation and receiving along with sampling, see Documentation at the end of the document.

### SLUDGE HANDLING




After dewatering of sludge, the sludge is added to storage on a sludge plate in Hanaskog. Transportation and receiving are described in a special routine, see Documentation. Sampling of different microorganisms is done during storage to control the effect of sanitation of storage. Sampling is described in the "Instruktion för provtagning av obehandlat slam vid lagringsstudie i Hanaskog hösten 2012".

#### Execution:

The sludge is stored for at least 6 months prior to use in agriculture. Sampling is done every two months until the sludge is sanitized. If the sludge, after 6 months, contains the selected microorganisms, continued sampling and storage for another two months is decided. Decisions are made with the consultation of the research-firm.

Upon delivery of the different batches subsamples are done immediately after emptying on the storage site. The delivered batches are then bulldozed together at start of the trial (when all batches have arrived) so they become one batch in the trial (see also "Instruktion för provtagning av obehandlat slam vid lagringsstudie i Hanaskog hösten 2012").

For Documentation, see below.

	 Part-financed by the European Union (European Regional Development Fund)		Self-monitoring chapter 4. Sampling and Control	Name of Document Routine for long time storage of sludge
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Compiled by Ulla Nilsson	Reviewed by		Approved by	








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**Documentation:**

This instruction is to be stored in a special binder at the Broby treatment plant along with other documents for the sludge storage study: "Instruktion för provtagning av obehandlat slam vid lagringsstudie i Hanaskog hösten 2012", "Journal - provtagning av slamparti Hanaskog 2012 " and "Instruktion för transport och mottagande av slam i lagringsstudie Hanaskog 2012".

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