



Reference sheet Certified sampling

Time of assignment

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Client

SGU

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Overview of Risk Assessments, Former Markalyckan Nursery and Former Sandvik Nursery

The two former forest nurseries, Markalyckan and Sandvik, have been investigated for pesticides on behalf of SGU. Soil sampling was carried out by a certified sampler using certified sampling methods.



Before sampling, a sampling plan was developed where the investigation area was divided into different sampling units. Within each unit, historically similar usage areas and contamination issues were expected. Samples were taken through hand-dug test pits to a depth of approximately 0.1 m below plough depth, which was generally identified at about 0.3 m below ground level. Samples taken from the test pits were combined by the laboratory into a composite sample per sampling unit and sampling round and prepared according to ISM/SSP sample preparation before analysis was performed. From two of the composite samples, the laboratory took three analysis samples after preparation. The investigation also included field duplicates, reference samples, cleaning blanks, field blanks, and grain size analysis. In connection with soil sampling, soil type assessment was carried out in accordance with SGF's designation system. As a complement to the previously conducted MIFO phase 1, a site visit was also conducted where the current property owners were interviewed. The investigation and results were compiled and evaluated in a report with recommendations and updated risk classification. Measured levels were compared against existing guideline values.