P-05-40

Oskarshamn site investigation

Characterisation of running waters, including vegetation, substrate and technical encroachments

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March 2005

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ISSN 1651-4416
SKB P-05-40

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Abstract

Large amounts of data from eight catchments have been collected in this investigation, covering many different aspects of the river ecosystems. The investigated eight streams enter the Baltic Sea from the Simpevarp area. Four of them are located on islands close to the coastal shoreline. The main channels of the streams have in this investigation been divided in ten-meter sections. The collected data for each section include morphometry, water velocity, shading, bottom substrate, vegetation and technical encroachments. These data are reported in tables as well as figures. In addition, suitable localities for electro-fishing have been identified.

Sammanfattning

En mängd data från åtta avrinningsområden har insamlats i denna undersökning, vilka täcker många olika aspekter av ekosystem i och kring vattendrag. De undersökta vattendragen mynnar ut i Östersjön från Simpevarps platsundersökningsområde, av dessa är fyra belägna på kustnära öar. Huvudfåran i vattendragen har delats upp i tiometers sektioner. Insamlade data för varje sektion är morfometri, vattenhastighet, skuggning, bottensubstrat, vegetation samt fysiska ingrepp i vattendraget. Resultaten av denna insamling rapporteras i tabeller så väl som figurer, och beskrivs i text. Dessutom har lämpliga lokaler för elfiske identifierats.

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Appendix 2 Vegetation in streams of the Simpevarp area (only on attached CD)

Appendix 3 Species of vegetation in streams of the Simpevarp area (only on attached CD)

Appendix 4 Anthropogenic influence on streams in the Simpevarp area (only on attached CD)

1 Introduction

SKB, The Swedish Nuclear Fuel and Waste Management Company, has started investigations of potential sites for a deep repository of spent nuclear fuel. These sites include two different areas: the Simpevarp area in Oskarshamn and the Forsmark area in Östhammar. The sites are investigated for data relevant to evaluate the construction and function of a planned deep repository. Scientists from several fields of investigation participate in this siting program. One part of the programme will describe potential effects on the biosphere, and as a tool for this a descriptive ecosystem model has been developed /Löfgren and Lindborg, 2003/. The data gathered about the ecosystems will also be used for the environmental impact assessment of the project.

This investigation was carried out in accordance with the activity plan AP PS 400-04-064. Controlling documents for performing this activity are listed in Table 1-1. Both the activity plan and the method descriptions are internal controlling documents of SKB.

Table 1-1. Controlling documents for the performance of the activity.

Activity plan	**Number**	**Version**
Undersökningar i Oskarshamnsområdet: Vattendragskartering	AP PS 400-04-064	1.0
Method descriptions	**Number**	
River and river-related drainage area parameters for site investigation program	SKB R-01-20	

The Simpevarp area is situated between two large river catchments entering the Baltic Sea; River Marströmmen in North (SMHI catchment no 72) and River Virån in South (SMHI catchment no 73). Hence, according to the SMHI numbering system the area subject to siting investigations is part of the catchment no 72/73.

This report describes eight streams entering the Baltic Sea from the Simpevarp area. Four of them are located on islands.

The geographical information system created for this investigation has been incorporated in SKB's database SICADA.

2 Methods

2.1 Nomenclature

The entire Simpevarp site investigation area is situated between the catchment of River Marströmmen (SMHI catchment no 72) and the catchment of River Virån (SMHI catchment no 73). Consequently, SMHI numbers this area as no 72/73 (Figure 2-1). Within the 72/73 area, SMHI identifies five smaller rivers, of which three (Kärrviksån, Laxemarån and Släthultebäcken) are situated within the site investigation area. However, a higher resolution is needed for the site investigations. /Brunberg et al. 2004/ identified and described a total of 26 catchments of varying size, entering the Baltic sea from the Simpevarp area and numbered from North to South. In eight of these 26 catchments, the streams have been investigated and characterised.

The streams have the same number as their catchments /according to Brunberg et al. 2004/. Their names have, if available, been taken from the SMHI register of Swedish rivers /SMHI, 2004/. In most cases however, no name was found, and a name was then constructed from nearby villages, bays or places, e.g. “Mederhultsån” for the stream in Simpevarp 6 /Brunberg et al. 2004/. These constructed names are given in the text within brackets.

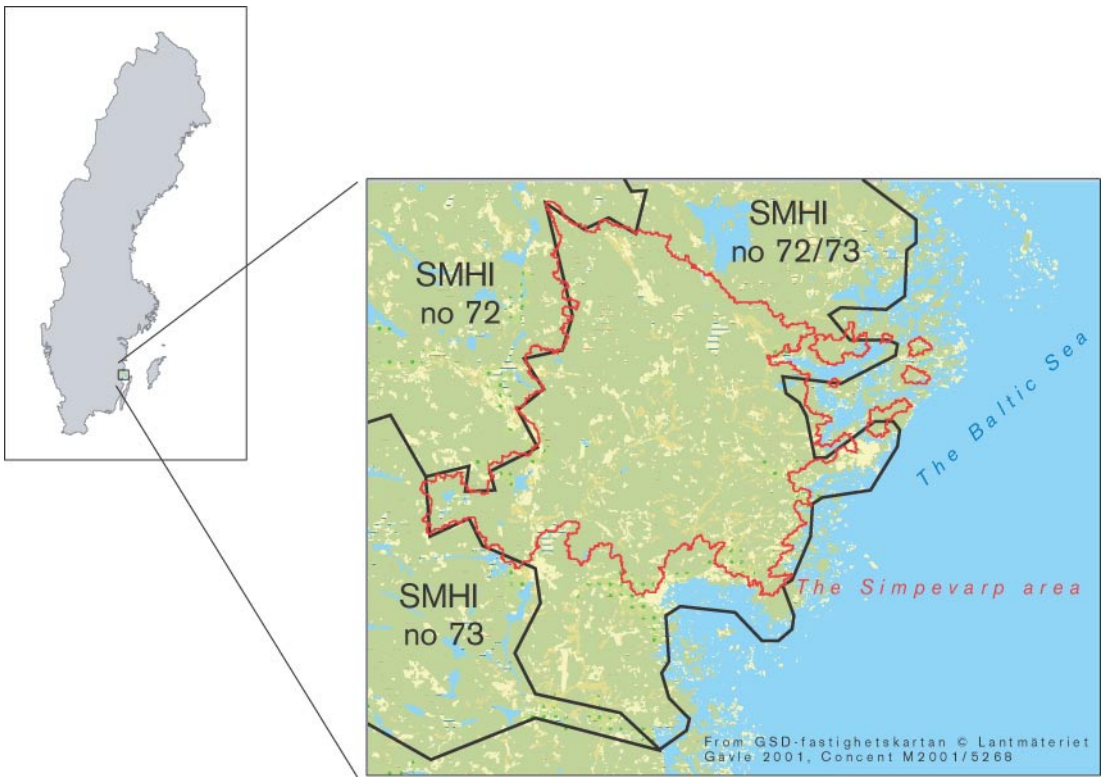

Figure 2-1. *The location of the Simpevarp area, situated within the SMHI catchment no 72/73.*

The investigated parts of the streams were divided in ten-meter sections. The section closest to the sea in each catchment is number one, the next section upstream is number two, etc, continuing upstream along the stream. As an example, the stream “Mederhultsån”, situated in the catchment Simpevarp 6, has 10 m sections numbered 6_1, 6_2, 6_3 etc, to the final and most upstream section 6_402.

2.2 Equipment

The DGPS Trimble Pathfinder Pro XR, connected to a field computer Trimble TSCe with the software ArcPad 6.0, was used to mark the coordinates when walking along the streams. Normally, this equipment gives a high accuracy, +/– 1 m or less, of the position. However, when circumstances are unfavourable, e.g. when vegetation and hills shield the antenna and weaken the satellite signals, the accuracy is less. In order to save only the reliable positions (+/– 1 m or better), a filter was used.

The coordinates were saved continuously in the field computer and at the end of each day a backup was made.

A digital camera (Minolta Dimage X31) was used when taking the photographs.

2.3 Data collection and field investigations

Data regarding the characteristics of the streams have been acquired from various sources and by field investigations during 2004.

Following the methodology of /Blomqvist et al. 2001/, a number of stream parameters were measured while walking along the stream, each of them estimated for every ten-meter section. Notes were taken regarding morphometry, water velocity, shading, bottom substrate, vegetation and technical encroachments. The classes and definitions of these parameters are described below. These definitions are to a large extent coordinated with the classification system recommended by /Naturvårdsverket, 2004a/. The collected data are reported here, according to the following structure:

The object and its location

The name of the stream is given (see 2.1 above), as well as the number of the appropriate topographic map. A reference is made to the corresponding SMHI catchment number, in which the stream is located. The x and y coordinates for the outlet is given, using DGPS equipment and the Swedish national grid (RT 90 2.5 G W), as well as the coordinates for each investigated ten-meter section. In addition, the area of the catchment and length of the stream is specified. A brief description of the adjacent terrestrial area is also included.

Morphometry parameters and environment

The average water depth and width was measured for every section and given in decimeters.

Dry sections were noted. Where water was present, the water velocity was assessed and divided into three different classes:

1 Calm, slowly flowing water (< 0.2 m/s).

2 Slightly streaming water (0.2–0.7 m/s).

3 Streaming and rushing water (> 0.7 m/s).

This classification was not made for sections where the water was running through pipes.

Shading from surrounding terrestrial vegetation, restricting light availability in the water, was classified as follows:

0 Unshaded section.

1 Brief shading (< 5% of the section).

2 Moderate shading (5–50% of the section).

3 Dense shading (> 50% of the section).

Bottom substrate

The bottom substrate was noted and classified into eight different categories:

Coarse organic detritus	Leaves, bark and wood, not yet decomposed.
Fine organic detritus	More or less decomposed organic material, also including inorganic material with particle size smaller than clay.
Clay	Grain-size < 0.02 mm.
Sand	Grain-size 0.02–2 mm.
Gravel	Grain-size 2–20 mm.
Cobble	Grain-size 20–200 mm.
Boulder	Grain-size 200–4,000 mm.
Bedrock	Grain-size > 4,000 mm.

For each category the coverage was specified:

1 < 5% of the area is covered.

2 5–50% of the area is covered.

3 > 50% of the area is covered.

Hence, more than one class of substrate might be present within the same stream section. The dominating bottom substrate for each section was noted.

Vegetation

Up to five of the dominating plant species were noted for each ten-meter section (Appendix 2). Swedish, English and Latin names, all according to /Naturhistoriska riksmuseet, 2004/ are listed in Appendix 3, and the most dominating species are given in the text for each stream.

Some plants were not determined to species level due to different complexities: Species of *Utricularia sp.* (Bladderwort, Bläddra) are very difficult to identify when found without flowers. *Sparganium sp.* (Bur-reed, Igelknopp) are often found as hybrides, and most often impossible to determine to species level without seed stalks (fröställningar). *Callitriche sp.* (Water-starwort, Lånke) is often sterile when growing under water, and in these cases very difficult to identify to species level. The different species of *Carex sp.* (Sedge, Starr) and *Typha sp.* (bulrush, kaveldun) are difficult to identify without spike collections (axsamlingar). *Salix sp.* (Willow, vide) often form hybrids. The Sphagnum mosses, *Sphagnum sp.* (vitmossa), represented in Sweden by 45 different species /Naturhistoriska riksmuseet, 2004/, were not determined to species level in this investigation. Periphytic algae were noted when abundant in large quantities, but not identified further.

The total abundance of vegetation growing in each section was noted, according to the following five classes:

1 Vegetation lacking.

2 Single plants (covering < 5% of the area).

3 Moderate growth (covering 5–50% of the area).

4 Substantial growth (covering 50–75% of the area).

5 Intense growth (covering 75–100% of the area).

In addition to the total abundance, the distribution of the plants was noted for each taxa, according to the following five classes:

1 Solitary growth.

2 In small groups with a few individuals in each.

3 In small dense groups, pillows or in big tufts.

4 In widespread mats or nets.

5 With high density or in widespread mats, covering almost the whole surface.

All data on vegetation, including total abundance, dominating taxa, Latin name and distribution for each taxon, are listed in Appendix 2. Completely dry sections and parts draining through pipes were not investigated for aquatic macrophytes.

Technical encroachments

All kinds of man-made technical encroachments in the stream were described, and photos were taken. The locations of pipes were noted, with the diameter, length and height for water to fall down to the substrate specified. For dams the water depth and construction was described, and for filled channels the type of materials was noted.

The extent of excavation of the channel (mostly for drainage purposes) was noted according to the following classification:

0 Natural, no excavation.

1 Moderate excavation.

2 Substantial excavation.

Descriptions of barriers for migratory fish (length, width and height) were noted. The functioning of these barriers of course differs with different water level, and some of them are no barriers in situations with higher water level. Our notes were made corresponding to the water level present during the field investigation period. Considering that the investigation was performed at low water conditions, all potential barriers should be included. Bridges (width, height and type of bridge) were also noted, as well as grazed areas along the stream (the affected length), and presence of pipes draining into the stream.

Additional remarks

Oxbow lakes next to the channel were noted and described, as well as stream necks or riffles (forsnacke), still pools (höljor) and the sites where boulders and other natural objects may constitute barriers for migratory fish.

Stream sections suitable for electro-fishing were noted. Electro-fishing is functioning especially well in smaller streams, where it is simple to walk in the water. Suitable conditions include water velocity less than 1.5 m/s, a bottom substrate consisting of coarse material such as gravel and cobbles, and where the possibilities to escape for fish is minimized /Naturvårdsverket, 2004b/. In addition, it is considered advantageous if the location is situated upstream roads for cars, and thus not affected by salt or pollution from the road, and if it is easy to reach by walking, i.e. no deep ravines or wet marshes. However, in our identification of suitable sections, less importance was given to these last two criteria.

3 Results

The entire Simpevarp area is situated within the SMHI catchment no 72/73, i.e. in the area between River Marströmmen (SMHI catchment no 72) and River Virån (SMHI catchment no 73). The area is divided into 26 catchments, of which eight have streams that partially have been investigated and described in this report (Figure 3-1).

In seven of the eight catchments the entire main channel has been investigated, and outlet coordinates for all tributaries entering the main stream have been noted. The tributaries have not been investigated themselves, with one exception: the tributary that drains from Lake Plittorpsgöl to the stream Laxemarån in catchment no 10.

The results from this investigation have been incorporated in SKB's database SICADA.

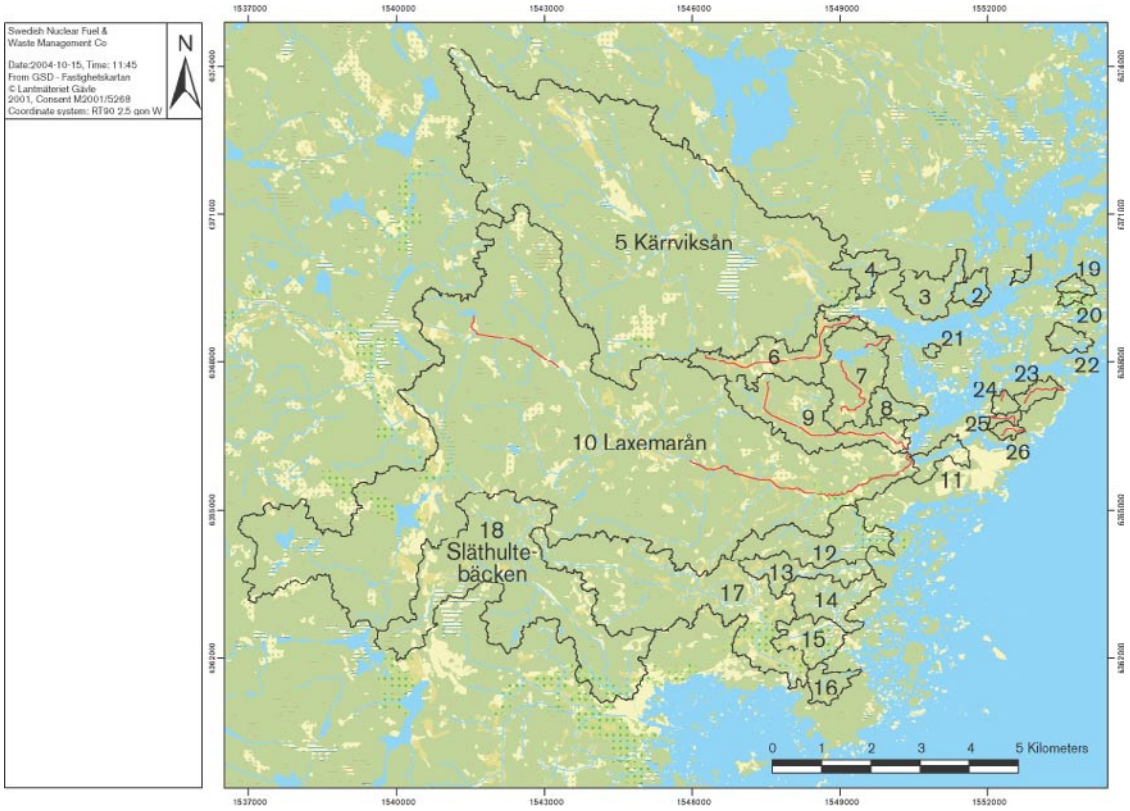

Figure 3-1. *The Simpevarp area, with the investigated streams described in this report marked with red lines.*

3.1 The stream ”Mederhultsån” in catchment Simpevarp 6

The object and its location

The stream “Mederhultsån” is part of the SMHI catchment no 72/73, and enters the Baltic Sea in Kärrsvik, Granholmsfjärden north east of the catchment. Three small tributaries draining into the main channel were identified during the field investigation, although too small to be included in the Swedish yellow map (fastighetskartan, Figure 3-2).

Topographic map: 6 G SO Vimmerby

Outlet coordinates: 1549390, 6368932

Catchment area: 2.003 km^2

Length of investigated stream: 3.950 km (= total length)

The close surroundings to the stream “Mederhultsån” are dominated by agriculture land, but also some forested areas, mostly coniferous. The village Mederhult is located along the stream. In the sections closest to the sea the stream forms a delta, with one main channel.

Morphology and environment

The investigated parts of the stream were strongly dominated by slowly flowing water (Figure 3-3), except for 160 m of dry sections, and a 130 m long distance with slightly streaming water.

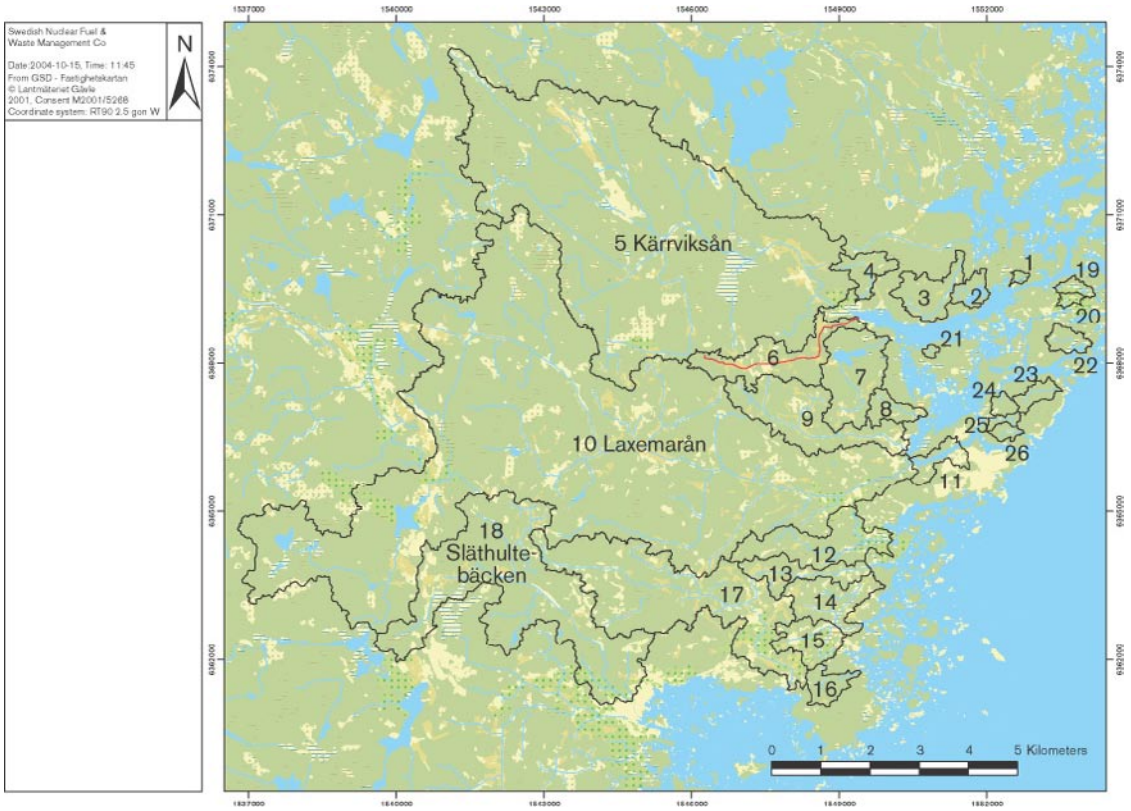

Figure 3-2. *The investigated parts of the stream “Mederhultsån”, catchment Simpevarp 6, marked with a red line.*

The shading from terrestrial vegetation varied from zero to more than 50% along the investigated part of "Mederhultsån" (Figure 3-4) reflecting the various land uses along the stream. The most shaded parts were flowing through forested areas. However, in some parts of the agriculture areas the water was partly flowing in underground pipes resulting in total shading.

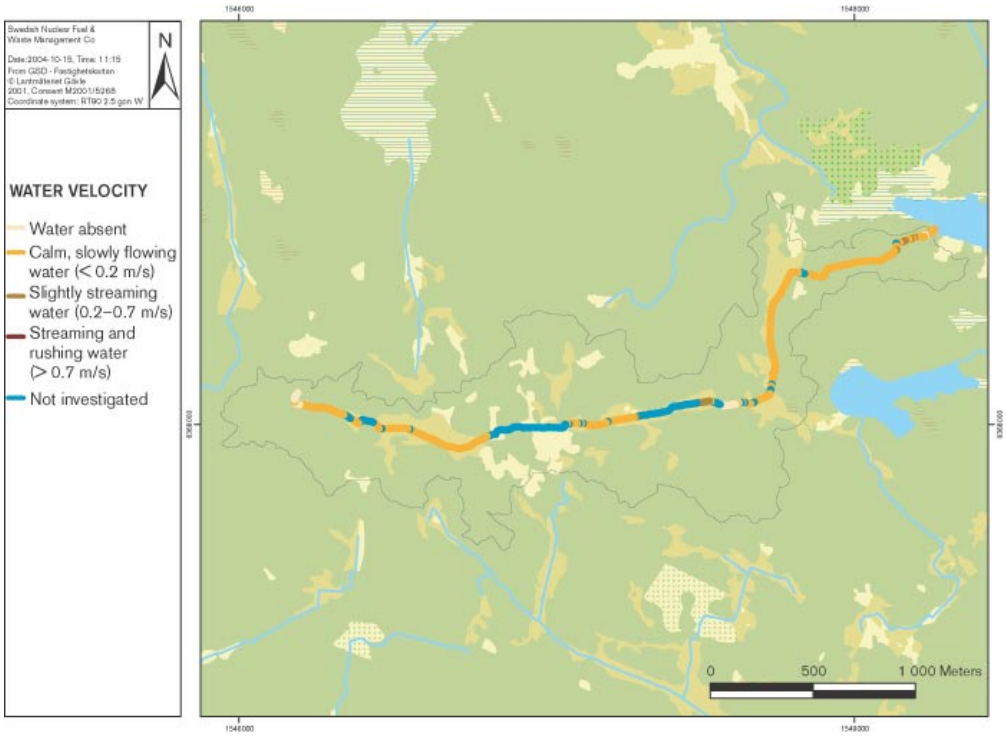

Figure 3-3. *Water velocity in the stream "Mederhultsån", catchment Simpevarp 6.*

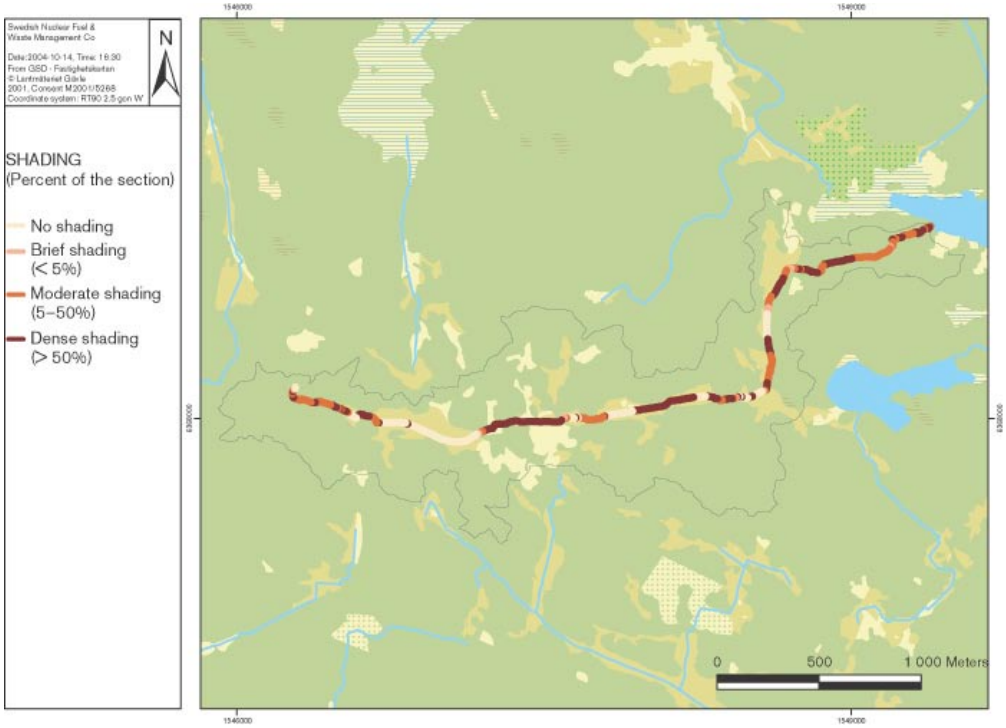

Figure 3-4. *Shading of the stream "Mederhultsån" in catchment Simpevarp 6.*

Bottom substrate

All classes of substrate were represented as dominating bottom substrate in different parts of the stream (Figure 3-5). The fine materials (fine organic material and clay) were most common.

Vegetation

The vegetation cover was often 50% or more, the exception was in the downstream areas close to the outlet to the sea, where the growth was sparse or lacking. The species that often dominated in the upstream part of the stream was *Lemna minor* (Common Duckweed, Vanlig andmat), which was found in substantial amounts. This free-floating species demonstrates the low water velocity, and it is also an indicator of relatively nutrient rich conditions. Further downstream, commonly dominating species were *Alisma plantago-aquatica* (Water plan-tain, Svalting), *Juncus effusus* (Soft-Rush, Veketåg) and *Sparganium sp.* (Bur-reed, Igelknopp) (Appendix 2).

Technical encroachments

The channel was substantially excavated, except for a short part in the most upstream areas and in some sections close to the sea (Figure 3-7).

The close surrounding of this stream was mostly agriculture land, and 27% of the channel was draining through pipes under the fields (Figure 3-8).

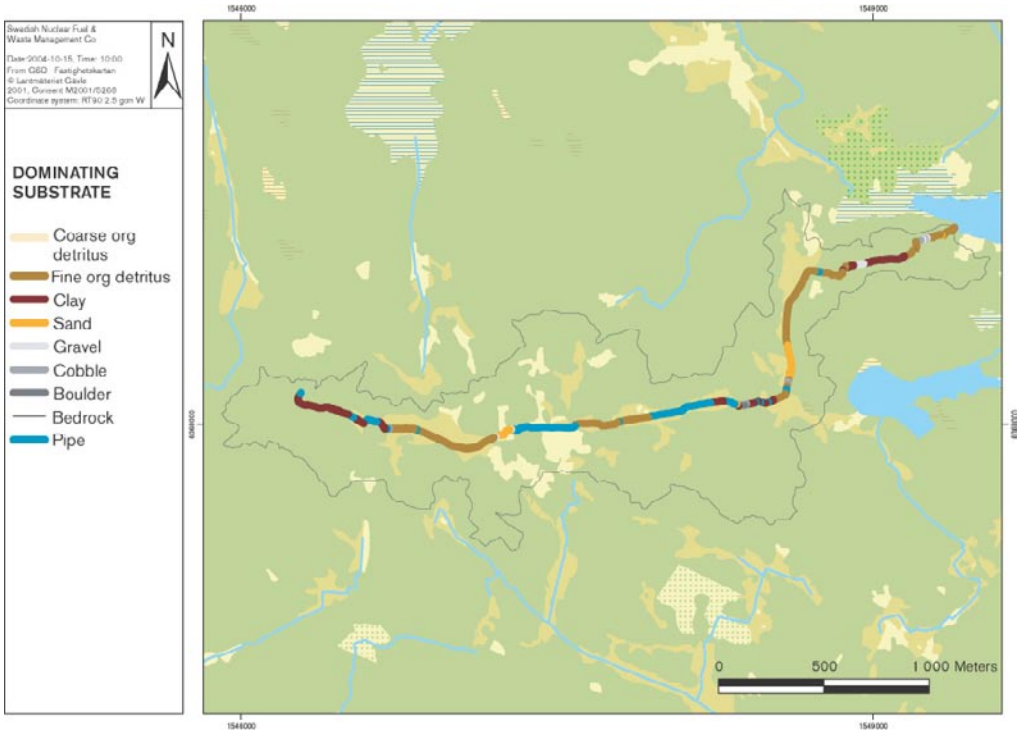

Figure 3-5. *Dominating bottom substrate of the stream "Mederhultsån", catchment Simpevarp 6.*

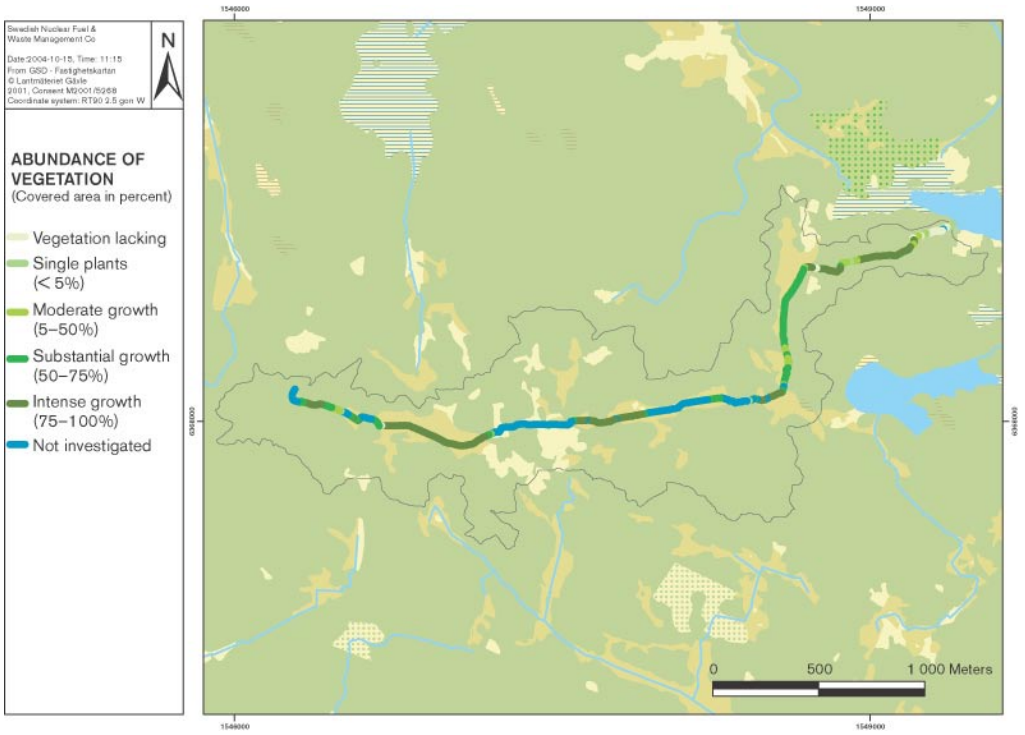

Figure 3-6. *Vegetation in the stream "Mederhultsån", catchment Simpevarp 6.*

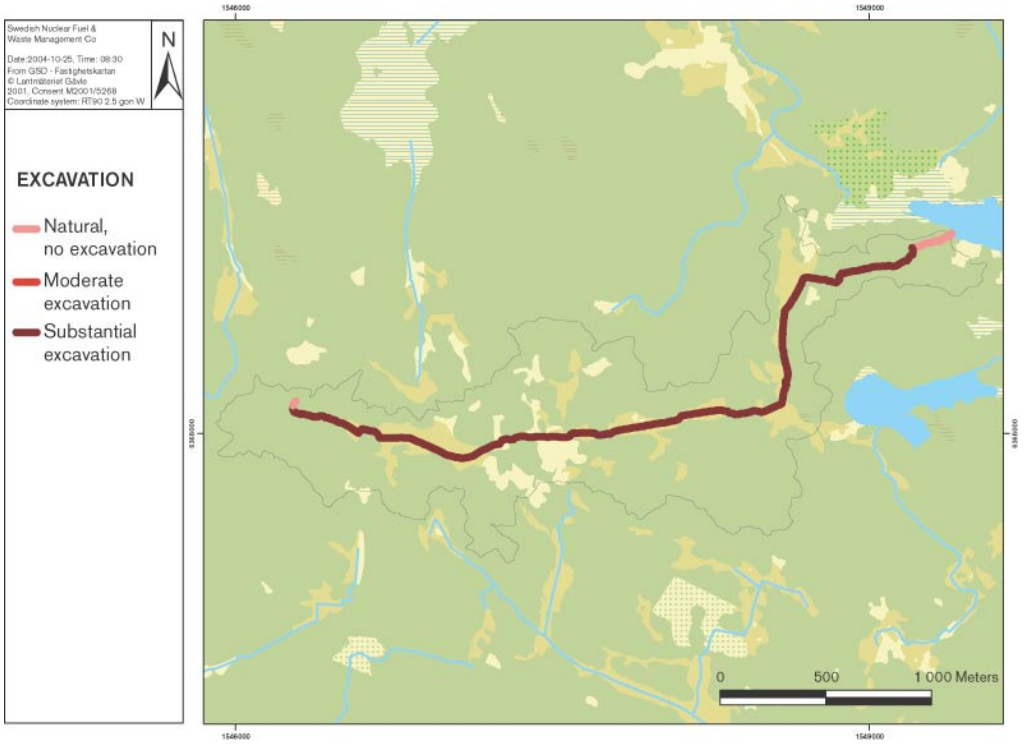

Figure 3-7. *The extent of excavations in the stream "Mederhultsån" in the catchment Simpevarp 6.*

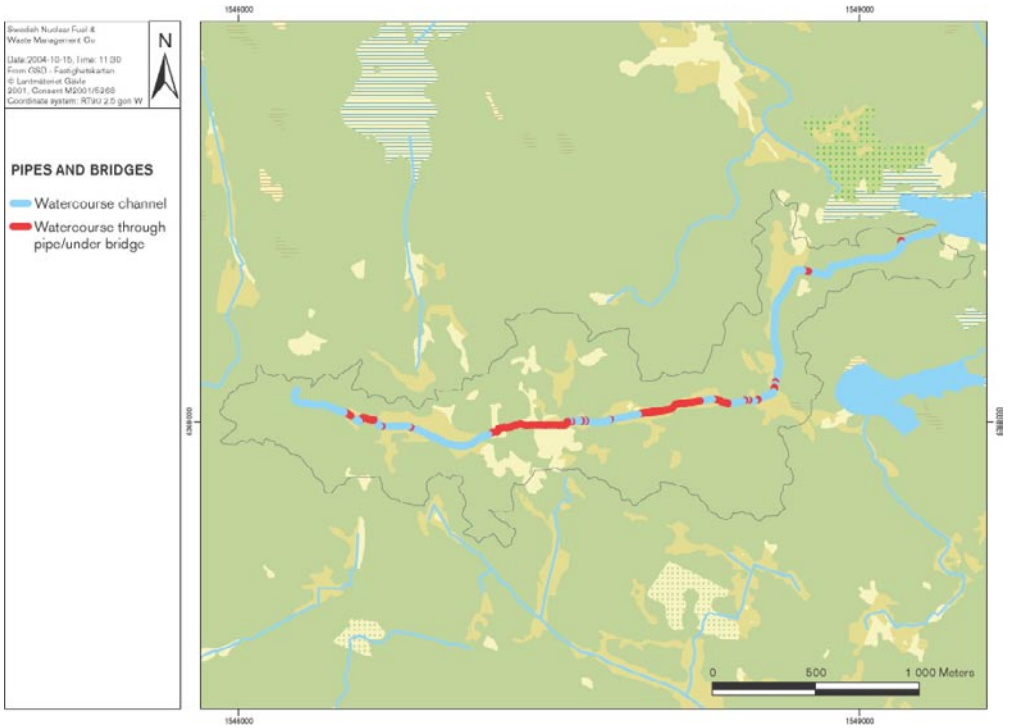

Figure 3-8. *Parts of the stream "Mederhultsån", catchment Simpevarp 6, that drains through pipes.*

3.2 The stream "Kåreviksån" in catchment Simpevarp 7

The object and its location

The stream "Kåreviksån" is part of the SMHI catchment no 72/73, and enters the Baltic Sea in Kårevik, Granholmsfjärden. Lake Frisksjön is located almost 730 m upstream of the outlet. The main stream has five tributaries, all too small to be included in the Swedish yellow map (fastighetskartan, Figure 3-9).

Topographic map: 6 G SO Vimmerby

Outlet coordinates: 1550082, 6368459

Catchment area: 2.062 km^2

Length of investigated stream: 2.530 km (distance through Lake Frisksjön not included)

Upstream Lake Frisksjön was the water mainly running through agriculture and pastureland, where the dominated parts of the channel were dry. However, it also passed some forests. Immediately downstream the lake, the stream meandered in a 50 m long ravine with a depth of approx 3 m, before it straighten out in a substantially excavated channel. It continued to be more or less straight until the water was spread within a delta further downstream. The former channel was cut off with boulders and clay at the downstream end of the delta. Further on the stream continued meandering through boulders and bedrocks in a ravin, here with a depth of 2 m. Closest to the sea the stream passed through a belt of Phragmites.

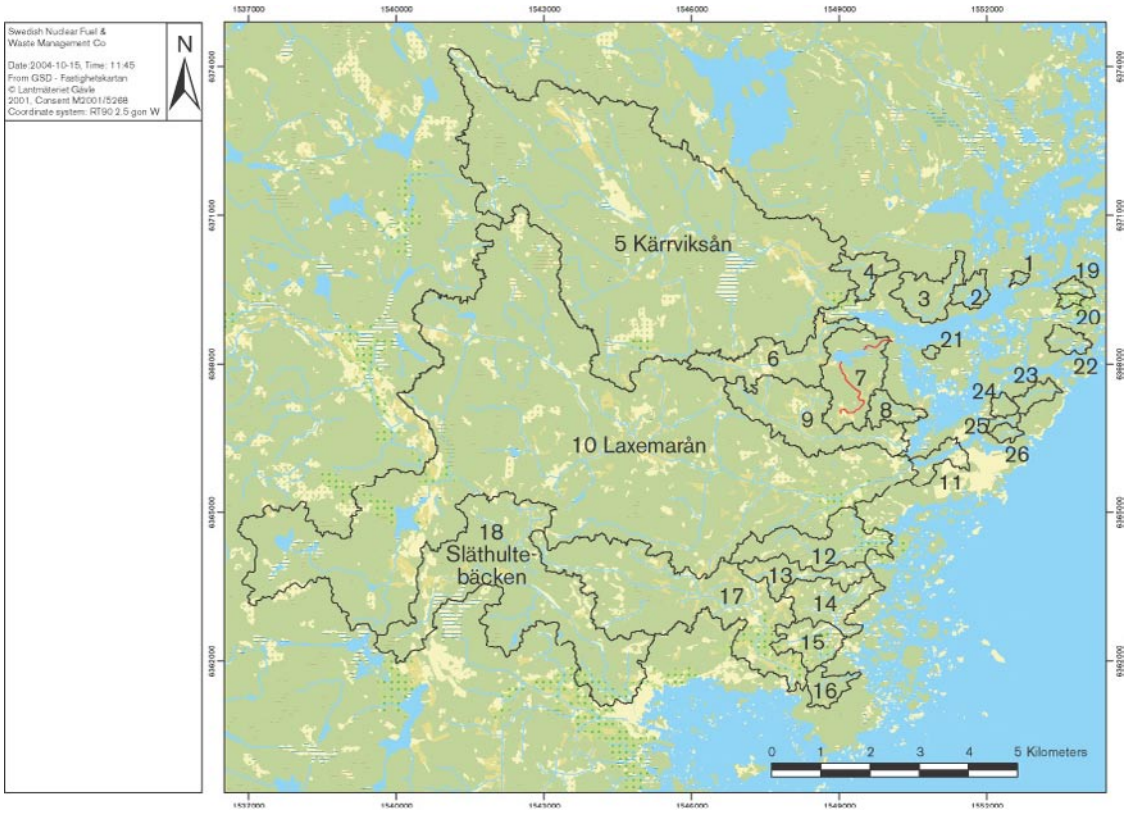

Figure 3-9. *The investigated parts in the stream "Kåreviksån", catchment Simpevarp 7, marked with red lines.*

Morphology and environment

The water velocity was calm, slowly flowing (< 0.2 m/s) in all parts where water was present (Figure 3-10). Dry sections dominated upstream Lake Frisksjön.

The upstream parts drained through some agriculture land and a great part of the sections were not shaded at all (Figure 3-11). Further downstream the channel was in most parts densely shaded. This was also the situation downstream Lake Frisksjön, where the stream was draining through forest and almost totally dominated by dense shading (> 50%).

Bottom substrate

The bottom substrate was almost totally dominated by the classes with smallest particle size; clay and fine organic detritus (Figure 3-12). Clay dominated upstream of Lake Frisksjön, although sand was the most common substrate in the sections closest to the lake. Fine organic detritus dominated downstream the lake. Boulders and gravel dominated in a few shorter sections distributed along the entire stream.

Vegetation

Major parts of the sections upstream Lake Frisksjön were dry, and therefore not investigated regarding aquatic plants (Figure 3-13). In the most upstream part, where water was present, there were a few sections with dense growth of vegetation. Species that often dominated in this part of the stream were *Alisma plantago-aquatica* (Water plan-tain, Svalting), but also sections with substantial amounts of *Lemna minor* (Common Duckweed, Vanlig andmat),

which is an indicator of relatively nutrient rich conditions (Appendix 2). Downstream Lake Frisksjön, where the channel was densely shaded (see above), mostly single plants were growing, or even vegetation lacking in many of the sections. Just as in the upstream parts, *A. plantago-aquatica* (Water plan-tain, Svalting) was often among the dominating species, but also *Potamogeton polygonifolius* (Bog Pondweed, Bäcknate) and *Lysimachia thyrsiflora* (Tufted Loosestrife, Topplösa) dominated in some parts.

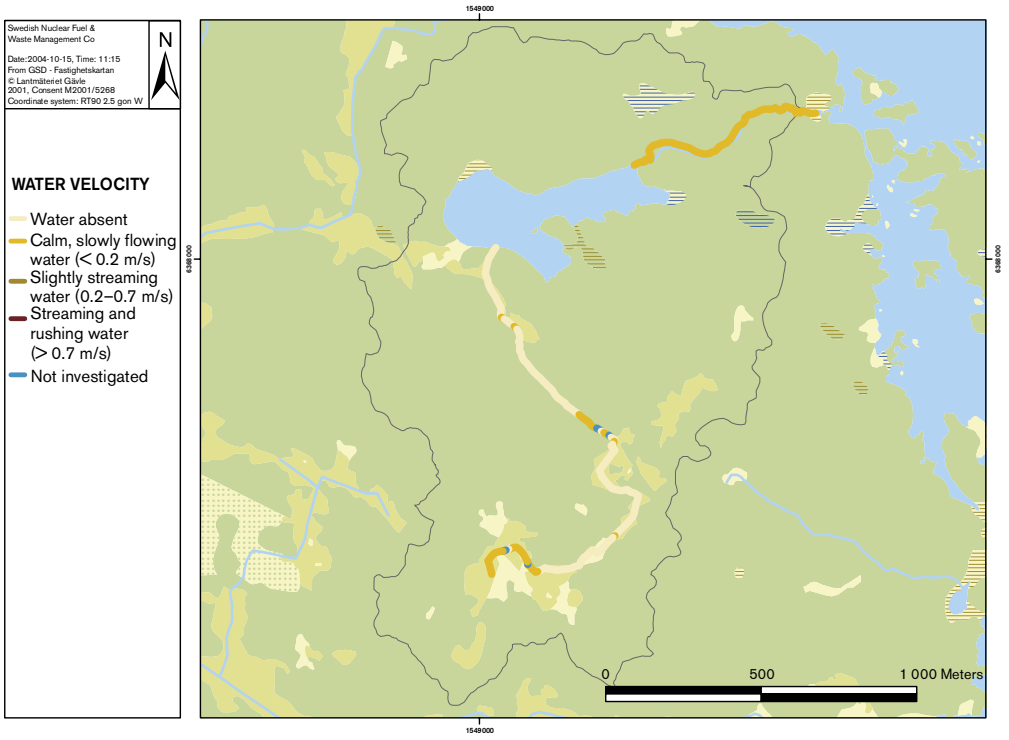

Figure 3-10. *Water velocity in the stream "Kåreviksån", catchment Simpevarp 7.*

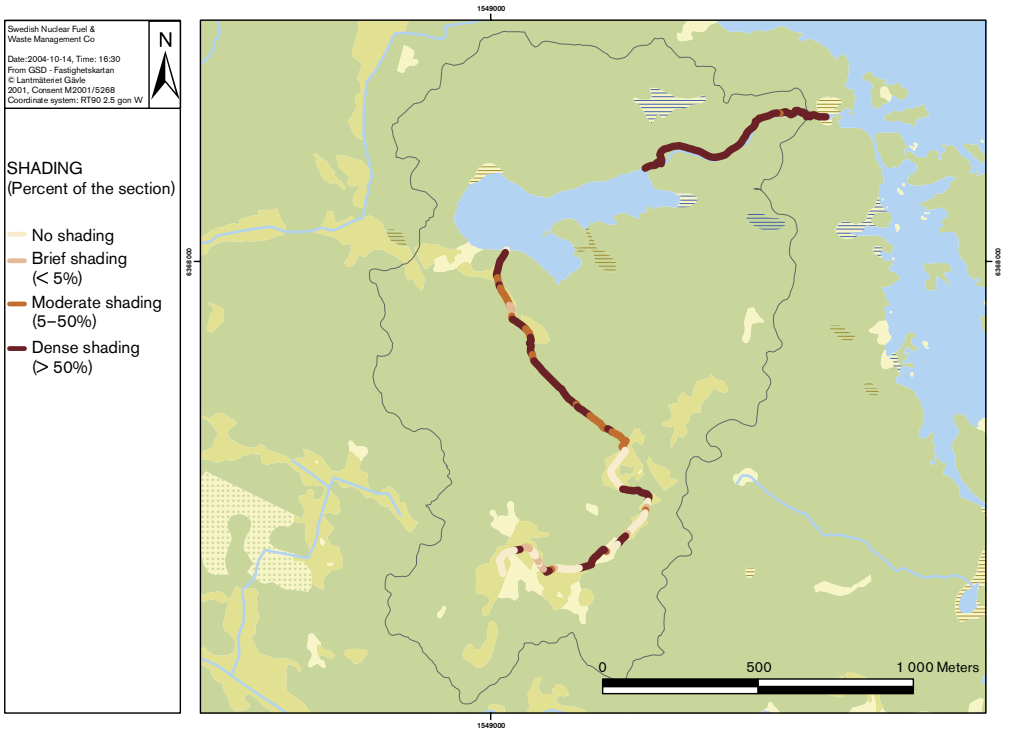

Figure 3-11. *Shading of the stream "Kåreviksån" in catchment Simpevarp 7.*

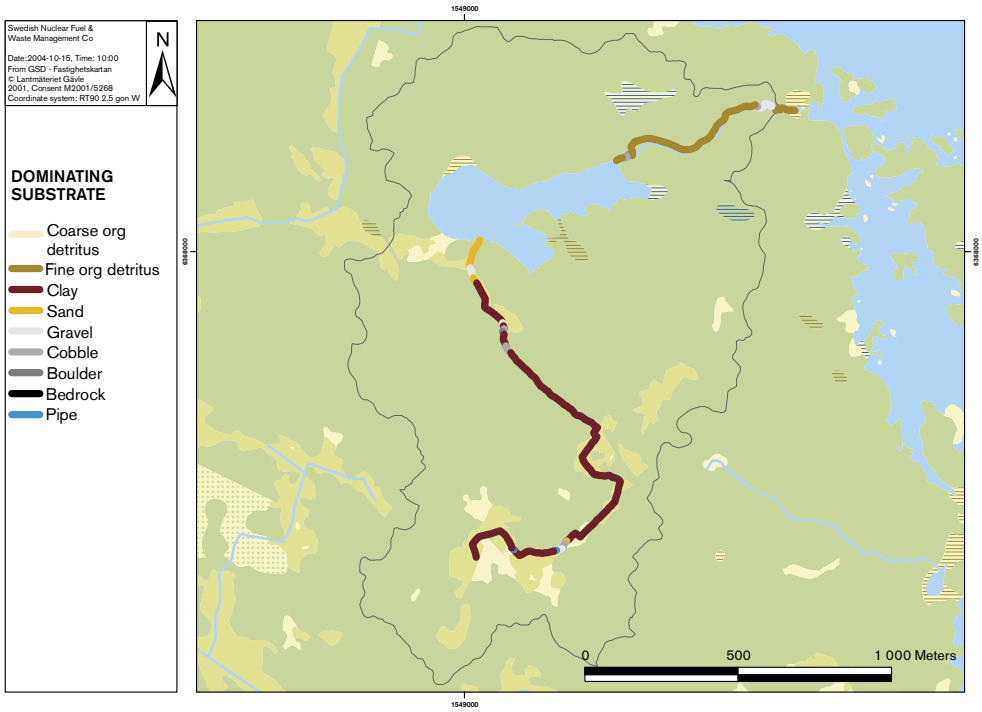

Figure 3-12. *Dominating bottom substrate of the stream "Kåreviksån", catchment Simpevarp 7.*

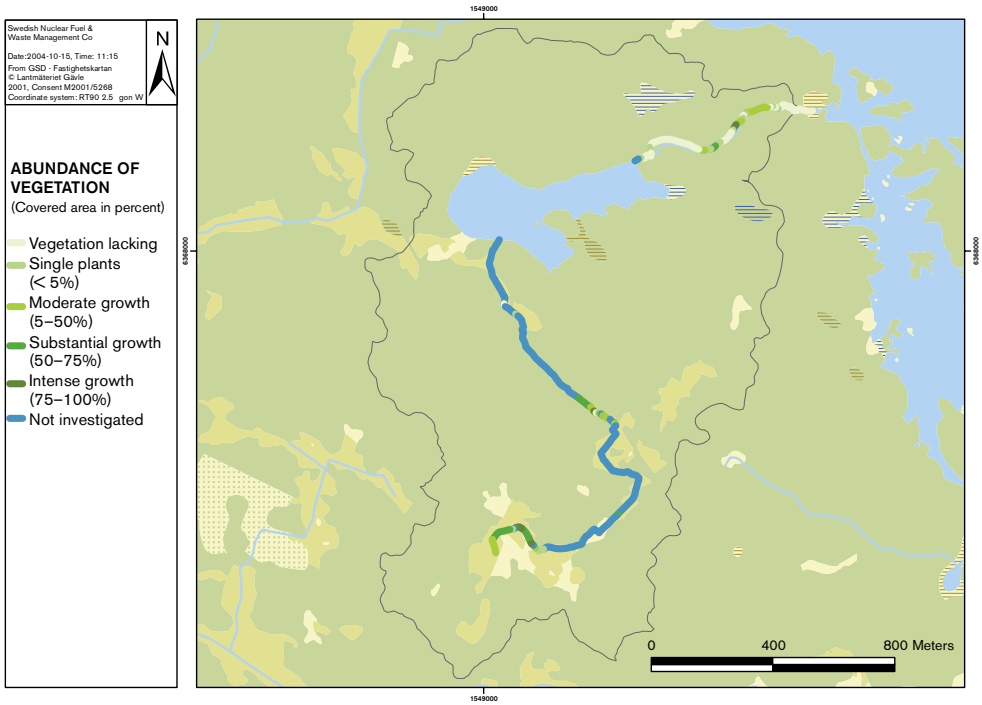

Figure 3-13. *Vegetation in the stream "Kåreviksån", catchment Simpevarp 7.*

Technical encroachments

The major part of the channel was substantially excavated (Figure 3-14). Upstream Lake Frisksjön the water was meandering in a few sections before it continued as a moderate excavated channel until entering the lake. Immediately downstream Lake Frisksjön the stream meandered again in a length of 80 meters, followed by first a part of substantial excavation where the stream was natural, with 180 meters continuing meandering and running through a wetland before it drained into the sea.

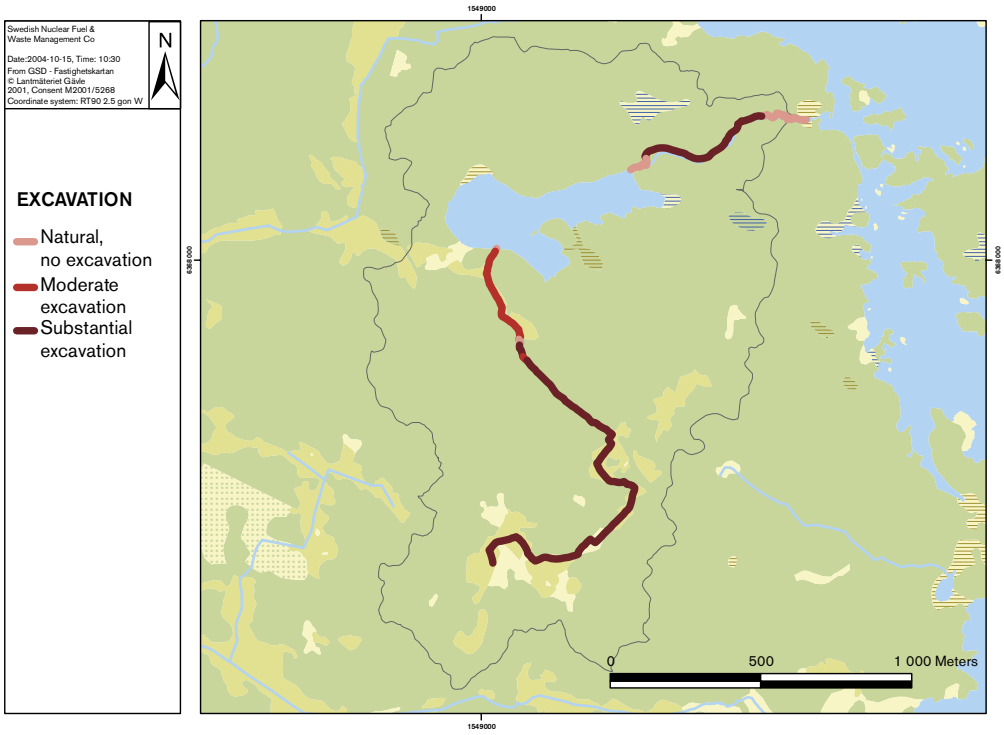

Figure 3-14. *The extent of excavations in the stream "Kåreviksån", catchment Simpevarp 7.*

3.3 The stream "Ekerumsån" in catchment Simpevarp 9

The object and its location

The stream "Ekerumsån" is part of the SMHI catchment no 72/73, and enters the Baltic Sea in Ekerumeviken, Borholmsfjärden. The stream has three tributaries, of which one is too small to be included in the Swedish yellow map (fastighetskartan, Figure 3-15).

Topographic map: 6 G SO Vimmerby

Outlet coordinates: 550391, 6366252

Catchment area: 2.834 km^2

Length of investigated stream: 3.920 km (= total length)

The stream "Ekerumsån" is probably most influenced by human activities among the streams investigated in this report. The stream flows through a lot of pipes, under a barn, and is even totally cut-off in a few sections. It is mostly flowing through agriculture land that surrounds the channel. In one of these parts, some hundred meters upstream of the outlet to the sea, the current channel was a man-made ditch, with the former channel still visible in the lowest part of the surroundings.

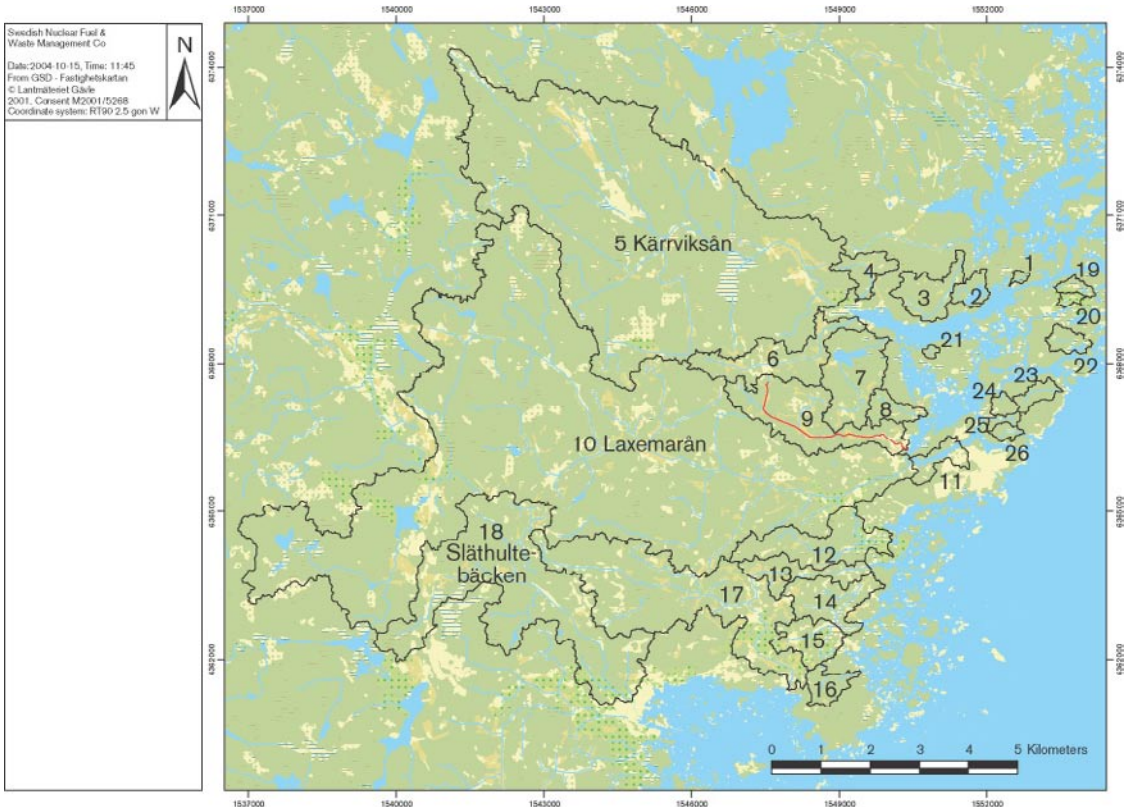

Figure 3-15. *The stream "Ekerumsån", in catchment Simpevarp 9, with the investigated parts marked with a red line.*

Morphology and environment

The stream was almost totally dominated by calm, slowly flowing water (Figure 3-16). The water was flowing through pipes in some sections, where the water velocity not was investigated and classified. A few dry sections and one section with slightly streaming water was present.

Large parts of the channel were not shaded at all, because of the open surroundings with agriculture land (Figure 3-17). On the other hand, when draining through forests or pipes the water was densely shaded.

Bottom substrate

The bottom substrate was dominated by fine organic detritus in most sections (Figure 3-18). Other classes that dominated large parts were cobbles and clay.

Vegetation

There was a substantial and intense growth of vegetation in most parts of the stream "Ekerumsån" (Figure 3-19). Among the dominating species were *Alisma plantago-aquatica* (Water plan-tain, Svalting) and *Juncus effusus* (Soft-Rush, Veketåg).

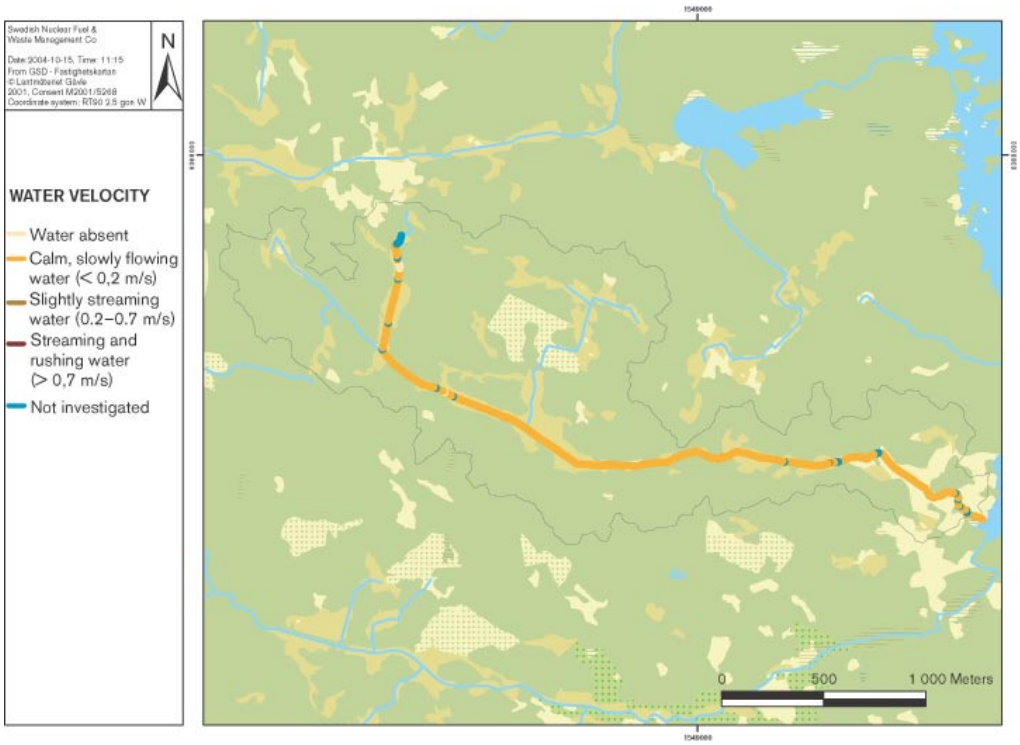

Figure 3-16. *Water velocity in the stream "Ekerumsån", catchment Simpevarp 9.*

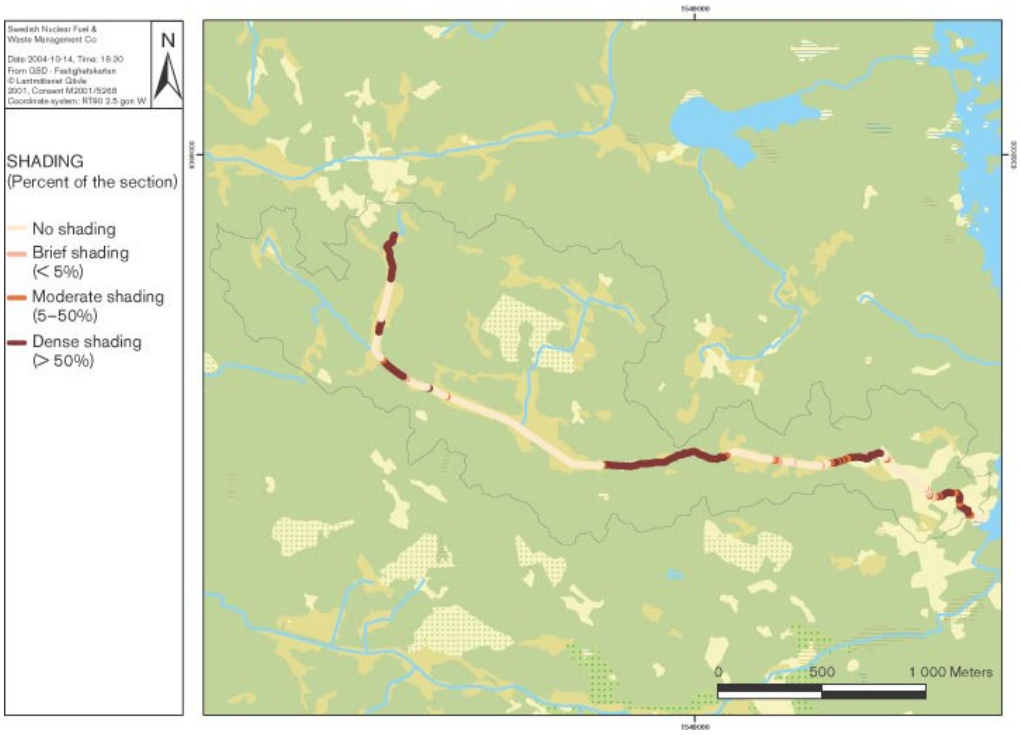

Figure 3-17. *Shading of the stream "Ekerumsån" in catchment Simpevarp 9.*

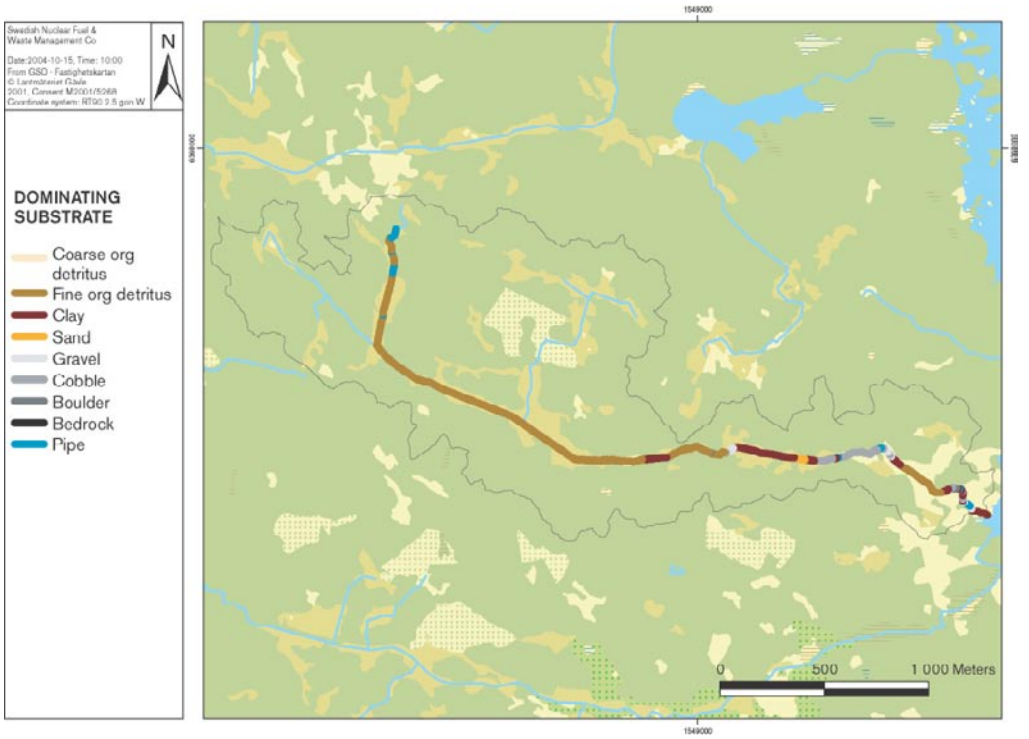

Figure 3-18. *Dominating bottom substrate of the stream "Ekerumsån", catchment Simpevarp 9.*

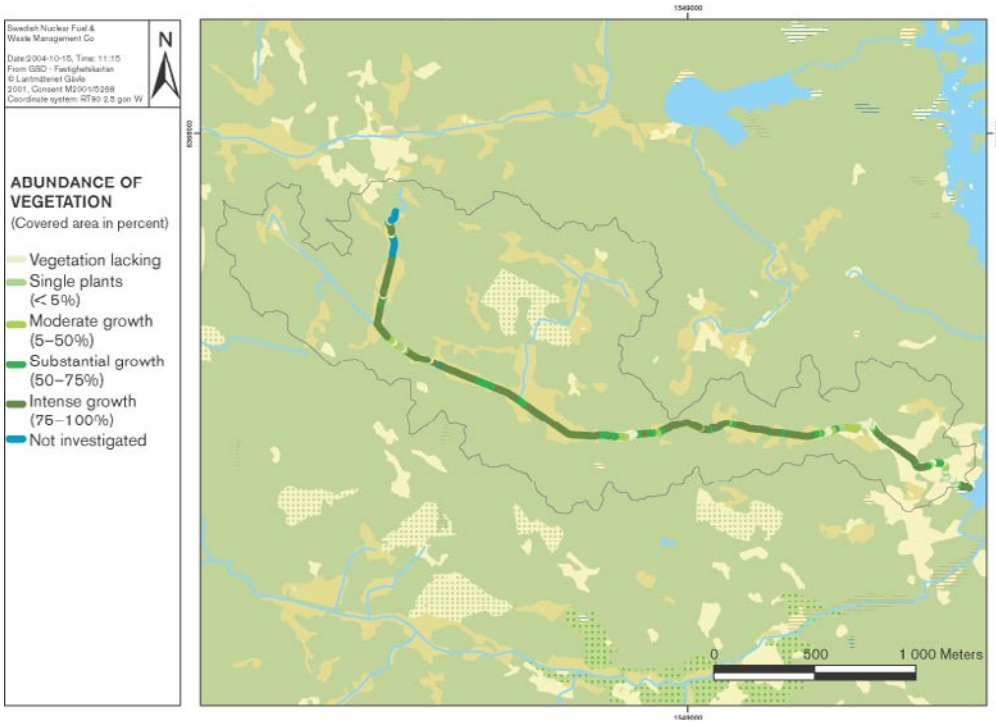

Figure 3-19. *Vegetation in the stream "Ekerumsån", in the catchment Simpevarp 9.*

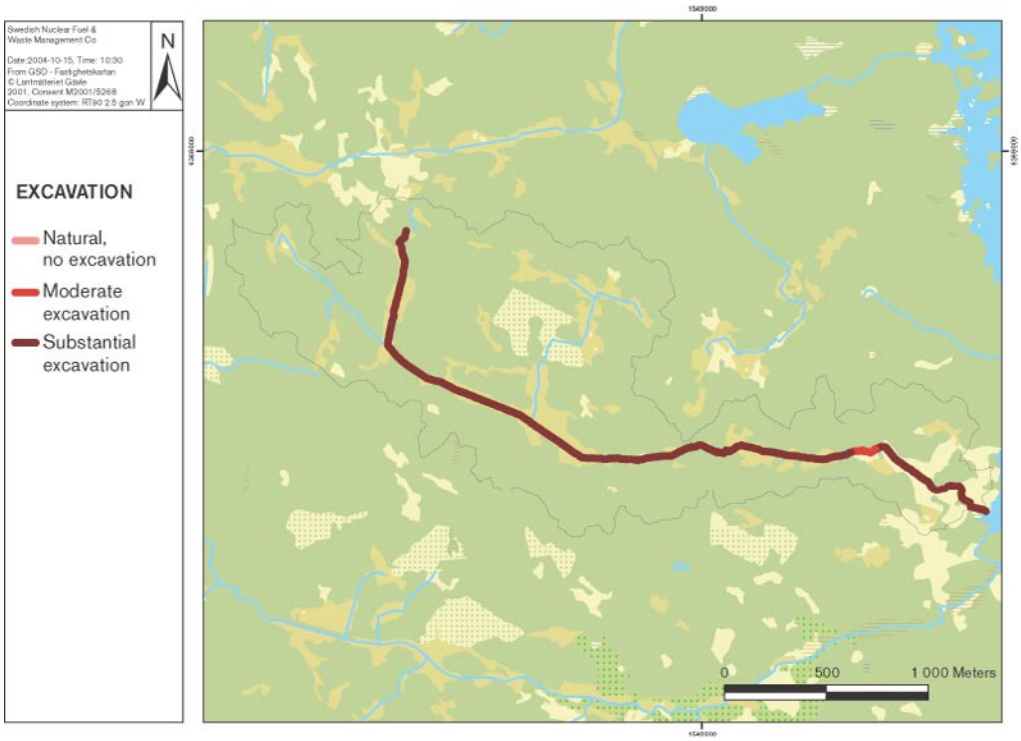

Figure 3-20. *The extent of excavations in the stream "Ekerumsån" in the catchment Simpevarp 9.*

Technical encroachments

The channel was substantially excavated, except for a short distance in the downstream part of the stream that was moderately excavated (Figure 3-20).

3.4 The stream Laxemarån in catchment Simpevarp 10

The object and its location

The stream Laxemarån is corresponding to the SMHI catchment no 72/73 Laxemarån, and enters the Baltic Sea in Ekerumeviken, Borholmsfjärden. Two parts of the stream were investigated; the upstream part from Lake Plittorpsgöl and 2.3 km downstream, and the downstream part from south of Lilla Basthult and 5.5 km downstream to the outlet in the sea. Twelve tributaries were draining into the investigated part of the main channel, of these where two too small to be included in the Swedish yellow map (fastighetskartan, Figure 3-21).

Topographic map:	6 G SO Vimmerby
Outlet coordinates:	1550401, 6366146
Catchment area:	40.976 km^2
Length of investigated stream:	7.710 km (5.450 km+2.260 km)

This stream is the largest of the streams within the Simpevarp site investigation area. Through the entire investigated length of the main channel no dry sections were found. A few stretches of the stream were divided into two channels, and the most downstream sections sometimes reached a width of 5 meters.

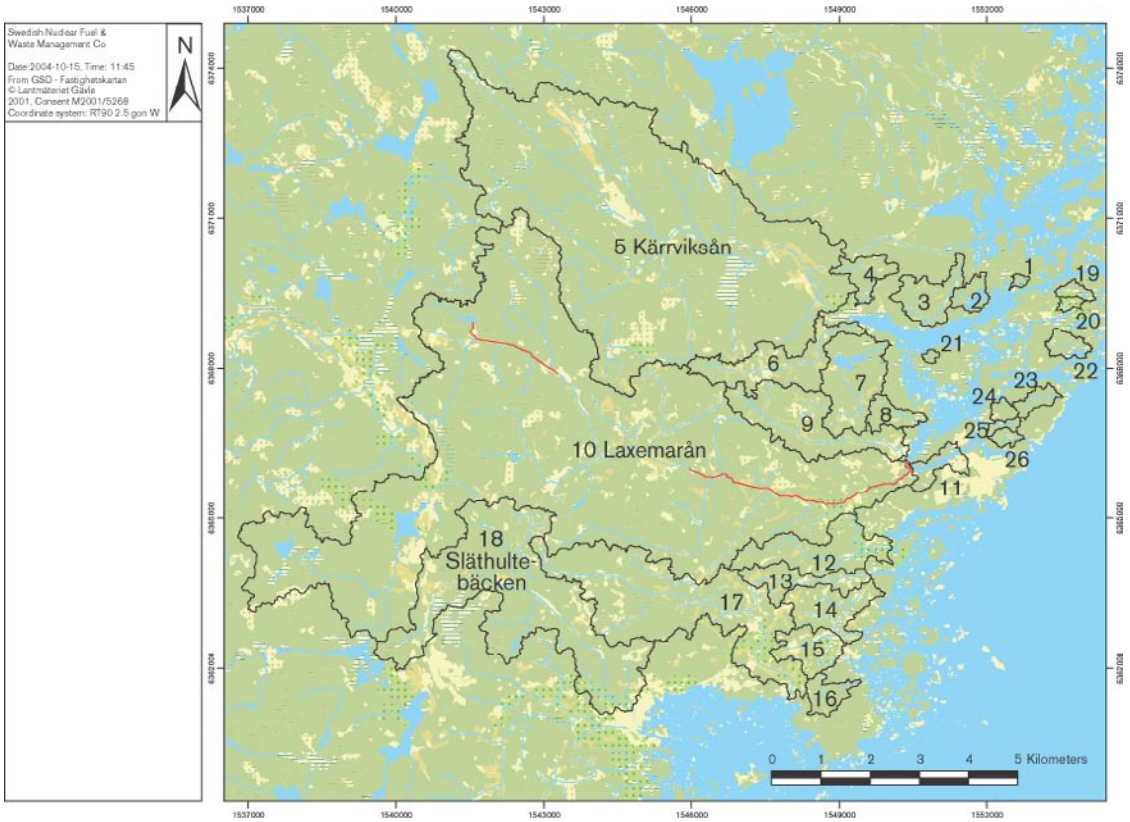

Figure 3-21. *The stream Laxemarån, in catchment Simpevarp 10, with the investigated parts marked with red lines.*

Large parts of the stream were draining through forests as well as agriculture land. In the downstream part, the water was flowing through a wetland covered with mostly *Salix sp.* and *Phragmites australis,* and further down to the sea mostly tree-covered wetlands.

Totally six sections with water velocity and bottom substrate suitable for electro-fishing were found in the stream. Remnants from, what it looked like, previous dams were present at four sites.

A total length of 3,920 meters of the main channel, situated in the central parts of the catchment, was not investigated. Hence, the results are shown in two figures for each parameter, one for the upstream part and one for the downstream part of the stream.

Morphology and environment

The water velocity in the upstream investigated part was dominated by calm, slowly flowing water, with slightly streaming water in several shorter parts (Figure 3-22). The most downstream sections of the tributary that drained Lake Plittorpsgöl were dry. The conditions were the same in the downstream investigated part, i.e. mostly calm, slowly flowing water (Figure 3-23).

Since the stream Laxemarån drains through wetlands, forests as well as agriculture land the shading is randomly distributed over the entire length (Figure 3-24 and Figure 3-25). Some longer parts with no shading were present in the upstream part, where the close surroundings consisted of agriculture land.

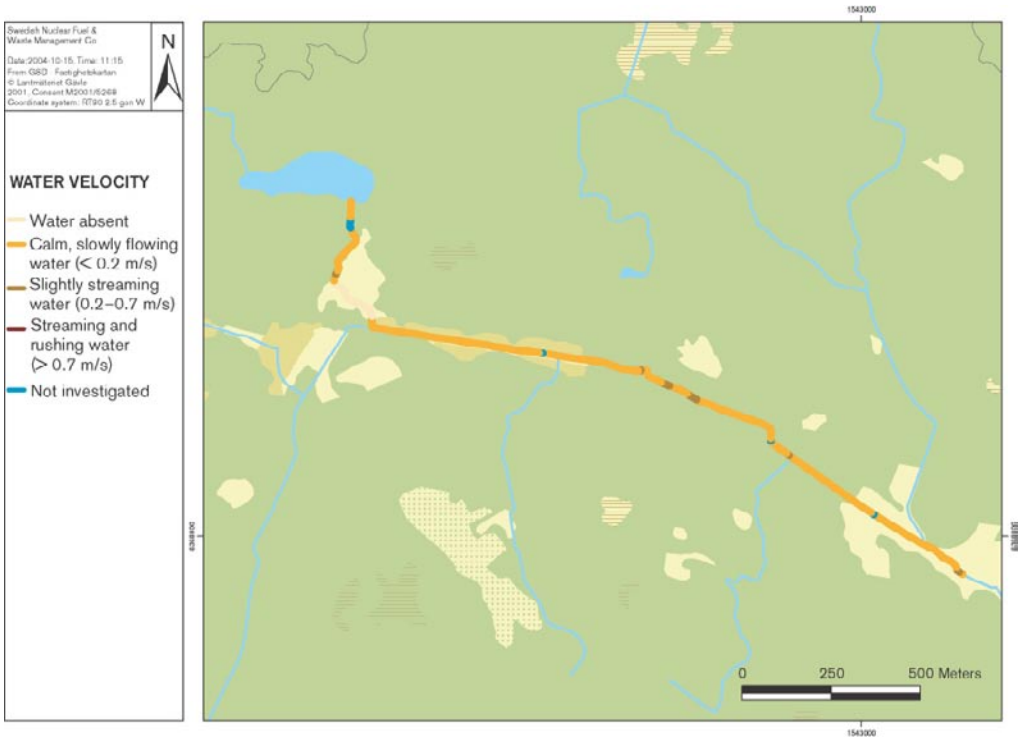

Figure 3-22. *Water velocity in the upstream investigated part of the stream Laxemarån, catchment Simpevarp 10.*

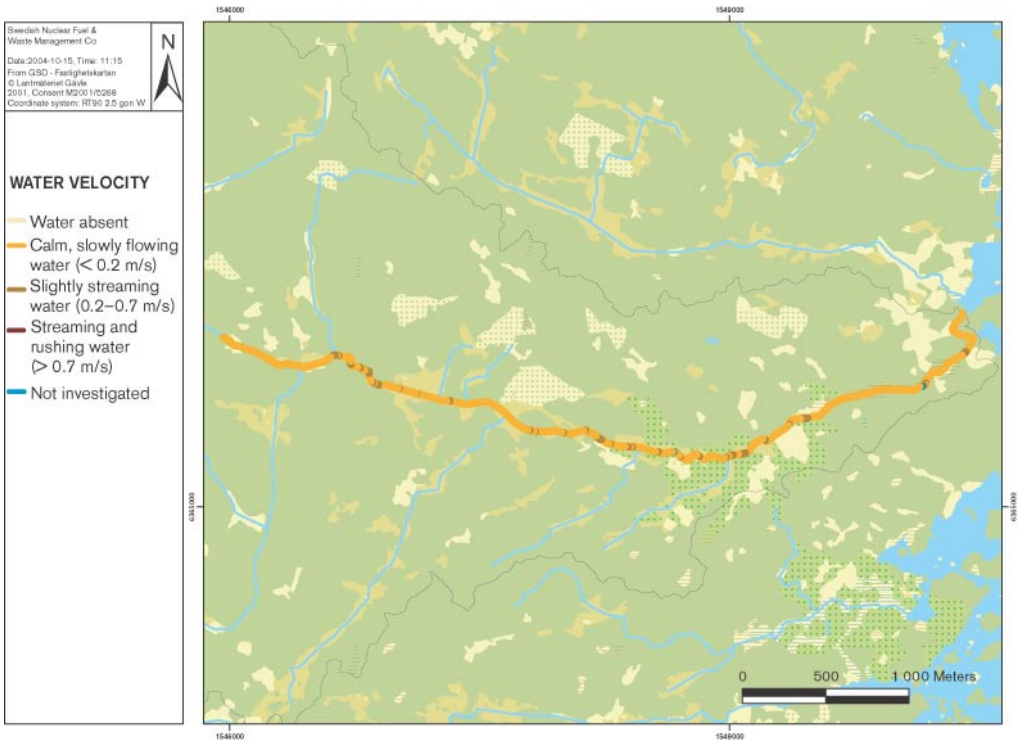

Figure 3-23. *Water velocity in the downstream investigated part of the stream Laxemarån, catchment Simpevarp 10.*

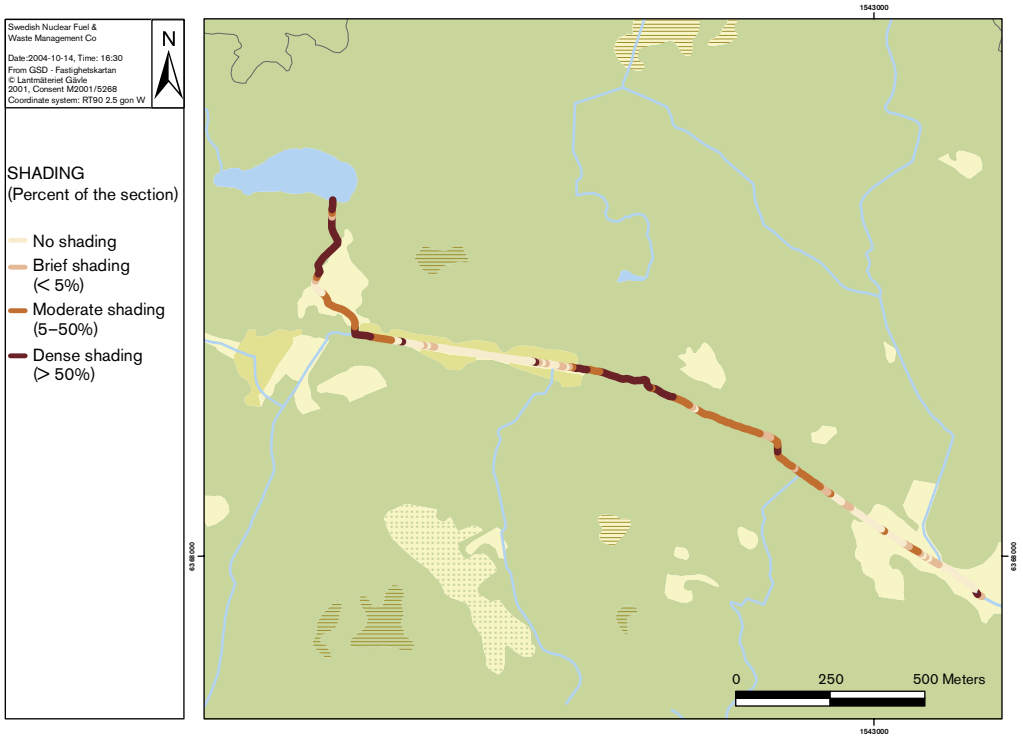

Figure 3-24. *Shading in the upstream investigated stretches of the stream Laxemarån in catchment Simpevarp 10.*

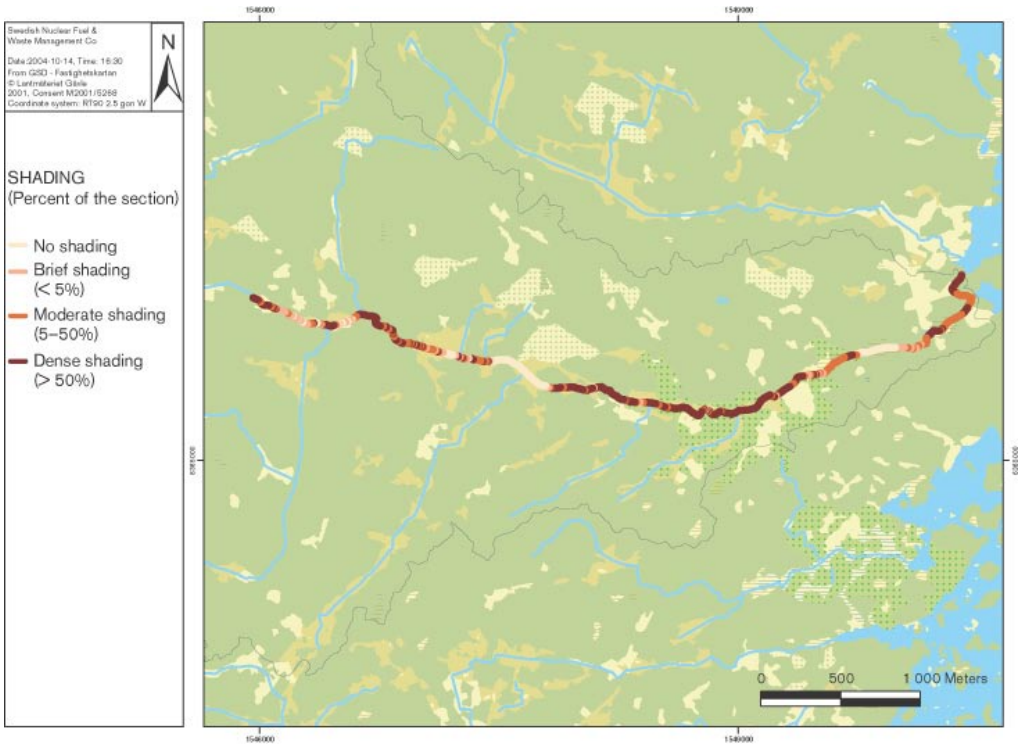

Figure 3-25. *Shading in the downstream investigated part of the stream Laxemarån in catchment Simpevarp 10.*

Bottom substrate

Fine organic detritus was the most common bottom substrate in the upstream part of the stream Laxemarån (Figure 3-26). Cobbles and clay were also dominating through some stretches. In the tributary that drained Lake Plittorpsgöl, cobbles and clay were totally dominating the bottom.

In the downstream part of the stream, clay was most frequently the dominating bottom substrate (Figure 3-27). Cobbles, sand and fine organic detritus were also dominating through some longer parts.

Vegetation

The abundance of vegetation in the upstream part of the stream Laxemarån was often high and classified as intense growth (Figure 3-28). In the downstream part, abundance fluctuated between all the classes, from lacking to intense growth (Figure 3-29). However, lack of vegetation most common. Species that frequently dominated the investigated sections through the entire stream were *Alisma plantago-aquatica* (Water-plantain, Svalting) and Nymphaeaceae (Water lily, Näckros). In the upstream part, sections with dominance of *Typha latifolia* (Bulrush, Bredkaveldun) was often found, while dominance of *Phragmites australis* (Common Reed, Vass) was commonly found in the most downstream part.

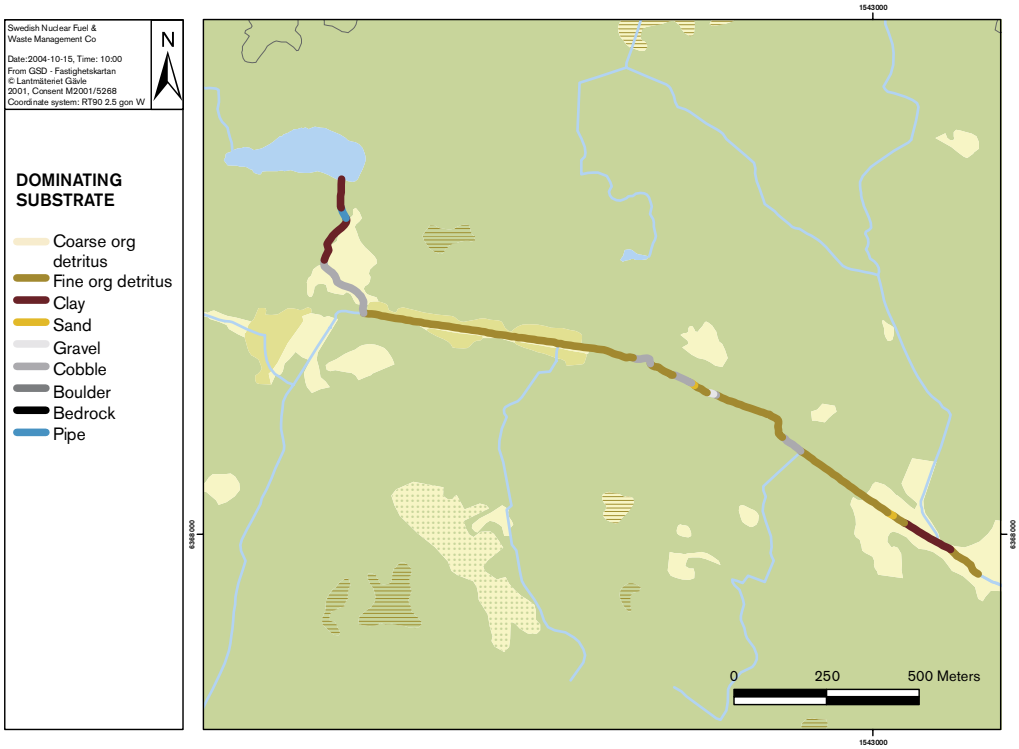

Figure 3-26. *Dominating bottom substrate in the upstream investigated part of the stream Laxemarån , catchment Simpevarp 10.*

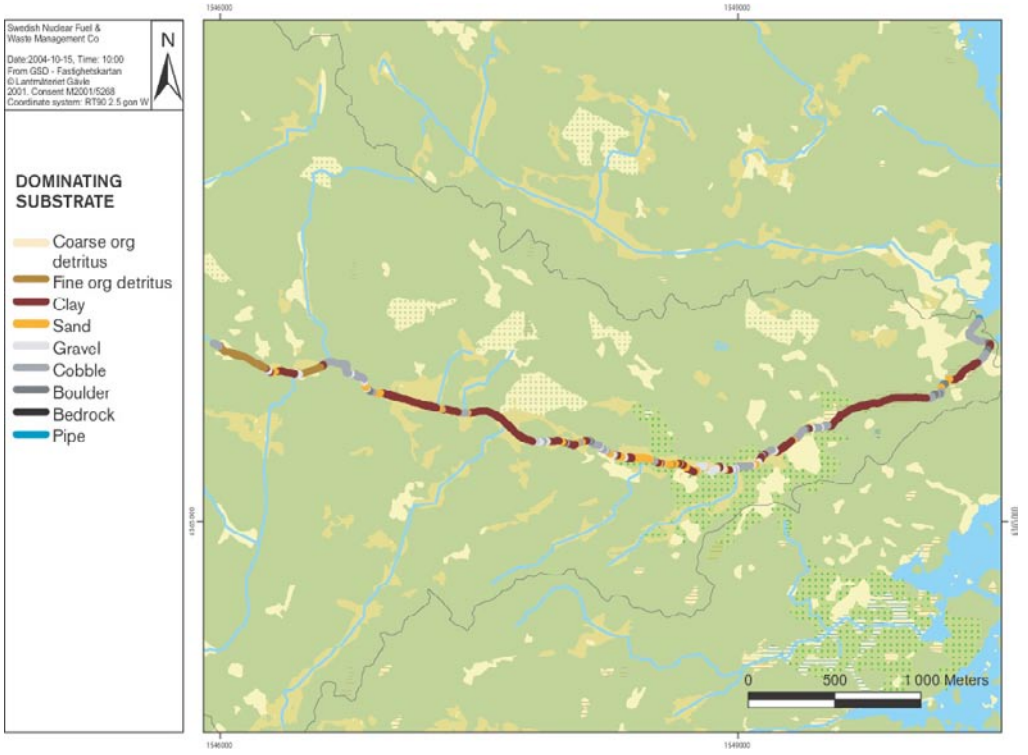

Figure 3-27. *Dominating bottom substrate in the downstream investigated part of the stream Laxemarån, catchment Simpevarp 10.*

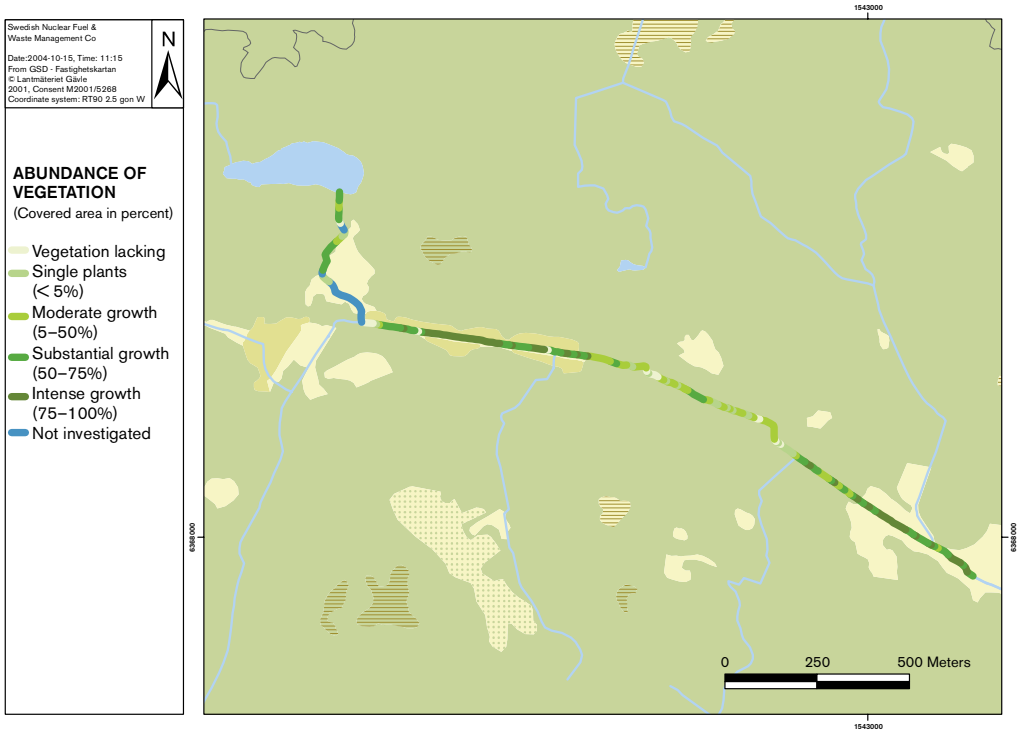

Figure 3-28. *Vegetation in the upstream investigated part of the stream Laxemarån, in the catchment Simpevarp 10.*

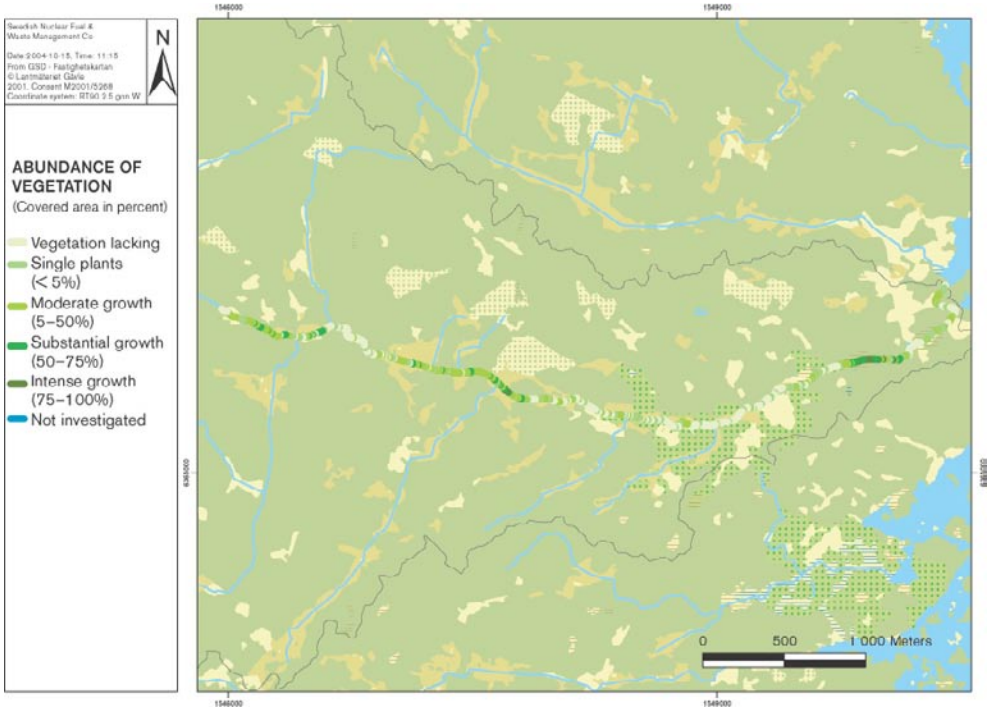

Figure 3-29. *Vegetation in the downstream investigated part of the stream Laxemarån, in the catchment Simpevarp 10.*

Technical encroachments

The entire investigated parts of the stream Laxemarån, upstream as well as downstream, were substantially excavated (Figure 3-30 and 3-31).

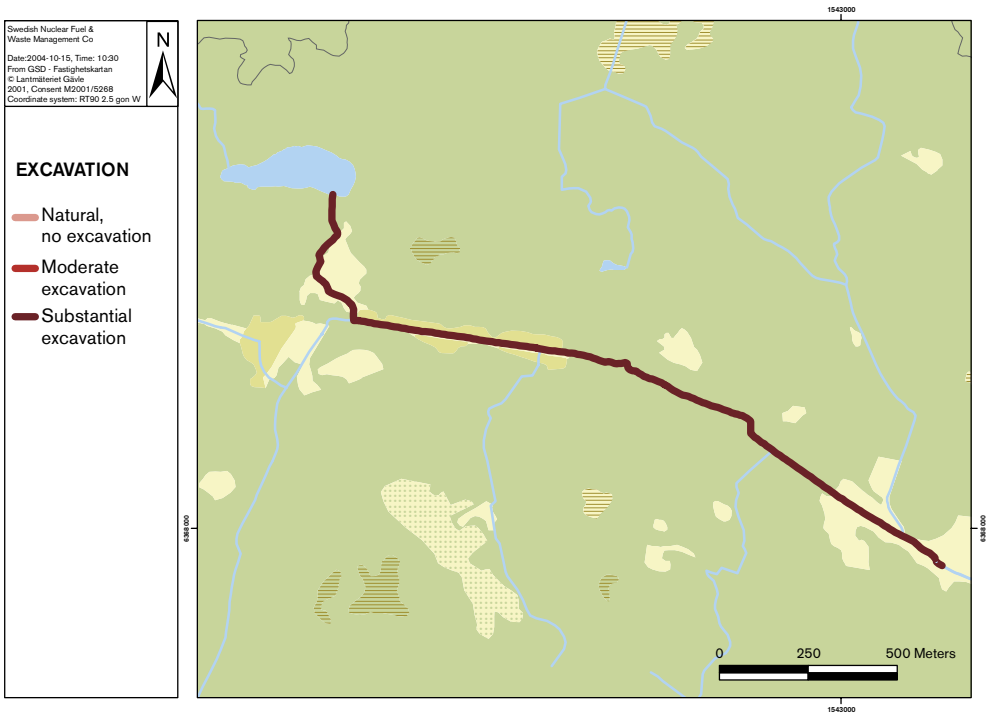

Figure 3-30. *The extent of excavations in the upstream investigated part of the stream Laxemarån in the catchment Simpevarp 10.*

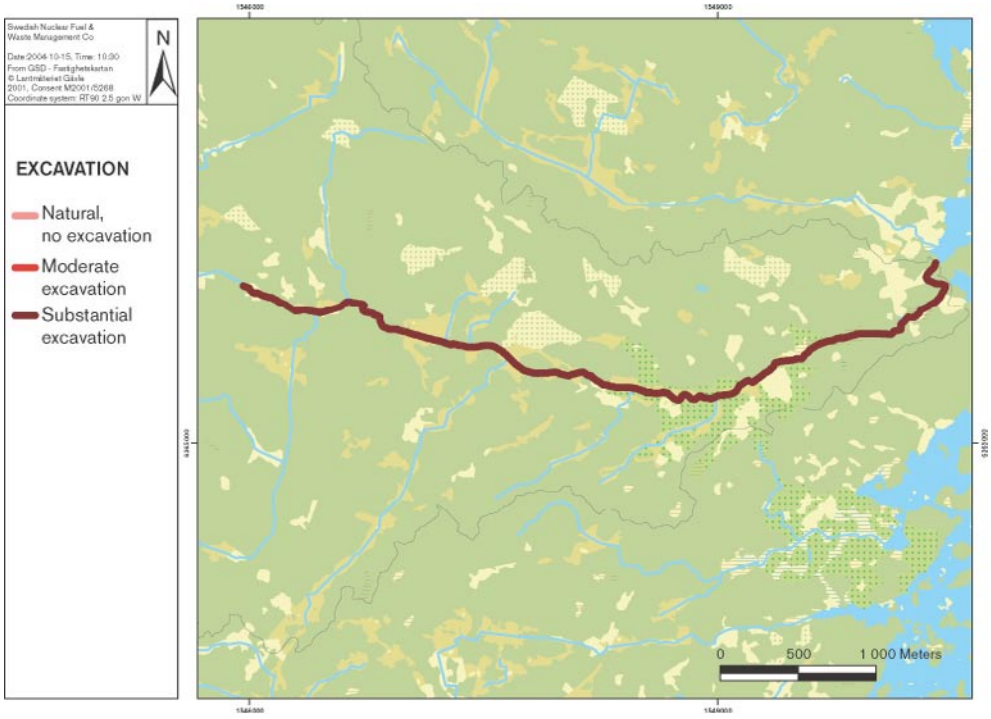

Figure 3-31. *The extent of excavations in the downstream investigated part of the stream Laxemarån in the catchment Simpevarp 10.*

Additional remarks

Stretches where the conditions were suitable for electro-fishing were found at six sites (Figure 3-32). However, some of these stretches are situated far from any road, and therefore difficult to reach with all equipment needed for this work.

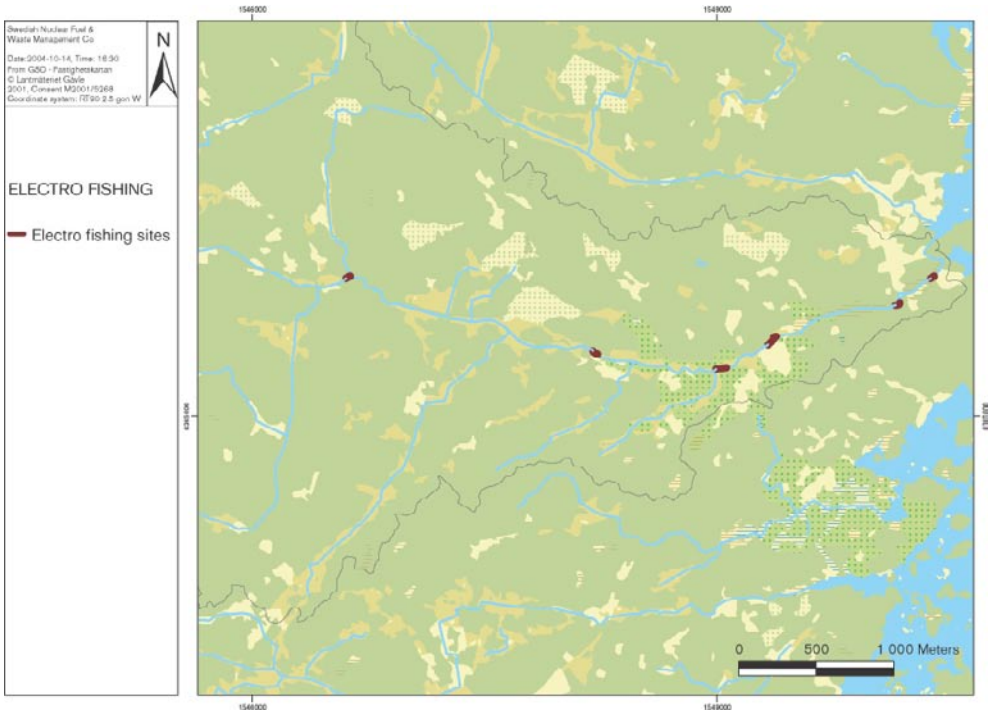

Figure 3-32. *The stretches of the stream Laxemarån where electro-fishing could be performed.*

3.5 The stream “Vadvikebäcken” in catchment Simpevarp 23

The object and its location

The stream “Vadvikebäcken” is part of the SMHI catchment no 72/73. It is located on the island Ävrö and enters the Baltic Sea in Vadvikarna. The stream has one tributary, which is too small to be included in the Swedish yellow map (fastighetskartan, Figure 3-33).

Topographic map: 6 G SO Vimmerby

Outlet coordinates: 1553544, 6367447

Catchment area: 0.307 km^2

Length of investigated stream: 1.000 km (= total length)

The entire length of the stream was surrounded by forest, some parts with dense spruce-forest resulting in more than 95% shading of the channel. The investigated main channel originates from a ditch on the south side of a small road, which drains through a pipe under the road.

Morphology and environment

The stream was dominated by dry sections (57% of the length, Figure 3-34). Where water was present, it was calm and slowly flowing (< 0.2 m/s).

The shading was often dense (> 50%), especially in the upstream half of the stream (Figure 3-35).

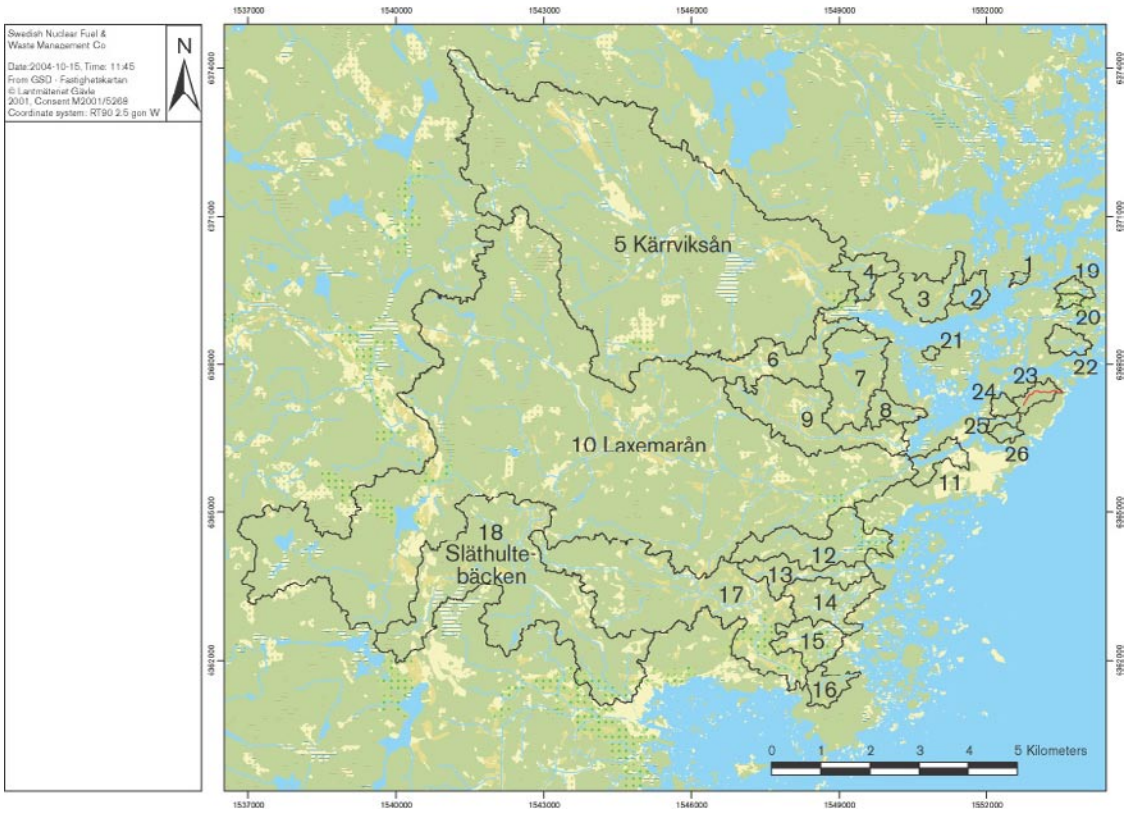

Figure 3-33. *The stream “Vadvikebäcken”, in catchment Simpevarp 23, with the investigated part marked in red.*

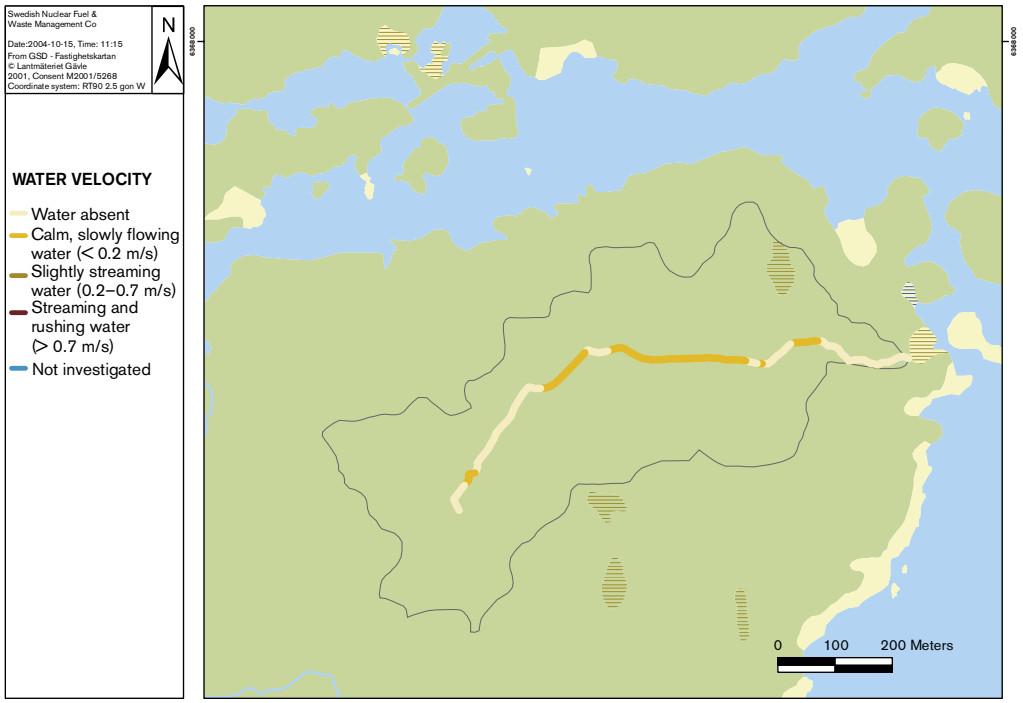

Figure 3-34. *Water velocity in the stream "Vadvikebäcken", catchment Simpevarp 23.*

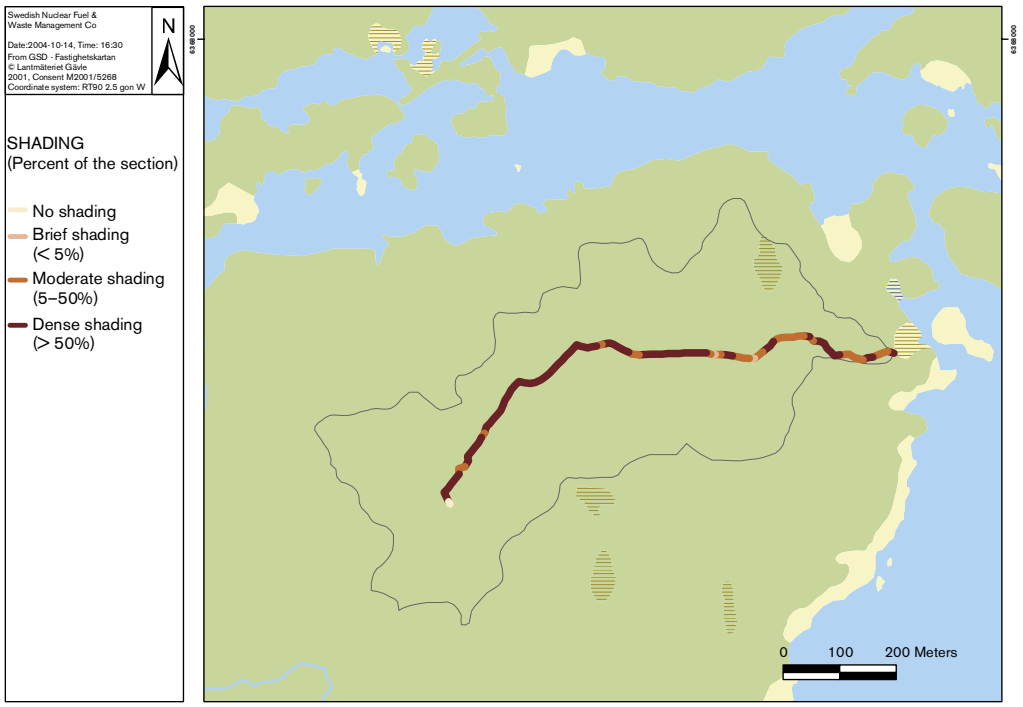

Figure 3-35. *Shading of the stream "Vadvikebäcken", catchment Simpevarp 23.*

Bottom substrate

The stream “Vadvikebäcken” was almost totally dominated by clay as bottom substrate (Figure 3-36). Sand and cobbles dominated some of the most downstream sections.

Vegetation

The sections where water was present in this stream was often lacking vegetation because of the dense shading of the channel (Figure 3-37). Only in two 10 m-sections the vegetation was growing intense (75–100%). *Equisetum fluviatile* (Water Horsetail, Sjöfräken) and *Lysimachia thyrsiflora* (Tufted Loosestrife, Topplösa) was among the dominating species.

Technical encroachments

The channel was substantially excavated through the entire length (Figure 3-38).

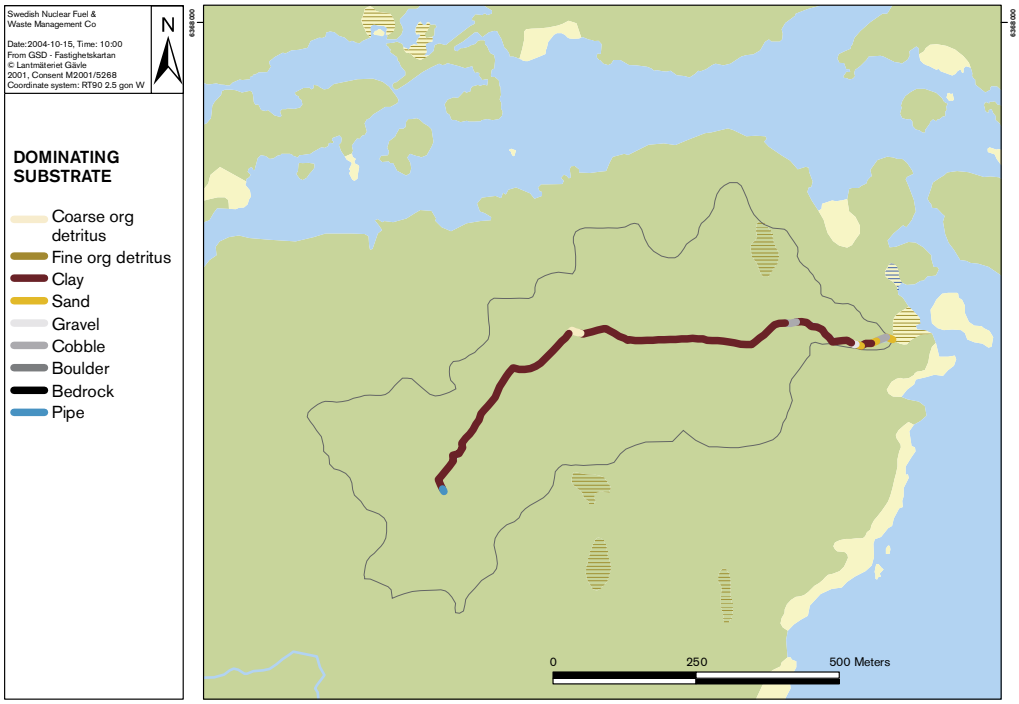

Figure 3-36. *Dominating bottom substrate of the stream “Vadvikebäcken” in catchment Simpevarp 23.*

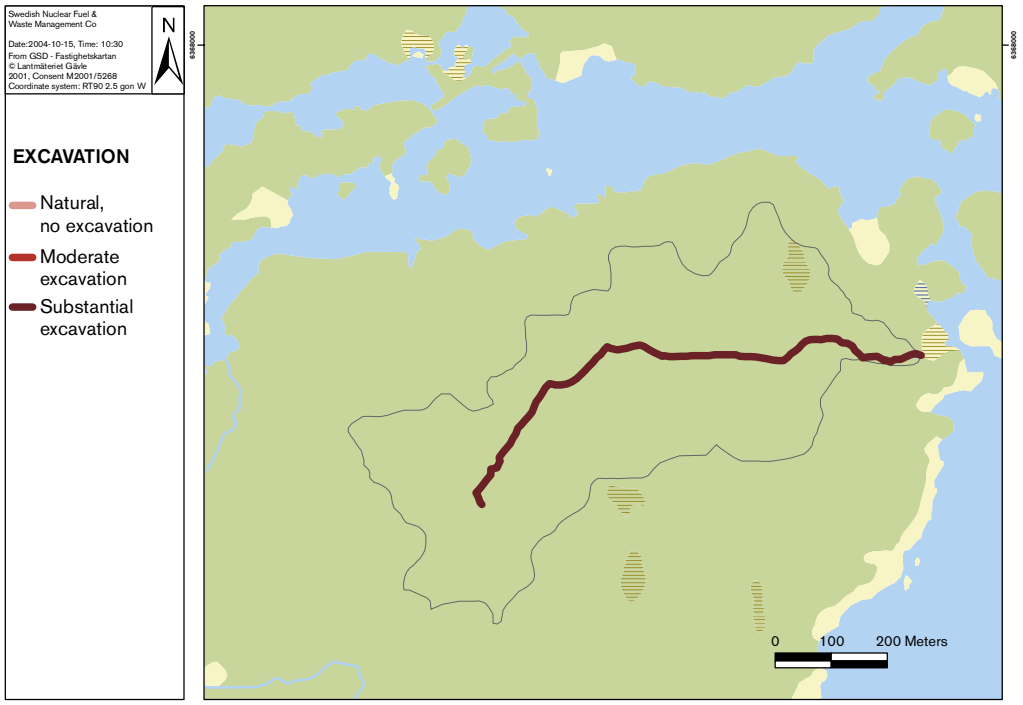

Figure 3-37. *Vegetation in the stream "Vadvikebäcken", catchment Simpevarp 23.*

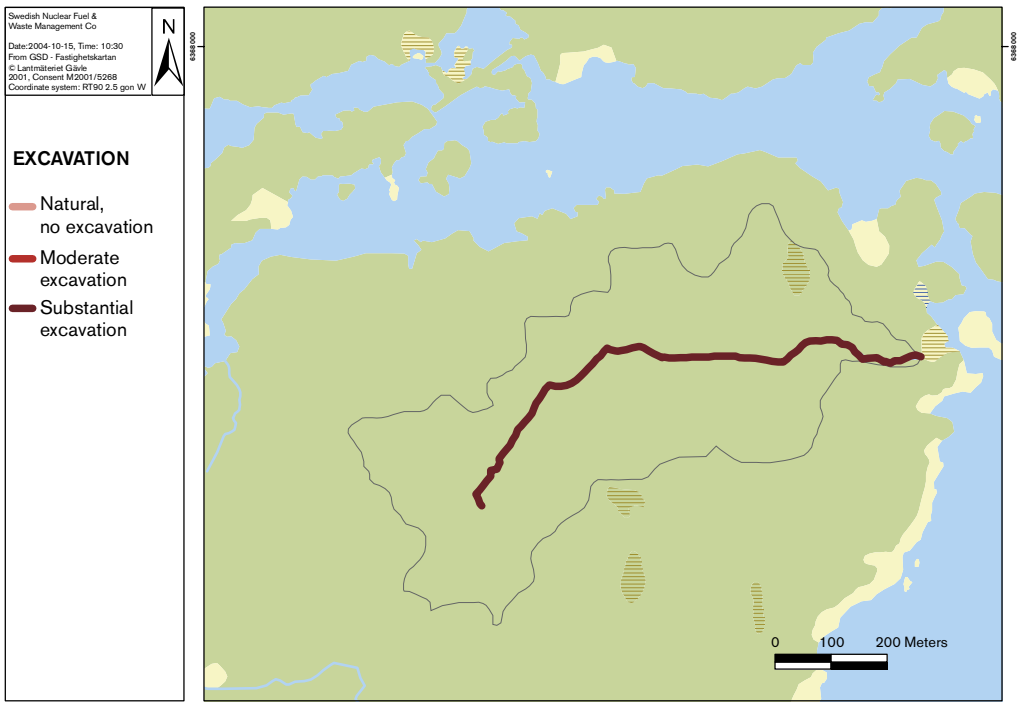

Figure 3-38. *The extent of excavations in the stream "Vadvikebäcken" in the catchment Simpevarp 23.*

3.6 The stream “Lindströmmebäcken” in catchment Simpevarp 24

The object and its location

The stream “Lindströmmebäcken” is part of the SMHI catchment no 72/73, and enters the Baltic Sea in Lindströmmen. The only tributary is too small to be included in the Swedish yellow map (fastighetskartan, Figure 3-39).

Topographic map: 6 G SO Vimmerby

Outlet coordinates: 1552306, 6367440

Catchment area: 0.192 km^2

Length of investigated stream: 0.260 km (= total length)

This is the shortest stream investigated in the Simpevarp area (0.260 km). The surrounding terrestrial vegetation consisted of mixed forest through the entire stream length, and a major part of the sections was flowing through a ravine with a depth of 1–2 m.

Morphology and environment

From the source to the outlet the channel was totally dry (Figure 3-40).

The channel was alternately shaded with moderate (5–50%) or dense (> 50%) shading, apart from one single section with brief shading (< 5%) in the downstream part of the stream (Figure 3-41).

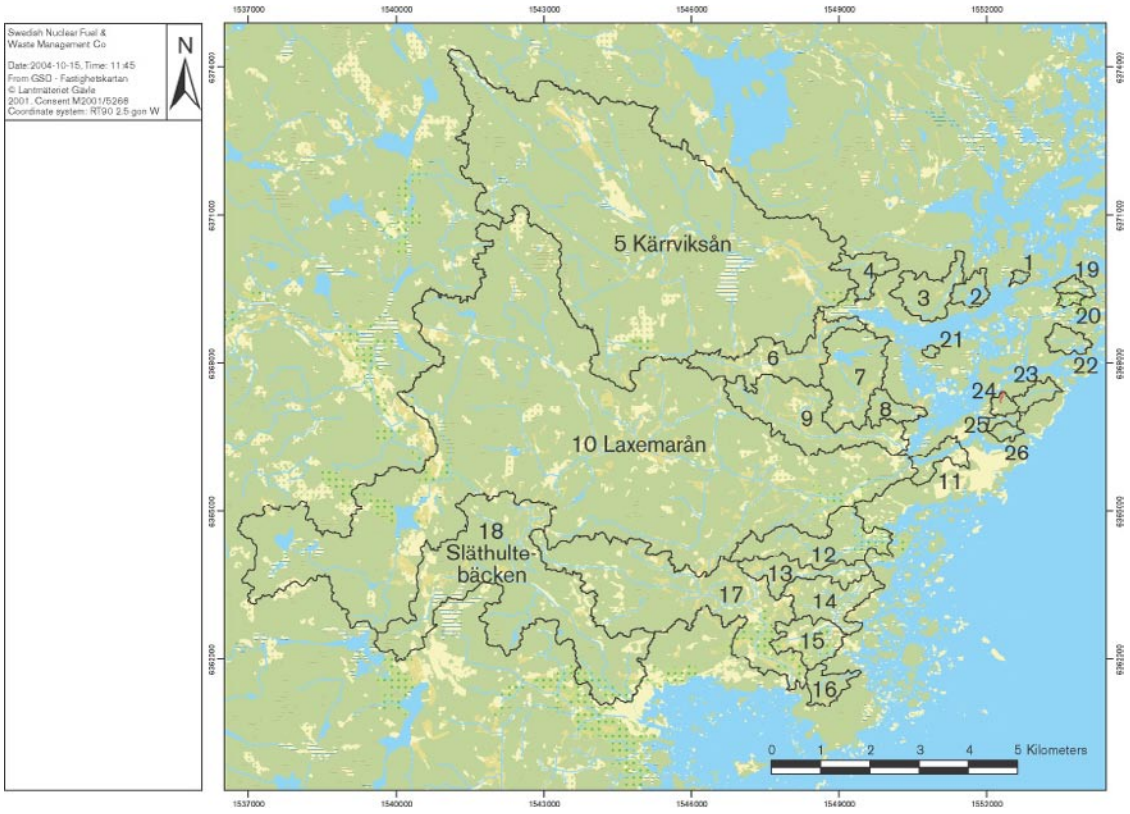

Figure 3-39. *The stream ”Lindströmmebäcken” in catchment Simpevarp 24, with the investigated part marked in red.*

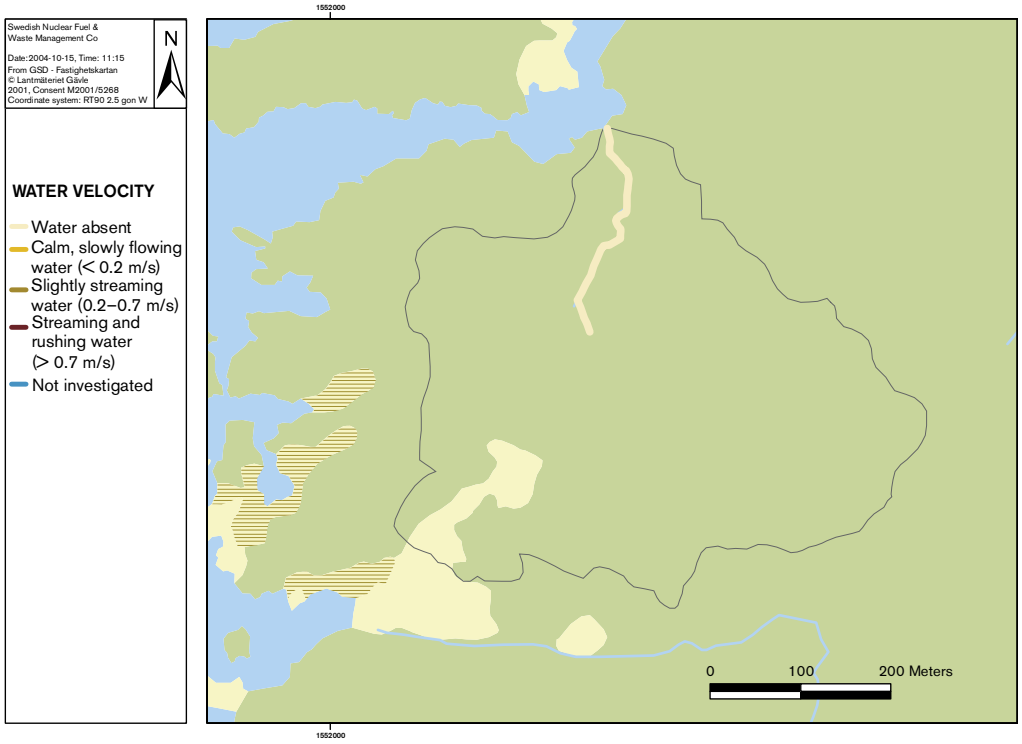

Figure 3-40. *Water velocity in the stream "Lindströmmebäcken", catchment Simpevarp 24.*

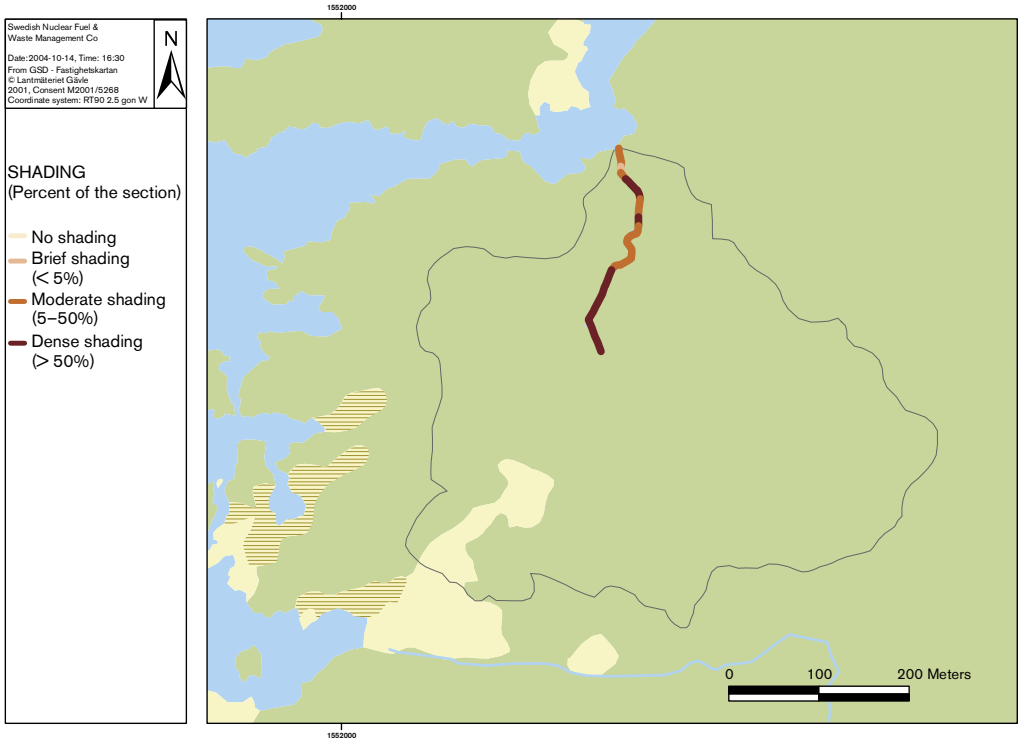

Figure 3-41. *Shading of the stream "Lindströmmebäcken" in catchment Simpevarp 24.*

Bottom substrate

Large parts of the channel were dominated by clay (Figure 3-42). Boulder, cobble and coarse organic detritus were also represented as dominating bottom substrate in some sections.

Vegetation

The aquatic vegetation could not be investigated since the entire channel was dry (Figure 3-43).

Technical encroachments

The largest parts of this channel were substantially excavated (Figure 3-44). However, a length of 80 meters in the central part was moderately excavated.

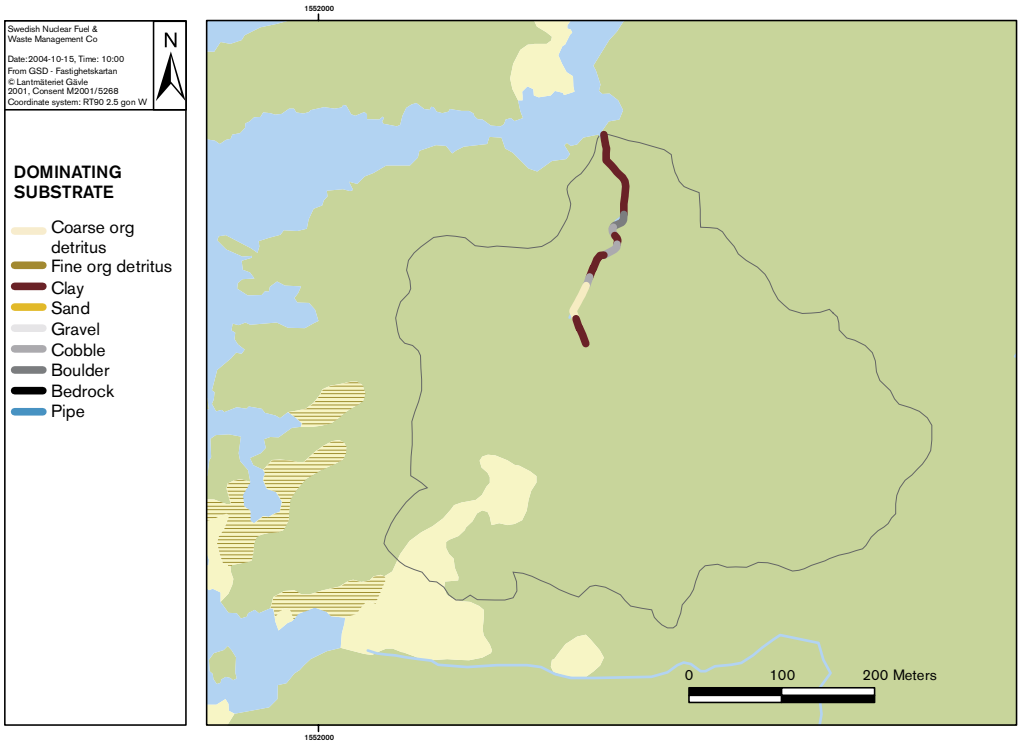

Figure 3-42. *Dominating bottom substrate of the stream "Lindströmmebäcken", catchment Simpevarp 24.*

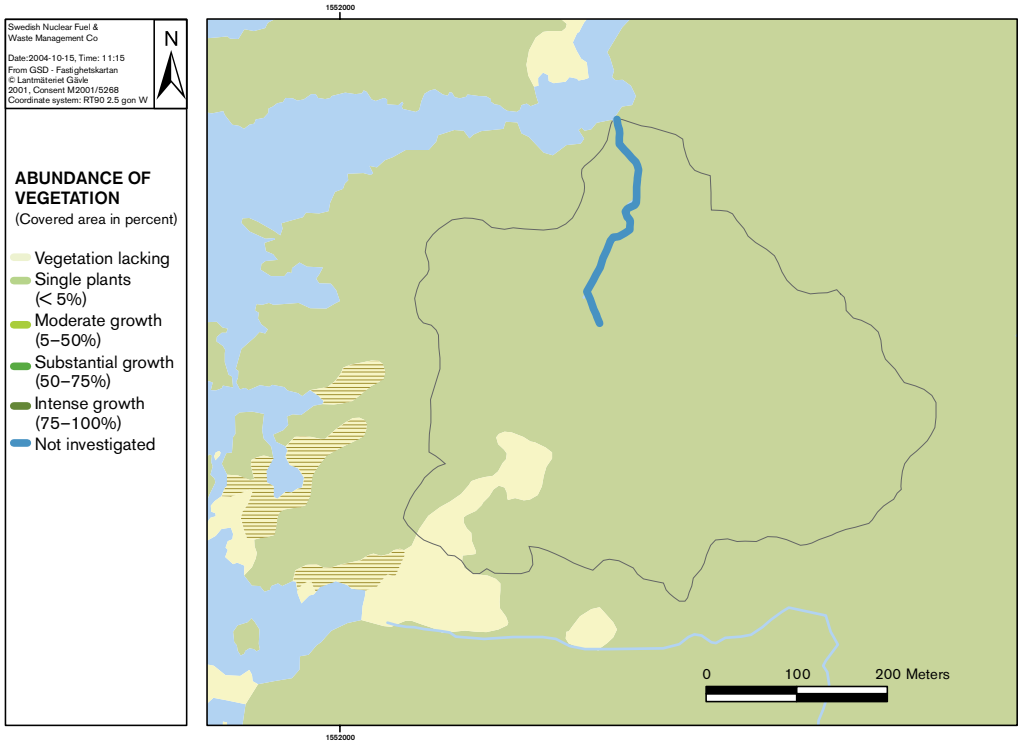

Figure 3-43. *Vegetation in the stream "Lindströmmebäcken", in the catchment Simpevarp 24.*

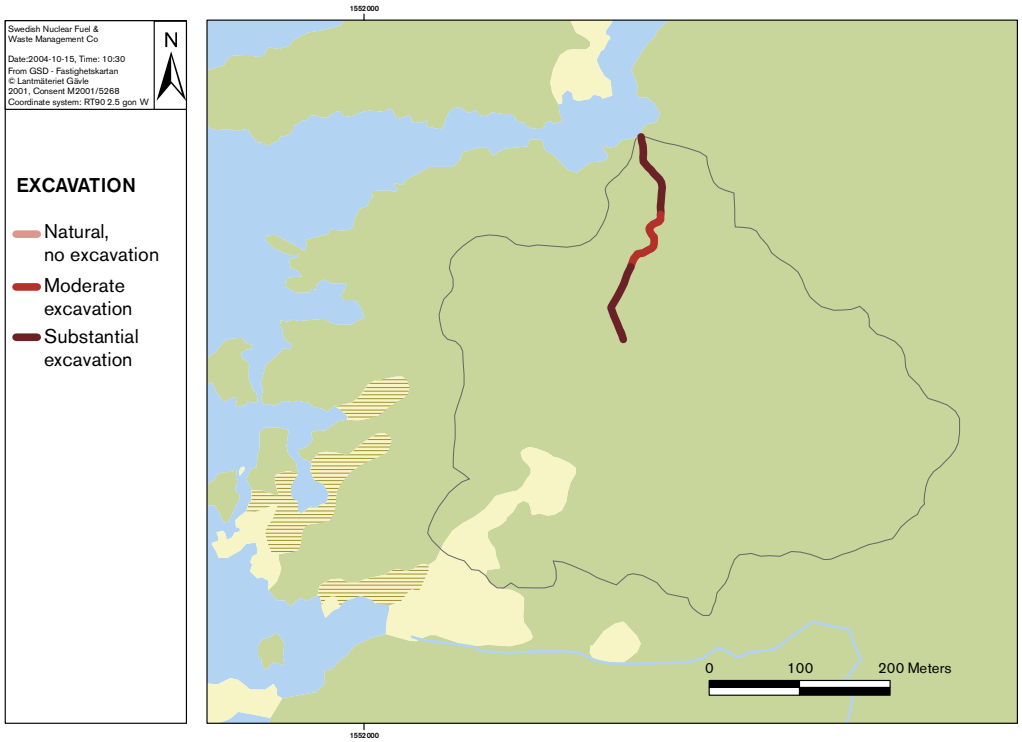

Figure 3-44. *The extent of excavations in the stream "Lindströmmebäcken" in the catchment Simpevarp 24.*

3.7 The stream “Gloebäcken” in catchment Simpevarp 25

The object and its location

The stream “Gloebäcken” is part of the SMHI catchment no 72/73, and is situated on the island Ävrö. It enters the Baltic Sea in Gloet, Båtstadsfjärden. The single tributary to the stream is too small to be included in the Swedish yellow map (fastighetskartan, Figure 3-45).

Topographic map: 6 G SO Vimmerby

Outlet coordinates: 1552054, 6366895

Catchment area: 0.131 km^2

Length of investigated stream: 0.670 km (= total length)

Forest was dominating the close surroundings along the entire stream length. Large parts were substantially excavated, where the water was running through a ravine with a depth of 1–2 m. Almost all sections of this stream were dry. The channel originates in the upstream areas as a man-made ditch, starting directly below some bedrock. At a distance of 120 m from the sea was a hydrological measuring station situated.

Morphology and environment

Almost the entire stream “Gloebäcken” was dry (Figure 3-46). In the three sections where water was present, the water velocity was very low, < 0.2 m/s.

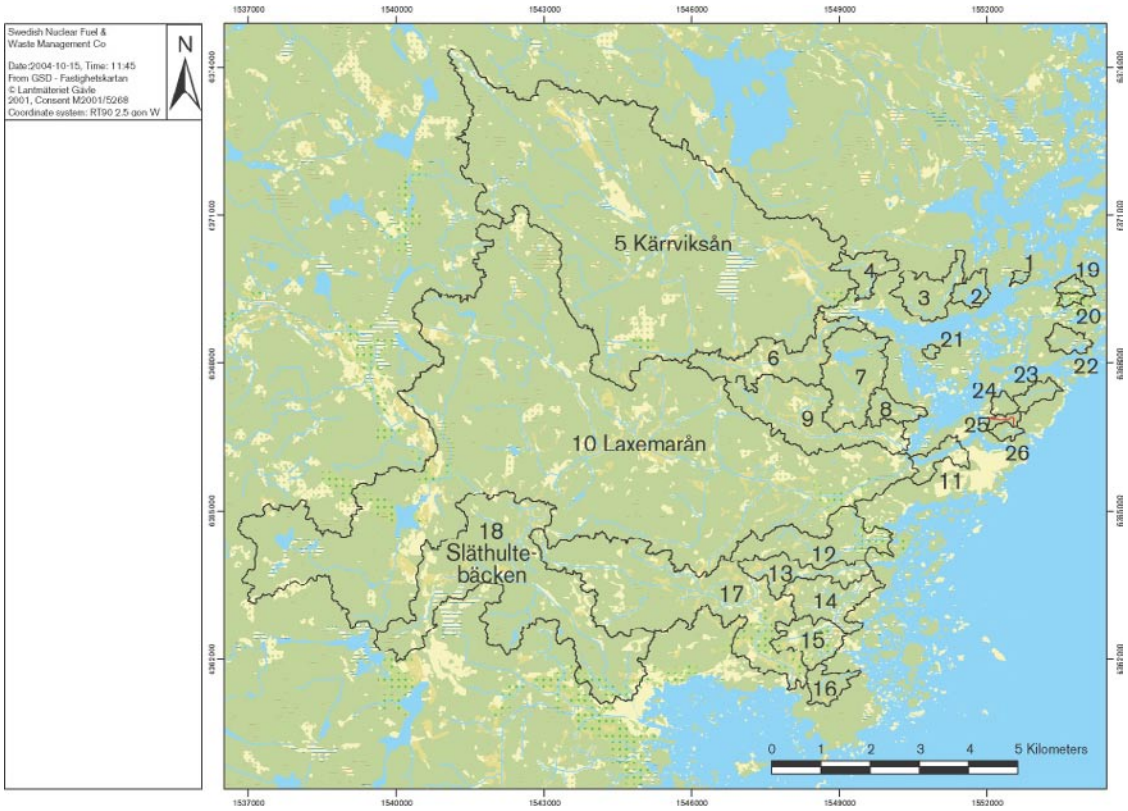

Figure 3-45. *The stream “Gloebäcken” in catchment Simpevarp 25, with the investigated part marked in red.*

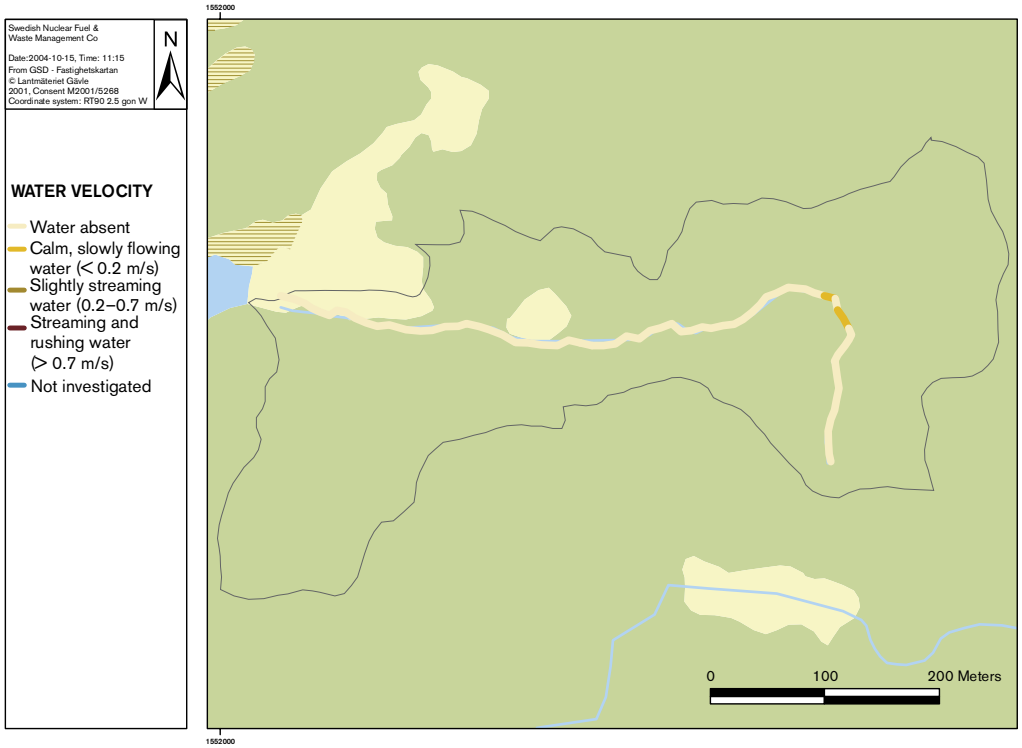

Figure 3-46. *Water velocity in the stream "Gloebäcken", catchment Simpevarp 25.*

The major part of the channel was densely shaded (> 50%, Figure 3-47). However, through some shorter stretches in the upper part, and close to the sea, sections with moderate (5–50%) and brief (< 5%) shading were found.

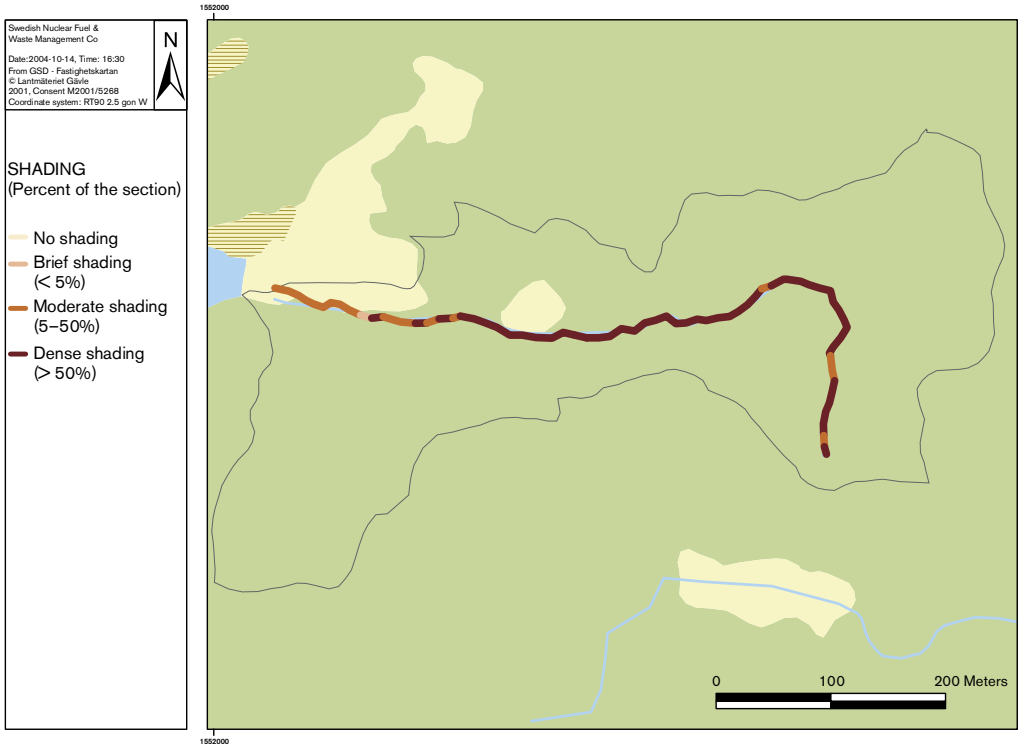

Figure 3-47. *Shading of the stream "Gloebäcken" in catchment Simpevarp 25.*

Bottom substrate

Four of the eight bottom substrate classes were dominating in this stream: coarse organic detritus, clay, sand and boulder (Figure 3-48). Of these, coarse organic detritus and clay were most frequently dominating.

Vegetation

Almost the entire stream was dry, and thus not investigated for aquatic vegetation (Figure 3-49). In one of the three 10 m-sections where water was present, vegetation was lacking, the other two had a moderate or substantial growth. Dominating species were *Typha latifolia* (Bulrush, Bredkaveldun) and *Fontinalis antipyretica* (Common water moss, Stor näckmossa).

Technical encroachments

The largest part of the stream "Gloebäcken" was substantially excavated (Figure 3-50). The most downstream investigated part free from excavations. This part, approx 70 m long, was draining through some dry wetland.

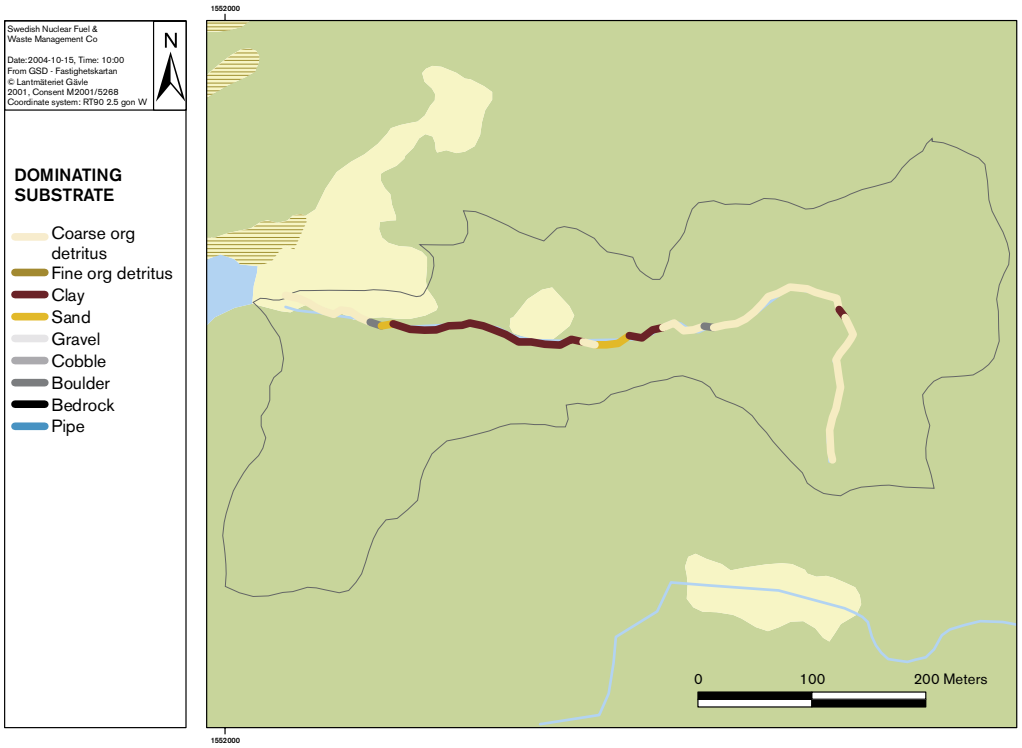

Figure 3-48. *Dominating bottom substrate of the stream "Gloebäcken", catchment Simpevarp 25.*

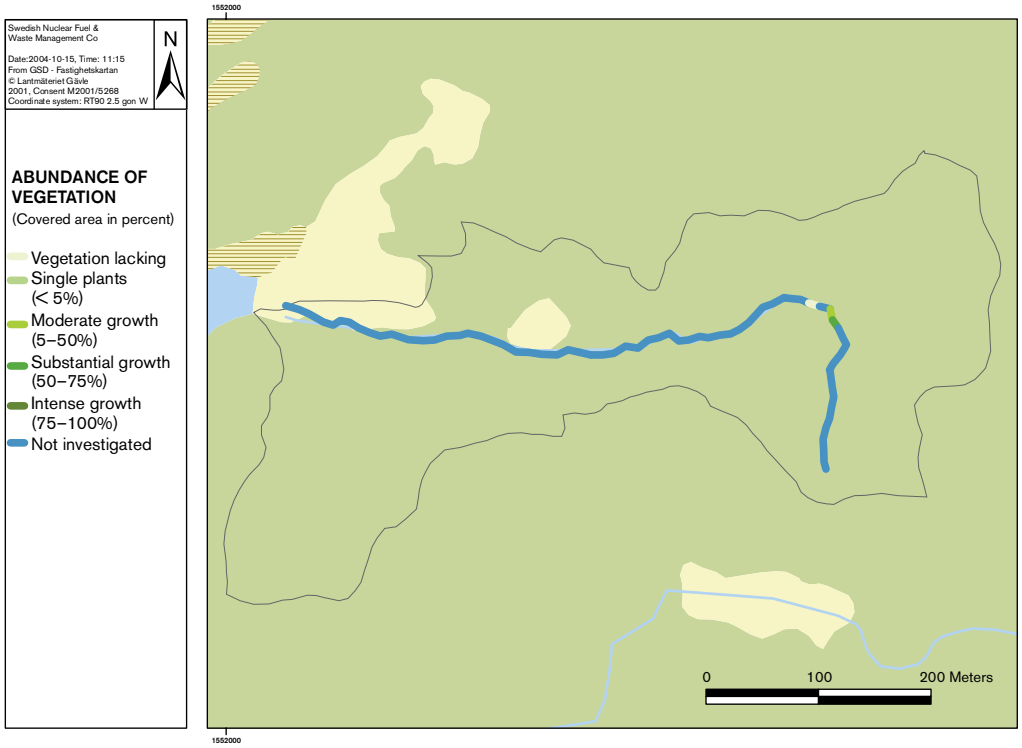

Figure 3-49. *Vegetation in the stream "Gloebäcken", catchment Simpevarp 25.*

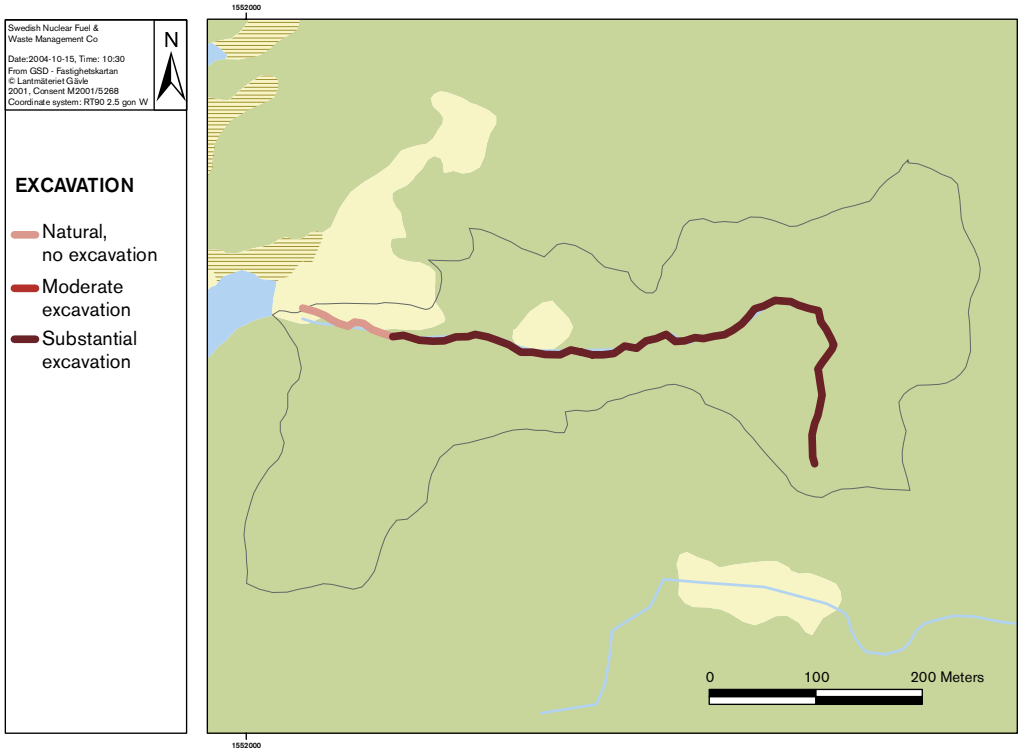

Figure 3-50. *The extent of excavations in the stream "Gloebäcken", catchment Simpevarp 25.*

3.8 The stream “Skölkebäcken” catchment Simpevarp 26

The object and its location

The stream “Skölkebäcken” is part of the SMHI catchment no 72/73, located on the island Ävrö, and enters the Baltic Sea in Skölket. The six tributaries are too small to be included in the Swedish yellow map, fastighetskartan (Figure 3-51).

Topographic map: 6 G SO Vimmerby

Outlet coordinates: 1552756, 6366594

Catchment area: 0.165 km^2

Length of investigated stream: 0.610 km (= total length)

The surroundings consisted of forest along the entire length, and the channel was in most sections dry. A hydrological measuring station was situated about 50 m upstreams from the outlet, constituting a barrier for migratory fish. Just before the outlet to the sea, the stream formed a delta with a lot of sand and tree branches.

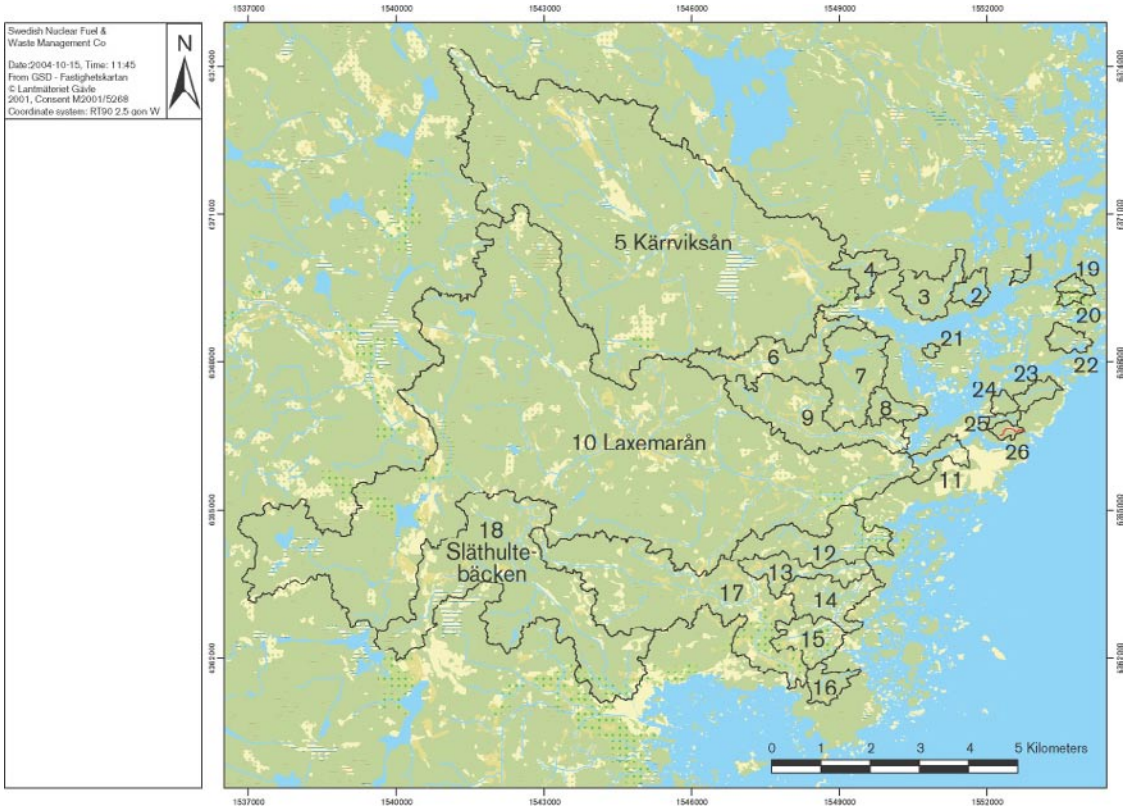

Figure 3-51. *The stream “Skölkebäcken” in catchment Simpevarp 26, with the investigated part marked in red.*

Morphology and environment

A major part of the stream was dry (Figure 3-52). In the fourteen sections where water was present, it was flowing calm and slowly (< 0.2 m/s).

In the stream "Skölkebäcken" all classes of shading were represented, from no shading up to dense shading (> 50%, Figure 3-53), and without clear patterns of distribution.

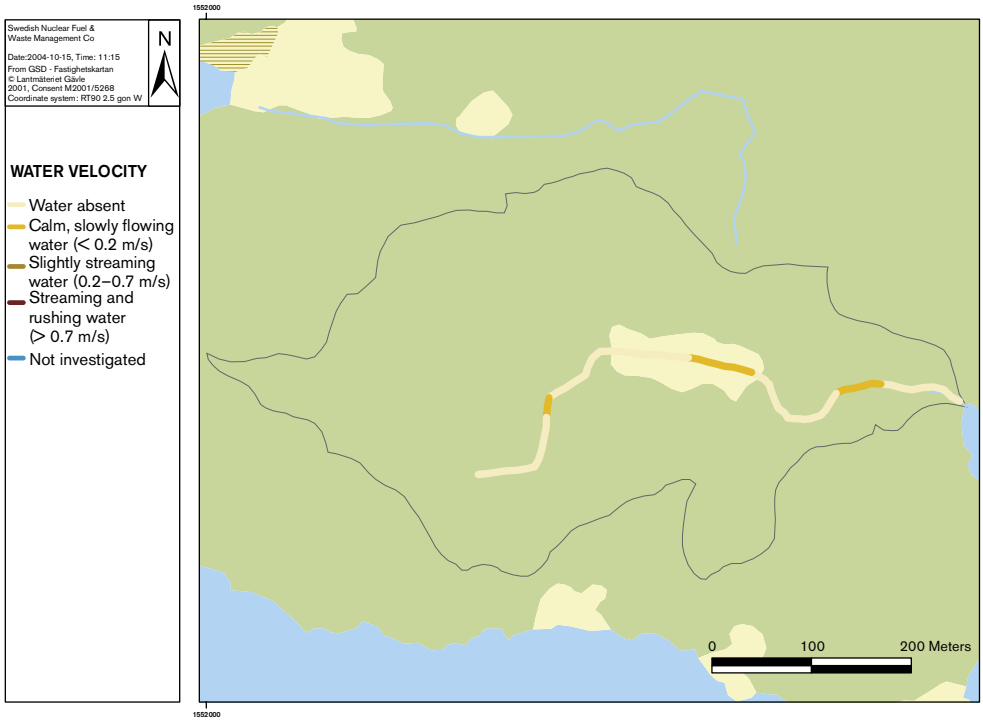

Figure 3-52. *Water velocity in the stream "Skölkebäcken", catchment Simpevarp 26.*

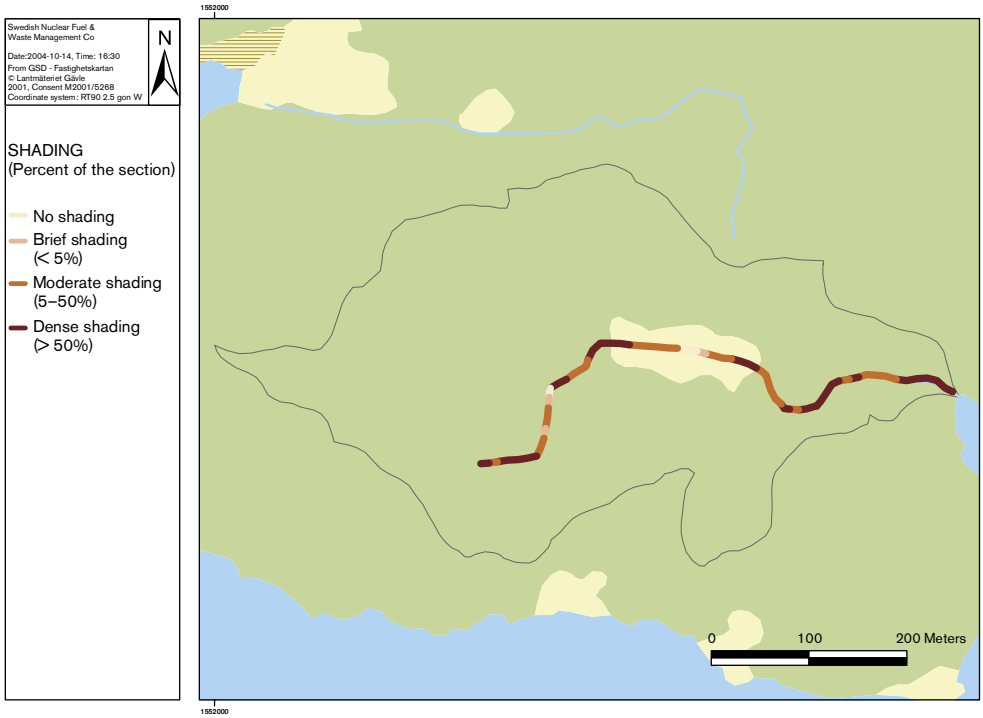

Figure 3-53. *Shading of the stream "Skölkebäcken" in catchment Simpevarp 26.*

Bottom substrate

Clay was the most abundant dominating bottom substrate in the stream (Figure 3-54). Other dominating bottom substrates were coarse organic detritus, sand and cobble.

Vegetation

The dominating length of the stream was dry, and therefore not investigated regarding aquatic vegetation (Figure 3-55). In the upstream parts, sections with substantial (50–75%) and intense (75–100%) growth were found. In the most downstream part, on the other hand, vegetation was sparse, either completely lacking or with single plants growing (< 5%). The dominating species were often *Typha latifolia* (Bulrush, Bredkaveldun) and *Sparganium sp.* (Bur-reed, igelknopp).

Technical encroachments

Almost the entire length of the channel was substantially excavated (Figure 3-56). Only one single section was moderately excavated, where the water ran through some bedrock and a ravine with a depth of 1.4 m.

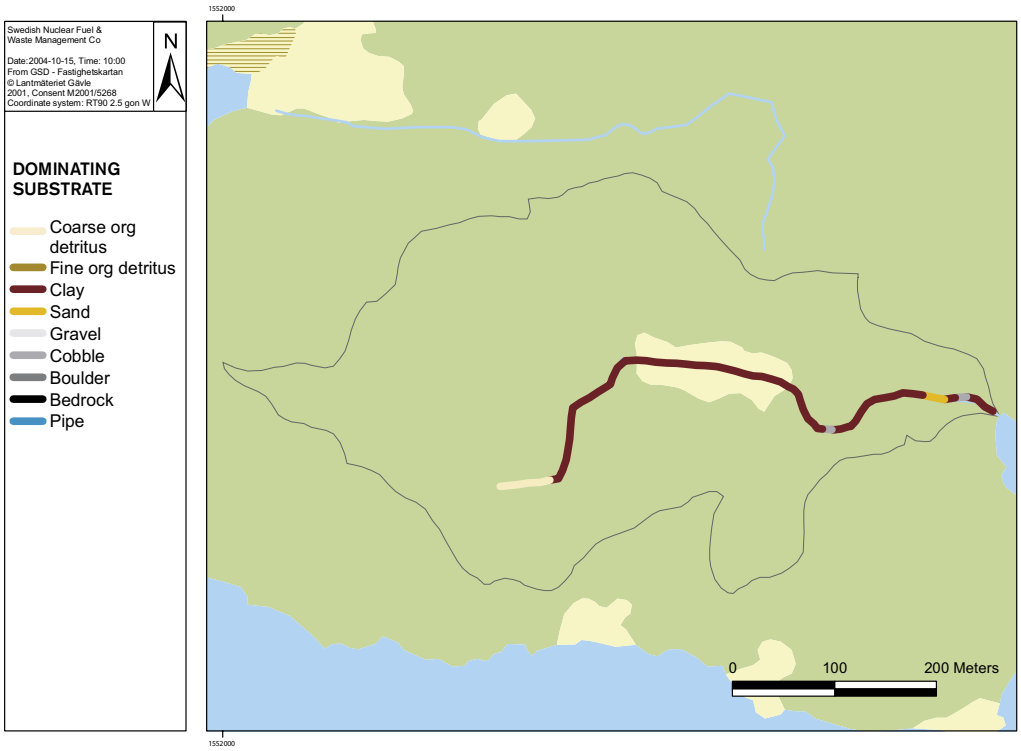

Figure 3-54. *Dominating bottom substrate of the stream "Skölkebäcken", catchment Simpevarp 26.*

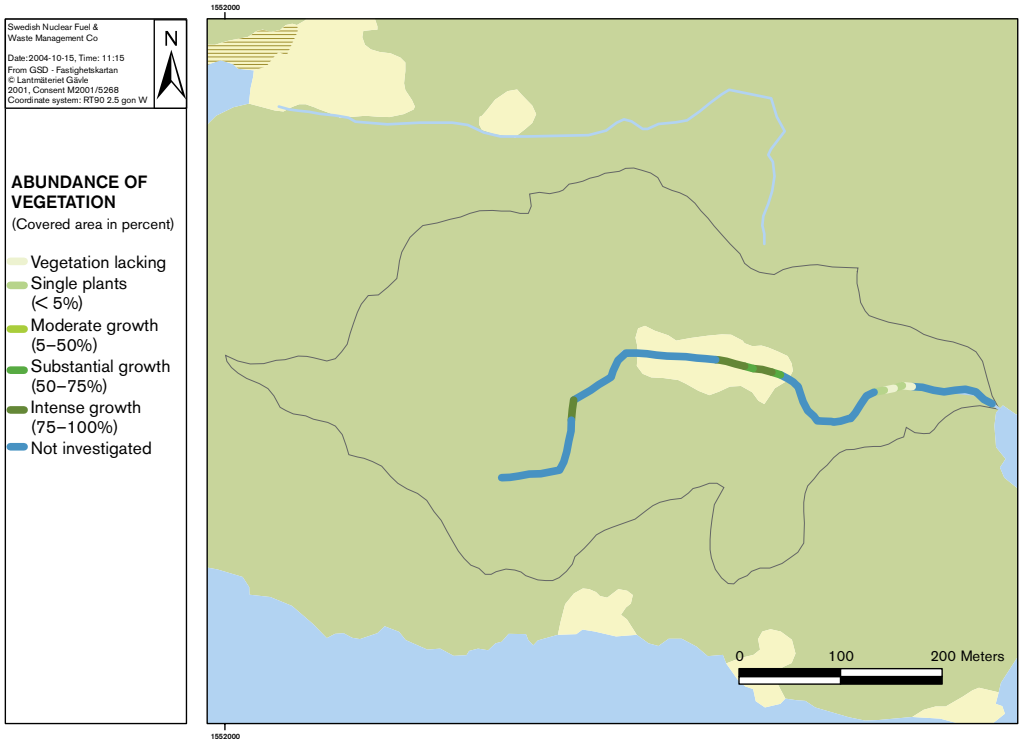

Figure 3-55. *Vegetation in the stream "Skölkebäcken", in the catchment Simpevarp 26.*

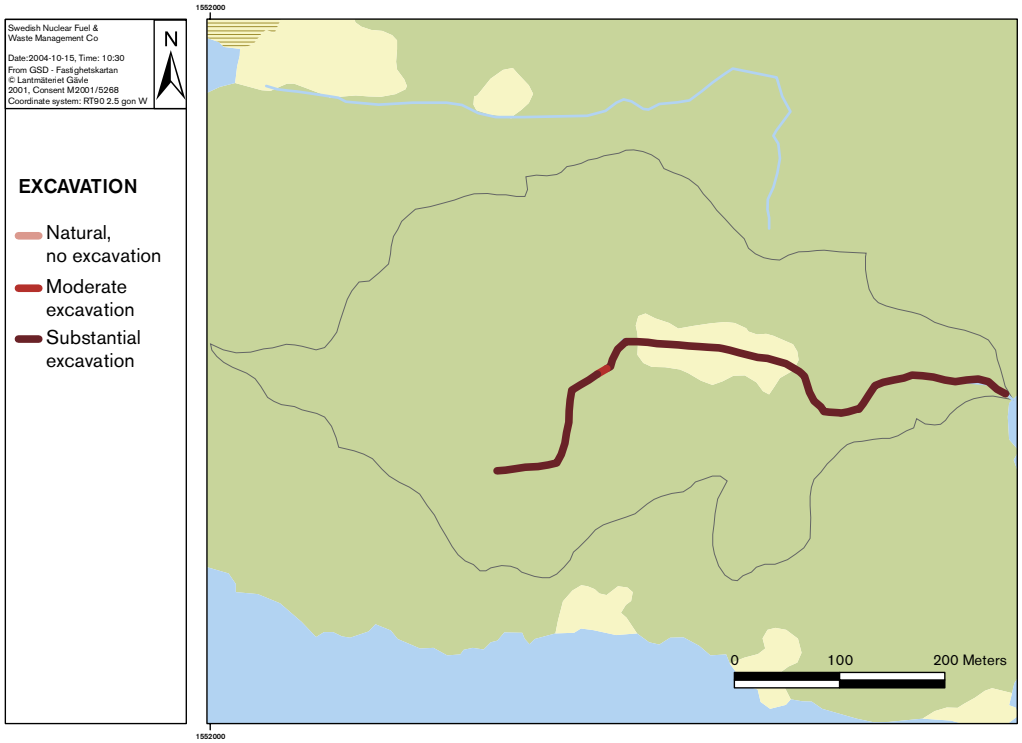

Figure 3-56. *The extent of excavations in the stream "Skölkebäcken" in the catchment Simpevarp 26.*

4 Discussion

The streams in this investigation are small, several of them with a length shorter than 1,000 meters (Table 4-1). The shortest stream had a length of only 260 meters. The entire main channels were investigated in the eight catchments, except for the one in Stream Laxemarån. Despite this, the investigated length of Stream Laxemarån is much longer than the others.

Table 4-1. Number of sections and the lengths of the investigated parts of the streams in the Simpevarp area.

Stream	Number of sections	Length [m]
Catchment 6: “Mederhultsån”	402	3,950
Catchment 7: “Kåreviksån”	258	2,530
Catchment 9: “Ekerumsån”	399	3,920
Catchment 10: Laxemarån	791	7,710
Catchment 23: “Vadvikebäcken”	102	1,000
Catchment 24: “Lindströmmebäcken”	27	260
Catchment 25: “Gloebäcken”	66	670
Catchment 26: “Skölkebäcken”	62	610
Total	2,107	20,650

In as much as 72% of the investigated sections the water was calm or slowly flowing (< 0.2 m/s). No streaming and rushing waters (> 0.7 m/s) were found, and only 4% of the sections had slightly streaming water (0.2–0.7 m/s), of which most was located in Stream Laxemarån. This reflects that the investigation was performed in late summer during minimum water flow.

As much as 18% of the investigated length was dry in August 2004 when the characterizations of the streams were done. Regarding depth it is obvious that the streams are small, since 42% of the sections were shallower than 0.1 m. The only stream that not had any dry sections in the main channel was Stream Laxemarån, draining the largest catchment. Stream Laxemarån also had the greatest width and depth of the investigated streams. Stream “Lindströmmebäcken” was the only stream that was dry in its entire length. A complementary investigation during high flow (early spring) would add information regarding the seasonal variation in the streams.

The most frequently dominating bottom substrate was in all eight streams the classes with the smallest particle size, clay and fine organic detritus. Cobbles, sand and boulders were other classes that were dominating several sections of the channels.

The abundance of vegetation fluctuated throughout the streams and was coupled to the amount of shading. The streams on the island Ävrö, in catchment 23, 24, 25 and 26, were mostly dry, thus data on aquatic vegetation are lacking. Intense growth of vegetation was found throughout most sections in Stream “Mederhultsån”, Stream “Ekerumsån” and Stream Laxemarån.

The streams are to a great extent influenced by human activities, altering the channel by various technical encroachments (Table 4-2). In 8% of all investigated sections the water was flowing under bridges or through underground pipes. The channels are also substantially excavated in as much as 94% of the investigated length. Stream “Ekerumsån” in catchment 9, is the most extreme example of physical damage, with the water flowing through a lot of pipes, under a barn and even cut-off in a few sections.

Table 4-2. Some technical encroachments in the investigated parts of the streams in the Simpevarp area.

Technical encroachments	Number of sections	% of total
Bridge or pipe	170	8
Substantially excavated	1,986	94
Total	2,107	100

Altogether, large amounts of data from eight catchments have been collected in this investigation, covering many different aspects of the river ecosystems. The data available so far regarding the streams within the Simpevarp area are available from this report, as well as from the SKB local geographical information system of the area. Together with other investigations within the area, e.g. of water chemistry, hydrology etc, this gives excellent opportunities for further evaluation of the material, within an integrated ecosystem/catchment perspective.

5 References

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Appendix 1

Morphometry, environment and substrate parameters of streams in the Simpevarp area

For classifications of the different parameters, see Methods.

Sect no	Date	X	Y	Dom substr	Coarse org detr	Fine org detr	Clay	Sand	Gravel	Cobble	Boulder	Bedrock	Depth	Width	Velocity	Shading	Dry sect
6_1	040824			fine org detr	2	3							0.1	0.5	1	2	
6_2	040824			fine org detr	2	3							0.1	0.5	1	3	
6_3	040824	1549380	6368919	fine org detr	2	3							0.1	0.5	1	3	
6_4	040824	1549371	6368920	fine org detr	2	3							0.1	0.8	1	3	
6_5	040824	1549361	6368917	fine org detr	2	3							0.1	0.8	1	2	
6_6	040824	1549352	6368911	fine org detr	2	3							0.1	0.8	1	3	
6_7	040824	1549347	6368906	fine org detr	2	3										3	x
6_8	040824	1549341	6368899	fine org detr	2	3							0.1	0.6	1	3	
6_9	040824	1549329	6368896	sand	2	1		3					0.1	0.6	1	3	
6_10	040824	1549322	6368901	fine org detr	2	3		1					0.1	0.6	1	3	
6_11	040824	1549310	6368900	fine org detr	2	3							0.2	0.8	1	3	
6_12	040824	1549305	6368896	fine org detr	2	3							0.1	0.6	1	2	
6_13	040824	1549295	6368895	fine org detr	2	3							0.1	0.5	2	2	
6_14	040824	1549287	6368889	fine org detr	2	3							0.1	0.5	1	2	
6_15	040824	1549277	6368888	fine org detr	2	3							0.1	0.4	2	2	
6_16	040824	1549266	6368888	fine org detr	2	3							0.1	0.5	1	2	
6_17	040824	1549257	6368885	gravel				2	2	2			0.1	0.5	1	2	
6_18	040824	1549250	6368879	cobble	2			2	2	3			0.1	0.4	2	3	
6_19	040824	1549241	6368876	gravel	2	2			2	2			0.1	0.5	2	3	
6_20	040824	1549230	6368874	cobble	2	2			2	3			0.1	0.4	2	3	
6_21	040824	1549221	6368871	bedrock		1			2	2		3	0.1	0.5	1	2	
6_22	040824	1549213	6368867	cobble		2			2	3			0.1	0.4	1	2	
6_23	040824	1549204	6368867	fine org detr		3				1		1	0.1	0.2	4	3	
6_24	040824	1549207	6368855	fine org detr	2	3						1	0.1	0.5	1	2	
6_25	040824	1549208	6368845	fine org detr		3				1	1	1	0.1	0.5	1	2	
6_26	040824	1549206	6368836	bedrock		2				2		3	0.1	0.8	2	2	

6_27	040824	1549196	6368831	bedrock		1				1			3	0.1	0.4	1	1
6_28	040824	1549192	6368823	fine org detr		3								0.2	1.5	1	2
6_29	040824	1549186	6368814	fine org detr		2		2	2					0.2	1.5	1	2
6_30	040824	1549178	6368808	fine org detr		2		2	2					0.1	1.5	1	2
6_31	040824	1549167	6368804	fine org detr		3								0.3	1.5	1	2
6_32	040824	1549159	6368800	fine org detr		3								0.3	1.5	1	2
6_33	040824	1549151	6368796	clay		2	3	2						0.3	2.3	1	2
6_34	040825			clay		2	3	2						0.3	2.3	1	2
6_35	040824	1549134	6368787	clay		2	3	2						0.3	2.5	1	2
6_36	040824	1549124	6368780	clay		2	3	2						0.3	2.5	1	2
6_37	040824	1549113	6368780	clay		2	3	2						0.3	2.5	1	2
6_38	040824	1549104	6368782	clay		2	3	2						0.3	2.5	1	2
6_39	040824	1549094	6368783	bedrock		2							3	0.3	2.5	1	2
6_40	040824	1549084	6368783	clay		2	2							0.3	2.5	1	2
6_41	040824	1549074	6368781	clay			3							0.3	2.5	1	2
6_42	040824	1549064	6368781													1	2
6_43	040824	1549055	6368778	clay			3							0.3	2.0	1	2
6_44	040824	1549044	6368779	clay			2		2	2			1	0.3	1.3	1	2
6_45	040824	1549034	6368780	bedrock			2		2	2			2	0.3	1.2	1	2
6_46	040824	1549025	6368778	bedrock			2			2			2	0.3	1.0	1	2
6_47	040824	1549017	6368777	clay			2				1		1	0.3	1.0	1	2
6_48	040824	1549007	6368774	clay			2				1			0.3	1.0	1	3
6_49	040824	1548996	6368773	clay		1	3							0.2	2.0	1	3
6_50	040824	1548988	6368769	clay		1	3							0.2	1.6	1	3
6_51	040824	1548977	6368770	clay			3	2						0.2	2.0	1	3
6_52	040824			clay			3	2						0.2	2.0	1	3
6_53	040824			gravel			2	2	2					0.2	2.0	1	3
6_54	040824	1548948	6368762	gravel			1	2	3					0.2	2.0	1	3
6_55	040824			gravel	2		1	2	2					0.2	2.0	1	3
6_56	040825			gravel	2		1	2	2					0.2	2.0	1	3
6_57	040824			gravel			1	2	2					0.2	2.0	1	3
6_58	040824			clay			3		1				1	0.3	2.0	1	3
6_59	040824			clay			3	2						0.3	2.0	1	3
6_60	040824	1548890	6368745	clay			3	2						0.2	2.0	1	3
6_61	040824	1548881	6368744	clay			3	2						0.2	2.2	1	3
6_62	040824	1548871	6368747	fine org detr		3	2							0.2	2.0	1	3

6_63	040824	1548866	6368739	fine org detr	2	2	2	2		0.2	2.0	1	2
6_64	040824	1548861	6368733	clay	2	2	2	2		0.2	2.0	1	2
6_65	040824	1548862	6368722	fine org detr	3	2				0.2	2.0	1	2
6_66	040824	1548855	6368713	fine org detr	3	2				0.1	2.0	1	2
6_67	040824			fine org detr	3	2				0.1	2.0	1	2
6_68	040824	1548838	6368705	fine org detr	3	2				0.1	2.0	1	3
6_69	040824	1548829	6368707	fine org detr	2		2	2	2	0.1	1.7	1	3
6_70	040824	1548819	6368710	fine org detr	2		2	2	2	0.1	1.5	1	3
6_71	040824	1548810	6368710	fine org detr	2		2	2	2	0.1	1.2	1	3
6_72	040824	1548801	6368715	fine org detr	2		2	2	2	0.1	1.5	1	3
6_73	040824	1548793	6368718	fine org detr	2		2	2	2	0.1	1.5	1	3
6_74	040824	1548785	6368720	fine org detr	2		2	2	2	0.1	1.5	1	3
6_75	040824			fine org detr	2		2	2	2	0.1	1.5	1	3
6_76	040824	1548765	6368719	fine org detr	2		2	2	2	0.2	1.5	1	3
6_77	040824	1548756	6368723	fine org detr	2		2	2	2	0.2	1.8	4	2
6_78	040824	1548748	6368724							0.1	0.5	4	3
6_79	040824	1548737	6368726							0.1	0.5	4	3
6_80	040825	1548728	6368728	fine org detr	3					0.2	1.5	1	2
6_81	040825	1548719	6368731	fine org detr	3				1	0.2	1.5	1	2
6_82	040825	1548710	6368730	fine org detr	3				1	0.2	1.5	1	1
6_83	040825	1548699	6368730	fine org detr	3				1	0.2	2.0	1	1
6_84	040825	1548690	6368727	fine org detr	3				1	0.2	2.0	1	1
6_85	040825	1548686	6368718	fine org detr	3					0.2	2.0	1	2
6_86	040825	1548682	6368708	fine org detr	3					0.2	2.0	1	2
6_87	040825	1548679	6368699	fine org detr	3					0.2	2.0	1	2
6_88	040825	1548674	6368691	fine org detr	3					0.2	2.0	1	2
6_89	040825	1548672	6368681	fine org detr	3					0.2	2.0	1	3
6_90	040825	1548666	6368671	fine org detr	3					0.2	2.0	1	3
6_91	040825	1548660	6368664	fine org detr	3					0.2	2.0	1	3
6_92	040825	1548655	6368657	fine org detr	3					0.2	2.0	1	3
6_93	040825	1548650	6368648	fine org detr	3					0.2	2.0	1	3
6_94	040825	1548644	6368639	fine org detr	3					0.2	2.0	1	3
6_95	040825	1548640	6368630	fine org detr	3					0.2	2.0	1	3
6_96	040825	1548635	6368623	fine org detr	3					0.1	2.3	1	3
6_97	040825	1548629	6368615	fine org detr	3					0.1	2.3	1	3
6_98	040825	1548623	6368605	fine org detr	3					0.1	2.3	1	3

6_99	040825	1548618	6368597	fine org detr	3			0.1	2.3	1	3
6_100	040825	1548611	6368591	fine org detr	3			0.1	2.3	1	2
6_101	040825	1548606	6368581	fine org detr	3			0.1	2.3	1	2
6_102	040825	1548600	6368573	fine org detr	3			0.1	1.5	1	2
6_103	040825	1548599	6368563	fine org detr	3			0.1	1.5	1	2
6_104	040825	1548598	6368554	fine org detr	3			0.1	1.6	1	2
6_105	040825	1548597	6368545	fine org detr	3			0.1	1.6	1	2
6_106	040825	1548594	6368536	fine org detr	3			0.1	1.4	1	1
6_107	040825	1548594	6368526	fine org detr	3			0.1	1.4	1	1
6_108	040825	1548593	6368516	fine org detr	3			0.1	1.5	1	1
6_109	040825	1548592	6368506	fine org detr	3			0.1	1.5	1	0
6_110	040825	1548590	6368498	fine org detr	3			0.1	1.5	1	0
6_111	040825	1548590	6368488	fine org detr	3			0.1	1.5	1	0
6_112	040825	1548589	6368478	fine org detr	3			0.1	1.5	1	0
6_113	040825	1548590	6368468	fine org detr	3			0.1	1.5	1	0
6_114	040825	1548589	6368458	fine org detr	3			0.1	1.5	1	0
6_115	040825	1548589	6368448	fine org detr	3			0.1	1.5	1	0
6_116	040825	1548589	6368438	fine org detr	3			0.1	1.5	1	0
6_117	040825	1548589	6368428	fine org detr	3			0.1	1.5	1	0
6_118	040825			fine org detr	3			0.1	1.5	1	0
6_119	040825	1548589	6368409	fine org detr	3			0.1	1.5	1	0
6_120	040825	1548589	6368400	fine org detr	3			0.1	1.5	1	0
6_121	040825	1548591	6368390	fine org detr	3			0.1	1.5	1	0
6_122	040825	1548597	6368384	fine org detr	3			0.5	2.0	1	3
6_123	040825			sand	2	2		0.5	2.0	1	3
6_124	040825	1548597	6368365	sand	2	2		0.6	2.0	1	3
6_125	040825	1548598	6368356	sand	2	3		0.7	2.3	1	3
6_126	040825	1548599	6368345	sand	2			0.6	2.4	1	3
6_127	040825	1548604	6368336	sand	2			0.6	2.4	1	3
6_128	040825	1548607	6368326	sand	2			0.6	2.4	1	3
6_129	040825	1548610	6368315	sand	2		1	0.8	2.2	1	3
6_130	040825	1548612	6368306	sand	2			0.8	2.2	1	2
6_131	040825	1548614	6368298	sand	2			0.8	2.2	1	2
6_132	040825	1548613	6368288	sand	2			0.8	2.2	1	2
6_133	040825			sand	2			0.8	2.2	1	2
6_134	040825	1548614	6368271	sand	2			0.8	2.2	1	2

6_135	040825			sand	2							0.8	2.2	1	2	
6_136	040825			sand	2							0.8	2.2	1	2	
6_137	040825			sand	2							0.8	2.2	1	2	
6_138	040825			sand	2							0.8	2.2	1	2	
6_139	040825			sand	2							0.8	2.2	1	2	
6_140	040825	1548602	6368222	sand	2							0.8	2.2	1	2	
6_141	040825			fine org detr	3				2			0.8	2.2	1	2	
6_142	040825			cobble			2	2	2			0.8	2.2	1	2	
6_143	040825	1548596	6368192	cobble			2	2	2			0.7	2.5	4	2	
6_144	040825	1548593	6368182	fine org detr	3							0.9	2.6	1	2	
6_145	040825	1548592	6368174	fine org detr	3							0.9	2.6	1	3	
6_146	040825	1548594	6368164											4	3	
6_147	040825	1548590	6368156											4	3	
6_148	040825			fine org detr	3							0.6	2.5	1	3	
6_149	040825	1548581	6368135	fine org detr	3							0.4	2.5	1	2	
6_150	040825	1548573	6368132	fine org detr	3							0.5	2.2	1	1	
6_151	040825	1548565	6368129	fine org detr	3							0.5	2.2	1	0	
6_152	040825	1548557	6368124	fine org detr	3							0.5	2.0	1	0	
6_153	040825	1548546	6368121	fine org detr	3							0.3	1.5	1	0	
6_154	040825	1548538	6368118	fine org detr	3							0.3	1.5	1	0	
6_155	040825	1548529	6368113	clay		3						0.3	1.3	1	0	
6_156	040825	1548520	6368109	clay		3						0.3	1.3	1	3	
6_157	040825	1548512	6368106	clay		3	2	2	2			0.3	1.3	4	3	
6_158	040825	1548505	6368104											4	3	
6_159	040825	1548495	6368101	clay		3						0.2	1.0	1	0	
6_160	040825	1548486	6368102	clay		3						0.2	1.0	1	0	
6_161	040825	1548477	6368104	clay		3						0.2	1.0	1	0	
6_162	040825	1548467	6368107											4	3	
6_163	040825	1548458	6368108	clay		3						0.5	2.0	1	0	
6_164	040825	1548449	6368104											4	3	
6_165	040825	1548439	6368100	clay		3									1	x
6_166	040825			clay		3				1		0.2	1.0	1	2	
6_167	040826			clay		3				1					3	x
6_168	040826	1548411	6368096	clay		2			2	2					3	x
6_169	040826	1548401	6368095	cobble		2			2	2					3	x
6_170	040826	1548392	6368091	boulder		2			2	2					3	x

6_171	040826	1548384	6368090	boulder	2			2	2				3	x
6_172	040826	1548374	6368090	boulder	2			2	2				2	x
6_173	040826	1548363	6368087	clay	2			2	2				2	x
6_174	040826	1548356	6368096	sand	2	3							2	x
6_175	040826	1548347	6368098									4	3	
6_176	040826	1548330	6368105									4	3	
6_177	040826	1548320	6368107									4	3	
6_178	040826	1548310	6368108									4	3	
6_179	040826	1548300	6368111									4	3	
6_180	040826	1548291	6368108									1	3	
6_181	040826	1548281	6368108	clay	2	2	2			0.2	1.0	2	0	
6_182	040826	1548272	6368107	clay	2	2	2			0.2	1.0	2	0	
6_183	040826	1548262	6368105	clay	2	2	2			0.2	1.0	2	0	
6_184	040826	1548252	6368104	clay	2	2	2			0.2	1.0	2	0	
6_185	040826	1548242	6368102	clay	3	2	2			0.2	1.0	2	0	
6_186	040826	1548232	6368100	clay	3	2	2			0.2	1.0	2	0	
6_187	040826	1548221	6368100									4	3	
6_188	040826	1548211	6368100									4	3	
6_189	040826	1548201	6368098									4	3	
6_190	040826	1548191	6368096									4	3	
6_191	040826	1548181	6368096									4	3	
6_192	040826	1548171	6368093									4	3	
6_193	040826	1548162	6368092									4	3	
6_194	040826	1548151	6368090									4	3	
6_195	040826	1548141	6368088									4	3	
6_196	040826	1548131	6368087									4	3	
6_197	040826	1548121	6368085									4	3	
6_198	040826	1548111	6368083									4	3	
6_199	040826	1548105	6368076									4	3	
6_200	040826	1548098	6368070									4	3	
6_201	040826	1548090	6368064									4	3	
6_202	040826	1548081	6368061									4	3	
6_203	040826	1548072	6368058									4	3	
6_204	040826	1548061	6368056									4	3	
6_205	040826	1548051	6368053									4	3	
6_206	040826	1548042	6368054									4	3	

6_207	040826	1548032	6368052										4	3
6_208	040826	1548023	6368050										4	3
6_209	040826	1548012	6368048										4	3
6_210	040826	1548002	6368047										4	3
6_211	040826	1547993	6368046										4	3
6_212	040826	1547983	6368045										4	3
6_213	040826	1547973	6368043										4	3
6_214	040826	1547962	6368041										4	3
6_215	040826	1547953	6368040										4	3
6_216	040826	1547943	6368038										4	3
6_217	040826	1547934	6368034										4	3
6_218	040826	1547925	6368033	fine org detr	2	2					0.2	1.0	2	0
6_219	040826	1547915	6368032	fine org detr	3						0.2	1.2	1	0
6_220	040826	1547905	6368031	fine org detr	3						0.2	1.2	1	0
6_221	040826	1547895	6368029	fine org detr	3						0.2	1.2	1	0
6_222	040826	1547885	6368027	fine org detr	3				1		0.2	1.2	1	0
6_223	040826	1547876	6368025	fine org detr	3				1		0.2	1.2	1	0
6_224	040826	1547866	6368023	fine org detr	3				1		0.2	1.2	1	0
6_225	040826	1547856	6368022	fine org detr	3						0.2	1.2	1	0
6_226	040826	1547846	6368021	fine org detr	3						0.2	1.2	1	0
6_227	040826	1547836	6368019	fine org detr	3						0.2	1.2	1	0
6_228	040826	1547827	6368017	fine org detr	3						0.2	1.2	1	0
6_229	040826	1547817	6368015	fine org detr	3						0.2	1.2	1	0
6_230	040826	1547807	6368014	fine org detr	3						0.2	1.2	1	0
6_231	040826	1547797	6368012	fine org detr	3						0.2	1.2	1	0
6_232	040826	1547789	6368008										4	3
6_233	040826	1547781	6368005	fine org detr	3						0.2	1.0	1	2
6_234	040826	1547772	6368001	fine org detr	3						0.1	1.0	1	2
6_235	040826	1547762	6368002	fine org detr	2				2		0.1	1.0	1	2
6_236	040826	1547755	6367997	fine org detr	3				1		0.1	1.0	1	2
6_237	040826	1547744	6367996	fine org detr	3						0.1	1.0	1	2
6_238	040826	1547734	6367994	fine org detr	3		1				0.1	1.0	1	2
6_239	040826	1547724	6367993	fine org detr	3		1				0.1	1.0	1	2
6_240	040826	1547714	6367994	fine org detr	3		1				0.1	1.0	1	2
6_241	040826	1547705	6367997	fine org detr	3				1		0.1	1.0	1	2
6_242	040826	1547696	6368001	fine org detr	3		1				0.1	1.0	1	2

6_243	040826	1547686	6368002	fine org detr	3			1		0.1	1.0	1	2
6_244	040826	1547677	6368005	fine org detr	3		1			0.1	1.0	1	2
6_245	040826	1547667	6368004	fine org detr	3	2				0.1	1.2	4	2
6_246	040826	1547657	6368004	fine org detr	3	2				0.1	1.2	1	0
6_247	040826	1547648	6368003	fine org detr	3	2						4	3
6_248	040826	1547638	6368004	fine org detr	3	2				0.2	1.4	1	0
6_249	040826	1547629	6368003	fine org detr	3	2				0.2	1.4	1	0
6_250	040826	1547619	6368003	fine org detr	3	2				0.2	1.5	1	0
6_251	040826	1547610	6368003	fine org detr	3	2				0.2	1.4	1	0
6_252	040826	1547600	6368005	fine org detr	3	2				0.2	1.8	4	2
6_253	040826	1547592	6367999	fine org detr	3	2				0.2	1.5	1	1
6_254	040826	1547588	6367993	fine org detr	3	2				0.2	1.5	4	1
6_255	040826	1547582	6367985									4	3
6_256	040826	1547572	6367983									4	3
6_257	040826	1547561	6367985									4	3
6_258	040826	1547561	6367985									4	3
6_259	040826											4	3
6_260	040826											4	3
6_261	040826											4	3
6_262	040826											4	3
6_263	040826											4	3
6_264	040826											4	3
6_265	040826											4	3
6_266	040826	1547483	6367982									4	3
6_267	040826											4	3
6_268	040826											4	3
6_269	040826											4	3
6_270	040826											4	3
6_271	040826											4	3
6_272	040826											4	3
6_273	040826											4	3
6_274	040826											4	3
6_275	040826											4	3
6_276	040826											4	3
6_277	040826											4	3
6_278	040826											4	3

6_279	040826													4	3
6_280	040826													4	3
6_281	040826	1547333	6367984											4	3
6_282	040826	1547325	6367977											4	3
6_283	040826	1547316	6367974											4	3
6_284	040826	1547305	6367975											4	3
6_285	040826	1547295	6367973											4	3
6_286	040826	1547285	6367976	coarse org detr	3			2	2		1			4	3
6_287	040826	1547276	6367975	sand	2			2	2		1			4	3
6_288	040826	1547267	6367974	sand	3			2	2		1			4	3
6_289	040826			sand	3			2	2		1			4	3
6_290	040826			sand	3			2	2		1			4	3
6_291	040826	1547249	6367951	sand				2	2		1			4	3
6_292	040826	1547238	6367951	sand				2	2		1			4	3
6_293	040826			sand				2	2		1			4	3
6_294	040826	1547220	6367945	sand				2	2		1			4	3
6_295	040826	1547210	6367942	gravel	2		2		2	2	1		0.1	0.8	1	3
6_296	040826	1547201	6367939	fine org detr	2	2				2			0.6	0.8	1	2
6_297	040826	1547191	6367931	fine org detr		3				2			0.6	0.7	1	2
6_298	040826	1547183	6367927	fine org detr		3							0.6	0.9	1	1
6_299	040826	1547172	6367923	fine org detr		3							0.7	1.0	1	0
6_300	040826	1547164	6367918	fine org detr		3							0.7	1.0	1	0
6_301	040826	1547154	6367916	fine org detr		3							0.8	1.0	1	0
6_302	040826	1547146	6367910	fine org detr		3							0.8	1.0	1	0
6_303	040826	1547138	6367905	fine org detr		3							0.8	1.0	1	0
6_304	040826	1547130	6367899	fine org detr		3							0.5	1.0	1	0
6_305	040826	1547122	6367895	fine org detr		3							0.5	1.0	1	0
6_306	040826	1547112	6367893	fine org detr		3							0.5	1.0	1	0
6_307	040826	1547102	6367891	fine org detr		3							0.5	1.0	1	0
6_308	040826	1547091	6367888	fine org detr		3							0.3	1.0	1	0
6_309	040826	1547079	6367887	fine org detr		3							0.3	1.0	1	0
6_310	040826	1547068	6367886	fine org detr		3							0.3	1.0	1	0
6_311	040826	1547058	6367888	fine org detr		3							0.3	1.0	1	0
6_312	040826	1547048	6367890	fine org detr		3							0.3	1.0	1	0
6_313	040826	1547039	6367892	fine org detr		3							0.3	1.0	1	0
6_314	040826	1547030	6367894	fine org detr		3							0.3	1.0	1	0

6_315	040826	1547020	6367896	fine org detr	3				0.3	1.0	1	0
6_316	040826	1547009	6367898	fine org detr	3	2			0.3	1.2	1	0
6_317	040826	1547000	6367901	fine org detr	3	2			0.3	1.2	1	0
6_318	040826	1546991	6367905	fine org detr	3	2			0.3	1.2	1	0
6_319	040826	1546983	6367910	fine org detr	3	2			0.3	1.2	1	0
6_320	040826	1546973	6367915	fine org detr	3	2			0.3	1.2	1	0
6_321	040826	1546964	6367919	fine org detr	3	2			0.3	1.2	1	0
6_322	040826	1546956	6367924	fine org detr	3	2			0.3	1.2	1	0
6_323	040826	1546946	6367928	fine org detr	3	2			0.3	1.2	1	0
6_324	040826	1546936	6367932	fine org detr	3	2			0.2	0.8	1	0
6_325	040826	1546927	6367936	fine org detr	3	2			0.2	0.8	1	0
6_326	040826	1546918	6367940	fine org detr	3	2			0.2	0.8	1	0
6_327	040826	1546908	6367944	fine org detr	3	2			0.2	0.8	1	0
6_328	040826	1546899	6367949	fine org detr	3	2			0.2	0.8	1	0
6_329	040826	1546889	6367952	fine org detr	3	2			0.2	0.8	1	0
6_330	040826	1546880	6367957	fine org detr	3	2			0.2	0.8	1	0
6_331	040826	1546871	6367961	fine org detr	3	2			0.2	0.6	1	0
6_332	040826	1546862	6367965	fine org detr	3	2			0.2	0.6	1	0
6_333	040826	1546852	6367969	fine org detr	3	2			0.1	0.5	1	0
6_334	040826	1546843	6367973	fine org detr	3	2			0.1	0.5	1	0
6_335	040826	1546834	6367977								4	3
6_336	040826	1546824	6367980	fine org detr	3	2			0.1	0.5	1	0
6_337	040826	1546814	6367981	fine org detr	3	2			0.1	0.5	1	0
6_338	040826	1546803	6367981	fine org detr	3	2			0.1	0.5	1	0
6_339	040826	1546794	6367981	fine org detr	3	2			0.1	0.5	1	0
6_340	040826	1546784	6367981	fine org detr	3	2			0.1	0.5	1	0
6_341	040826	1546774	6367981	fine org detr	3	2			0.1	0.5	1	0
6_342	040826	1546764	6367981	fine org detr	3	2			0.1	0.5	1	0
6_343	040826	1546754	6367980	fine org detr	3	2			0.1	0.5	1	0
6_344	040826	1546744	6367980	fine org detr	3	2			0.1	0.4	1	0
6_345	040826	1546733	6367980	fine org detr	3	2			0.2	0.6	1	0
6_346	040826	1546724	6367980	fine org detr	3	2			0.1	0.5	1	0
6_347	040826	1546714	6367981	fine org detr	3	2			0.1	0.5	1	0
6_348	040826	1546704	6367980	cobble	2	2	3		0.1	0.5	1	0
6_349	040826	1546694	6367981								4	3
6_350	040826	1546684	6367980	clay		3	2		0.1	0.5	1	2

6_351	040826	1546679	6367985	clay			3		2		0.1	0.5	1	2
6_352	040826	1546677	6367993	clay			3		2		0.1	0.5	1	2
6_353	040826	1546670	6368000	clay			3		2		0.1	0.5	1	2
6_354	040826	1546663	6368007	clay			3		2		0.1	0.5	1	2
6_355	040826	1546654	6368011	clay			3		2		0.1	0.5	4	2
6_356	040826	1546645	6368013										4	3
6_357	040826	1546583	6368003										4	3
6_358	040826	1546575	6368008										4	3
6_359	040826	1546567	6368013										4	3
6_360	040826	1546559	6368019										4	3
6_361	040826	1546551	6368025										4	3
6_362	040826	1546543	6368030										4	3
6_363	040826	1546535	6368035	clay		2	3				0.1	0.7	1	0
6_364	040826	1546502	6368049	clay		2	3				0.1	0.7	1	0
6_365	040826	1546495	6368051	clay		2	3				0.1	0.7	1	0
6_366	040826	1546486	6368054	clay		2	3				0.1	0.7	1	0
6_367	040826	1546477	6368058	clay		2	3				0.1	0.7	1	0
6_368	040826	1546469	6368064	clay		2	3				0.1	0.7	4	2
6_369	040826	1546458	6368066										4	3
6_370	040826												4	3
6_371	040826												4	3
6_372	040826			clay		2	3				0.1	0.5	1	2
6_373	040826	1546502	6368049	clay	2		3	2			0.1	0.5	1	3
6_374	040826	1546495	6368051	clay	2		3	2			0.1	0.5	1	2
6_375	040826	1546486	6368054	clay	2		3	2			0.1	0.5	1	3
6_376	040826	1546477	6368058	clay	2		3	2			0.1	0.5	1	3
6_377	040826	1546469	6368064	clay	2		3	1			0.1	0.5	1	3
6_378	040826	1546458	6368066	clay	2	2	3				0.1	0.6	1	2
6_379	040826	1546449	6368069	clay	1	2	3				0.1	0.6	1	2
6_380	040826	1546440	6368073	clay		2	3				0.1	0.6	1	2
6_381	040826	1546429	6368075	clay			3				0.1	0.6	1	2
6_382	040826	1546420	6368080	clay			3				0.1	0.6	1	2
6_383	040826	1546409	6368082	clay			3				0.1	0.6	1	2
6_384	040826	1546400	6368084	clay			3				0.3	0.6	1	2
6_385	040826	1546390	6368079	clay			3				0.3	0.6	1	2
6_386	040826	1546381	6368079	clay			3				0.1	0.7	1	3

6_387	040826	1546370	6368078	clay			3					0.1	0.7	1	3	
6_388	040826	1546361	6368080	clay			3					0.2	0.6	1	2	
6_389	040826	1546352	6368085	clay			3					0.2	0.6	1	2	
6_390	040826	1546343	6368089	clay			3					0.2	0.6	1	2	
6_391	040826	1546334	6368090	clay			3					0.2	0.6	1	2	
6_392	040826	1546324	6368093	clay			3					0.2	0.6	1	2	
6_393	040826	1546315	6368093	clay			3					0.1	0.8	1	2	
6_394	040826	1546306	6368091	clay			3					0.1	0.8	1	2	
6_395	040826	1546296	6368094	clay			3					0.1	0.6		2	x
6_396	040826	1546287	6368098	clay	2		3								2	x
6_397	040826			clay	2		3								3	x
6_398	040826			clay			3		2	2		0.1	0.7	1	3	
6_399	040826	1546270	6368120	clay	2		2			2					2	x
6_400	040826			clay	2		2			2					3	x
6_401	040826	1546285	6368151	clay	2		3			1					2	x
6_402	040826															
7_1	040824			fine org detr	2	3				1		0.1	0.5	1	3	
7_2	040824			fine org detr	2	3				1		0.1	0.5	1	3	
7_3	040824			fine org detr	2	3				1		0.1	0.5	1	3	
7_4	040824	1550053	6368463	fine org detr	2	3				1		0.1	0.5	1	3	
7_5	040824	1550043	6368467	fine org detr	2	3				1		0.1	0.5	1	3	
7_6	040824	1550034	6368463	fine org detr	2	3				2		0.1	0.7	1	3	
7_7	040824	1550027	6368463	fine org detr	2	2				2		0.1	0.8	1	3	
7_8	040824	1550019	6368459	fine org detr	2	2				2		0.1	0.8	1	3	
7_9	040824	1550016	6368469	fine org detr	2	2				2		0.1	0.9	1	3	
7_10	040824	1550007	6368475	gravel	2	2		2	2	2		0.1	0.8	1	3	
7_11	040824	1549999	6368474	gravel	2	2		2	2	2		0.1	0.8	1	3	
7_12	040824	1549991	6368479	gravel	2	2		2	2			0.1	0.8	1	3	
7_13	040824	1549982	6368479	gravel	2	2		2	2	1		0.1	0.8	1	3	
7_14	040824	1549978	6368470	gravel	2	2		2	2	1		0.1	0.8	1	3	
7_15	040824	1549969	6368466	gravel	2	2		2	2	1		0.1	1.1	1	3	
7_16	040824	1549960	6368471	cobble	2	1		2	2	1		0.2	1.4	1	3	
7_17	040824	1549951	6368476	fine org detr	2	2				2		0.2	1.6	1	3	
7_18	040824	1549943	6368472	fine org detr	2	2						0.2	2.0	1	3	
7_19	040824	1549933	6368471	fine org detr	2	3		2	2			0.2	2.5	1	2	
7_20	040824	1549924	6368472	fine org detr	2	3		2	2			0.2	2.0	1	3	

7_21	040824	1549912	6368470	fine org detr	2	3			2	2			0.2	2.5	1	3
7_22	040824			fine org detr	2	3			2	2			0.3	2.5	1	3
7_23	040824			fine org detr	2	3	2		2	2			0.3	2.5	1	3
7_24	040824			fine org detr	2	3	2		2	2			0.3	2.5	1	3
7_25	040824			fine org detr	2	3	2		2	2			0.3	2.5	1	3
7_26	040824			fine org detr	2	2	2		2	2			0.3	2.5	1	3
7_27	040824	1549861	6368450	fine org detr	2	3							0.3	2.5	1	3
7_28	040824	1549854	6368445	fine org detr	2	3							0.3	2.5	1	3
7_29	040824	1549854	6368435	fine org detr	2	3				1			0.3	2.5	1	3
7_30	040824	1549848	6368426	fine org detr	2	3							0.3	2.5	1	3
7_31	040824	1549839	6368421	fine org detr	2	3							0.3	2.5	1	3
7_32	040824	1549830	6368414	fine org detr	1	3		2					0.4	2.5	1	3
7_33	040824			fine org detr	1	3		2					0.4	2.5	1	3
7_34	040824			fine org detr	2	3		2					0.4	2.5	1	3
7_35	040824	1549815	6368390	fine org detr	2	3	2				2		0.3	2.5	1	3
7_36	040824			fine org detr	2	2	2				2		0.3	2.5	1	3
7_37	040824			fine org detr	2	3	2						0.2	2.5	1	3
7_38	040824			fine org detr	2	3				1			0.3	2.5	1	3
7_39	040824			fine org detr	2	3				1			0.3	2.5	1	3
7_40	040824			fine org detr	2	3							0.3	2.5	1	3
7_41	040824			fine org detr	2	3							0.3	2.5	1	3
7_42	040824	1549770	6368352	fine org detr	2	3							0.3	2.2	1	3
7_43	040824	1549763	6368344	fine org detr	2	3							0.3	2.2	1	3
7_44	040824	1549757	6368338	fine org detr	2	3							0.2	2.5	1	3
7_45	040824	1549747	6368336	fine org detr	2	3					1		0.2	2.5	1	3
7_46	040824	1549738	6368333	fine org detr	2	3							0.2	2.5	1	3
7_47	040824	1549728	6368331	fine org detr		3							0.2	2.5	1	3
7_48	040824	1549718	6368331	fine org detr		3							0.2	2.0	1	3
7_49	040824			fine org detr	2	3	2						0.2	2.0	1	3
7_50	040824			fine org detr	2	3	2						0.2	2.0	1	3
7_51	040824	1549687	6368343	fine org detr	2	3	2						0.2	2.0	1	3
7_52	040824	1549678	6368348	fine org detr	2	3	2						0.2	2.0	1	3
7_53	040824			fine org detr	2	3	2						0.2	2.0	1	3
7_54	040824			fine org detr	2	3	2						0.2	2.0	1	3
7_55	040824			fine org detr	2	3	2						0.2	2.0	1	3
7_56	040824			fine org detr	2	3	2						0.2	2.0	1	3

7_57	040824			fine org detr	2	3	2							0.2	2.0	1	3	
7_58	040824	1549617	6368365	fine org detr	2	3								0.2	2.0	1	3	
7_59	040824			fine org detr	2	3								0.2	2.0	1	3	
7_60	040824	1549598	6368367	fine org detr	2	3								0.2	2.0	1	3	
7_61	040824			fine org detr	2	3					1			0.2	2.0	1	3	
7_62	040824	1549580	6368364	fine org detr	2	3					1			0.2	2.0	1	3	
7_63	040824			fine org detr	2	3					1			0.2	2.0	1	3	
7_64	040824			fine org detr	2	3								0.1	2.0	1	3	
7_65	040824			fine org detr	2	3				1				0.1	2.0	1	3	
7_66	040824	1549548	6368332	fine org detr	2	3				1				0.1	2.0	1	3	
7_67	040824	1549552	6368322	fine org detr	2	3				1				0.1	2.0	1	3	
7_68	040824	1549550	6368311	fine org detr		2					2	1		0.1	2.0	1	3	
7_69	040824	1549539	6368315	fine org detr		2					2	1		0.1	1.0	1	3	
7_70	040824	1549532	6368311	cobble		2				2	2	1		0.1	1.0	1	3	
7_71	040824	1549527	6368305	cobble		2				2				0.1	1.0	1	3	
7_72	040824	1549518	6368305	fine org detr		2					2			0.1	1.0	1	3	
7_73	040824	1549509	6368302	fine org detr		2					2	1		0.1	1.0	1	3	
7_74		1549500	6368297															
7_75	040825	1549056	6368026	sand				3	1	2							3	x
7_76	040825	1549048	6368022	sand				3	1	2							3	x
7_77	040825	1549041	6368016	sand				3	1	2							3	x
7_78	040825	1549035	6368009	sand				3	1	2							3	x
7_79	040825	1549030	6368002	sand				3		2	1						3	x
7_80	040825	1549027	6367994	sand				3		2	1						3	x
7_81	040825	1549024	6367985	sand				3		2	1						3	x
7_82	040825	1549021	6367975	sand				3	2	2	1						3	x
7_83	040825	1549019	6367966	sand				3	2	2							3	x
7_84	040825	1549016	6367957	sand				3	2	1							2	x
7_85	040825	1549021	6367948	gravel				2	3		1						2	x
7_86	040825	1549025	6367938	gravel				2	3		1						3	x
7_87	040825			gravel				2	3		1						2	x
7_88	040825	1549034	6367918	sand			2	2									2	x
7_89	040825			sand			2	2									2	x
7_90	040825	1549046	6367899	clay			2	2									2	x
7_91	040825			clay			2	2									2	x
7_92	040825	1549055	6367882	clay			3	1									2	x

7_93	040825			clay		3											1	x
7_94	040825	1549064	6367863	clay		3											1	x
7_95	040825	1549069	6367854	clay		3											1	x
7_96	040825	1549074	6367845	clay		3											1	x
7_97	040825	1549071	6367835	clay		3											2	x
7_98	040825	1549069	6367827	clay		3			1				0.1	0.3	1		3	
7_99	040825	1549073	6367816	clay		3			1								3	x
7_100	040825			clay	2	3			1								3	x
7_101	040825			clay	2	3											3	x
7_102	040825			clay	2	3											3	x
7_103	040825			clay	2	3							0.1	0.2	1		2	
7_104	040825			clay	2	3											2	x
7_105	040825			clay	2	3											2	x
7_106	040825			coarse org detr	3	2											3	x
7_107	040825			clay	2	3			2								3	x
7_108	040825			cobble	1	2		2	3	1							3	x
7_109	040825			boulder	2		1		2	3							3	x
7_110	040825	1549132	6367733	clay	2	3	1										3	x
7_111	040825			clay	2	3	1										3	x
7_112	040825			clay	2	3											2	x
7_113	040825	1549135	6367705	clay	2	3											2	x
7_114	040825	1549138	6367695	cobble	2	2	1		2	2							3	x
7_115	040825			cobble	2	1	1		2	2							3	x
7_116	040825	1549145	6367677	cobble	2	2	1		2	2							3	x
7_117	040825	1549154	6367673	clay	2	3			2	1							3	x
7_118	040825	1549160	6367664	clay	2	3				1							3	x
7_119	040825			clay	2	3											3	x
7_120	040825			clay	2	3				2							3	x
7_121	040825			clay	2	3											3	x
7_122	040825			clay	2	3											3	x
7_123	040825	1549194	6367630	clay	2	3				1							3	x
7_124	040825			clay	3	3				1							3	x
7_125	040825	1549209	6367617	clay	3	3			1	2							3	x
7_126	040825			clay	3	3			1								3	x
7_127	040825			clay	3	3											3	x
7_128	040825			clay	3	3											3	x

7_129	040825			clay	3	3	1					3	x
7_130	040825			clay	3	3	1					3	x
7_131	040825			clay	3	3	1					3	x
7_132	040825			clay	3	3	1					3	x
7_133	040825	1549260	6367556	clay	3	3	2					3	x
7_134	040825	1549267	6367550	clay	3	3	2					2	x
7_135	040825	1549272	6367546	clay	3	3	1					3	x
7_136	040825	1549279	6367539	clay	3	3						3	x
7_137	040825	1549287	6367534	clay	3	3	1					3	x
7_138	040825	1549295	6367529	clay	3	3						3	x
7_139	040825	1549303	6367522	clay	2	3						3	x
7_140	040825	1549312	6367517	clay	2	3		0.1	0.2	1		2	
7_141	040825	1549320	6367510	clay	2	3		0.1	0.2	1		2	
7_142	040825	1549327	6367505	clay	2	3		0.1	0.2	1		2	
7_143	040825	1549335	6367500	clay	2	3		0.1	0.2	1		2	
7_144	040825	1549343	6367494	clay	2	3		0.1	0.2	1		2	
7_145	040825	1549352	6367489	clay	2	3		0.1	0.2	1		2	
7_146	040825	1549358	6367482	clay	2	3		0.1	0.2	1		2	
7_147	040825	1549363	6367475	clay	2	3		0.1	0.2	1		2	
7_148	040825	1549370	6367469	clay		3		0.1	0.3	4		3	
7_149	040825	1549378	6367468	clay	2	3		0.1	0.3	4		3	
7_150	040825			clay	2	3		0.1	0.3			2	x
7_151	040825			clay	2	3		0.1	0.3	1		2	
7_152	040825	1549400	6367454	clay	2	3		0.1	0.3	1		2	
7_153	040825	1549408	6367450	clay	2	3		0.1	0.3	4		2	
7_154	040825	1549418	6367448	clay		3						2	x
7_155	040825	1549425	6367440	clay		3						2	x
7_156	040825	1549432	6367433	clay		3		0.1	0.3	1		2	
7_157	040825	1549435	6367426	clay		3						2	x
7_158	040825	1549432	6367416	clay		3						2	x
7_159	040825	1549428	6367409	clay		3						0	x
7_160	040825	1549434	6367402	clay		3						0	x
7_161	040825	1549433	6367394	clay		3						0	x
7_162	040825	1549427	6367387	clay		3						0	x
7_163	040825	1549421	6367379	clay		3						0	x
7_164	040825	1549415	6367371	clay		3						0	x

7_165	040825	1549409	6367364	clay			3					0	x
7_166	040825	1549404	6367357	clay			3					0	x
7_167	040825	1549398	6367350	clay			3					0	x
7_168	040825	1549392	6367342	clay			3					0	x
7_169	040825	1549387	6367333	clay			3					0	x
7_170	040825	1549391	6367324	clay			3					0	x
7_171	040825	1549395	6367315	clay			3					0	x
7_172	040825	1549401	6367308	clay			3					0	x
7_173	040825	1549408	6367302	clay		2	3					0	x
7_174	040825	1549415	6367294	clay			3					0	x
7_175	040825	1549421	6367287	clay			3					3	x
7_176	040825	1549427	6367280	clay		2	3		2			3	x
7_177	040825	1549434	6367275	clay		2	3		2			3	x
7_178	040825	1549442	6367272	clay		2	3		1			3	x
7_179	040825	1549452	6367275	clay		2	3			1		3	x
7_180	040825	1549461	6367274	clay		2	3		1			3	x
7_181	040825	1549470	6367276	clay		1	3		2			3	x
7_182	040825	1549478	6367276	clay		1	3					3	x
7_183	040825	1549485	6367269	clay			3					3	x
7_184	040825	1549494	6367267	clay			3		2			3	x
7_185	040825	1549504	6367264	clay			3		2			3	x
7_186	040825	1549512	6367257	clay			3					3	x
7_187	040825	1549510	6367247	clay			3					0	x
7_188	040825	1549507	6367240	clay			3					0	x
7_189	040825	1549505	6367229	clay			3					1	x
7_190	040825	1549499	6367222	clay			3					2	x
7_191	040825	1549497	6367211	clay			3					0	x
7_192	040825	1549495	6367202	clay			3					0	x
7_193	040825	1549491	6367193	clay			3					0	x
7_194	040825	1549486	6367185	clay			3					0	x
7_195	040825	1549480	6367178	clay			3					0	x
7_196	040825	1549474	6367171	clay			3					0	x
7_197	040825	1549467	6367164	clay			3					0	x
7_198	040825	1549460	6367157	clay			3					0	x
7_199	040825	1549453	6367150	clay			3					0	x
7_200	040825	1549447	6367144	clay			3					1	x

7_201	040825	1549439	6367138	clay		3					0.1	1.5	1	3	
7_202	040825	1549432	6367132	clay		3								3	x
7_203	040825	1549428	6367126	clay		3								3	x
7_204	040825	1549422	6367120	clay		3								3	x
7_205	040825	1549414	6367112	clay		3								0	x
7_206	040825	1549409	6367104	clay		3								0	x
7_207	040825	1549402	6367097	clay		3								0	x
7_208	040825	1549395	6367089	clay		3								0	x
7_209	040825			clay		3								0	x
7_210	040825	1549381	6367074	clay	2	3								2	x
7_211	040825	1549374	6367082	clay	2	3								3	x
7_212	040825	1549366	6367084	clay	2	3								3	x
7_213	040825	1549357	6367082	clay	2	3								3	x
7_214	040825	1549350	6367076	clay	2	3								3	x
7_215	040825	1549345	6367067	clay	2	3	2							3	x
7_216	040825	1549336	6367062	sand	2	2	2	1	2					3	x
7_217	040825	1549329	6367054	cobble	2	2	2	1	3					3	x
7_218	040825	1549323	6367047	cobble	2			2	3	1				3	x
7_219	040825	1549319	6367039	gravel	1		2	2	2	1				3	x
7_220	040825	1549312	6367035	gravel	1		2	2	2	1				3	x
7_221	040825	1549302	6367035											3	x
7_222	040825			clay		3								0	x
7_223	040825	1549284	6367028	clay		3								0	x
7_224	040825	1549276	6367024	clay		3								0	x
7_225	040825	1549266	6367023	clay		3								0	x
7_226	040825	1549256	6367021	clay		3								0	x
7_227	040825	1549246	6367022	clay		3								0	x
7_228	040825	1549236	6367024	clay										0	x
7_229	040825	1549226	6367026	clay										0	x
7_230	040825	1549216	6367029	clay										1	x
7_231	040825	1549206	6367027	clay										2	x
7_232	040825	1549197	6367022	clay	2						0.1	0.4	1	3	
7_233	040825	1549188	6367018	clay	2						0.1	0.4	1	3	
7_234	040825	1549178	6367021	clay	1						0.1	0.4	1	1	
7_235	040825	1549169	6367024	clay	1						0.1	0.4	1	1	
7_236	040825	1549163	6367033										4		

7_237	040825	1549158	6367041	clay							0.2	1.2	1	1	
7_238	040825	1549157	6367050	clay							0.2	1.2	1	1	
7_239	040825	1549154	6367060	clay							0.1	1.2	1	0	
7_240	040825	1549147	6367068	clay							0.1	1.2	1	0	
7_241	040825	1549140	6367077	clay							0.1	1.2	1	0	
7_242	040825	1549134	6367084	clay							0.2	1.4	1	1	
7_243	040825	1549127	6367091	clay			2	2			0.2	1.3	1	1	
7_244	040825	1549119	6367095	clay			2	2			0.2	1.3	1	1	
7_245	040825	1549110	6367095	clay			2	2			0.2	1.3	1	1	
7_246	040825	1549101	6367092	clay			2	2						3	x
7_247	040825	1549095	6367085	clay							0.2	1.3	4	3	
7_248	040825	1549086	6367084	clay							0.1	1.0	1	0	
7_249	040825	1549077	6367083	clay							0.1	0.3	1	0	
7_250	040825	1549067	6367081	clay							0.1	0.3	1	0	
7_251	040825	1549057	6367079	clay							0.1	0.3	1	0	
7_252	040825	1549049	6367076	clay							0.1	0.3	1	0	
7_253	040825	1549041	6367070	clay							0.1	0.3	1	0	
7_254	040825	1549034	6367063	clay							0.1	0.3	1	0	
7_255	040825	1549028	6367054	clay							0.1	0.3	1	0	
7_256	040825	1549027	6367045	clay							0.1	0.3	1	0	
7_257	040825	1549031	6367035	clay							0.1	0.3	1	0	
7_258	040825	1549034	6367026	clay							0.1	0.3	1	0	
7_259	040825	1549037	6367017	clay							0.1	0.3	1	0	
7_260	040825	1549038	6367010												
9_1	040822			clay	2	3					0.2	3.5	1	0	
9_2	040822			clay	2	3					0.2	3.5	1	0	
9_3	040822	1550377	6366260	clay	2	3					0.2	3.5	1	0	
9_4	040822	1550366	6366262	clay	2	3					0.2	3.0	1	0	
9_5	040822	1550357	6366266	clay	2	3					0.1	3.0	1	0	
9_6	040822	1550348	6366269	clay	2	3					0.1	1.5	1	0	
9_7	040822	1550338	6366270	clay	2	3					0.1	1.5	1	0	
9_8	040822	1550329	6366272	clay	2	3					0.1	1.5	1	2	
9_9	040822			clay	2	3					0.1	1.0	1	2	
9_10	040822	1550317	6366283	gravel	2	2	2	2			0.1	0.6	4	3	
9_11	040822	1550314	6366291	gravel		2	2	2	1		0.1	0.9	4	3	
9_12	040822	1550308	6366296										1	3	

9_13	040822												1	3
9_14	040822												1	3
9_15	040822	1550279	6366311	gravel			2	2	2	0.2	0.7	4	3
9_16	040822	1550274	6366318	clay		3	1	1	1	0.2	1.0	1	3
9_17	040822	1550275	6366328	cobble		2	2	2	1	0.2	1.0	1	2
9_18	040822	1550272	6366336	cobble		2	2	2	1	0.1	1.0	1	2
9_19	040822	1550275	6366345	clay		3		2		0.1	1.0	4	3
9_20	040822	1550276	6366355	clay		2	2	2		0.1	1.2	1	3
9_21	040822	1550274	6366363	cobble		2		2	2	0.2	1.0	1	3
9_22	040822	1550269	6366371	clay		2		2	2	0.2	1.0	1	3
9_23	040822	1550261	6366377									4	3
9_24	040822			clay		2		2	2	0.1	0.5	1	2
9_25	040822	1550243	6366378	boulder		2		2	2	0.1	0.5	1	2
9_26	040822	1550233	6366378	boulder		2		2	2	0.1	0.5	1	3
9_27	040822	1550223	6366382	cobble		2		2	2	0.1	0.5	1	3
9_28	040822	1550213	6366381	cobble		2		2	2	0.1	0.5	1	3
9_29	040822	1550205	6366376	clay	2	2		2		0.2	1.0	1	3
9_30	040822	1550198	6366368	clay	2	2				0.2	1.0	1	3
9_31	040822	1550186	6366365	clay		3				0.2	1.0	1	3
9_32	040822	1550176	6366363	clay		3				0.2	1.0	1	2
9_33	040823	1550167	6366360	fine org detr	2	3				0.3	1.5	1	3
9_34	040823	1550160	6366358	fine org detr	1	3				0.3	1.0	1	2
9_35	040823	1550150	6366358	fine org detr	1	3				0.3	1.0	1	1
9_36	040823	1550141	6366361	fine org detr	1	3				0.2	1.0	1	0
9_37	040823	1550132	6366366	fine org detr	1	3				0.2	1.0	1	2
9_38	040823	1550128	6366373	fine org detr	1	3				0.1	1.0	1	1
9_39	040823	1550124	6366383	fine org detr	1	3				0.2	1.0	1	1
9_40	040823	1550119	6366391	fine org detr	1	3				0.2	1.0	1	0
9_41	040823	1550114	6366398	fine org detr	1	3				0.2	1.0	1	1
9_42	040823	1550106	6366403	fine org detr		3				0.2	1.2	1	0
9_43	040823	1550097	6366409	fine org detr		3				0.2	1.2	1	0
9_44	040823	1550088	6366414	fine org detr		3				0.1	1.0	1	0
9_45	040823	1550080	6366418	fine org detr		3				0.1	1.2	1	0
9_46	040823	1550073	6366424	fine org detr		3				0.2	1.2	1	0
9_47	040823	1550065	6366430	fine org detr		3				0.2	1.2	1	0
9_48	040823	1550057	6366435	fine org detr	2	3				0.1	1.0	1	0

9_49	040823	1550048	6366442	fine org detr	2	3							0.1	1.0	1	0
9_50	040823	1550040	6366448	fine org detr	2	2	2						0.1	1.2	1	0
9_51	040823	1550032	6366453	fine org detr	2	2	2						0.1	1.0	1	0
9_52	040823	1550024	6366459	fine org detr	2	2	2						0.1	1.0	1	0
9_53	040823	1550015	6366464	fine org detr	2	2	2						0.1	1.0	1	0
9_54	040823	1550008	6366469	fine org detr	2	2	2						0.1	0.7	1	0
9_55	040823	1550000	6366474	fine org detr	2	2	2						0.1	0.7	1	0
9_56	040823	1549991	6366479	fine org detr	2	2	2						0.1	0.7	1	0
9_57	040823	1549983	6366485	fine org detr	2	2	2						0.1	0.7	1	0
9_58	040823	1549975	6366491	clay	1	1	3						0.1	0.7	1	0
9_59	040823	1549966	6366498	clay	1	1	3						0.1	0.7	1	0
9_60	040823	1549959	6366503	clay	1	1	3						0.1	0.7	1	0
9_61	040823	1549952	6366510	clay	1	1	3						0.1	0.5	1	0
9_62	040823	1549944	6366516	clay	1	1	3						0.1	0.5	1	0
9_63	040823	1549938	6366523	clay	1	1	3						0.1	0.4	1	0
9_64	040823	1549932	6366531	gravel				2	3				0.1	0.4	1	0
9_65	040823	1549926	6366538	cobble					2	3	1		0.1	1.0	1	2
9_66	040823	1549921	6366547	cobble					1	3	2		0.1	0.5	1	1
9_67	040823	1549913	6366552	gravel					3	2	2		0.1	0.3	1	0
9_68	040823	1549908	6366561	gravel					3	2	1		0.1	0.3	1	0
9_69	040823	1549901	6366569	gravel		2			3	2			0.1	0.2	1	0
9_70	040823	1549893	6366568	cobble					2	3	1		0.2	1.5	1	3
9_71	040823	1549883	6366571										0.2	0.7	4	3
9_72	040823												0.2	0.7	4	3
9_73	040823	1549862	6366564	cobble					1	3	2		0.1	0.4	1	3
9_74	040823	1549852	6366561	cobble					1	3	2		0.1	0.3	1	3
9_75	040823	1549843	6366552	cobble					1	3	2		0.1	0.3	1	3
9_76	040823	1549836	6366545	cobble					1	3	2		0.1	0.4	1	3
9_77	040823	1549827	6366540	cobble					1	3	2		0.1	0.4	1	3
9_78	040823	1549818	6366545	cobble					1	3	2		0.1	0.4	1	3
9_79	040823			cobble					2	3	2		0.1	0.4	1	3
9_80	040823	1549799	6366547	cobble					2	3	2		0.1	0.4	1	3
9_81	040823			cobble					2	3	2		0.1	0.4	1	3
9_82	040823			cobble					2	3	2		0.1	0.4	1	3
9_83	040823			cobble					2	3	2		0.1	0.4	1	3
9_84	040823	1549760	6366548	cobble					2	3	2		0.1	0.4	1	3

9_85	040823			cobble					2	3	2		0.1	0.4	1	3
9_86	040823			cobble					2	3	2		0.1	0.4	1	3
9_87	040823	1549734	6366543	cobble					2	3	2		0.1	0.4	1	2
9_88	040823			cobble		2		1	2	3	2		0.2	0.4	1	2
9_89	040823	1549718	6366536	cobble		2		1	2	3	2		0.2	0.4	1	3
9_90	040823			cobble		2		1	2	3	2		0.2	0.4	1	2
9_91	040823	1549698	6366530	cobble		2		1	2	3	2		0.2	0.4	1	3
9_92	040823			cobble		2		1	2	3	2		0.3	1.5	4	2
9_93	040823	1549678	6366526												4	3
9_94	040823	1549666	6366524	clay	1		3			2			0.1	0.7	1	3
9_95	040823	1549656	6366523	clay			3			2			0.1	0.6	1	2
9_96	040823	1549646	6366522	cobble			2		2	2	1		0.1	0.4	2	2
9_97	040823	1549637	6366519	cobble			2		2	2	1		0.1	0.3	1	0
9_98	040823	1549629	6366516	cobble			2		2	2	1		0.1	0.5	1	0
9_99	040823	1549620	6366514	cobble			2		2	2			0.1	0.5	1	0
9_100	040823	1549610	6366512	cobble			2		2	2			0.1	0.4	1	1
9_101	040823	1549600	6366510	cobble			2		2	2			0.1	0.3	1	0
9_102	040823	1549592	6366509	cobble			2		2	2			0.1	0.2	1	0
9_103	040823	1549581	6366510	cobble			2		2	2			0.1	0.2	1	0
9_104	040823	1549571	6366511	cobble			2		2	2			0.1	0.2	1	0
9_105	040823	1549562	6366512	clay			2		2	2			0.1	0.2	1	0
9_106	040823	1549553	6366513	clay			2		2	2			0.1	0.2	1	0
9_107	040823	1549544	6366515	clay			2		2	2			0.1	0.3	1	0
9_108	040823	1549534	6366515	clay			2		2	2			0.1	0.3	1	0
9_109	040823	1549525	6366516	clay	2		2	2					0.1	0.4	1	0
9_110	040823	1549516	6366517	sand			2	2	2				0.1	0.4	1	0
9_111	040823	1549506	6366518	sand			2	2	2				0.1	0.4	1	0
9_112	040823	1549496	6366519	sand			2	2	2				0.1	0.4	1	0
9_113	040823	1549485	6366521	sand			2	2	2				0.1	0.3	1	0
9_114	040823	1549476	6366525	sand			2	2	2				0.1	0.3	1	1
9_115	040823	1549466	6366527	clay			2	2	2				0.1	0.4	1	0
9_116	040823	1549456	6366527	clay			2	2	2				0.1	0.4	1	0
9_117	040823	1549448	6366527	clay			2	2	2				0.1	0.5	1	0
9_118	040823	1549437	6366528	clay			2	2	2				0.1	0.5	1	0
9_119	040823	1549427	6366529	clay			2	2	2				0.1	0.4	4	0
9_120	040823	1549417	6366529	clay			2	2	2				0.1	0.4	1	0

9_121	040823	1549408	6366529	clay		2	2	2			0.1	0.5	1	1
9_122	040823	1549398	6366532	clay		2	2	2			0.1	0.5	1	1
9_123	040823	1549389	6366536	clay		2	2	2			0.1	0.5	1	2
9_124	040823	1549379	6366537	clay		2	2	2			0.1	0.5	1	2
9_125	040823	1549370	6366538	clay		2	2	2			0.1	0.5	1	1
9_126	040823	1549360	6366540	clay		2	2	2			0.1	0.5	1	0
9_127	040823	1549349	6366542	clay		2	2	2			0.1	0.5	1	0
9_128	040823	1549340	6366542	clay		2	2	2			0.1	0.5	1	0
9_129	040823	1549328	6366544	clay		2	2	2			0.1	0.5	1	0
9_130	040823	1549318	6366545	clay		2	2	2			0.1	0.5	1	0
9_131	040823	1549308	6366546	clay		2	2	2			0.1	0.5	1	0
9_132	040823	1549298	6366549	clay		2	2	2			0.1	0.5	1	0
9_133	040823	1549289	6366553	clay		2	2	2			0.1	0.5	1	0
9_134	040823	1549280	6366556	clay		2	2	2			0.1	0.4	1	0
9_135	040823	1549270	6366558	clay		2	2	2			0.1	0.4	1	0
9_136	040823	1549260	6366560	clay		2	2	2			0.1	0.4	1	0
9_137	040823	1549252	6366562	clay		2	2	2			0.1	0.4	1	0
9_138	040823	1549242	6366565	clay		2	2	2			0.1	0.4	1	0
9_139	040823	1549233	6366567	clay		2	2	2			0.1	0.4	1	0
9_140	040823	1549223	6366569	clay		2	2	2			0.1	0.4	1	0
9_141	040823	1549212	6366572	clay		2	2	2	2		0.1	0.4	1	0
9_142	040823	1549203	6366574	clay		2	2	2	2		0.1	0.4	1	0
9_143	040823	1549193	6366574	clay		2	2	2	2		0.1	0.4	1	0
9_144	040823	1549183	6366572	clay		2	2	2	2		0.1	0.4	1	0
9_145	040823	1549173	6366569	gravel		2	2	2	2		0.1	0.3	1	0
9_146	040823	1549165	6366561	gravel		2	2	2	2		0.1	0.3	1	0
9_147	040823	1549156	6366556	gravel		2	2	3	2		0.1	0.3	1	2
9_148	040823	1549147	6366552	gravel		2	2	3	2		0.1	0.3	1	2
9_149	040823			cobble	2				2	2	0.1	0.5	1	3
9_150	040823	1549131	6366552	fine org detr	3		2		2		0.1	0.7	1	3
9_151	040823	1549122	6366553	fine org detr	3		2		2		0.2	1.0	1	3
9_152	040823			fine org detr	3				2		0.1	1.2	1	3
9_153	040823			fine org detr	3				2		0.1	1.2	1	3
9_154	040823	1549100	6366541	fine org detr	3				2		0.1	1.2	1	3
9_155	040823	1549091	6366542	fine org detr	3				2		0.1	1.2	1	3
9_156	040823	1549082	6366544	fine org detr	3				2		0.1	1.2	1	3

9_157	040823	1549072	6366543	fine org detr	3			2		0.1	1.2	1	3
9_158	040823	1549065	6366549	boulder	2			2	3	0.1	1.2	1	3
9_159	040823	1549056	6366552	fine org detr	3			2	1	0.1	1.0	1	3
9_160	040823	1549046	6366556	fine org detr	2			2	1	0.1	0.6	1	3
9_161	040823	1549037	6366561	fine org detr	2			2	1	0.1	0.6	1	3
9_162	040823	1549027	6366563	fine org detr	2			2	1	0.1	0.5	1	3
9_163	040823	1549019	6366569	fine org detr	2			2	1	0.1	0.5	1	3
9_164	040823	1549007	6366574	fine org detr	2			2	1	0.1	0.5	1	3
9_165	040823	1549000	6366579	fine org detr	2			2		0.1	0.5	1	3
9_166	040823	1548990	6366578	fine org detr	2			2		0.1	0.5	1	3
9_167	040823	1548980	6366574	fine org detr	2			2		0.1	0.5	1	3
9_168	040823	1548970	6366571	fine org detr	2			2		0.1	0.5	1	3
9_169	040823	1548960	6366569	fine org detr	2			2		0.1	0.5	1	3
9_170	040823	1548951	6366572	fine org detr	2			2		0.1	0.5	1	3
9_171	040823	1548944	6366564	fine org detr	2			2		0.1	0.5	1	3
9_172	040823	1548933	6366564	fine org detr	2			2		0.1	0.5	1	3
9_173	040823			fine org detr	2			2	1	0.1	0.5	1	3
9_174	040823	1548913	6366556	fine org detr	2			2	1	0.1	0.5	1	3
9_175	040823	1548906	6366550	fine org detr	2			2	1	0.1	0.5	1	3
9_176	040823	1548898	6366547	fine org detr	2			2		0.1	0.5	1	3
9_177	040823	1548889	6366543	fine org detr	2			2		0.1	0.5	1	3
9_178	040823	1548880	6366538	fine org detr	2			2		0.1	0.5	1	3
9_179	040823	1548871	6366534	fine org detr	2			2	1	0.1	1.5	1	3
9_180	040823	1548863	6366529	fine org detr	3			2	1	0.1	2.0	1	3
9_181	040823	1548853	6366524	clay	2	3				0.2	2.0	1	3
9_182	040823	1548843	6366524	clay	2	3				0.2	2.0	1	3
9_183	040823	1548835	6366524	clay	2	3				0.2	2.0	1	3
9_184	040823	1548825	6366524	clay	2	3				0.2	2.0	1	3
9_185	040823	1548815	6366523	clay	2	3				0.2	2.0	1	3
9_186	040823	1548806	6366523	clay	2	3				0.2	2.0	1	3
9_187	040823	1548796	6366523	clay	2	3				0.2	2.0	1	3
9_188	040823	1548786	6366520	clay	2	3				0.2	2.0	1	3
9_189	040823	1548775	6366519	clay	2	3				0.2	1.5	1	3
9_190	040823	1548766	6366518	clay	2	3				0.2	1.3	1	3
9_191	040823	1548756	6366517	clay	2	3		2		0.2	1.2	1	3
9_192	040823	1548746	6366517	clay	2	3		2		0.2	1.2	1	3

9_193	040823	1548737	6366516	fine org detr	3	2	1			0.2	1.2	1	3
9_194	040823			fine org detr	3	2	1			0.2	1.2	1	3
9_195	040823	1548718	6366508	fine org detr	3	2	1			0.2	1.2	1	3
9_196	040823	1548708	6366508	fine org detr	3	2				0.2	1.2	1	3
9_197	040823	1548699	6366507	fine org detr	3	2				0.2	1.2	1	3
9_198	040823	1548691	6366503	fine org detr	3	1				0.2	1.2	1	3
9_199	040823	1548682	6366506	fine org detr	3	1				0.2	1.2	1	3
9_200	040823	1548673	6366505	fine org detr	3					0.2	1.2	1	3
9_201	040823	1548662	6366506	fine org detr	3					0.2	1.2	1	3
9_202	040823	1548653	6366507	fine org detr	3					0.2	1.2	1	3
9_203	040823	1548643	6366507	fine org detr	3		2	2		0.2	1.2	1	3
9_204	040823	1548634	6366506	fine org detr	3		2	2		0.2	1.2	1	3
9_205	040823	1548626	6366510	fine org detr	3		2			0.2	1.2	1	3
9_206	040823			fine org detr	3		2			0.1	1.0	1	3
9_207	040823	1548606	6366508	fine org detr	3		2			0.1	1.0	1	3
9_208	040823	1548595	6366516	fine org detr	3		2			0.1	1.0	1	3
9_209	040823	1548586	6366516	fine org detr	3		2			0.1	1.0	1	3
9_210	040823	1548576	6366513	fine org detr	3		2			0.1	1.0	1	3
9_211	040823	1548568	6366514	fine org detr	3					0.1	1.3	1	3
9_212	040823	1548558	6366513	fine org detr	3					0.1	1.3	1	2
9_213	040823	1548548	6366514	fine org detr	3					0.3	1.5	1	0
9_214	040823	1548538	6366508	fine org detr	3					0.2	2.0	1	0
9_215	040823	1548529	6366508	fine org detr	3					0.2	2.0	1	0
9_216	040823	1548520	6366509	fine org detr	3					0.2	2.0	1	0
9_217	040823	1548510	6366510	fine org detr	3					0.2	2.0	1	0
9_218	040823	1548500	6366511	fine org detr	3					0.3	2.0	1	0
9_219	040823	1548490	6366511	fine org detr	3					0.3	2.0	1	0
9_220	040823	1548480	6366512	fine org detr	3					0.3	2.0	1	0
9_221	040823	1548469	6366512	fine org detr	3					0.3	2.0	1	0
9_222	040823	1548459	6366513	fine org detr	3					0.3	2.0	1	0
9_223	040823	1548449	6366514	fine org detr	3					0.3	2.0	1	0
9_224	040823	1548439	6366514	fine org detr	3					0.3	2.0	1	0
9_225	040823	1548430	6366514	fine org detr	3					0.3	2.0	1	0
9_226	040823	1548419	6366515	fine org detr	3					0.3	2.0	1	0
9_227	040823	1548410	6366518	fine org detr	3					0.3	2.0	1	0
9_228	040823	1548401	6366524	fine org detr	3					0.3	2.0	1	0

9_229	040823	1548393	6366529	fine org detr	3	0.3	2.0	1	0
9_230	040823	1548384	6366534	fine org detr	3	0.3	2.0	1	0
9_231	040823	1548377	6366540	fine org detr	3	0.3	2.0	1	0
9_232	040823	1548368	6366546	fine org detr	3	0.3	2.0	1	0
9_233	040823	1548359	6366552	fine org detr	3	0.3	2.0	1	0
9_234	040823	1548350	6366558	fine org detr	3	0.3	2.0	1	0
9_235	040823	1548342	6366563	fine org detr	3	0.3	2.2	1	0
9_236	040823	1548334	6366569	fine org detr	3	0.3	2.2	1	0
9_237	040823	1548326	6366575	fine org detr	3	0.3	2.2	1	0
9_238	040823	1548317	6366581	fine org detr	3	0.3	2.2	1	0
9_239	040823	1548310	6366586	fine org detr	3	0.3	2.2	1	0
9_240	040823	1548302	6366592	fine org detr	3	0.3	2.2	1	0
9_241	040823	1548293	6366597	fine org detr	3	0.3	2.2	1	0
9_242	040823	1548284	6366603	fine org detr	3	0.3	2.2	1	0
9_243	040823	1548276	6366609	fine org detr	3	0.3	2.2	1	0
9_244	040823	1548267	6366615	fine org detr	3	0.3	2.2	1	0
9_245	040823	1548259	6366620	fine org detr	3	0.3	2.2	1	0
9_246	040823	1548251	6366627	fine org detr	3	0.3	2.2	1	0
9_247	040823	1548242	6366632	fine org detr	3	0.2	2.2	1	0
9_248	040823	1548233	6366638	fine org detr	3	0.2	2.2	1	0
9_249	040823	1548225	6366644	fine org detr	3	0.2	2.2	1	0
9_250	040823	1548216	6366649	fine org detr	3	0.2	2.2	1	0
9_251	040823	1548208	6366654	fine org detr	3	0.2	2.2	1	0
9_252	040823	1548199	6366660	fine org detr	3	0.1	2.2	1	0
9_253	040823	1548191	6366665	fine org detr	3	0.1	2.2	1	0
9_254	040823	1548183	6366670	fine org detr	3	0.1	2.2	1	0
9_255	040823	1548175	6366677	fine org detr	3	0.1	2.2	1	0
9_256	040823	1548167	6366683	fine org detr	3	0.1	2.2	1	0
9_257	040823	1548159	6366689	fine org detr	3	0.1	2.2	1	0
9_258	040823	1548151	6366695	fine org detr	3	0.1	2.2	1	0
9_259	040823	1548143	6366699	fine org detr	3	0.1	1.0	1	0
9_260	040823	1548135	6366704	fine org detr	3	0.1	1.0	1	0
9_261	040823	1548127	6366710	fine org detr	3	0.1	1.0	1	0
9_262	040823	1548118	6366717	fine org detr	3	0.1	1.0	1	0
9_263	040823	1548109	6366722	fine org detr	3	0.1	1.0	1	0
9_264	040823	1548099	6366727	fine org detr	3	0.1	1.0	1	0

9_265	040823	1548090	6366730	fine org detr	3	0.1	0.8	1	0
9_266	040823	1548081	6366733	fine org detr	3	0.1	0.8	1	0
9_267	040823	1548073	6366737	fine org detr	3	0.1	0.8	1	0
9_268	040823	1548064	6366740	fine org detr	3	0.1	0.6	1	0
9_269	040823	1548054	6366743	fine org detr	3	0.1	0.6	1	0
9_270	040823	1548045	6366747	fine org detr	3	0.1	0.6	1	0
9_271	040823	1548036	6366750	fine org detr	3	0.1	0.6	1	0
9_272	040823	1548027	6366754	fine org detr	3	0.1	0.6	1	0
9_273	040823	1548018	6366759	fine org detr	3	0.1	0.6	1	0
9_274	040823	1548009	6366762	fine org detr	3	0.1	0.6	1	0
9_275	040823	1548000	6366765	fine org detr	3	0.1	0.6	1	0
9_276	040823	1547991	6366768	fine org detr	3	0.1	0.6	1	0
9_277	040823	1547982	6366772	fine org detr	3	0.1	0.6	1	0
9_278	040823	1547973	6366776	fine org detr	3	0.1	0.6	1	0
9_279	040823	1547964	6366779	fine org detr	3	0.1	0.6	1	0
9_280	040823	1547954	6366782	fine org detr	3	0.1	0.4	1	0
9_281	040823	1547945	6366786	fine org detr	3	0.1	0.4	1	0
9_282	040823	1547936	6366790	fine org detr	3	0.1	0.4	1	0
9_283	040823	1547926	6366794	fine org detr	3	0.1	0.4	1	0
9_284	040823			fine org detr	3	0.1	0.4	1	0
9_285	040823	1547908	6366801	fine org detr	3	0.1	0.4	1	0
9_286	040823	1547898	6366805	fine org detr	3	0.1	0.4	1	0
9_287	040823	1547890	6366808	fine org detr	3	0.1	0.4	1	0
9_288	040823	1547881	6366812	fine org detr	3	0.1	0.4	1	0
9_289	040823	1547871	6366816	fine org detr	3	0.1	0.4	1	0
9_290	040823	1547862	6366819	fine org detr	3	0.1	0.4	1	0
9_291	040823	1547853	6366821	fine org detr	3	0.1	0.4	1	0
9_292	040823	1547844	6366827	fine org detr	3	0.1	0.4	1	0
9_293	040823	1547834	6366830	fine org detr	3	0.1	0.4	1	0
9_294	040823	1547825	6366834	fine org detr	3	0.1	0.4	1	0
9_295	040823	1547816	6366836	fine org detr	3	0.1	0.4	1	0
9_296	040823	1547807	6366840	fine org detr	3	0.1	0.4	4	2
9_297	040823	1547799	6366843	fine org detr	3	0.1	0.4	1	0
9_298	040823	1547790	6366848	fine org detr	3	0.1	0.4	1	0
9_299	040823	1547782	6366852	fine org detr	3	0.1	0.4	1	0
9_300	040823	1547773	6366855	fine org detr	3	0.1	0.4	1	0

9_301	040823	1547765	6366860	fine org detr	3						0	x
9_302	040823	1547757	6366864	fine org detr	3			0.1	0.4	1	0	
9_303	040823	1547748	6366868	fine org detr	3			0.1	0.4	1	0	
9_304	040823	1547739	6366873	fine org detr	3			0.1	0.4	1	0	
9_305	040823	1547731	6366877	fine org detr	3			0.1	0.4	1	0	
9_306	040823	1547723	6366880	fine org detr	3			0.1	0.4	4	3	
9_307	040824	1547713	6366885	fine org detr	3			0.1	0.4	1	0	
9_308	040824	1547703	6366885	fine org detr	3			0.1	0.4	1	0	
9_309	040824	1547694	6366886	fine org detr	3			0.1	0.4	1	0	
9_310	040824	1547684	6366890	fine org detr	3			0.1	0.4	1	0	
9_311	040824	1547675	6366892	fine org detr	3			0.1	0.4	1	0	
9_312	040824	1547665	6366895	fine org detr	3			0.1	0.2	1	0	
9_313	040824	1547656	6366899	fine org detr	3			0.1	0.2	1	0	
9_314	040824	1547647	6366904	fine org detr	3			0.1	0.2	1	0	
9_315	040824	1547638	6366908	fine org detr	3			0.1	0.2	1	0	
9_316	040824	1547631	6366914	fine org detr	3			0.1	0.2	1	0	
9_317	040824	1547622	6366919	fine org detr	3			0.1	0.2	1	0	
9_318	040824	1547614	6366923	fine org detr	3			0.1	0.4	1	1	
9_319	040824	1547608	6366933	fine org detr	3			0.1	0.4	1	1	
9_320	040824			fine org detr	3			0.1	1.5	1	3	
9_321	040824	1547591	6366943	fine org detr	3			0.1	1.5	1	3	
9_322	040824			fine org detr	3			0.1	1.2	1	3	
9_323	040824			fine org detr	3			0.1	1.2	1	3	
9_324	040824	1547565	6366959	fine org detr	3			0.2	1.2	1	3	
9_325	040824			fine org detr	3			0.2	1.2	1	3	
9_326	040824	1547552	6366970	fine org detr	3			0.2	1.2	1	3	
9_327	040824	1547544	6366974	fine org detr	3			0.1	1.0	1	3	
9_328	040824			fine org detr	2	2	2	0.1	1.0	1	3	
9_329	040824			fine org detr	2	2	2	0.1	1.0	1	3	
9_330	040824			fine org detr	2	2	2	0.1	1.0	1	3	
9_331	040824			fine org detr	2	2	2	0.1	1.2	1	3	
9_332	040824			fine org detr	2	2	1	0.1	1.2	1	3	
9_333	040824			fine org detr	3			0.1	1.2	1	2	
9_334	040824	1547495	6367018	fine org detr	3			0.1	1.2	1	2	
9_335	040824	1547488	6367025	fine org detr	3			0.1	1.0	1	0	
9_336	040824	1547482	6367033	fine org detr	3			0.1	1.0	1	0	

9_337	040824	1547476	6367042	fine org detr	3	0.1	1.0	1	0
9_338	040824	1547469	6367050	fine org detr	3	0.1	1.0	1	0
9_339	040824	1547463	6367057	fine org detr	3	0.1	1.0	1	0
9_340	040824	1547461	6367066	fine org detr	3	0.1	1.0	4	0
9_341	040824	1547463	6367075	fine org detr	3	0.2	1.3	1	0
9_342	040824	1547468	6367084	fine org detr	3	0.1	1.4	1	0
9_343	040824	1547470	6367094	fine org detr	3	0.1	1.4	1	0
9_344	040824	1547473	6367103	fine org detr	3	0.1	1.4	1	0
9_345	040824	1547474	6367113	fine org detr	3	0.1	1.4	1	0
9_346	040824	1547475	6367123	fine org detr	3	0.1	1.4	1	0
9_347	040824	1547479	6367132	fine org detr	3	0.1	1.4	1	0
9_348	040824	1547481	6367142	fine org detr	3	0.1	1.4	1	0
9_349	040824	1547483	6367151	fine org detr	3	0.4	1.5	1	3
9_350	040824	1547485	6367161	fine org detr	3	0.4	1.7	1	3
9_351	040824	1547486	6367169	fine org detr	3	0.4	1.7	1	3
9_352	040824	1547490	6367178	fine org detr	3	0.4	1.7	1	3
9_353	040824	1547490	6367187	fine org detr	3	0.4	1.5	1	3
9_354	040824	1547495	6367195	fine org detr	3	0.4	1.5	4	3
9_355	040824							1	3
9_356	040824	1547493	6367214	fine org detr	3	0.1	1.0	1	0
9_357	040824	1547494	6367224	fine org detr	3	0.1	1.0	1	0
9_358	040824	1547496	6367233	fine org detr	3	0.1	1.0	1	0
9_359	040824	1547500	6367243	fine org detr	3	0.1	1.0	1	0
9_360	040824	1547502	6367253	fine org detr	3	0.3	1.0	1	0
9_361	040824	1547504	6367263	fine org detr	3	0.2	1.0	1	0
9_362	040824	1547507	6367273	fine org detr	3	0.2	1.0	1	0
9_363	040824	1547510	6367283	fine org detr	3	0.2	1.0	1	0
9_364	040824	1547513	6367292	fine org detr	3	0.1	0.4	1	0
9_365	040824	1547515	6367302	fine org detr	3	0.1	0.4	1	0
9_366	040824	1547517	6367311	fine org detr	3	0.1	0.4	1	0
9_367	040824	1547519	6367320	fine org detr	3	0.1	0.4	1	0
9_368	040824	1547521	6367329	fine org detr	3	0.1	0.4	1	0
9_369	040824	1547524	6367339	fine org detr	3	0.1	0.4	1	0
9_370	040824	1547527	6367348	fine org detr	3	0.1	0.4	1	0
9_371	040824	1547529	6367357	fine org detr	3	0.1	0.4	1	0
9_372	040824	1547531	6367367	fine org detr	3	0.1	0.4	1	0

9_373	040824	1547534	6367377	fine org detr	3					0.1	0.4	1	0	
9_374	040824	1547538	6367386	fine org detr	3					0.1	0.4	1	0	
9_375	040824	1547538	6367396	fine org detr	3					0.1	0.4	1	0	
9_376	040824	1547538	6367405									4	3	
9_377	040824	1547538	6367415									1	3	
9_378	040824											1	3	
9_379	040824											1	3	
9_380	040824											1	3	
9_381	040824	1547543	6367456	fine org detr	3		1						3	x
9_382	040824			fine org detr	3		1						3	x
9_383	040824	1547542	6367474	fine org detr	3		1						3	x
9_384	040824	1547541	6367482	fine org detr	3		1						3	x
9_385	040824	1547539	6367490	fine org detr	3		1						3	x
9_386	040824	1547536	6367499	fine org detr	3		1			0.1	0.3	1	3	
9_387	040824	1547533	6367507									4	3	
9_388	040824	1547533	6367517	fine org detr	3		1	1		0.1	0.3	1	3	
9_389	040824	1547533	6367526	fine org detr	3		1			0.1	0.3	1	3	
9_390	040824	1547531	6367536	fine org detr	3		1			0.1	0.3	1	3	
9_391	040824	1547528	6367544	fine org detr	3					0.2	0.3	1	3	
9_392	040824	1547523	6367553	fine org detr	3					0.2	1.2	1	3	
9_393	040824	1547519	6367560	fine org detr	3					0.1	0.4	1	3	
9_394	040824			fine org detr	3					0.1	0.2	1	3	
9_395	040824	1547531	6367573									4	3	
9_396	040824											4	3	
9_397	040824	1547548	6367585									4	3	
9_398	040824											4	3	
9_399	040824											4	3	
10_1	040818			cobble		1	3	2		0.7	2.7	1	2	
10_2	040818	1550397	6366139							0.3	2.70	1	3	
10_3	040818	1550398	6366129	cobble		1	3	2		0.7	3.0	1	3	
10_4	040818	1550392	6366120	cobble		1	3	2		1.0	3.0	1	3	
10_5	040818	1550387	6366113	cobble		1	3	1		1.2	4.0	1	3	
10_6	040818	1550380	6366107	cobble		1	3	2		1.2	4.0	1	3	
10_7	040818	1550373	6366101	cobble		1	3	2		1.5	5.0	1	3	
10_8	040818	1550368	6366096	cobble		1	3	1		1.5	5.0	1	3	
10_9	040818	1550363	6366089	cobble		1	3	2		1.5	4.5	1	3	

10_10	040818	1550358	6366082	cobble					1	3	2	1.1	4.5	1	3
10_11	040818	1550351	6366072	cobble					1	3	2	1.1	4.5	1	3
10_12	040818	1550345	6366064	cobble					1	3	2	1.1	4.5	1	3
10_13	040818	1550342	6366055	cobble					1	3	2	1.0	5.0	1	3
10_14	040818	1550345	6366041	cobble					1	3	2	0.8	5.0	1	3
10_15	040818	1550357	6366037	cobble					1	3	2	0.9	5.0	1	3
10_16	040818	1550365	6366032	cobble					1	3	2	0.8	5.0	1	3
10_17	040818	1550375	6366029	cobble		2			1	2	1	0.8	5.0	1	2
10_18	040818	1550386	6366024	cobble		2				3	1	0.8	5.0	1	2
10_19	040818	1550393	6366016	cobble		2				3	2	0.8	5.0	1	2
10_20	040818	1550409	6366015	cobble		2				3	2	0.8	5.0	1	2
10_21	040818	1550422	6366015	cobble		2				3	1	0.8	5.0	1	2
10_22	040818	1550433	6366016	cobble	2	2				3	1	0.8	5.0	1	2
10_23	040818	1550444	6366012	cobble	2	2				3	1	0.8	5.0	1	2
10_24	040818	1550454	6366006	boulder	1	2				2	3	0.8	5.0	1	2
10_25	040818	1550466	6366001	boulder		1				2	3	0.6	5.0	1	2
10_26	040818	1550464	6365991	clay		3				2	2	1.1	5.0	1	2
10_27	040818	1550460	6365982	clay		3				2	2	1.1	5.0	1	2
10_28	040818	1550455	6365973	clay		3				2	2	0.7	5.0	1	2
10_29	040818	1550450	6365964	boulder		2				3	2	0.7	5.0	1	2
10_30	040818	1550446	6365956	boulder		2				3	2	0.7	5.0	1	2
10_31	040818	1550441	6365948	boulder		2				3	2	0.8	4.0	1	2
10_32	040818	1550438	6365939	cobble					1	3	1	0.6	4.0	1	3
10_33	040818	1550433	6365934	cobble					1	3	1	0.6	4.0	1	3
10_34	040818	1550427	6365923	cobble					2	3	1	0.5	3.0	1	3
10_35	040818			cobble					2	3	1	0.4	2.0	2	3
10_36	040818	1550412	6365910	cobble	2				2	3	1	0.3	2.0	2	3
10_37	040818	1550403	6365903	cobble	1			1	2	3	1	0.3	2.0	2	3
10_38	040818	1550396	6365896	cobble	1	2			2	3	1	0.4	2.0	1	2
10_39	040818	1550390	6365892	clay	1	3				2		0.4	2.0	1	2
10_40	040818			clay	1	3						1.0	3.5	1	2
10_41	040818			clay	1	3					2	1.0	3.5	1	2
10_42	040818	1550365	6365876	clay	2	3					2	1.0	3.5	1	2
10_43	040818	1550355	6365871	clay	2	3					2	1.0	3.5	1	2
10_44	040818	1550344	6365866	clay	2	3					1	1.0	3.5	1	2
10_45	040818	1550336	6365860	clay	1	3					1	1.1	3.5	1	2

10_46	040818	1550324	6365853	clay	2	3					1.0	3.5	1	2
10_47	040818	1550313	6365846	clay		3					1.1	3.0	1	2
10_48	040818	1550307	6365839	clay		3					1.1	3.0	1	2
10_49	040818	1550303	6365831	clay	2	3					1.1	3.0	1	2
10_50	040818	1550295	6365822	clay	2	3					1.0	3.5	1	2
10_51	040818	1550286	6365815	clay	2	3					0.8	3.5	1	2
10_52	040818			clay	2	3					0.8	3.5	1	3
10_53	040818	1550267	6365801	clay	2	3					0.8	2.0	1	2
10_54	040818	1550259	6365797	clay	1	3					0.8	2.0	1	3
10_55	040818	1550251	6365797	clay	2	3					0.4	3.0	1	3
10_56	040818	1550237	6365796	clay	2	3	2	1			0.4	3.0	1	3
10_57	040818	1550226	6365803	sand	2	2	3	2			0.4	3.5	1	3
10_58	040818	1550218	6365791	sand	2	2	3	2			0.4	3.5	1	3
10_59	040818	1550211	6365787	sand	2	1	3	1		2	0.4	3.5	1	3
10_60	040818	1550206	6365780	sand	2	1	3	1		2	0.4	3.5	1	3
10_61	040818	1550201	6365775	boulder			1		2	2	0.4	3.0	1	3
10_62	040818			boulder			1		2	2	0.4	3.0	1	3
10_63	040818	1550184	6365760	boulder			1		2	2	0.5	3.0	1	3
10_64	040818	1550178	6365753	sand	1		3		2	2	1.5	8.0	1	2
10_65	040818	1550178	6365744	sand	1		3		2	2	1.5	4.0	1	2
10_66	040818	1550180	6365733	cobble	1		1	2	2	1	0.2	2.5	2	2
10_67	040818	1550178	6365721	cobble	1		1	2	2	1	0.4	3.0	1	2
10_68	040818	1550167	6365719	boulder	1			2	2	2	0.2	1.5	2	2
10_69	040818	1550154	6365714	cobble				2	2	2	0.4	1.5	4	2
10_70	040819	1550141	6365713	boulder	1		2		2	3	0.4	2.0	1	1
10_71	040819	1550132	6365708	boulder			2		2	3	0.4	2.0	1	2
10_72	040819	1550123	6365699	cobble			2		3	2	0.9	4.0	1	2
10_73	040819	1550115	6365691	cobble			2		3	2	0.6	2.5	1	1
10_74	040819			cobble			2		3	2	0.4	2.0	1	1
10_75	040819	1550091	6365691	clay	2	3			1		0.4	2.0	1	2
10_76	040819	1550080	6365692	clay	2	3			1		0.4	2.0	1	1
10_77	040819	1550070	6365693	clay	2						0.7	2.0	1	1
10_78	040819	1550061	6365694	clay	2						0.4	4.5	1	2
10_79	040819	1550050	6365693	clay	2						0.4	3.5	1	2
10_80	040819			clay	2						0.4	2.5	1	1
10_81	040819	1550029	6365697	clay	2						0.3	2.5	1	1

10_82	040819	1550018	6365694	clay	2				0.3	2.0	1	1
10_83	040819	1550005	6365694	clay	2				0.2	2.0	1	1
10_84	040819	1549993	6365694	clay	2				0.2	2.0	1	1
10_85	040819	1549981	6365693	clay	2				0.2	2.0	1	0
10_86	040819	1549970	6365693	clay	1				0.3	2.0	1	0
10_87	040819	1549959	6365693	clay	1				0.3	2.0	1	0
10_88	040819	1549949	6365694	clay	2				0.5	1.8	1	0
10_89	040819	1549939	6365694	clay	2				0.2	2.0	1	0
10_90	040819	1549926	6365693	clay	2				0.2	2.0	1	0
10_91	040819	1549916	6365692	clay	2				0.2	3.0	1	0
10_92	040819	1549905	6365691	clay	2				0.3	3.0	1	0
10_93	040819	1549895	6365688	clay	2				0.4	2.3	1	0
10_94	040819	1549885	6365685	clay	2				0.4	3.0	1	0
10_95	040819	1549872	6365682	clay	2				0.3	3.0	1	0
10_96	040819	1549862	6365679	clay	2				0.3	3.0	1	0
10_97	040819	1549853	6365677	clay	2				0.5	2.5	1	0
10_98	040819	1549843	6365675	clay	2				0.4	2.4	1	0
10_99	040819	1549833	6365672	clay	2				0.8	2.5	1	0
10_100	040819	1549824	6365669	clay	1				0.8	2.5	1	0
10_101	040819	1549814	6365666	clay	1				0.8	2.5	1	0
10_102	040819	1549804	6365663	clay	1				0.8	2.5	1	0
10_103	040819	1549794	6365665	clay	1				0.8	2.5	1	0
10_104	040819	1549783	6365665	clay	1				0.8	2.5	1	0
10_105	040819	1549772	6365662	clay	1				0.8	2.5	1	0
10_106	040819	1549762	6365659	clay	1				0.6	2.5	1	0
10_107	040819	1549751	6365652	clay	1				0.6	2.5	1	0
10_108	040819	1549739	6365648	clay	2	1	3		0.5	3.5	1	2
10_109	040819	1549726	6365648	clay	2	1	3		0.4	4.0	1	2
10_110	040819	1549714	6365646	clay	2	1	3		0.4	4.0	1	3
10_111	040819	1549705	6365645	clay	2	1	3		0.4	4.5	1	3
10_112	040819	1549694	6365642	clay	2	1	3		0.5	4.5	1	3
10_113	040819	1549684	6365636	clay	2	1	3		0.5	4.5	1	3
10_114	040819	1549674	6365633	clay	2	1	3		0.5	4.5	1	3
10_115	040819	1549663	6365634	clay	2	1	3	2	0.5	4.0	1	2
10_116	040819	1549654	6365627	clay	2	1	3	2	0.5	3.5	1	2
10_117	040819	1549644	6365623	clay	2	1	3	2	0.5	3.5	1	2

10_118	040819	1549636	6365618	clay	2	1	3				2	0.5	3.5	1	2
10_119	040819	1549629	6365615	clay	2	1	3				2	0.6	3.5	1	2
10_120	040819	1549622	6365609	clay	2	1	3				2	0.6	3.5	1	2
10_121	040819	1549612	6365606	clay	2	1	3				2	0.5	3.5	1	2
10_122	040819	1549603	6365599	clay	2	1	3				1	0.5	3.0	1	2
10_123	040819	1549594	6365598	clay	2	1	3				1	0.5	3.0	1	2
10_124	040819	1549589	6365587	clay	2	1	3				1	0.7	3.0	1	2
10_125	040819	1549583	6365578	clay	2	1	3					0.5	3.0	1	2
10_126	040819	1549574	6365571	clay	2	1	3					0.4	3.0	1	2
10_127	040819	1549566	6365565	clay	2	1	3				2	0.4	3.0	1	2
10_128	040819			clay	2	1	3				2	0.8	3.0	1	2
10_129	040819			clay	2	1	3				2	0.3	3.5	1	2
10_130	040819	1549543	6365536	clay	2	1	3	2			2	0.6	3.0	1	2
10_131	040819	1549531	6365534	clay	1		3	2			1	0.5	2.0	1	1
10_132	040819	1549520	6365539	cobble	1		1	2		3	1	0.3	1.8	1	1
10_133	040819	1549510	6365538	cobble	1				1	3	1	0.2	4.0	1	2
10_134	040819	1549500	6365534	cobble				1	1	3	2	0.5	6.0	1	1
10_135	040819	1549490	6365530	cobble			2	1	2	3	2	0.3	3.0	1	3
10_136	040819	1549479	6365529	gravel		2		2	2	1	1	0.3	2.5	1	2
10_137	040819	1549469	6365526	cobble					2	2	2	0.3	2.0	2	3
10_138	040819	1549455	6365527	cobble		1	1		2	2	2	0.3	2.0	2	2
10_139	040819	1549442	6365524	cobble		2	1		2	2	2	0.3	2.0	2	1
10_140	040819	1549428	6365522	gravel	1	2			2	2	2	0.4	2.5	1	1
10_141	040819	1549413	6365522	clay	1	2	3		2		2	0.7	2.5	1	2
10_142	040819	1549402	6365520	clay	1		3		2	2	2	0.6	2.5	1	3
10_143	040819	1549391	6365518	boulder	1				1	2	2	0.5	2.5	1	3
10_144	040819	1549382	6365517	cobble	1				2	2	2	0.4	2.5	1	3
10_145	040819	1549374	6365514	cobble	1				2	3	2	0.3	2.5	1	3
10_146	040819	1549366	6365507	cobble	1				2	3	2	0.4	2.5	1	3
10_147	040819	1549362	6365496	cobble					2	3	2	0.3	3.0	1	3
10_148	040819			cobble	1			1	2	3	1	0.2	3.0	2	3
10_149	040819	1549351	6365481	cobble				2	2	3	1	0.2	2.5	1	3
10_150	040819	1549344	6365475	cobble				2	2	3	1	0.2	2.5	1	2
10_151	040819	1549338	6365468	cobble		1		2	2	3	1	0.2	2.5	1	2
10_152	040819	1549330	6365461	cobble		1		2	2	3	1	0.2	2.5	1	2
10_153	040819	1549322	6365455	sand	1	1		3	2	2	1	0.5	2.5	1	3

10_154	040819	1549312	6365453	clay	1	2	2	2			2	0.6	2.5	1	3
10_155	040819	1549305	6365447	clay	1	2	2	2			2	0.6	2.5	1	3
10_156	040819	1549297	6365442	clay	1	2	2	2			2	0.6	2.5	1	3
10_157	040819	1549288	6365435	clay	1	2	3	2			1	0.6	2.5	1	3
10_158	040819	1549279	6365431	clay	1	2	3	2			1	0.6	2.5	1	3
10_159	040819	1549272	6365420	clay	1	2	3	2			2	0.5	2.5	1	3
10_160	040819	1549261	6365417	clay	1	2	3				2	0.5	2.5	1	3
10_161	040819			clay	1		3				1	0.5	2.5	1	3
10_162	040819			clay	1		3				1	0.7	2.5	1	3
10_163	040819	1549239	6365399	clay	1		3			2	1	0.7	2.5	1	2
10_164	040819	1549234	6365393	clay	1		3			2	1	0.6	1.3	1	1
10_165	040819	1549224	6365391	clay	1		3					0.5	1.5	1	3
10_166	040819	1549214	6365394	gravel				2	2	2	1	0.3	1.5	2	3
10_167	040819			gravel				2	2	2	2	0.2	1.3	2	2
10_168	040819	1549198	6365402	cobble	1		2	1	2	3	1	0.3	2.0	1	3
10_169	040819	1549188	6365399	cobble	1		2	1	2	3		0.3	2.0	1	3
10_170	040819	1549180	6365394	cobble	1		2	1	2	3		0.3	2.5	1	3
10_171	040819	1549171	6365388	cobble			2	1	2	3	1	0.3	2.5	1	3
10_172	040819	1549161	6365384	cobble			2	2	2	2	1	0.4	2.3	1	3
10_173	040819	1549154	6365377	clay			3	2	1	2	2	0.4	2.0	1	3
10_174	040819	1549145	6365372	clay			3	2	1	2	2	0.4	2.0	1	3
10_175	040819	1549140	6365367	cobble				2	2	2	2	0.4	2.0	1	3
10_176	040819	1549135	6365359	clay			3	2	2	2	2	0.5	2.0	1	3
10_177	040819	1549132	6365349	clay			3	1	1			0.5	2.0	1	3
10_178	040819			clay			2	2	2	1	2	0.5	2.0	1	3
10_179	040819	1549122	6365333	gravel			2	2	3	2	1	0.5	2.0	1	3
10_180	040819	1549114	6365327	gravel			2	2	2	2	1	0.4	2.0	1	3
10_181	040819	1549103	6365323	sand			2	2	2	2	1	0.2	2.0	1	3
10_182	040819			sand			2	2	2	2	1	0.2	2.0	2	3
10_183	040819			gravel			2	2	2	2	1	0.3	2.3	2	3
10_184	040819	1549072	6365313	cobble			1		2	3	1	0.3	2.3	2	3
10_185	040819			cobble			1		2	3	1	0.2	2.0	2	3
10_186	040819			cobble			2		2	2	1	0.3	2.0	1	3
10_187	040819			cobble			2		2	2	1	0.3	2.0	1	3
10_188	040819			cobble			2		2	2	1	0.2	2.0	1	3
10_189	040819			cobble			2		2	2	1	0.2	2.0	2	3

10_190	040819			cobble			2		2	2	1		0.2	2.0	2	3
10_191	040819	1549003	6365309	cobble			2		2	2	2		0.2	2.0	2	3
10_192	040819	1548994	6365303	cobble			2		2	2	2		0.2	2.0	1	3
10_193	040819	1548987	6365297	gravel			1		2	2	2		0.2	2.0	1	3
10_194	040819	1548978	6365291	cobble					2	2	2		0.2	2.0	2	3
10_195	040819	1548969	6365290	gravel			2		2	2	2		0.3	2.0	1	3
10_196	040819	1548959	6365287	gravel			2		2	2	1		0.3	2.0	1	3
10_197	040819	1548951	6365289	clay			3		2	2	1		0.6	2.0	1	3
10_198	040819	1548942	6365289	clay			3				1		0.5	2.0	1	3
10_199	040819			clay			3	2	2				0.5	2.0	1	3
10_200	040819	1548922	6365293	sand			2	2	2				0.5	2.0	1	3
10_201	040819	1548914	6365295	gravel				2	2	2	1		0.4	2.0	1	3
10_202	040819	1548905	6365300	gravel				2	2	2	1		0.4	2.0	1	3
10_203	040819	1548897	6365304	clay		2	3				2		0.6	2.5	1	3
10_204	040819	1548888	6365306	clay		2	3						0.7	2.0	1	2
10_205	040819	1548879	6365301	fine org detr		3							0.8	2.0	1	3
10_206	040819	1548872	6365296	gravel			2	2	2	2	2		0.4	2.0	1	3
10_207	040819	1548866	6365291	gravel			2	2	2	2	2		0.3	2.0	1	3
10_208	040819	1548860	6365285	gravel			2	2	2	2	2		0.3	2.0	1	3
10_209	040819	1548852	6365280	gravel			2	2	2	2	1		0.3	2.0	1	3
10_210	040819	1548843	6365280	gravel			2		2	2	1		0.4	2.0	1	3
10_211	040819			gravel				2	2	2	2		0.3	2.0	1	3
10_212	040819	1548828	6365293	gravel				2	2	2	2		0.3	2.0	1	3
10_213	040819	1548821	6365301	gravel			2	2	2	2	1		0.3	2.0	2	3
10_214	040819	1548812	6365304	sand			2	2	2	2	2		0.3	1.0	2	2
10_215	040819	1548804	6365309	gravel			2	2	2	2	1		0.3	1.5	1	3
10_216	040819	1548795	6365313	gravel			1	2	2	2	1		0.5	1.5	1	1
10_217	040819	1548787	6365314	gravel			1	2	2	2	1		0.4	1.5	1	3
10_218	040819	1548778	6365309	gravel			1	2	2	2	1		0.4	2.0	1	2
10_219	040819	1548772	6365303	gravel			1	2	2	2	1		0.3	1.8	1	3
10_220	040819			gravel			1	2	2	2	1		0.3	1.8	1	3
10_221	040819	1548763	6365284	sand				2	2	2			0.3	1.8	1	3
10_222	040819	1548755	6365277	sand		2		2	2	2	2		0.5	2.5	1	3
10_223	040819	1548744	6365278	clay			3						0.4	2.0	1	3
10_224	040819	1548733	6365284	clay	1		3						0.5	2.5	1	3
10_225	040819	1548722	6365286	clay	1		3						0.6	2.5	1	3

10_226	040819	1548714	6365291	clay	1		3	1	2			0.6	2.5	1	3
10_227	040819	1548706	6365298	clay	1		3					0.5	2.5	2	3
10_228	040819	1548698	6365304	sand				3				0.4	2.5	1	3
10_229	040819	1548691	6365313	sand				3	2	2		0.3	2.5	1	3
10_230	040819	1548683	6365318	clay			2	2	1	1		0.4	2.5	1	3
10_231	040819			clay			3	2	1	1		0.6	2.5	1	3
10_232	040819			sand			2	2	2	2		0.6	2.5	4	3
10_233	040819			clay			2	2		2	1	0.6	2.5	1	3
10_234	040819	1548648	6365328	clay			3				1	0.5	2.0	1	3
10_235	040819			sand			2	2	1			0.4	2.0	1	3
10_236	040819			sand			2	2	1	2	2	0.4	2.0	1	3
10_237	040819			fine org detr		3					2	0.4	2.0	1	3
10_238	040819			sand	1	2		3			1	0.4	2.0	1	3
10_239	040819			sand	1	2		3				0.4	2.0	1	3
10_240	040819			sand	1			3				0.3	2.0	1	3
10_241	040819			sand	1			3				0.2	2.0	1	3
10_242	040819			sand				2	2	2	2	0.2	1.5	2	3
10_243	040819	1548564	6365325	gravel				2	2	2	2	0.2	1.8	2	3
10_244	040819	1548555	6365327	clay			3	2			2	0.4	2.0	1	2
10_245	040819	1548545	6365324	sand			2	2			2	0.4	2.0	1	2
10_246	040819	1548537	6365329	clay			2	2			2	0.3	2.0	1	3
10_247	040819	1548529	6365336	clay			2	2			2	0.3	2.0	1	3
10_248	040819	1548519	6365337	cobble				2	1	2	2	0.3	2.0	1	3
10_249	040819	1548511	6365342	cobble				2	2	2	2	0.2	2.0	1	3
10_250	040819	1548502	6365344	cobble				1	2	3	2	0.2	2.0	1	2
10_251	040819	1548494	6365348	sand			2	3		1		0.3	2.0	1	2
10_252	040819	1548484	6365351	sand			2	3		1		0.3	2.0	1	3
10_253	040819	1548476	6365353	sand			1	3		1	1	3.0	2.0	1	3
10_254	040819	1548465	6365353	sand			2	2		2	2	0.3	2.0	1	3
10_255	040819			sand			2	3				0.3	2.0	1	3
10_256	040819			sand			1	3				0.6	2.0	1	3
10_257	040819	1548435	6365357	sand			1	3			2	0.2	2.0	1	3
10_258	040819	1548425	6365358	sand			1	3			2	0.3	1.8	1	3
10_259	040819			sand			2	2				0.3	1.5	2	3
10_260	040819	1548405	6365356	sand			1	3	2			0.4	1.5	1	2
10_261	040819	1548392	6365356	sand		2	2	3				0.4	2.0	2	2

10_262	040820	1548382	6365358	clay		1	3	2	1			0.5	2.0	2	1
10_263	040820	1548371	6365360	clay		1	3	2				0.5	2.0	1	1
10_264	040820	1548361	6365358	clay		1	3	2				0.5	2.0	1	2
10_265	040820	1548352	6365358	clay		1	3	2	2			0.5	2.0	1	3
10_266	040820	1548341	6365360	gravel			2	2	2	2		0.5	2.0	1	3
10_267	040820	1548334	6365363	gravel			2	2	2	2	1	0.3	2.0	1	3
10_268	040820	1548326	6365363	sand				3	2	2	1	0.5	2.0	1	3
10_269	040820	1548317	6365364	sand			2	3	2	2	1	0.5	2.0	1	3
10_270	040820	1548308	6365367	sand			2	2	2	2	1	0.5	2.0	1	3
10_271	040820	1548301	6365372	clay			2	2	2	2	1	0.5	2.0	1	3
10_272	040820	1548292	6365373	clay			2	2	2			0.4	3.0	1	2
10_273	040820	1548284	6365374	cobble				2	2	2		0.2	2.0	2	3
10_274	040820	1548276	6365373	gravel				2	3	2	2	0.2	1.5	1	3
10_275	040820	1548267	6365375	gravel			1	2	2	2	2	0.4	2.0	1	3
10_276	040820	1548260	6365379	sand			1	3	2	2	2	0.5	2.0	1	3
10_277	040820	1548254	6365385	sand	1			3			1	0.4	2.5	1	3
10_278	040820	1548245	6365390	sand			2	3	2		1	0.4	2.5	1	3
10_279	040820	1548239	6365396	cobble				2	2	2	2	0.5	2.5	1	3
10_280	040820	1548230	6365399	gravel					3	2	2	0.2	1.5	2	3
10_281	040820	1548222	6365401	cobble					2	3	2	0.2	1.5	2	3
10_282	040820	1548214	6365409	cobble					2	3	2	0.1	1.5	2	3
10_283	040820	1548206	6365414	cobble					2	3	2	0.2	1.5	2	3
10_284	040820	1548200	6365422	gravel				2	2	2	2	0.6	2.0	1	3
10_285	040820	1548195	6365431	cobble			1		2	3	2	0.4	2.0	1	3
10_286	040820	1548186	6365433	cobble			1		2	3	2	0.5	2.0	1	3
10_287	040820	1548177	6365432	cobble			2		2	2	2	0.5	2.0	1	3
10_288	040820	1548168	6365433	cobble			2		2	2	2	0.5	2.0	1	3
10_289	040820			cobble			2		1	3	2	0.5	2.0	1	3
10_290	040820	1548153	6365444	cobble			2		2	2	2	0.6	2.0	1	3
10_291	040820	1548146	6365448	boulder			2				3	0.9	3.0	1	3
10_292	040820	1548141	6365453	boulder			2	2			3	0.5	3.0	1	3
10_293	040820	1548134	6365453	cobble	1		1	1	2	3		0.2	2.5	2	3
10_294	040820	1548125	6365452	clay	1		3	1			2	0.6	3.0	1	3
10_295	040820	1548115	6365450	clay			3	1				0.7	2.5	1	3
10_296	040820	1548105	6365448	clay			3	1				0.7	2.5	1	3
10_297	040820	1548095	6365448	sand			2	3	1			0.5	2.5	1	1

10_298	040820	1548086	6365443	cobble	1	1	1	3		0.2	2.3	1	3
10_299	040820			cobble	2	1	1	2		0.4	2.2	1	3
10_300	040820	1548064	6365437	sand	2	2			2	0.5	2.3	1	3
10_301	040820			clay	3	2				0.6	2.5	1	3
10_302	040820	1548046	6365427	clay	3	2				0.4	2.5	1	3
10_303	040820	1548037	6365434	clay	3	2				0.4	1.8	1	2
10_304	040820	1548025	6365435	clay	3	2			1	0.4	1.8	1	3
10_305	040820	1548014	6365439	clay	3	2	1		1	0.4	2.0	1	3
10_306	040820	1548003	6365440	cobble	2	2		2	2	0.3	2.0	2	3
10_307	040820	1547993	6365444	clay	2	2			2	0.5	2.0	1	3
10_308	040820			sand	2	3				0.3	2.0	1	3
10_309	040820	1547973	6365450	sand	2	3			1	0.7	2.0	1	3
10_310	040820			clay	3	2				0.8	2.5	1	3
10_311	040820	1547955	6365455	clay	3	2				0.4	2.5	1	3
10_312	040820			clay	3	2				0.4	2.5	1	3
10_313	040820	1547938	6365450	clay	3	2				0.4	2.5	1	3
10_314	040820	1547926	6365450	clay	3	2				0.5	2.5	1	3
10_315	040820	1547916	6365448	clay	3	2				0.6	2.5	1	3
10_316	040820	1547904	6365448	clay	3	2				0.4	2.2	1	2
10_317	040820	1547895	6365447	gravel	1	2	2	2		0.4	2.2	1	2
10_318	040820	1547885	6365449	gravel	1		2	2		0.2	2.2	1	3
10_319	040820	1547874	6365448	cobble		2	2	3		0.2	2.3	1	3
10_320	040820			cobble		2	2	3		0.2	2.3	1	3
10_321	040820	1547856	6365448	gravel		2	3	2	1	0.2	2.3	1	3
10_322	040820	1547846	6365447	gravel			3	2	1	0.2	2.3	1	3
10_323	040820	1547836	6365446	gravel	2	2	2			0.3	2.5	2	3
10_324	040820	1547828	6365448	cobble			2	3	2	0.3	2.3	1	3
10_325	040820	1547819	6365447	gravel			3	2	1	0.5	2.0	1	2
10_326	040820	1547809	6365450	clay	3	2				0.5	1.5	1	1
10_327	040820	1547800	6365456	clay	3	2				0.5	1.5	2	1
10_328	040820	1547790	6365458	clay	3	2				0.7	2.0	1	0
10_329	040820	1547780	6365461	clay	3	2				0.7	2.0	1	0
10_330	040820	1547770	6365465	clay	3	2				0.7	2.0	1	0
10_331	040820	1547762	6365467	clay	3	2				0.6	2.0	1	0
10_332	040820	1547755	6365472	clay	3	2				0.6	2.0	1	0
10_333	040820	1547748	6365478	clay	3	2				0.6	2.0	1	0

10_334	040820	1547739	6365482	clay	3	2	0.6	2.0	1	0
10_335	040820	1547731	6365486	clay	3	2	0.6	2.0	1	0
10_336	040820	1547723	6365493	clay	3	2	0.6	2.0	1	0
10_337	040820	1547717	6365499	clay	3	2	0.5	2.0	1	0
10_338	040820	1547710	6365504	clay	3	2	0.5	2.0	1	0
10_339	040820	1547703	6365510	clay	3	2	0.5	2.0	1	0
10_340	040820	1547698	6365517	clay	3	2	0.5	2.0	1	0
10_341	040820	1547689	6365522	clay	3	2	0.5	2.0	1	0
10_342	040820	1547684	6365529	clay	3	2	0.5	2.0	1	0
10_343	040820	1547678	6365534	clay	3	2	0.5	2.0	1	0
10_344	040820	1547671	6365539	clay	3	2	0.5	2.0	1	0
10_345	040820	1547663	6365546	clay	3	2	0.5	2.0	1	0
10_346	040820	1547659	6365554	clay	3	2	0.5	2.0	1	0
10_347	040820	1547652	6365558	clay	3	2	0.5	2.0	1	0
10_348	040820	1547646	6365565	clay	3	2	0.5	2.0	1	0
10_349	040820	1547639	6365572	clay	3	2	0.5	2.0	1	0
10_350	040820	1547631	6365577	clay	3	2	0.5	2.3	1	0
10_351	040820	1547624	6365583	clay	3	2	0.5	2.3	1	0
10_352	040820	1547615	6365589	clay	3	2	0.5	2.0	1	0
10_353	040820	1547606	6365594	clay	3	2	0.5	2.0	1	0
10_354	040820	1547598	6365597	clay	3	2	0.5	2.0	1	0
10_355	040820	1547587	6365602	clay	3	2	0.5	2.0	1	0
10_356	040820	1547579	6365607	clay	3	2	0.5	1.5	1	0
10_357	040820	1547568	6365614	clay	3	2	0.5	1.5	1	0
10_358	040820	1547557	6365619	clay	3	2	0.5	1.5	1	0
10_359	040820	1547544	6365622	clay	3	2	0.5	1.5	1	0
10_360	040820	1547534	6365623	clay	3	2	0.5	1.5	1	0
10_361	040820	1547526	6365622	clay	3	2	0.5	1.5	1	0
10_362	040820	1547518	6365621	clay	3	2	0.5	1.5	1	0
10_363	040820	1547508	6365622	clay	3	2	0.5	1.5	1	0
10_364	040820	1547500	6365621	clay	3	2	0.5	1.3	1	0
10_365	040820	1547490	6365620	clay	3	2	0.5	1.3	1	0
10_366	040820	1547480	6365617	clay	3	2	0.3	1.3	1	0
10_367	040820	1547469	6365615	clay	3	2	0.3	1.3	1	0
10_368	040820	1547459	6365613	clay	3	2	0.3	1.3	1	0
10_369	040820	1547450	6365612	clay	3	2	0.3	1.3	1	0

10_370	040820	1547440	6365610	clay			3	2				0.4	2.0	1	1
10_371	040820	1547433	6365613	sand				2	2	2		0.4	2.0	1	3
10_372	040820			cobble				2	2	3		0.2	2.0	1	2
10_373	040820	1547413	6365609	cobble				2	2	3		0.2	2.0	1	2
10_374	040820	1547404	6365609	cobble			1	2	2	3		0.2	2.0	1	2
10_375	040820	1547395	6365611	cobble				2	2	3	1	0.2	2.3	1	3
10_376	040820	1547386	6365612	cobble			2	1		2		0.2	2.3	1	2
10_377	040820	1547375	6365614	clay			3	1		2		0.7	2.3	1	2
10_378	040820	1547366	6365622	clay			3	1		2		0.5	2.3	1	2
10_379	040820	1547356	6365623	clay			3	2		1		0.4	2.5	1	2
10_380	040820	1547347	6365624	clay			3	2		1		0.4	2.5	1	2
10_381	040820	1547339	6365625	clay			3	2		1		0.4	2.5	1	3
10_382	040820	1547330	6365628	clay			3			1		0.4	2.5	1	3
10_383	040820	1547320	6365630	clay			3			1		0.4	2.0	2	3
10_384	040820	1547310	6365632	clay			3					0.3	1.5	2	0
10_385	040820	1547301	6365629	clay			2	2				0.3	1.5	1	1
10_386	040820	1547293	6365624	clay			2	2				0.5	1.5	1	1
10_387	040820	1547283	6365627	sand			2	2	2			0.5	2.0	1	2
10_388	040820	1547275	6365630	cobble		2		2	2	2		0.5	2.0	1	2
10_389	040820	1547268	6365633	sand		2		2	2	2		0.5	2.0	1	3
10_390	040820	1547259	6365634	sand	1	2		2	2	2		0.6	2.0	1	2
10_391	040820	1547252	6365639	clay	1	2	3	1				0.6	2.0	1	1
10_392	040820	1547245	6365643	clay	1	2	3	1				0.5	3.0	1	3
10_393	040820			clay	1	2	3	1				0.5	3.0	1	3
10_394	040820	1547227	6365649	clay			3	1				0.5	2.2	1	1
10_395	040820	1547219	6365649	clay			3	2				0.5	2.5	1	1
10_396	040820	1547211	6365649	clay			3	1				0.5	2.0	1	0
10_397	040820	1547202	6365649	clay			3					0.5	2.0	1	0
10_398	040820	1547193	6365651	clay			3					0.5	2.0	1	0
10_399	040820	1547183	6365653	clay			3					0.5	2.0	1	0
10_400	040820	1547174	6365656	clay			3					0.5	2.0	1	0
10_401	040820	1547165	6365659	clay			3					0.5	2.0	1	0
10_402	040820	1547157	6365661	clay			3		1			0.5	2.0	1	0
10_403	040820	1547148	6365665	clay			3		1	1		0.5	2.0	1	1
10_404	040820	1547140	6365666	clay			3		1			0.4	2.0	1	1
10_405	040820	1547131	6365668	clay			3		1			0.3	1.5	1	1

10_406	040820	1547122	6365670	clay		3		2			0.3	1.2	2	2
10_407	040820	1547114	6365671	clay		3					0.7	3.0	1	3
10_408	040820	1547104	6365675	clay		3					0.7	2.5	1	2
10_409	040820	1547096	6365679	clay		3					0.4	1.0	1	1
10_410	040820	1547087	6365681	clay		3					0.4	1.0	1	2
10_411	040820	1547079	6365683	clay		3	1				0.4	1.0	1	2
10_412	040820	1547070	6365685	clay		3	1				0.4	1.0	1	2
10_413	040820	1547061	6365688	clay		3	1				0.4	1.0	1	2
10_414	040820	1547053	6365689	clay		3	1				0.4	1.0	1	2
10_415	040820	1547044	6365692	clay		3					0.4	1.0	1	1
10_416	040820	1547035	6365694	clay		3					0.3	1.5	1	1
10_417	040820	1547026	6365696	clay		3					0.3	1.2	1	2
10_418	040820	1547018	6365699	clay	3	2					0.3	2.0	2	3
10_419	040820			clay	2	3					0.4	2.0	1	2
10_420	040820			clay	2	3					0.4	2.0	1	3
10_421	040820			clay		3	2				0.4	2.0	1	2
10_422	040820			clay		3	1	1	1		0.4	2.0	1	3
10_423	040820	1546974	6365710	clay		3	1	1	1		0.4	3.0	1	3
10_424	040820			clay		3	2				0.3	2.5	1	2
10_425	040820			clay		3	2				0.3	2.5	1	3
10_426	040820			clay		3	2				0.3	2.5	1	2
10_427	040820	1546937	6365724	clay		3	2				0.3	2.5	1	3
10_428	040820	1546927	6365723	sand		2	2				0.4	2.5	1	2
10_429	040820	1546918	6365721	sand		2	2				0.4	2.5	1	2
10_430	040820	1546909	6365722	sand		2	2		2		0.4	2.5	1	2
10_431	040820	1546902	6365721	sand		1	2			1	0.4	2.5	1	2
10_432	040820	1546894	6365725	sand		1	3			1	0.3	2.5	2	3
10_433	040820			cobble			2	2	3	2	0.2	2.0	2	3
10_434	040820			cobble			1	2	3	2	0.3	2.0	2	3
10_435	040820			boulder			1	2	2	2	0.4	2.0	1	2
10_436	040820			boulder			1	2	2	2	0.4	2.0	2	3
10_437	040820	1546849	6365747	gravel			1	2	2	2	0.4	2.5	1	3
10_438	040820			sand			3	2		1	0.5	3.0	1	3
10_439	040820	1546840	6365764	sand		1	3			2	0.5	2.8	1	2
10_440	040820	1546836	6365773	sand			3	2		1	0.5	2.8	1	2
10_441	040820			gravel			2	3		1	0.5	2.7	1	3

10_442	040820			gravel			2	2		2	0.5	2.4	2	2
10_443	040820	1546835	6365801	cobble			2	2	2	2	0.2	2.0	2	3
10_444	040820			cobble			1	2	3	2	0.2	2.0	2	3
10_445	040820	1546819	6365811	cobble			1	2	3	2	0.3	2.0	2	3
10_446	040820			cobble			1	1	3	2	0.3	2.0	1	2
10_447	040820			cobble			1	1	3	2	0.2	2.0	1	2
10_448	040820			cobble		2	2	2	2	2	0.4	2.5	1	3
10_449	040820			cobble		2	2	2	2	1	0.2	2.5	2	3
10_450	040820			cobble		2	2	2	3	1	0.2	2.5	2	2
10_451	040820	1546767	6365829	cobble		2	2	2	2		0.4	2.5	1	2
10_452	040820	1546757	6365829	gravel		2	2	2	2		0.5	2.5	1	3
10_453	040820	1546749	6365831	gravel		2	2	2	2		0.5	2.5	1	3
10_454	040820	1546742	6365832	cobble		1	2	2	2		0.5	2.5	1	3
10_455	040820	1546735	6365839	cobble		1	2	2	2		0.3	2.0	1	3
10_456	040820			cobble		1	2	2	2	1	0.3	2.0	2	3
10_457	040820			cobble		1	2	2	2	1	0.4	2.0	2	3
10_458	040820			cobble		1	2	2	2	1	0.3	2.0	1	3
10_459	040820			cobble		1	2	2	2	1	0.3	2.0	1	3
10_460	040820			cobble			2	2	2	1	0.3	2.0	1	3
10_461	040820			cobble			2	2	3	1	0.3	2.0	1	3
10_462	040820			cobble			2	2	3	1	0.4	2.0	1	3
10_463	040820			cobble			2	2	3	2	0.4	2.0	1	3
10_464	040820	1546692	6365890	cobble		1	2	2	2	1	0.6	2.0	1	3
10_465	040820			cobble		2	1	2	3	1	0.2	2.0	1	3
10_466	040820			cobble		2	1	2	2	1	0.5	2.0	1	3
10_467	040820	1546665	6365895	cobble		2	1	2	2	1	0.3	2.0	1	3
10_468	040820	1546655	6365898	cobble		2	2	2	3		0.2	2.0	2	3
10_469	040820	1546644	6365900	cobble		1	2		2	2	0.4	2.0	1	3
10_470	040820			cobble				2	3	2	0.3	2.0	2	3
10_471	040820			cobble				2	3	2	0.2	2.0	2	3
10_472	040820			cobble		1		2	3	1	0.2	2.0	2	3
10_473	040820			cobble		1		2	2	1	0.4	2.0	1	2
10_474	040820	1546596	6365879	clay		3	2				1.0	3.5	1	2
10_475	040820	1546588	6365874	clay		3	2				1.5	3.5	1	2
10_476	040820	1546579	6365869	fine org detr	3						1.5	3.5	1	0
10_477	040820	1546570	6365865	fine org detr	3						1.5	3.5	1	1

10_478	040820	1546562	6365862	fine org detr	3							1.0	3.5	1	1
10_479	040820	1546553	6365860	fine org detr	3							0.8	3.5	1	0
10_480	040820	1546544	6365857	fine org detr	3							0.8	3.5	1	0
10_481	040820	1546536	6365855	fine org detr	3							0.6	3.5	1	1
10_482	040820	1546527	6365852	fine org detr	3							0.6	3.5	1	1
10_483	040820	1546518	6365849	fine org detr	3							0.6	3.5	1	0
10_484	040820	1546509	6365846	fine org detr	3							0.8	3.5	1	0
10_485	040820	1546500	6365844	fine org detr	3							1.3	3.5	1	1
10_486	040820	1546492	6365840	fine org detr	3							1.3	3.5	1	0
10_487	040820	1546483	6365838	fine org detr	3							1.3	3.5	1	1
10_488	040820	1546476	6365837	fine org detr	2	2	2					0.5	2.5	1	2
10_489	040820	1546466	6365834	fine org detr	2	2	2					0.6	2.5	1	3
10_490	040820	1546458	6365829	gravel	2	2	2	2				0.6	2.5	1	3
10_491	040820			gravel	2	2	2	2				0.6	2.5	1	3
10_492	040820			gravel	2	2	2	2				0.6	2.5	1	3
10_493	040820			clay	2	3	1					0.9	2.5	1	3
10_494	040820	1546421	6365838	clay	2	3	1					0.9	2.5	1	3
10_495	040820	1546411	6365839	clay	2	3	1					0.9	2.5	1	3
10_496	040820	1546400	6365840	clay	2	3	1					0.7	2.5	1	3
10_497	040820	1546390	6365841	clay		3	2	1		2		0.6	2.8	1	2
10_498	040820	1546380	6365842	clay		3	2					0.6	2.8	1	1
10_499	040820	1546371	6365846	clay		3	2					0.5	2.0	1	2
10_500	040820	1546363	6365848	clay		3	2					0.5	2.0	1	0
10_501	040820	1546354	6365851	clay		3	2					0.5	2.0	1	0
10_502	040820	1546344	6365848	clay		3	2					0.5	2.0	1	1
10_503	040820	1546336	6365848	clay		3						0.5	2.0	1	3
10_504	040820	1546327	6365848	clay		3	2					0.6	2.0	1	2
10_505	040820	1546318	6365847	sand		2	3	2			1	1.3	2.0	1	2
10_506	040820	1546309	6365844	sand		2	3	2				1.0	2.0	1	2
10_507	040820	1546301	6365841	sand		2	3	2				0.5	2.0	1	1
10_508	040820	1546292	6365845	clay		2	2	2				0.6	2.0	1	1
10_509	040820	1546284	6365850	gravel			2	2	2			0.5	2.5	1	1
10_510	040820	1546275	6365856	gravel			2	2	2			0.5	2.5	1	0
10_511	040820	1546268	6365861	clay		2	2	2				0.5	2.5	1	0
10_512	040820	1546259	6365866	fine org detr			1					0.4	2.5	1	1
10_513	040820	1546253	6365870	fine org detr			1					0.8	2.5	1	1

10_514	040820	1546245	6365876	fine org detr				1				0.8	2.5	1	0
10_515	040820	1546237	6365880	fine org detr				1				0.8	2.5	1	1
10_516	040820	1546228	6365884	fine org detr								1.1	2.5	1	1
10_517	040820	1546220	6365887	fine org detr								1.1	2.5	1	1
10_518	040820	1546213	6365893	fine org detr								1.1	2.5	1	0
10_519	040820	1546203	6365895	fine org detr								0.9	2.5	1	1
10_520	040820	1546194	6365899	fine org detr								0.9	2.5	1	1
10_521	040820			fine org detr								0.9	2.5	1	1
10_522	040820	1546179	6365911	fine org detr								1.1	2.5	1	2
10_523	040821	1546169	6365913	fine org detr								1.1	3.0	1	2
10_524	040821			fine org detr								0.5	2.5	1	1
10_525	040821			fine org detr								0.5	2.5	1	1
10_526	040821	1546141	6365928	fine org detr								0.5	2.5	1	1
10_527	040821	1546131	6365929	fine org detr		3						0.5	2.5	1	1
10_528	040821			fine org detr		3						0.5	2.5	1	1
10_529	040821	1546114	6365934	fine org detr		3						0.5	2.5	1	1
10_530	040821	1546104	6365937	fine org detr		3						0.9	2.5	1	3
10_531	040821			fine org detr		3						0.5	2.5	1	2
10_532	040821			fine org detr		3						0.5	2.5	1	3
10_533	040821			fine org detr	2	3						0.8	2.5	1	2
10_534	040821	1546067	6365952	fine org detr	2	3						0.8	2.5	1	2
10_535	040821	1546059	6365955	fine org detr		3						0.6	2.5	1	3
10_536	040821			fine org detr		3						0.8	2.5	1	3
10_537	040821			fine org detr		3						0.8	2.5	1	3
10_538	040821			fine org detr		3						0.7	2.5	1	3
10_539	040821			fine org detr		3						0.7	2.5	1	3
10_540	040821			fine org detr		3						0.4	2.5	1	3
10_541	040821	1546009	6365980	fine org detr		3		2				0.4	2.5	1	2
10_542	040821	1546001	6365989	fine org detr		3		2				0.4	2.5	1	2
10_543	040821	1545993	6365990	cobble		2				2	2	0.6	2.5	1	1
10_544	040821			cobble		1			1	2	2	0.2	2.5	1	1
10_545	040821			cobble					1	2	2	0.3	2.5	2	3
10_546	040821			not investiga-ted section											
10_547	040821	1543284	6367894	fine org detr		3	2					0.5	1.5	1	0
10_548	040821	1543273	6367898	fine org detr		3	2					0.5	1.5	1	0

10_549	040821	1543267	6367905	fine org detr		3	2				0.5	2.0	1	0
10_550	040821	1543263	6367913	fine org detr		3	2				0.5	2.0	1	0
10_551	040821	1543258	6367923	fine org detr		3	2				0.5	2.5	1	0
10_552	040821	1543249	6367930	fine org detr		3	2				0.5	3.0	1	0
10_553	040821	1543240	6367933	fine org detr		3	2				0.5	3.0	1	0
10_554	040821	1543230	6367938	fine org detr		3	2				0.5	3.5	1	0
10_555	040821	1543222	6367943	fine org detr		3	2				0.5	2.5	1	0
10_556	040821	1543215	6367951	fine org detr		3	2				0.5	2.5	1	0
10_557	040821	1543208	6367957	clay		2	2			1	0.5	3.0	1	0
10_558	040821	1543199	6367963	clay		2	2				0.4	3.0	1	1
10_559	040821	1543189	6367968	clay		2	2				0.4	3.0	1	1
10_560	040821	1543180	6367973	clay		2	2				0.5	3.0	1	1
10_561	040821	1543171	6367976	clay		2	2				0.5	2.5	1	0
10_562	040821	1543161	6367981	clay		2	2				0.5	2.5	1	1
10_563	040821	1543152	6367986	clay		2	2				0.4	3.0	1	0
10_564	040821	1543144	6367991	clay		2	2				0.4	3.0	1	1
10_565	040821	1543136	6367995	clay		2	2				0.3	3.0	1	2
10_566	040821	1543130	6368001	clay		2	2			1	0.4	2.5	1	2
10_567	040821	1543122	6368005	clay		2	2			2	0.5	3.0	1	2
10_568	040821	1543119	6368016	clay	2	2	2			1	0.5	3.0	1	1
10_569	040821	1543112	6368019	clay	2	2	2				0.3	3.0	1	1
10_570	040821	1543105	6368024	clay	2	2	2				0.3	3.0	1	0
10_571	040821	1543096	6368029	clay		2	2				0.3	3.0	1	0
10_572	040821	1543088	6368033	fine org detr	1	3	1				0.3	3.0	1	0
10_573	040821	1543080	6368038	fine org detr	1	3	1				0.3	3.0	1	0
10_574	040821	1543072	6368042	fine org detr		3	1				0.3	3.0	1	0
10_575	040821	1543064	6368047	fine org detr		3	1				0.3	3.0	1	0
10_576	040821	1543056	6368051	sand		2	1	3			1.0	3.0	4	0
10_577	040821	1543048	6368054	sand		2	1	3			1.0	3.0	1	2
10_578	040821	1543039	6368054	fine org detr		3	1				0.3	3.0	1	0
10_579	040821	1543032	6368059	fine org detr		3	1				0.3	3.0	1	0
10_580	040821	1543025	6368063	fine org detr		3	1				0.3	3.0	1	0
10_581	040821	1543018	6368069	fine org detr		3	1				0.4	3.0	1	0
10_582	040821	1543010	6368073	fine org detr		3	1				0.4	3.0	1	0
10_583	040821	1543002	6368079	fine org detr		3	1				0.4	3.0	1	0
10_584	040821	1542994	6368084	fine org detr		3	1				0.4	3.0	1	0

10_585	040821	1542987	6368089	fine org detr		3	1					0.3	3.0	1	0
10_586	040821	1542980	6368094	fine org detr		3	1					0.2	3.0	1	0
10_587	040821	1542972	6368099	fine org detr		3	1					0.3	3.0	1	0
10_588	040821	1542964	6368106	fine org detr		3	1					0.3	3.0	1	0
10_589	040821	1542956	6368108	fine org detr		3	1					0.4	3.0	1	1
10_590	040821	1542950	6368113	fine org detr		3	1					0.4	3.0	1	1
10_591	040821	1542943	6368120	fine org detr		3	1					0.3	3.0	1	1
10_592	040821	1542936	6368124	fine org detr		3	1					0.3	3.0	1	0
10_593	040821	1542929	6368130	fine org detr		3	1					0.2	3.5	1	0
10_594	040821	1542920	6368135	fine org detr		3	1					0.2	3.5	1	0
10_595	040821	1542914	6368142	fine org detr		3	1					0.2	4.0	1	0
10_596	040821	1542908	6368146	fine org detr		3	1					0.3	4.0	1	2
10_597	040821	1542899	6368150	fine org detr		3	1					0.2	4.0	1	1
10_598	040821			fine org detr		3	1					0.2	4.0	1	1
10_599	040821			fine org detr		3	1					0.3	4.0	1	1
10_600	040821			fine org detr		3	1					0.3	4.0	1	2
10_601	040821	1542869	6368170	fine org detr		3	1					0.3	4.0	1	2
10_602	040821			fine org detr		3	1					0.3	3.5	1	2
10_603	040821	1542855	6368181	fine org detr		3	1					0.3	3.5	1	2
10_604	040821	1542849	6368186	fine org detr		3	1					0.3	3.5	1	2
10_605	040821			fine org detr		3	1					0.3	3.5	1	2
10_606	040821	1542835	6368195	fine org detr		3	1					0.3	3.5	1	2
10_607	040821	1542827	6368202	fine org detr		3	1					0.3	3.5	1	2
10_608	040821	1542818	6368207	fine org detr	2	3	1			2		0.3	3.5	2	2
10_609	040821	1542811	6368212	fine org detr	1	3	1			2		0.6	3.5	1	1
10_610	040821	1542804	6368218	cobble	1	2		3	1			0.5	2.2	1	2
10_611	040821	1542797	6368227	cobble	1	2		3	1			0.5	2.2	1	2
10_612	040821	1542791	6368231	cobble	1	2		3	1			0.5	2.0	1	2
10_613	040821	1542785	6368237	cobble	1	2		3	1			0.4	2.0	1	2
10_614	040821	1542777	6368241	cobble	1	2		3	1			0.4	2.0	1	2
10_615	040821	1542768	6368245	cobble	1	2		3	1			0.4	2.0	1	2
10_616	040821	1542764	6368251	cobble	1	2		3	1			0.4	2.0	4	2
10_617	040821	1542758	6368255	fine org detr		3		2				0.4	2.5	1	3
10_618	040821	1542752	6368259	fine org detr		3		2				0.3	2.5	1	3
10_619	040821	1542745	6368265	fine org detr		3		2				0.3	2.5	1	2
10_620	040821	1542746	6368273	fine org detr		3		2				0.3	2.5	1	2

10_621	040821	1542741	6368283	fine org detr	3					0.3	2.5	1	2
10_622	040821	1542741	6368291	fine org detr	3					0.3	2.5	1	1
10_623	040821	1542741	6368299	fine org detr	3			2		0.3	2.5	1	1
10_624	040821	1542734	6368305	fine org detr	3			2		0.3	2.5	1	1
10_625	040821	1542726	6368309	fine org detr	3					0.6	2.5	1	2
10_626	040821	1542716	6368315	fine org detr	3			2		0.6	2.5	1	2
10_627	040821	1542708	6368322	fine org detr	3			2		0.5	3.0	1	2
10_628	040821	1542700	6368323	fine org detr	3	1	1	2		0.3	3.0	1	2
10_629	040821	1542693	6368327	fine org detr	3	1	1	1		0.3	3.0	1	2
10_630	040821	1542686	6368329	fine org detr	3	1	1	1		0.3	3.0	1	2
10_631	040821	1542678	6368332	fine org detr	3	1				0.2	2.5	1	2
10_632	040821	1542669	6368336	fine org detr	3					0.3	3.0	1	2
10_633	040821	1542662	6368338	fine org detr	3					0.3	3.0	1	2
10_634	040821	1542654	6368341	fine org detr	3					0.3	3.0	1	2
10_635	040821	1542646	6368344	fine org detr	3					0.3	3.0	1	2
10_636	040821	1542636	6368346	fine org detr	3			1		0.3	2.5	1	2
10_637	040821	1542628	6368349	fine org detr	3			1		0.3	2.5	1	2
10_638	040821	1542619	6368353	fine org detr	3			1		0.3	2.5	1	2
10_639	040821	1542610	6368352	fine org detr	3					0.3	2.5	1	2
10_640	040821	1542603	6368358	fine org detr	3			1		0.3	2.5	1	2
10_641	040821	1542595	6368361	fine org detr	3					0.4	2.5	1	2
10_642	040821	1542588	6368365	fine org detr	2		1	1		0.3	2.0	1	2
10_643	040821	1542579	6368369	cobble	1		1	2	1	0.3	2.0	1	2
10_644	040821	1542572	6368372	gravel	1		2	2		0.3	2.0	1	2
10_645	040821	1542564	6368373	gravel	1		2	2		0.2	2.0	2	2
10_646	040821	1542553	6368372	fine org detr	3		1			0.3	2.0	2	0
10_647	040821	1542547	6368378	fine org detr	3					0.3	1.5	2	1
10_648	040821	1542539	6368383	fine org detr	3					0.3	1.5	1	2
10_649	040821	1542526	6368385	fine org detr	3	1		1		0.3	1.5	1	2
10_650	040821	1542518	6368389	sand	2	2		2	1	0.2	1.5	1	2
10_651	040821	1542510	6368396	cobble	2			2	1	0.2	1.5	1	2
10_652	040821	1542502	6368399	cobble	2	1	2	3		0.2	1.0	1	2
10_653	040821			cobble	2			2	2	0.3	1.3	1	3
10_654	040821			cobble	1		1	3	2	0.2	1.0	2	3
10_655	040821			cobble	2		2	3	1	0.2	1.2	2	3
10_656	040821			cobble	2		2	3	2	0.3	1.2	2	3

10_657	040821			fine org detr	3		2	2	1		0.3	1.2	1	3
10_658	040821	1542455	6368423	fine org detr	3		2	1			0.3	1.2	1	3
10_659	040821	1542443	6368422	fine org detr	3		2	1			0.4	1.2	1	3
10_660	040821	1542436	6368426	fine org detr	3			1			0.3	1.3	1	2
10_661	040821	1542429	6368431	fine org detr	3						0.3	1.3	1	3
10_662	040821	1542421	6368437	fine org detr	3			1			0.6	3.0	1	3
10_663	040821	1542412	6368438	fine org detr	3						0.3	3.0	1	3
10_664	040821	1542403	6368440	fine org detr	3						0.4	2.0	1	3
10_665	040821	1542399	6368448	cobble		2	2	2			0.1	1.5	2	3
10_666	040821	1542399	6368457	cobble	2		2	3			0.2	1.3	1	3
10_667	040821	1542393	6368463	cobble	2		2	3	2		0.3	1.5	1	3
10_668	040821	1542382	6368460	cobble	2		2	3	2		0.3	1.5	1	3
10_669	040821			cobble	1		2	3	2		0.3	1.5	1	3
10_670	040821	1542361	6368459	cobble	1		2	3	1		0.3	1.5	1	3
10_671	040821	1542354	6368464	fine org detr	2		2	2	1		0.3	1.5	1	3
10_672	040821	1542345	6368465	fine org detr	3			2			0.3	1.5	1	3
10_673	040821	1542336	6368463	fine org detr	3						0.4	1.7	1	3
10_674	040821	1542326	6368466	fine org detr	3						0.4	1.9	1	3
10_675	040821	1542318	6368468	fine org detr	3						0.4	1.9	1	3
10_676	040821	1542309	6368471	fine org detr	3						0.3	2.0	1	3
10_677	040821	1542299	6368473	fine org detr	3						0.3	1.5	1	2
10_678	040821	1542291	6368475	fine org detr	3						0.3	2.0	1	2
10_679	040821	1542282	6368479	fine org detr	3						0.3	2.0	1	2
10_680	040821	1542274	6368482	fine org detr	3						0.3	2.0	1	2
10_681	040821	1542265	6368482	fine org detr	3						0.3	2.0	1	3
10_682	040821	1542256	6368485	fine org detr	3						0.3	2.0	1	3
10_683	040821	1542249	6368486	fine org detr	3						0.3	2.5	1	3
10_684	040821	1542240	6368486	fine org detr	3						0.3	2.5	1	3
10_685	040821	1542231	6368488	fine org detr	3						0.3	2.5	1	2
10_686	040821	1542221	6368488	fine org detr	3						0.3	2.5	1	1
10_687	040821	1542211	6368491	fine org detr	3						0.3	2.5	1	0
10_688	040821	1542203	6368492	fine org detr	3						0.3	2.5	1	1
10_689	040821	1542194	6368493	fine org detr	3						0.3	2.5	1	1
10_690	040821	1542185	6368494	fine org detr	3						0.3	2.5	1	0
10_691	040821	1542177	6368496	fine org detr	3				1		0.3	2.5	1	0
10_692	040821	1542167	6368496	fine org detr	3						0.3	2.5	1	0

10_693	040821	1542158	6368497	fine org detr	2	2	2	0.4	1.5	1	1
10_694	040821	1542149	6368500	fine org detr	2	2	2	0.4	1.5	1	0
10_695	040821	1542141	6368501	fine org detr	3			1.2	2.0	1	1
10_696	040821	1542133	6368507	fine org detr	3			1.0	2.0	4	3
10_697	040821	1542123	6368508	fine org detr	3			0.3	2.0	1	0
10_698	040821	1542114	6368505	fine org detr	3			0.3	2.0	1	0
10_699	040821	1542104	6368506	fine org detr	3			0.3	2.0	1	0
10_700	040821	1542095	6368509	fine org detr	3			0.3	2.0	1	0
10_701	040821	1542087	6368509	fine org detr	3			0.3	2.0	1	0
10_702	040821	1542079	6368510	fine org detr	3			0.3	2.0	1	0
10_703	040821	1542069	6368511	fine org detr	3			0.3	2.0	1	0
10_704	040821	1542061	6368512	fine org detr	3			0.3	2.0	1	0
10_705	040821	1542053	6368513	fine org detr	3			0.3	2.0	1	0
10_706	040821	1542043	6368514	fine org detr	3			0.3	2.0	1	0
10_707	040821	1542035	6368517	fine org detr	3			0.3	2.0	1	0
10_708	040821	1542026	6368517	fine org detr	3			0.3	2.0	1	0
10_709	040821	1542017	6368519	fine org detr	3			0.3	2.0	1	0
10_710	040821	1542009	6368521	fine org detr	3			0.3	2.0	1	0
10_711	040821	1542001	6368522	fine org detr	3			0.3	2.0	1	0
10_712	040821	1541991	6368524	fine org detr	3			0.3	2.0	1	0
10_713	040821	1541982	6368526	fine org detr	3			0.3	1.5	1	0
10_714	040821	1541972	6368527	fine org detr	3			0.3	1.5	1	0
10_715	040821	1541963	6368528	fine org detr	3			0.3	1.5	1	0
10_716	040821	1541954	6368530	fine org detr	3			0.3	1.5	1	0
10_717	040821	1541946	6368530	fine org detr	3			0.3	1.5	1	0
10_718	040821	1541937	6368531	fine org detr	3			0.3	1.5	1	0
10_719	040821	1541927	6368532	fine org detr	3			0.3	1.5	1	0
10_720	040821	1541918	6368533	fine org detr	3			0.3	1.5	1	0
10_721	040821	1541909	6368534	fine org detr	3			0.3	1.5	1	0
10_722	040821	1541900	6368536	fine org detr	3			0.3	1.5	1	0
10_723	040821	1541891	6368538	fine org detr	3			0.3	1.5	1	0
10_724	040821	1541883	6368538	fine org detr	3			0.3	1.7	1	0
10_725	040821	1541874	6368540	fine org detr	3			0.3	1.5	1	0
10_726	040821	1541865	6368542	fine org detr	3			0.3	1.5	1	1
10_727	040821	1541856	6368543	fine org detr	3			0.3	1.5	1	1
10_728	040821	1541847	6368545	fine org detr	3			0.3	1.5	1	0

10_729	040821	1541837	6368547	fine org detr		3					0.3	1.5	1	1	
10_730	040821	1541828	6368547	fine org detr		3					0.3	1.5	1	0	
10_731	040821	1541818	6368548	fine org detr		3					0.3	1.5	1	0	
10_732	040821	1541809	6368549	fine org detr		3					0.3	1.5	1	0	
10_733	040821	1541800	6368550	fine org detr		3					0.3	1.5	1	0	
10_734	040821	1541790	6368552	fine org detr		3					0.3	1.5	1	0	
10_735	040821	1541781	6368554	fine org detr		3					0.3	1.5	1	3	
10_736	040821	1541770	6368555	fine org detr		3					0.3	1.5	1	0	
10_737	040821	1541761	6368557	fine org detr		3					0.3	1.5	1	0	
10_738	040821			fine org detr		3					0.3	1.5	1	2	
10_739	040821			fine org detr		3					0.3	2.0	1	2	
10_740	040821			fine org detr		3					0.3	2.0	1	2	
10_741	040821			fine org detr		3					0.3	2.0	1	2	
10_742	040821			fine org detr		3					0.3	2.0	1	2	
10_743	040821			fine org detr		3					0.3	2.0	1	2	
10_744	040821	1541695	6368574	fine org detr		3					0.3	2.0	1	3	
10_745	040821	1541686	6368574	fine org detr		3					0.3	2.0	1	3	
10_746	040821	1541676	6368576	fine org detr	2	3					0.3	2.0	1	3	
10_747	040821	1541669	6368578	fine org detr	2	3	1				0.2	2.0	1	3	
10_748	040821	1541659	6368580	fine org detr	2	3	1				0.2	2.0	1	3	
10_749	040821	1541649	6368583	fine org detr	2	2	1				0.2	2.0	1	3	
10_750	040821	1541640	6368582	fine org detr		2	1				0.2	2.0	1	2	
10_751	040821			cobble		2		2	3					2	x
10_752	040821			cobble		2		2	3					2	x
10_753	040821			cobble		2		2	3					2	x
10_754	040821			cobble		2		2	3					2	x
10_755	040821			cobble		2		2	3					2	x
10_756	040821			cobble		2		2	3					2	x
10_757	040821			cobble		2		2	3					2	x
10_758	040821			cobble		2		2	3					2	x
10_759	040821			cobble		2		2	3					2	x
10_760	040821			cobble		2		2	3					2	x
10_761	040821			cobble		2		2	3					2	x
10_762	040821			cobble		2		2	3					2	x
10_763	040821			cobble		2		2	3					0	x
10_764	040821			cobble		2		2	3					0	x

10_765	040821			cobble		2			2	3						0	x
10_766	040821			cobble		2			2	3			0.1	0.6	1	0	
10_767	040821			cobble		2			2	3			0.1	0.6	1	1	
10_768	040821			cobble		2	2		2	3			0.1	0.6	2	2	
10_769	040821			cobble		2	2		2	3			0.1	0.6	1	3	
10_770	040821			clay	2	2	3			1			0.1	1.2	1	3	
10_771	040821			clay	2	2	3						0.3	1.2	1	3	
10_772	040821			clay	2	2	3				2		0.3	1.2	1	3	
10_773	040821			clay	2	2	3				2		0.3	1.2	1	3	
10_774	040821			clay	2	2	3				2		0.3	1.5	1	3	
10_775	040821			clay	2	2	3						0.3	1.5	1	3	
10_776	040821			clay	2	2	3						0.3	1.5	1	3	
10_777	040821			clay	2	2	3						0.3	2.0	1	3	
10_778	040821			clay	2	2	3						0.3	2.0	1	3	
10_779	040821			clay	2	2	3						0.3	2.0	1	3	
10_780	040821			clay	2	2	3						0.3	2.1	1	3	
10_781	040821			clay	2	2	3						0.3	2.2	1	3	
10_782	040821			clay	2	2	3						0.3	2.2	1	3	
10_783	040821												0.3	2.0	4	3	
10_784	040821												0.3	2.0	4	3	
10_785	040821												0.3	2.0	4	3	
10_786	040821			clay	2	2	3			2			0.3	2.0	1	1	
10_787	040821			clay	2	2	3						0.3	2.0	1	2	
10_788	040821			clay	2	2	3						0.3	2.0	1	3	
10_789	040821			clay	2	2	3						0.3	2.0	1	3	
10_790	040821			clay	2	2	3						0.3	2.0	1	3	
10_791	040821			clay	2	2	3						0.3	2.0	1	3	
10_792	040821			clay	2	2	3						0.3	2.0	1	3	
23_1	040822	1553544	6367448	sand	2			3		1						3	x
23_2	040822	1553534	6367451	cobble				2	2	3	1					2	x
23_3	040822	1553525	6367449	cobble				2	2	3	1					2	x
23_4	040822	1553517	6367445	sand			1	3	2	2	1					2	x
23_5	040822	1553507	6367440	clay			3			2						3	x
23_6	040822	1553497	6367440	clay			3			1	1					3	x
23_7	040822	1553490	6367436	sand			2	2	2	2						2	x
23_8	040822	1553481	6367439	gravel				2	3	1	1					2	x

23_9	040822	1553473	6367441	clay		3	1	2							2	x
23_10	040822	1553466	6367446	clay	1	3		1							2	x
23_11	040822	1553458	6367446	clay	2	3		1							2	x
23_12	040822	1553449	6367445	clay	2	3		1							3	x
23_13	040822	1553440	6367443	clay	2	3									3	x
23_14	040822	1553434	6367450	clay	2	3									3	x
23_15	040822	1553426	6367457	clay	2	3									3	x
23_16	040822	1553422	6367464	clay	2	3									3	x
23_17	040822	1553412	6367468	clay	2	3									3	x
23_18	040822	1553402	6367470	clay	2	2	1	2	2	1					2	x
23_19	040822	1553395	6367476	clay	2	3		2							3	x
23_20	040822	1553385	6367478	clay		3				2	0.1	0.6	1		2	
23_21	040822	1553376	6367478	cobble		2		2		2	0.1	0.7	1		2	
23_22	040822	1553366	6367476	cobble		1		2		2	0.1	0.7	1		2	
23_23	040822	1553357	6367476	clay		2		2		2	0.1	0.7	1		2	
23_24	040822	1553347	6367475	clay		2		2		1	0.1	0.7	1		2	
23_25	040822	1553338	6367473	clay		3	2	2							2	x
23_26	040822	1553332	6367468	clay		3	2	2							3	x
23_27	040822	1553326	6367460	clay	2	3	2	2							3	x
23_28	040822	1553320	6367456	clay	2	2	2	2							3	x
23_29	040822	1553312	6367450	clay	2	3									2	x
23_30	040822	1553306	6367444	clay	1	3		2		1					2	x
23_31	040822	1553299	6367438	clay		3		2							1	x
23_32	040822	1553289	6367439	clay		3				1	0.1	0.5	1		2	
23_33	040822	1553279	6367440	clay		3									2	x
23_34	040822	1553269	6367442	clay		3									2	x
23_35	040822	1553259	6367444	clay	2	3		2			0.2	2.0	1		3	
23_36	040822	1553249	6367445	clay	2	3					0.2	2.0	1		3	
23_37	040822	1553239	6367446	clay	2	3					0.2	2.0	1		2	
23_38	040822	1553229	6367446	clay	2	3					0.2	2.0	1		1	
23_39	040822	1553221	6367447	clay	2	3					0.2	1.5	1		2	
23_40	040822	1553213	6367450	clay	2	3					0.2	1.5	1		3	
23_41	040822	1553204	6367451	clay	2	3					0.1	1.5	1		3	
23_42	040822	1553195	6367451	clay	2	3					0.1	1.5	1		3	
23_43	040822	1553186	6367450	clay	2	3					0.1	2.5	1		3	
23_44	040822			clay	2	3					0.1	2.0	1		3	

23_45	040822			clay	2	3			0.1	2.0	1	3		
23_46	040822			clay	2				0.1	2.2	1	3		
23_47	040822			clay	2				0.1	2.2	1	3		
23_48	040822			clay	2				0.1	2.2	1	3		
23_49	040822			clay	2				0.1	2.2	1	3		
23_50	040822			clay	2				0.1	2.0	1	3		
23_51	040822			clay	2				0.1	2.0	1	3		
23_52	040822			clay	2				0.1	2.0	1	2		
23_53	040822			clay	2				0.1	2.0	1	2		
23_54	040822	1553076	6367449	clay	2				0.1	1.0	1	3		
23_55	040822	1553066	6367453	clay	2				0.1	1.2	1	3		
23_56	040822	1553057	6367457	clay	2				0.1	1.2	1	3		
23_57	040822	1553049	6367462	clay	1				0.1	1.5	1	3		
23_58	040822	1553040	6367466	clay	1				0.1	1.0	1	3		
23_59	040822	1553030	6367463	clay	1				0.1	1.0	1	2		
23_60	040822	1553020	6367460	clay	2							3	x	
23_61	040822	1553009	6367457	clay	1	3						3	x	
23_62	040822	1552999	6367456	coarse org detr	3	2		1				3	x	
23_63	040822	1552990	6367461	coarse org detr	3	2		1				3	x	
23_64	040822	1552980	6367457	clay	2	3		1	0.1	2.2	1	3		
23_65	040822			clay	2	3		1	0.1	2.2	1	3		
23_66	040822			clay	2	3		1	0.1	2.2	1	3		
23_67	040822	1552956	6367436	clay	2	3		1	0.1	2.2	1	3		
23_68	040822			clay	2	3		1	0.1	2.2	1	3		
23_69	040822			clay	2	3			0.1	2.2	1	3		
23_70	040822			clay	2	3			0.1	2.2	1	3		
23_71	040822			clay	2	3			0.1	2.2	1	3		
23_72	040822			clay	2	3			0.1	2.2	1	3		
23_73	040822	1552912	6367396	clay	1	3			0.1	2.2	1	3		
23_74	040822	1552902	6367395	clay	1	3						3	x	
23_75	040822			clay	1	3						3	x	
23_76	040822	1552881	6367397	clay	1	3						3	x	
23_77	040822			clay	1	3	1					3	x	
23_78	040822	1552870	6367383	clay	2	3	1					3	x	
23_79	040822	1552864	6367373	clay	2	3						3	x	
23_80	040822	1552856	6367366	clay	2	3						3	x	

23_81	040822	1552853	6367356	clay	2	3								3	x
23_82	040822	1552850	6367346	clay	2	3		1	1					3	x
23_83	040822	1552843	6367338	clay	2	3		1	1					3	x
23_84	040822	1552837	6367331	clay	2	3		1						3	x
23_85	040822	1552830	6367324	clay	2	3		2	1					3	x
23_86	040822	1552822	6367317	clay	2	3		2	1					3	x
23_87	040822	1552821	6367308	clay	2	3		1						2	x
23_88	040822	1552815	6367300	clay	2	3		1						3	x
23_89	040822	1552810	6367291	clay	2	3		1	1					3	x
23_90	040822			clay	2	3		1						3	x
23_91	040822	1552799	6367275	clay	2	3		1						3	x
23_92	040822	1552791	6367268	clay	2	3			1					3	x
23_93	040822	1552792	6367258	clay	2	3								3	x
23_94	040822			clay	2	3				0.1	1.0	1		2	
23_95	040822	1552776	6367246	clay		3				0.1	1.0	1		2	
23_96	040822	1552776	6367236	clay	2	3				0.1	1.0	1		3	
23_97	040822	1552770	6367226	clay	2	3		2						3	x
23_98	040822			clay	1	3								3	x
23_99	040822			clay	1	3								3	x
23_100	040822			clay	2	3		2						3	x
23_101	040822			clay	2	3	1	2						3	x
23_102	040822	1552760	6367183												
24_1	040822	1552309	6367440	clay	2	2		2						2	x
24_2	040822	1552308	6367430	clay	2	2		2						2	x
24_3	040822	1552309	6367421	clay	2	2		2						1	x
24_4	040822	1552308	6367413	clay	2	2		1	1					2	x
24_5	040822	1552314	6367406	clay	2	2		2						3	x
24_6	040822	1552321	6367399	clay	2	3		1						3	x
24_7	040822	1552329	6367394	clay	2	3		1						3	x
24_8	040822	1552332	6367385	clay	1	3		1						2	x
24_9	040822	1552331	6367375	clay	2	2		1	2					2	x
24_10	040822	1552330	6367366	clay	2	2		1	1					3	x
24_11	040822	1552330	6367357	boulder	2	1		2	2					2	x
24_12	040822	1552329	6367347	boulder	2	1		2	2					2	x
24_13	040822	1552320	6367342	cobble	2	2		2	2					2	x
24_14	040822	1552316	6367334	clay	2	2		2	1					2	x

24_15	040822	1552323	6367325	cobble	2		2			3	1				2	x
24_16	040822	1552318	6367315	cobble	2		2			2	2				2	x
24_17	040822	1552307	6367312	clay	2		3			2	1				2	x
24_18	040822	1552298	6367306	clay	2		3			2					3	x
24_19	040822	1552294	6367298	clay	2		3			2	1				3	x
24_20	040822	1552290	6367289	cobble	2		2			2	2				3	x
24_21	040822	1552286	6367279	coarse org detr	3		2			1					3	x
24_22	040822	1552285	6367269	coarse org detr	3		2								3	x
24_23	040822	1552280	6367260	coarse org detr	3		2								3	x
24_24	040822			coarse org detr	3		2								3	x
24_25	040822			clay	2		3								3	x
24_26	040822	1552281	6367232	clay	2		3			1					3	x
24_27	040822	1552285	6367224	clay	2		3								3	x
24_28	040822	1552288	6367216													
25_1	040818	1552053	6366896	coarse org detr	3	2					1				2	x
25_2	040818	1552065	6366893	coarse org detr	3	2					1				2	x
25_3	040818	1552074	6366889	coarse org detr	3	2					1				2	x
25_4	040818	1552080	6366885	coarse org detr	3	2					1				2	x
25_5	040818	1552087	6366882	coarse org detr	3	2					1				2	x
25_6	040818	1552096	6366879	coarse org detr	3	2					1				2	x
25_7	040818	1552102	6366883	coarse org detr	3	2									2	x
25_8	040818	1552110	6366882	coarse org detr	3	2									2	x
25_9	040818	1552118	6366877	coarse org detr	3	2									2	x
25_10	040818	1552128	6366873	boulder	2	2			1	2	3				1	x
25_11	040818	1552138	6366870	sand	1	1		2	2	2					3	x
25_12	040818	1552148	6366871	clay	2	1	3			1					2	x
25_13	040818	1552163	6366866	clay	2	1	3			1					2	x
25_14	040818	1552176	6366866	clay	2	1	3			1					3	x
25_15	040818	1552186	6366866	clay	2	1	3				1				2	x
25_16	040818	1552197	6366869	clay	2	1	3			2					3	x
25_17	040818	1552208	6366870	clay	2	1	3			1					2	x
25_18	040818	1552215	6366872	clay	2	1	3								3	x
25_19	040818	1552227	6366869	clay	2	1	3								3	x
25_20	040818	1552236	6366866	clay	2	1	3								3	x
25_21	040818	1552247	6366862	clay	2	1	3								3	x
25_22	040818	1552258	6366855	clay	2	1	3			1					3	x

25_23	040818	1552269	6366855	clay	2	1	3		1						3	x
25_24	040818	1552281	6366853	clay	2	1	3		2						3	x
25_25	040818	1552295	6366852	clay	2	1	3		2						3	x
25_26	040818	1552305	6366857	clay	2	1	3		2						3	x
25_27	040818			coarse org detr	3		1	2	1						3	x
25_28	040818	1552325	6366852	sand	2		2	2	1						3	x
25_29	040818	1552335	6366852	sand	2		1	2	1						3	x
25_30	040818	1552345	6366854	sand	2		1	3	1						3	x
25_31	040818	1552355	6366861	clay	2	1	3	1		1					3	x
25_32	040818	1552367	6366859	clay	2	1	3	1		1					3	x
25_33	040818	1552376	6366866	clay	2	1	3		1	2					3	x
25_34	040818	1552385	6366868	coarse org detr	3	1	2		2	1					3	x
25_35	040818	1552395	6366872	coarse org detr	3	1	2		1						3	x
25_36	040818	1552403	6366865	coarse org detr	3	1	2		1	1					3	x
25_37	040818	1552412	6366866	coarse org detr	3	1	2		1	1					3	x
25_38	040818	1552421	6366869	boulder					1	3					3	x
25_39	040818	1552430	6366868	coarse org detr	3	1	2			1					3	x
25_40	040818			coarse org detr	3	1			1	1					3	x
25_41	040818			coarse org detr	3	1	2		1	1					3	x
25_42	040818	1552456	6366875	coarse org detr	3		2								3	x
25_43	040818			coarse org detr	3		2		1	1					3	x
25_44	040818	1552472	6366888	coarse org detr	3		2								2	x
25_45	040818	1552478	6366895	coarse org detr	3		2								3	x
25_46	040818	1552486	6366898	coarse org detr	3		2		1	1					3	x
25_47	040818	1552500	6366903	coarse org detr	3		2								3	x
25_48	040818	1552512	6366902	coarse org detr	3		2								3	x
25_49	040818	1552519	6366898	coarse org detr	3		2					0.1	0.9	1	3	
25_50	040818	1552528	6366896	coarse org detr	3		2								3	x
25_51	040818	1552538	6366893	coarse org detr	3		2					0.1	1.1	1	3	
25_52	040818	1552540	6366883	clay	2		3					0.1	0.9	1	3	
25_53	040818	1552546	6366877	coarse org detr	3		2			1					3	x
25_54	040818	1552550	6366868	coarse org detr	3		2								3	x
25_55	040818	1552555	6366860	coarse org detr	3		2								3	x
25_56	040818			coarse org detr	3		2								3	x
25_57	040818	1552540	6366845	coarse org detr	3		2		1						2	x
25_58	040818	1552538	6366838	coarse org detr	3		1		2						2	x

25_59	040818	1552538	6366824	coarse org detr	2		1		2								3	x
25_60	040818	1552541	6366816	coarse org detr	2			1	2	2	1						3	x
25_61	040818	1552539	6366807	coarse org detr	3					2	1	1					3	x
25_62	040818	1552538	6366796	coarse org detr	3						1	2					3	x
25_63	040818	1552534	6366789	coarse org detr	3	1	1			1							3	x
25_64	040818	1552532	6366778	coarse org detr	3	1	2										2	x
25_65	040818	1552534	6366768	coarse org detr	3	1	2										3	x
25_66	040818	1552533	6366759	coarse org detr	3	1	1			1	2						3	x
25_67	040818	1552534	6366752															
26_1	040822	1552756	6366594	clay	2		3		1	2							3	x
26_2	040822	1552747	6366598	clay	2		3		1	2	1						3	x
26_3	040822	1552740	6366605	clay	2		3		1	2	1						3	x
26_4	040822	1552730	6366609	cobble	1		2	2		2							3	x
26_5	040822	1552719	6366608	clay			2	1		2	1						3	x
26_6	040822	1552708	6366605	sand			2	2		2							3	x
26_7	040822	1552698	6366607	sand			2	2		1	1						2	x
26_8	040822	1552688	6366611	clay			3	1		1	1						2	x
26_9	040822	1552678	6366611	clay			3			1	1		0.1	1.2	1	2		
26_10	040822	1552667	6366612	clay			3			2			0.1	1.2	1	2		
26_11	040822	1552659	6366608	clay			3			2			0.1	1.0	1	3		
26_12	040822	1552650	6366607	clay	2		3			2			0.1	1.0	1	2		
26_13	040822	1552639	6366606	clay	2		3			1			0.1	1.0	1	3		
26_14	040822	1552631	6366603	clay	2		3			1	1						3	x
26_15	040822	1552626	6366594	clay	2		3			1							3	x
26_16	040822	1552620	6366586	clay	2		3			1							3	x
26_17	040822	1552615	6366580	clay	2		3			2							3	x
26_18	040822	1552607	6366576	clay	1		2			2	1						3	x
26_19	040822	1552597	6366576	cobble			2	1	1	2	1						2	x
26_20	040822	1552588	6366577	clay			3			2	1						3	x
26_21	040822	1552581	6366583	clay			2			2							2	x
26_22	040822	1552574	6366587	clay			3			2	1						2	x
26_23	040822	1552569	6366595	clay			3			2							2	x
26_24	040822	1552566	6366605	clay	2		3			2	1						2	x
26_25	040822	1552561	6366612	clay	2		3			1							2	x
26_26	040822	1552554	6366618	clay	2		3										3	x
26_27	040822	1552547	6366623	clay	1		3			1			0.1	1.5	1	3		

26_28	040822	1552539	6366626	clay	1	3				0.1	1.2	1	3	
26_29	040822	1552529	6366628	clay	1	3				0.1	1.0	1	2	
26_30	040822	1552519	6366626	clay	1	3				0.1	1.0	1	2	
26_31	040822	1552511	6366628	clay	1	3				0.1	1.0	1	2	
26_32	040822	1552502	6366631	clay	1	3				0.1	1.0	1	1	
26_33	040822	1552493	6366634	clay		3				0.1	1.0	1	0	
26_34	040822	1552484	6366635	clay		3							0	x
26_35	040822	1552474	6366636	clay		3							2	x
26_36	040822	1552464	6366636	clay		3							2	x
26_37	040822	1552454	6366637	clay		3							2	x
26_38	040822	1552445	6366638	clay		3							2	x
26_39	040822	1552435	6366639	clay		3							2	x
26_40	040822	1552425	6366640	clay		3							3	x
26_41	040822	1552416	6366642	clay		3							3	x
26_42	040822	1552406	6366642	clay	2	3		1					3	x
26_43	040822	1552397	6366640	clay	1	3	1						3	x
26_44	040822	1552387	6366636	clay		3							3	x
26_45	040822	1552383	6366626	clay		3							2	x
26_46	040822	1552377	6366618	clay		3			1				2	x
26_47	040822	1552369	6366611	clay		3							2	x
26_48	040822	1552361	6366605	clay		3							3	x
26_49	040822	1552352	6366602	clay		3		2					3	x
26_50	040822	1552344	6366597	clay		3				0.1	0.5	1	0	
26_51	040822	1552342	6366588	clay		3				0.1	0.5	1	1	
26_52	040822	1552343	6366577	clay		3							2	x
26_53	040822	1552342	6366567	clay	2	3	1						2	x
26_54	040822	1552339	6366557	clay	2	3		1					1	x
26_55	040822	1552338	6366547	clay	2	3							2	x
26_56	040822	1552337	6366536	clay	1	3	1						2	x
26_57	040822	1552331	6366527	clay	2	2							3	x
26_58	040822	1552322	6366524	coarse org detr	3	2							3	x
26_59	040822	1552312	6366523	coarse org detr	2	2			1				3	x
26_60	040822	1552300	6366524	coarse org detr	3	2			1				3	x
26_61	040822	1552290	6366522	coarse org detr	2	2							2	x
26_62	040822	1552281	6366522	coarse org detr	2	2							3	x
26_63	040822	1552273	6366521											

Appendix 2

Vegetation in streams of the Simpevarp area

For classification of abundance and species distribution, see Methods.

Sect no	Date	X	Y	Abundance	Dominating species and their distribution
6_1	040824			2	Alisma plantago-aquatica2
6_2	040824			2	Alisma plantago-aquatica2
6_3	040824	1549380	6368919	2	Alisma plantago-aquatica2
6_4	040824	1549371	6368920	2	Alisma plantago-aquatica2
6_5	040824	1549361	6368917	1	
6_6	040824	1549352	6368911	1	
6_7	040824	1549347	6368906		
6_8	040824	1549341	6368899	1	
6_9	040824	1549329	6368896	1	
6_10	040824	1549322	6368901	1	
6_11	040824	1549310	6368900	1	
6_12	040824	1549305	6368896	1	
6_13	040824	1549295	6368895	1	
6_14	040824	1549287	6368889	1	
6_15	040824	1549277	6368888	1	
6_16	040824	1549266	6368888	2	Lysimachia thyrsiflora1, Equisetum fluviatile1
6_17	040824	1549257	6368885	3	Alisma plantago-aquatica2, Lysimachia thyrsiflora4, Potamogeton polygonifolius3
6_18	040824	1549250	6368879	2	Lysimachia thyrsiflora2
6_19	040824	1549241	6368876	1	
6_20	040824	1549230	6368874	3	Alisma plantago-aquatica3, Ranunculus flammula3, Potamogeton polygonifolius3, Sparganium sp.2
6_21	040824	1549221	6368871	3	Alisma plantago-aquatica1, Ranunculus flammula3, Potamogeton polygonifolius3
6_22	040824	1549213	6368867	3	Ranunculus flammula3, Potamogeton polygonifolius3
6_23	040824	1549204	6368867	1	
6_24	040824	1549207	6368855	5	Alisma plantago-aquatica4, Equisetum fluviatile4, Potamogeton polygonifolius4

6_25	040824	1549208	6368845	5	Alisma plantago-aquatica4, Equisetum fluviatile4, Potamogeton polygonifolius5
6_26	040824	1549206	6368836	3	Alisma plantago-aquatica2, Ranunculus flammula3, Mentha arvensis2, Potamogeton polygonifolius3
6_27	040824	1549196	6368831	3	Ranunculus flammula3, Mentha arvensis1, Potamogeton polygonifolius3
6_28	040824	1549192	6368823	5	Lysimachia thyrsiflora4, Ranunculus flammula4, Equisetum fluviatile4, Sparganium sp.4
6_29	040824	1549186	6368814	5	Lysimachia thyrsiflora4, Ranunculus flammula4, Equisetum fluviatile4, Sparganium sp.4
6_30	040824	1549178	6368808	5	Lysimachia thyrsiflora4, Ranunculus flammula4, Equisetum fluviatile4, Sparganium sp.4, Potamogeton polygonifolius5
6_31	040824	1549167	6368804	5	Lysimachia thyrsiflora4, Ranunculus flammula4, Equisetum fluviatile4, Sparganium sp.4, Potamogeton polygonifolius5
6_32	040824	1549159	6368800	5	Lysimachia thyrsiflora4, Ranunculus flammula4, Equisetum fluviatile4, Sparganium sp.4, Potamogeton polygonifolius5
6_33	040824	1549151	6368796	5	Alisma plantago-aquatica3, Ranunculus flammula3, Potamogeton polygonifolius4, Sparganium sp.4
6_34	040825			5	Alisma plantago-aquatica3, Ranunculus flammula3, Potamogeton polygonifolius4, Sparganium sp.4
6_35	040824	1549134	6368787	5	Alisma plantago-aquatica3, Ranunculus flammula3, Potamogeton polygonifolius4, Sparganium sp.4
6_36	040824	1549124	6368780	5	Alisma plantago-aquatica3, Ranunculus flammula3, Potamogeton polygonifolius4, Sparganium sp.4
6_37	040824	1549113	6368780	5	Alisma plantago-aquatica3, Ranunculus flammula3, Potamogeton polygonifolius4, Sparganium sp.4
6_38	040824	1549104	6368782	5	Alisma plantago-aquatica3, Ranunculus flammula3, Potamogeton polygonifolius4, Sparganium sp.4
6_39	040824	1549094	6368783	5	Alisma plantago-aquatica3, Ranunculus flammula3, Potamogeton polygonifolius4, Sparganium sp.4
6_40	040824	1549084	6368783	5	Alisma plantago-aquatica4, Ranunculus flammula4, Sparganium sp.4
6_41	040824	1549074	6368781	5	Alisma plantago-aquatica4, Ranunculus flammula4, Sparganium sp.4
6_42	040824	1549064	6368781	5	Alisma plantago-aquatica4, Ranunculus flammula4, Sparganium sp.4
6_43	040824	1549055	6368778	5	Alisma plantago-aquatica4, Ranunculus flammula4, Sparganium sp.4
6_44	040824	1549044	6368779	5	Alisma plantago-aquatica4, Ranunculus flammula4, Sparganium sp.4
6_45	040824	1549034	6368780	5	Alisma plantago-aquatica4, Ranunculus flammula4, Sparganium sp.4
6_46	040824	1549025	6368778	5	Alisma plantago-aquatica4, Lysimachia thyrsiflora2, Typha latifolia4, Potamogeton polygonifolius4, Sparganium sp.4
6_47	040824	1549017	6368777	5	Alisma plantago-aquatica4, Ranunculus flammula4, Lysimachia thyrsiflora2, Potamogeton polygonifolius3, Sparganium sp.4
6_48	040824	1549007	6368774	5	Alisma plantago-aquatica4, Ranunculus flammula4, Lysimachia thyrsiflora2, Potamogeton polygonifolius3, Sparganium sp.4
6_49	040824	1548996	6368773	5	Alisma plantago-aquatica4, Ranunculus flammula4, Lysimachia thyrsiflora2, Potamogeton polygonifolius3, Sparganium sp.4
6_50	040824	1548988	6368769	5	Alisma plantago-aquatica4, Ranunculus flammula4, Lysimachia thyrsiflora2, Potamogeton polygonifolius3, Sparganium sp.4
6_51	040824	1548977	6368770	5	Alisma plantago-aquatica4, Ranunculus flammula4, Lysimachia thyrsiflora2, Potamogeton polygonifolius3, Sparganium sp.4
6_52	040824			5	Alisma plantago-aquatica4, Ranunculus flammula4, Lysimachia thyrsiflora2, Potamogeton polygonifolius3, Sparganium sp.4
6_53	040824			5	Alisma plantago-aquatica4, Ranunculus flammula4, Lysimachia thyrsiflora2
6_54	040824	1548948	6368762	5	Alisma plantago-aquatica4, Ranunculus flammula4, Lysimachia thyrsiflora2
6_55	040824			3	Alisma plantago-aquatica4, Ranunculus flammula3
6_56	040825			3	Alisma plantago-aquatica4, Ranunculus flammula3

6_57	040824			3	Alisma plantago-aquatica4, Ranunculus flammula3
6_58	040824			2	Alisma plantago-aquatica1, Potamogeton berchtoldii3
6_59	040824			2	Alisma plantago-aquatica1, Ranunculus flammula3, Potamogeton berchtoldii3
6_60	040824	1548890	6368745	3	Alisma plantago-aquatica4, Ranunculus flammula4, Potamogeton berchtoldii3
6_61	040824	1548881	6368744	3	Alisma plantago-aquatica4, Ranunculus flammula4, Potamogeton berchtoldii3
6_62	040824	1548871	6368747	3	Alisma plantago-aquatica4, Ranunculus flammula3
6_63	040824	1548866	6368739	3	Alisma plantago-aquatica4, Ranunculus flammula3, Hottonia palustris3
6_64	040824	1548861	6368733	4	Alisma plantago-aquatica4, Ranunculus flammula3, Hottonia palustris3
6_65	040824	1548862	6368722	5	Alisma plantago-aquatica4, Potamogeton polygonifolius3, Sparganium sp.4
6_66	040824	1548855	6368713	5	Alisma plantago-aquatica4, Potamogeton polygonifolius3, Sparganium sp.4
6_67	040824			5	Alisma plantago-aquatica4, Ranunculus flammula4, Potamogeton polygonifolius4, Sparganium sp.4
6_68	040824	1548838	6368705	5	Alisma plantago-aquatica4, Ranunculus flammula4, Potamogeton polygonifolius4, Sparganium sp.4
6_69	040824	1548829	6368707	5	Alisma plantago-aquatica4, Ranunculus flammula4, Potamogeton polygonifolius4, Sparganium sp.4
6_70	040824	1548819	6368710	5	Alisma plantago-aquatica4, Ranunculus flammula4, Potamogeton polygonifolius4, Sparganium sp.4, Lysimachia thyrsiflora4
6_71	040824	1548810	6368710	5	Alisma plantago-aquatica4, Ranunculus flammula4, Potamogeton polygonifolius4, Sparganium sp.4, Lysimachia thyrsiflora4
6_72	040824	1548801	6368715	5	Alisma plantago-aquatica4, Ranunculus flammula4, Potamogeton polygonifolius4, Sparganium sp.4, Lysimachia thyrsiflora4
6_73	040824	1548793	6368718	5	Alisma plantago-aquatica4, Ranunculus flammula4, Potamogeton polygonifolius4, Sparganium sp.4, Lysimachia thyrsiflora4
6_74	040824	1548785	6368720	5	Alisma plantago-aquatica4, Ranunculus flammula4, Potamogeton polygonifolius4, Sparganium sp.4, Lysimachia thyrsiflora4
6_75	040824			5	Alisma plantago-aquatica4, Ranunculus flammula4, Potamogeton polygonifolius4, Sparganium sp.4, Lysimachia thyrsiflora4
6_76	040824	1548765	6368719	5	Alisma plantago-aquatica4, Ranunculus flammula3, Lysimachia thyrsiflora4, Typha latifolia2
6_77	040824	1548756	6368723	5	Alisma plantago-aquatica4, Ranunculus flammula3, Lysimachia thyrsiflora4, Typha latifolia2
6_78	040824	1548748	6368724	1	
6_79	040824	1548737	6368726	1	
6_80	040825	1548728	6368728	5	Alisma plantago-aquatica2, Glyceria fluitans4
6_81	040825	1548719	6368731	5	Alisma plantago-aquatica2, Glyceria fluitans4
6_82	040825	1548710	6368730	5	Alisma plantago-aquatica2, Glyceria fluitans4
6_83	040825	1548699	6368730	5	Alisma plantago-aquatica2, Glyceria fluitans4
6_84	040825	1548690	6368727	3	Alisma plantago-aquatica2, Hottonia palustris3
6_85	040825	1548686	6368718	4	Alisma plantago-aquatica2, Glyceria fluitans4
6_86	040825	1548682	6368708	4	Alisma plantago-aquatica2, Glyceria fluitans4, Juncus effusus3
6_87	040825	1548679	6368699	4	Alisma plantago-aquatica2, Glyceria fluitans4, Juncus effusus3
6_88	040825	1548674	6368691	4	Alisma plantago-aquatica2, Glyceria fluitans4, Juncus effusus3

6_89	040825	1548672	6368681	4	Alisma plantago-aquatica3, Glyceria fluitans4
6_90	040825	1548666	6368671	4	Alisma plantago-aquatica3, Glyceria fluitans4
6_91	040825	1548660	6368664	4	Alisma plantago-aquatica3, Glyceria fluitans4
6_92	040825	1548655	6368657	4	Alisma plantago-aquatica3, Glyceria fluitans4
6_93	040825	1548650	6368648	4	Alisma plantago-aquatica3, Glyceria fluitans4
6_94	040825	1548644	6368639	4	Alisma plantago-aquatica3, Glyceria fluitans4
6_95	040825	1548640	6368630	4	Alisma plantago-aquatica3, Glyceria fluitans4
6_96	040825	1548635	6368623	4	Alisma plantago-aquatica3, Lysimachia thyrsiflora4
6_97	040825	1548629	6368615	4	Alisma plantago-aquatica3, Lysimachia thyrsiflora4, Glyceria fluitans4
6_98	040825	1548623	6368605	4	Alisma plantago-aquatica3, Lysimachia thyrsiflora4, Glyceria fluitans4
6_99	040825	1548618	6368597	4	Alisma plantago-aquatica3, Lysimachia thyrsiflora4, Glyceria fluitans4
6_100	040825	1548611	6368591	4	Alisma plantago-aquatica4, Lysimachia thyrsiflora4
6_101	040825	1548606	6368581	4	Alisma plantago-aquatica4, Lysimachia thyrsiflora4
6_102	040825	1548600	6368573	4	Alisma plantago-aquatica4, Lysimachia thyrsiflora4
6_103	040825	1548599	6368563	4	Alisma plantago-aquatica4, Lysimachia thyrsiflora4
6_104	040825	1548598	6368554	4	Alisma plantago-aquatica4
6_105	040825	1548597	6368545	4	Alisma plantago-aquatica4
6_106	040825	1548594	6368536	4	Alisma plantago-aquatica4, Typha latifolia4
6_107	040825	1548594	6368526	4	Alisma plantago-aquatica4, Typha latifolia4
6_108	040825	1548593	6368516	4	Alisma plantago-aquatica2, Glyceria fluitans4
6_109	040825	1548592	6368506	4	Alisma plantago-aquatica2, Glyceria fluitans4
6_110	040825	1548590	6368498	4	Alisma plantago-aquatica2, Glyceria fluitans4
6_111	040825	1548590	6368488	4	Alisma plantago-aquatica2, Glyceria fluitans4, Juncus effusus3
6_112	040825	1548589	6368478	4	Alisma plantago-aquatica2, Glyceria fluitans4, Juncus effusus3
6_113	040825	1548590	6368468	4	Alisma plantago-aquatica2, Glyceria fluitans4, Juncus effusus3
6_114	040825	1548589	6368458	4	Alisma plantago-aquatica2, Glyceria fluitans4, Juncus effusus3
6_115	040825	1548589	6368448	4	Alisma plantago-aquatica2, Glyceria fluitans4, Juncus effusus3
6_116	040825	1548589	6368438	4	Alisma plantago-aquatica2, Glyceria fluitans4, Juncus effusus3
6_117	040825	1548589	6368428	4	Alisma plantago-aquatica2, Glyceria fluitans4, Juncus effusus3
6_118	040825			4	Alisma plantago-aquatica2, Glyceria fluitans4, Juncus effusus3
6_119	040825	1548589	6368409	4	Alisma plantago-aquatica2, Glyceria fluitans4
6_120	040825	1548589	6368400	4	Alisma plantago-aquatica2, Glyceria fluitans4

6_121	040825	1548591	6368390	4	Alisma plantago-aquatica2, Glyceria fluitans4
6_122	040825	1548597	6368384	4	Hottonia palustris3
6_123	040825			4	Hottonia palustris3
6_124	040825	1548597	6368365	4	Hottonia palustris3
6_125	040825	1548598	6368356	4	Hottonia palustris3
6_126	040825	1548599	6368345	3	Alisma plantago-aquatica2, Hottonia palustris3
6_127	040825	1548604	6368336	3	Alisma plantago-aquatica2, Hottonia palustris3
6_128	040825	1548607	6368326	3	Alisma plantago-aquatica2, Hottonia palustris3
6_129	040825	1548610	6368315	4	Alisma plantago-aquatica2, Glyceria fluitans4
6_130	040825	1548612	6368306	4	Alisma plantago-aquatica2, Glyceria fluitans4
6_131	040825	1548614	6368298	3	Alisma plantago-aquatica4, Sparganium sp.4
6_132	040825	1548613	6368288	3	Alisma plantago-aquatica4, Sparganium sp.4
6_133	040825			3	Alisma plantago-aquatica4, Sparganium sp.4
6_134	040825	1548614	6368271	3	Alisma plantago-aquatica4, Sparganium sp.4
6_135	040825			3	Alisma plantago-aquatica4, Sparganium sp.4, Potamogeton berchtoldii4
6_136	040825			4	Alisma plantago-aquatica2, Glyceria fluitans4
6_137	040825			4	Alisma plantago-aquatica2, Glyceria fluitans4
6_138	040825			4	Alisma plantago-aquatica2, Glyceria fluitans4
6_139	040825			4	Alisma plantago-aquatica2, Glyceria fluitans4
6_140	040825	1548602	6368222	4	Alisma plantago-aquatica2, Glyceria fluitans4
6_141	040825			4	Alisma plantago-aquatica2, Typha latifolia3
6_142	040825			4	Alisma plantago-aquatica2, Typha latifolia3
6_143	040825	1548596	6368192	4	Alisma plantago-aquatica2, Glyceria fluitans4, Sparganium sp.4, Potamogeton polygonifolius3
6_144	040825	1548593	6368182	4	Alisma plantago-aquatica2, Glyceria fluitans4, Sparganium sp.4, Potamogeton polygonifolius3
6_145	040825	1548592	6368174	3	Hottonia palustris3, Alisma plantago-aquatica2
6_146	040825	1548594	6368164		
6_147	040825	1548590	6368156		
6_148	040825			4	Potamogeton polygonifolius4, Glyceria fluitans4
6_149	040825	1548581	6368135	5	Alisma plantago-aquatica2, Glyceria fluitans4
6_150	040825	1548573	6368132	5	Alisma plantago-aquatica2, Glyceria fluitans4
6_151	040825	1548565	6368129	5	Alisma plantago-aquatica2, Glyceria fluitans4
6_152	040825	1548557	6368124	5	Alisma plantago-aquatica2, Glyceria fluitans4

6_153	040825	1548546	6368121	5	Alisma plantago-aquatica2, Glyceria fluitans4
6_154	040825	1548538	6368118	5	Alisma plantago-aquatica2, Glyceria fluitans4, Galium palustre3
6_155	040825	1548529	6368113	5	Equisetum fluviatile4, Alisma plantago-aquatica2
6_156	040825	1548520	6368109	5	Equisetum fluviatile4, Alisma plantago-aquatica2
6_157	040825	1548512	6368106		
6_158	040825	1548505	6368104		
6_159	040825	1548495	6368101	5	Alisma plantago-aquatica4
6_160	040825	1548486	6368102	5	Alisma plantago-aquatica4
6_161	040825	1548477	6368104	5	Alisma plantago-aquatica4
6_162	040825	1548467	6368107		
6_163	040825	1548458	6368108	4	Potamogeton polygonifolius3, Alisma plantago-aquatica3
6_164	040825	1548449	6368104		
6_165	040825	1548439	6368100		
6_166	040825			2	Juncus effusus3
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6_168	040826	1548411	6368096		
6_169	040826	1548401	6368095		
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6_171	040826	1548384	6368090		
6_172	040826	1548374	6368090		
6_173	040826	1548363	6368087		
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6_175	040826	1548347	6368098		
6_176	040826	1548330	6368105		
6_177	040826	1548320	6368107		
6_178	040826	1548310	6368108		
6_179	040826	1548300	6368111		
6_180	040826	1548291	6368108		
6_181	040826	1548281	6368108	4	Alisma plantago-aquatica2, Lysimachia thyrsiflora2
6_182	040826	1548272	6368107	4	Alisma plantago-aquatica2, Galium palustre3
6_183	040826	1548262	6368105	4	Alisma plantago-aquatica2, Galium palustre3, Lysimachia thyrsiflora4
6_184	040826	1548252	6368104	4	Alisma plantago-aquatica2, Galium palustre3, Lysimachia thyrsiflora4

6_185	040826	1548242	6368102	4	Alisma plantago-aquatica4
6_186	040826	1548232	6368100	4	Alisma plantago-aquatica2, Galium palustre3, Juncus effusus3, Lemna minor4
6_187	040826	1548221	6368100		
6_188	040826	1548211	6368100		
6_189	040826	1548201	6368098		
6_190	040826	1548191	6368096		
6_191	040826	1548181	6368096		
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6_202	040826	1548081	6368061		
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6_210	040826	1548002	6368047		
6_211	040826	1547993	6368046		
6_212	040826	1547983	6368045		
6_213	040826	1547973	6368043		
6_214	040826	1547962	6368041		
6_215	040826	1547953	6368040		
6_216	040826	1547943	6368038		

6_217	040826	1547934	6368034		
6_218	040826	1547925	6368033	4	Galium palustre4
6_219	040826	1547915	6368032	5	Lemna minor5, Alisma plantago-aquatica2, Galium palustre3
6_220	040826	1547905	6368031	5	Lemna minor5, Alisma plantago-aquatica2, Galium palustre3, Typha latifolia4
6_221	040826	1547895	6368029	5	Galium palustre5, Typha latifolia4
6_222	040826	1547885	6368027	5	Galium palustre5, Typha latifolia4
6_223	040826	1547876	6368025	5	Galium palustre5, Typha latifolia4
6_224	040826	1547866	6368023	5	Galium palustre5, Typha latifolia4
6_225	040826	1547856	6368022	5	Lemna minor4, Galium palustre3
6_226	040826	1547846	6368021	5	Lemna minor4, Galium palustre3
6_227	040826	1547836	6368019	5	Lemna minor4, Galium palustre3
6_228	040826	1547827	6368017	5	Lemna minor4, Galium palustre3
6_229	040826	1547817	6368015	5	Lemna minor4, Galium palustre3
6_230	040826	1547807	6368014	5	Lemna minor4, Galium palustre4, Alisma plantago-aquatica1, Potamogeton berchtoldii4
6_231	040826	1547797	6368012	5	Lemna minor4, Galium palustre4, Alisma plantago-aquatica1, Potamogeton berchtoldii4
6_232	040826	1547789	6368008		
6_233	040826	1547781	6368005	5	Galium palustre3, Lemna minor4, Lysimachia thyrsiflora4
6_234	040826	1547772	6368001	5	Galium palustre3, Lemna minor4, Lysimachia thyrsiflora4
6_235	040826	1547762	6368002	5	Galium palustre3, Lemna minor4, Lysimachia thyrsiflora4
6_236	040826	1547755	6367997	5	Galium palustre3, Lemna minor4, Lysimachia thyrsiflora4
6_237	040826	1547744	6367996	5	Galium palustre4, Glyceria fluitans4, Lysimachia thyrsiflora1, Lemna minor3
6_238	040826	1547734	6367994	5	Galium palustre4, Glyceria fluitans4, Lysimachia thyrsiflora1, Lemna minor3
6_239	040826	1547724	6367993	5	Galium palustre4, Glyceria fluitans4, Lysimachia thyrsiflora1, Lemna minor3
6_240	040826	1547714	6367994	5	Galium palustre4, Glyceria fluitans4, Lysimachia thyrsiflora1, Lemna minor3
6_241	040826	1547705	6367997	5	Lemna minor5, Alisma plantago-aquatica1
6_242	040826	1547696	6368001	5	Lemna minor5, Alisma plantago-aquatica1
6_243	040826	1547686	6368002	5	Lemna minor5, Alisma plantago-aquatica1, Potamogeton berchtoldii3
6_244	040826	1547677	6368005	5	Lemna minor5, Alisma plantago-aquatica1, Potamogeton berchtoldii3
6_245	040826	1547667	6368004	5	Galium palustre4
6_246	040826	1547657	6368004	5	Galium palustre4, Juncus effusus3
6_247	040826	1547648	6368003		
6_248	040826	1547638	6368004	5	Galium palustre4, Juncus effusus3

6_249	040826	1547629	6368003	5	Galium palustre4, Juncus effusus3
6_250	040826	1547619	6368003	5	Galium palustre4, Juncus effusus3
6_251	040826	1547610	6368003	5	Galium palustre4, Juncus effusus3
6_252	040826	1547600	6368005	5	Galium palustre4, Juncus effusus3
6_253	040826	1547592	6367999	4	Galium palustre4, Alisma plantago-aquatica1
6_254	040826	1547588	6367993		
6_255	040826	1547582	6367985		
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6_292	040826	1547238	6367951		
6_293	040826				
6_294	040826	1547220	6367945		
6_295	040826	1547210	6367942	3	Lysimachia thyrsiflora1, Lemna minor3
6_296	040826	1547201	6367939	4	Lysimachia thyrsiflora1
6_297	040826	1547191	6367931	4	Lysimachia thyrsiflora1
6_298	040826	1547183	6367927	5	Lemna minor4, Utricularia sp.4, Alisma plantago-aquatica1, Myosotis laxa3
6_299	040826	1547172	6367923	5	Lemna minor4, Utricularia sp.4, Alisma plantago-aquatica1, Myosotis laxa3
6_300	040826	1547164	6367918	5	Lemna minor4, Utricularia sp.4, Alisma plantago-aquatica1, Myosotis laxa3
6_301	040826	1547154	6367916	5	Alisma plantago-aquatica5, Phragmites australis4, Lemna minor4, Utricularia sp.4
6_302	040826	1547146	6367910	5	Alisma plantago-aquatica5, Phragmites australis4, Lemna minor4, Utricularia sp.4
6_303	040826	1547138	6367905	5	Alisma plantago-aquatica5, Phragmites australis4, Lemna minor4, Utricularia sp.4
6_304	040826	1547130	6367899	5	Alisma plantago-aquatica5, Lemna minor4, Utricularia sp.4
6_305	040826	1547122	6367895	5	Alisma plantago-aquatica5, Lemna minor4, Utricularia sp.4
6_306	040826	1547112	6367893	5	Alisma plantago-aquatica5, Lemna minor4, Sparganium sp.3
6_307	040826	1547102	6367891	5	Alisma plantago-aquatica5, Lemna minor4, Sparganium sp.3
6_308	040826	1547091	6367888	5	Alisma plantago-aquatica5, Lemna minor4, Sparganium sp.3
6_309	040826	1547079	6367887	5	Alisma plantago-aquatica5, Lemna minor4, Sparganium sp.3, Myosotis laxa4
6_310	040826	1547068	6367886	5	Alisma plantago-aquatica5, Lemna minor4, Sparganium sp.3, Myosotis laxa4
6_311	040826	1547058	6367888	5	Alisma plantago-aquatica5, Lemna minor4, Sparganium sp.3, Myosotis laxa4
6_312	040826	1547048	6367890	5	Alisma plantago-aquatica5, Lemna minor4, Sparganium sp.3, Myosotis laxa4

6_313	040826	1547039	6367892	5	Alisma plantago-aquatica5, Lemna minor4, Sparganium sp.3, Myosotis laxa4
6_314	040826	1547030	6367894	5	Alisma plantago-aquatica5, Lemna minor4, Sparganium sp.3, Myosotis laxa4
6_315	040826	1547020	6367896	5	Alisma plantago-aquatica5, Lemna minor4, Sparganium sp.3, Myosotis laxa4
6_316	040826	1547009	6367898	5	Alisma plantago-aquatica5, Myosotis laxa, Utricularia sp.4, Lemna minor4
6_317	040826	1547000	6367901	5	Alisma plantago-aquatica5, Myosotis laxa, Utricularia sp.4, Lemna minor4
6_318	040826	1546991	6367905	5	Alisma plantago-aquatica5, Myosotis laxa, Utricularia sp.4, Lemna minor4
6_319	040826	1546983	6367910	5	Alisma plantago-aquatica5, Myosotis laxa, Utricularia sp.4, Lemna minor4
6_320	040826	1546973	6367915	5	Alisma plantago-aquatica5, Myosotis laxa, Utricularia sp.4, Lemna minor4
6_321	040826	1546964	6367919	5	Alisma plantago-aquatica5, Myosotis laxa, Utricularia sp.4, Lemna minor4
6_322	040826	1546956	6367924	5	Alisma plantago-aquatica5, Myosotis laxa, Utricularia sp.4, Lemna minor4
6_323	040826	1546946	6367928	5	Alisma plantago-aquatica5, Myosotis laxa, Utricularia sp.4, Lemna minor4
6_324	040826	1546936	6367932	5	Alisma plantago-aquatica5, Myosotis laxa4, Lemna minor4
6_325	040826	1546927	6367936	5	Alisma plantago-aquatica5, Myosotis laxa4, Lemna minor4
6_326	040826	1546918	6367940	5	Alisma plantago-aquatica5, Myosotis laxa4, Lemna minor4
6_327	040826	1546908	6367944	5	Alisma plantago-aquatica5, Myosotis laxa4, Lemna minor4
6_328	040826	1546899	6367949	5	Alisma plantago-aquatica5, Myosotis laxa4, Lemna minor4
6_329	040826	1546889	6367952	5	Alisma plantago-aquatica5, Myosotis laxa4, Lemna minor4
6_330	040826	1546880	6367957	5	Alisma plantago-aquatica5, Myosotis laxa4, Lemna minor4
6_331	040826	1546871	6367961	5	Alisma plantago-aquatica4, Myosotis laxa4
6_332	040826	1546862	6367965	5	Alisma plantago-aquatica4, Myosotis laxa4
6_333	040826	1546852	6367969	5	Alisma plantago-aquatica4, Myosotis laxa4
6_334	040826	1546843	6367973	5	Alisma plantago-aquatica4, Myosotis laxa4
6_335	040826	1546834	6367977	5	
6_336	040826	1546824	6367980	5	Alisma plantago-aquatica5
6_337	040826	1546814	6367981	5	Alisma plantago-aquatica5
6_338	040826	1546803	6367981	5	Alisma plantago-aquatica5
6_339	040826	1546794	6367981	5	Alisma plantago-aquatica5
6_340	040826	1546784	6367981	5	Alisma plantago-aquatica5
6_341	040826	1546774	6367981	5	Alisma plantago-aquatica5
6_342	040826	1546764	6367981	5	Alisma plantago-aquatica5
6_343	040826	1546754	6367980	5	Alisma plantago-aquatica5
6_344	040826	1546744	6367980	5	Alisma plantago-aquatica4

6_345	040826	1546733	6367980	5	Alisma plantago-aquatica4
6_346	040826	1546724	6367980	5	Alisma plantago-aquatica4
6_347	040826	1546714	6367981	5	Alisma plantago-aquatica4
6_348	040826	1546704	6367980	5	Alisma plantago-aquatica4
6_349	040826	1546694	6367981	1	
6_350	040826	1546684	6367980	4	Juncus effusus3, Lysimachia thyrsiflora4
6_351	040826	1546679	6367985	4	Juncus effusus3, Lysimachia thyrsiflora4
6_352	040826	1546677	6367993	4	Juncus effusus3, Lysimachia thyrsiflora4, Galium palustre4
6_353	040826	1546670	6368000	4	Juncus effusus3, Lysimachia thyrsiflora4, Galium palustre4
6_354	040826	1546663	6368007	4	Juncus effusus3, Lysimachia thyrsiflora4, Galium palustre4
6_355	040826	1546654	6368011	4	Juncus effusus3, Lysimachia thyrsiflora4, Galium palustre4
6_356	040826	1546645	6368013		
6_357	040826	1546583	6368003		
6_358	040826	1546575	6368008		
6_359	040826	1546567	6368013		
6_360	040826	1546559	6368019		
6_361	040826	1546551	6368025		
6_362	040826	1546543	6368030		
6_363	040826	1546535	6368035	5	Juncus effusus3, Carex rostrata4
6_364	040826	1546502	6368049	4	Juncus effusus3, Carex rostrata4
6_365	040826	1546495	6368051	4	Galium palustre4, Juncus effusus3
6_366	040826	1546486	6368054	5	Galium palustre4, Juncus effusus3, Alisma plantago-aquatica1
6_367	040826	1546477	6368058	4	Galium palustre4, Juncus effusus3, Alisma plantago-aquatica1
6_368	040826	1546469	6368064	4	Galium palustre4, Juncus effusus3, Alisma plantago-aquatica1
6_369	040826	1546458	6368066		
6_370	040826				
6_371	040826				
6_372	040826				
6_373	040826	1546502	6368049	2	Alisma plantago-aquatica1
6_374	040826	1546495	6368051	3	Caltha palustris2
6_375	040826	1546486	6368054	3	Caltha palustris2
6_376	040826	1546477	6368058	3	Alisma plantago-aquatica1, Caltha palustris1

6_377	040826	1546469	6368064	3	Alisma plantago-aquatica1, Caltha palustris1
6_378	040826	1546458	6368066	4	Ranunculus flammula4, Caltha palustris2
6_379	040826	1546449	6368069	4	Ranunculus flammula4, Caltha palustris2
6_380	040826	1546440	6368073	4	Juncus effusus3
6_381	040826	1546429	6368075	4	Juncus effusus3, Lysimachia thyrsiflora4
6_382	040826	1546420	6368080	4	Salix caprea3, Alnus glutinosa3, Juncus effusus3
6_383	040826	1546409	6368082	5	Hottonia palustris3, Salix caprea3, Juncus effusus3
6_384	040826	1546400	6368084	5	Hottonia palustris3, Salix caprea3, Juncus effusus3
6_385	040826	1546390	6368079	5	Hottonia palustris3, Salix caprea3, Juncus effusus3
6_386	040826	1546381	6368079	5	Callitriche sp.4, Juncus effusus3
6_387	040826	1546370	6368078	5	Callitriche sp.4, Juncus effusus3
6_388	040826	1546361	6368080	5	Callitriche sp.4, Juncus effusus3
6_389	040826	1546352	6368085	5	Callitriche sp.4, Juncus effusus3
6_390	040826	1546343	6368089	5	Lysimachia thyrsiflora4, Alnus glutinosa3
6_391	040826	1546334	6368090	5	Lysimachia thyrsiflora4, Alnus glutinosa3
6_392	040826	1546324	6368093	5	Lysimachia thyrsiflora4, ruta-ranunculus4
6_393	040826	1546315	6368093		Lysimachia thyrsiflora4, ruta-ranunculus4
6_394	040826	1546306	6368091		Juncus effusus3, Lysimachia thyrsiflora4
6_395	040826	1546296	6368094		
6_396	040826	1546287	6368098		
6_397	040826				
6_398	040826				
6_399	040826	1546270	6368120		
6_400	040826				
6_401	040826	1546285	6368151		
6_402	040826				
7_1	040824			1	
7_2	040824			1	
7_3	040824			1	
7_4	040824	1550053	6368463	1	
7_5	040824	1550043	6368467	1	
7_6	040824	1550034	6368463	1	

7_7	040824	1550027	6368463	1	
7_8	040824	1550019	6368459	1	
7_9	040824	1550016	6368469	1	
7_10	040824	1550007	6368475	1	
7_11	040824	1549999	6368474	1	
7_12	040824	1549991	6368479	1	
7_13	040824	1549982	6368479	1	
7_14	040824	1549978	6368470	1	
7_15	040824	1549969	6368466	2	Hottonia palustris3
7_16	040824	1549960	6368471	1	
7_17	040824	1549951	6368476	2	Hottonia palustris3
7_18	040824	1549943	6368472	1	
7_19	040824	1549933	6368471	3	Hottonia palustris3, Potamogeton berchtoldii4
7_20	040824	1549924	6368472	3	Hottonia palustris3, Potamogeton berchtoldii3
7_21	040824	1549912	6368470	3	Hottonia palustris3, Potamogeton berchtoldii3
7_22	040824			3	Hottonia palustris3, Potamogeton berchtoldii3
7_23	040824			3	Hottonia palustris3, Potamogeton berchtoldii3
7_24	040824			3	Hottonia palustris3, Potamogeton berchtoldii3
7_25	040824			3	Hottonia palustris3, Potamogeton berchtoldii3
7_26	040824			3	Hottonia palustris3, Potamogeton berchtoldii3
7_27	040824	1549861	6368450	2	Fontinalis antipyretica3
7_28	040824	1549854	6368445	1	
7_29	040824	1549854	6368435	2	Potamogeton berchtoldii3
7_30	040824	1549848	6368426	3	Alisma plantago-aquatica1, Hottonia palustris3, Potamogeton berchtoldii3, Equisetum fluviatile1
7_31	040824	1549839	6368421	3	Alisma plantago-aquatica1, Hottonia palustris3, Potamogeton berchtoldii3, Equisetum fluviatile1
7_32	040824	1549830	6368414	5	Alisma plantago-aquatica2, Glyceria fluitans5
7_33	040824			5	Alisma plantago-aquatica2, Glyceria fluitans5
7_34	040824			2	Alisma plantago-aquatica1
7_35	040824	1549815	6368390	1	
7_36	040824			1	
7_37	040824			1	
7_38	040824			1	

7_39	040824			1	
7_40	040824			2	Alisma plantago-aquatica1
7_41	040824			2	Equisetum fluviatile1
7_42	040824	1549770	6368352	4	Alisma plantago-aquatica4, Equisetum fluviatile2, Typha latifolia4
7_43	040824	1549763	6368344	4	Alisma plantago-aquatica3, Equisetum fluviatile4
7_44	040824	1549757	6368338	2	Equisetum fluviatile1
7_45	040824	1549747	6368336	2	Alisma plantago-aquatica1
7_46	040824	1549738	6368333	3	Alisma plantago-aquatica4, Equisetum fluviatile4
7_47	040824	1549728	6368331	3	Alisma plantago-aquatica1, Equisetum fluviatile4
7_48	040824	1549718	6368331	1	
7_49	040824			1	
7_50	040824			1	
7_51	040824	1549687	6368343	1	
7_52	040824	1549678	6368348	1	
7_53	040824			1	
7_54	040824			1	
7_55	040824			1	
7_56	040824			1	
7_57	040824			1	
7_58	040824	1549617	6368365	1	
7_59	040824			1	
7_60	040824	1549598	6368367	1	
7_61	040824			1	
7_62	040824	1549580	6368364	1	
7_63	040824			1	
7_64	040824			1	
7_65	040824			2	Alisma plantago-aquatica1, Lysimachia thyrsiflora1
7_66	040824	1549548	6368332	2	Alisma plantago-aquatica1, Lysimachia thyrsiflora2
7_67	040824	1549552	6368322	1	
7_68	040824	1549550	6368311	1	
7_69	040824	1549539	6368315	1	
7_70	040824	1549532	6368311	1	

7_71	040824	1549527	6368305	1	
7_72	040824	1549518	6368305	2	Lysimachia thyrsiflora3
7_73	040824	1549509	6368302		
7_74		1549500	6368297		
7_75	040825	1549056	6368026		
7_76	040825	1549048	6368022		
7_77	040825	1549041	6368016		
7_78	040825	1549035	6368009		
7_79	040825	1549030	6368002		
7_80	040825	1549027	6367994		
7_81	040825	1549024	6367985		
7_82	040825	1549021	6367975		
7_83	040825	1549019	6367966		
7_84	040825	1549016	6367957		
7_85	040825	1549021	6367948		
7_86	040825	1549025	6367938		
7_87	040825				
7_88	040825	1549034	6367918		
7_89	040825				
7_90	040825	1549046	6367899		
7_91	040825				
7_92	040825	1549055	6367882		
7_93	040825				
7_94	040825	1549064	6367863		
7_95	040825	1549069	6367854		
7_96	040825	1549074	6367845		
7_97	040825	1549071	6367835		
7_98	040825	1549069	6367827	1	
7_99	040825	1549073	6367816		
7_100	040825				
7_101	040825				
7_102	040825				

7_103	040825			2	Equisetum fluviatile2
7_104	040825				
7_105	040825				
7_106	040825				
7_107	040825				
7_108	040825				
7_109	040825				
7_110	040825	1549132	6367733		
7_111	040825				
7_112	040825				
7_113	040825	1549135	6367705		
7_114	040825	1549138	6367695		
7_115	040825				
7_116	040825	1549145	6367677		
7_117	040825	1549154	6367673		
7_118	040825	1549160	6367664		
7_119	040825				
7_120	040825				
7_121	040825				
7_122	040825				
7_123	040825	1549194	6367630		
7_124	040825				
7_125	040825	1549209	6367617		
7_126	040825				
7_127	040825				
7_128	040825				
7_129	040825				
7_130	040825				
7_131	040825				
7_132	040825				
7_133	040825	1549260	6367556		
7_134	040825	1549267	6367550		

7_135	040825	1549272	6367546		
7_136	040825	1549279	6367539		
7_137	040825	1549287	6367534		
7_138	040825	1549295	6367529		
7_139	040825	1549303	6367522		
7_140	040825	1549312	6367517	4	Typha latifolia4
7_141	040825	1549320	6367510	4	Typha latifolia4
7_142	040825	1549327	6367505	4	Juncus effusus3
7_143	040825	1549335	6367500	4	Juncus effusus3
7_144	040825	1549343	6367494	4	Juncus effusus3
7_145	040825	1549352	6367489	3	Juncus effusus3
7_146	040825	1549358	6367482	3	Juncus effusus3
7_147	040825	1549363	6367475	5	Potamogeton polygonifolius3
7_148	040825	1549370	6367469	1	
7_149	040825	1549378	6367468	3	Juncus effusus3
7_150	040825				
7_151	040825			3	Typha latifolia4
7_152	040825	1549400	6367454	3	Typha latifolia4
7_153	040825	1549408	6367450	3	Typha latifolia4
7_154	040825	1549418	6367448		
7_155	040825	1549425	6367440		
7_156	040825	1549432	6367433	3	Alisma plantago-aquatica2, Equisetum fluviatile4
7_157	040825	1549435	6367426		
7_158	040825	1549432	6367416		
7_159	040825	1549428	6367409		
7_160	040825	1549434	6367402		
7_161	040825	1549433	6367394		
7_162	040825	1549427	6367387		
7_163	040825	1549421	6367379		
7_164	040825	1549415	6367371		
7_165	040825	1549409	6367364		
7_166	040825	1549404	6367357		

7_167	040825	1549398	6367350
7_168	040825	1549392	6367342
7_169	040825	1549387	6367333
7_170	040825	1549391	6367324
7_171	040825	1549395	6367315
7_172	040825	1549401	6367308
7_173	040825	1549408	6367302
7_174	040825	1549415	6367294
7_175	040825	1549421	6367287
7_176	040825	1549427	6367280
7_177	040825	1549434	6367275
7_178	040825	1549442	6367272
7_179	040825	1549452	6367275
7_180	040825	1549461	6367274
7_181	040825	1549470	6367276
7_182	040825	1549478	6367276
7_183	040825	1549485	6367269
7_184	040825	1549494	6367267
7_185	040825	1549504	6367264
7_186	040825	1549512	6367257
7_187	040825	1549510	6367247
7_188	040825	1549507	6367240
7_189	040825	1549505	6367229
7_190	040825	1549499	6367222
7_191	040825	1549497	6367211
7_192	040825	1549495	6367202
7_193	040825	1549491	6367193
7_194	040825	1549486	6367185
7_195	040825	1549480	6367178
7_196	040825	1549474	6367171
7_197	040825	1549467	6367164
7_198	040825	1549460	6367157

7_199	040825	1549453	6367150		
7_200	040825	1549447	6367144		
7_201	040825	1549439	6367138	4	Potamogeton polygonifolius3
7_202	040825	1549432	6367132		
7_203	040825	1549428	6367126		
7_204	040825	1549422	6367120		
7_205	040825	1549414	6367112		
7_206	040825	1549409	6367104		
7_207	040825	1549402	6367097		
7_208	040825	1549395	6367089		
7_209	040825				
7_210	040825	1549381	6367074		
7_211	040825	1549374	6367082		
7_212	040825	1549366	6367084		
7_213	040825	1549357	6367082		
7_214	040825	1549350	6367076		
7_215	040825	1549345	6367067		
7_216	040825	1549336	6367062		
7_217	040825	1549329	6367054		
7_218	040825	1549323	6367047		
7_219	040825	1549319	6367039		
7_220	040825	1549312	6367035		
7_221	040825	1549302	6367035		
7_222	040825				
7_223	040825	1549284	6367028		
7_224	040825	1549276	6367024		
7_225	040825	1549266	6367023		
7_226	040825	1549256	6367021		
7_227	040825	1549246	6367022		
7_228	040825	1549236	6367024		
7_229	040825	1549226	6367026		
7_230	040825	1549216	6367029		

7_231	040825	1549206	6367027		
7_232	040825	1549197	6367022	2	Glyceria fluitans4
7_233	040825	1549188	6367018	2	Glyceria fluitans4
7_234	040825	1549178	6367021	2	Juncus effusus3
7_235	040825	1549169	6367024	3	Juncus effusus3
7_236	040825	1549163	6367033		
7_237	040825	1549158	6367041	5	Sparganium sp.3, Potamogeton berchtoldii4
7_238	040825	1549157	6367050	5	Sparganium sp.3, Potamogeton berchtoldii4
7_239	040825	1549154	6367060	4	Typha sp.4
7_240	040825	1549147	6367068	4	Typha sp.4
7_241	040825	1549140	6367077	4	Typha sp.4
7_242	040825	1549134	6367084	4	Lemna minor4, Sparganium sp.4
7_243	040825	1549127	6367091	5	Sparganium sp.3, Potamogeton berchtoldii4
7_244	040825	1549119	6367095	5	Sparganium sp.3, Potamogeton berchtoldii4
7_245	040825	1549110	6367095	5	Sparganium sp.3, Potamogeton berchtoldii4
7_246	040825	1549101	6367092		
7_247	040825	1549095	6367085	2	Alisma plantago-aquatica2
7_248	040825	1549086	6367084	4	Alisma plantago-aquatica4
7_249	040825	1549077	6367083	4	Alisma plantago-aquatica4
7_250	040825	1549067	6367081	4	Alisma plantago-aquatica4
7_251	040825	1549057	6367079	4	Alisma plantago-aquatica4
7_252	040825	1549049	6367076	4	Alisma plantago-aquatica4
7_253	040825	1549041	6367070	4	Alisma plantago-aquatica4
7_254	040825	1549034	6367063	4	Alisma plantago-aquatica4
7_255	040825	1549028	6367054	3	Alisma plantago-aquatica4
7_256	040825	1549027	6367045	3	Alisma plantago-aquatica4
7_257	040825	1549031	6367035	3	Alisma plantago-aquatica4
7_258	040825	1549034	6367026	3	Alisma plantago-aquatica4
7_259	040825	1549037	6367017	3	Alisma plantago-aquatica4
7_260	040825	1549038	6367010		
9_1	040822			5	Phragmites australis5
9_2	040822			5	Phragmites australis5

9_3	040822	1550377	6366260	5	Phragmites australis5
9_4	040822	1550366	6366262	5	Phragmites australis5, Salix sp.3
9_5	040822	1550357	6366266	5	Phragmites australis5
9_6	040822	1550348	6366269	5	Phragmites australis5
9_7	040822	1550338	6366270	4	Phragmites australis4
9_8	040822	1550329	6366272	2	Phragmites australis2
9_9	040822			1	
9_10	040822	1550317	6366283	2	Rumex hydrolapathum2
9_11	040822	1550314	6366291	2	Rumex hydrolapathum2
9_12	040822	1550308	6366296	1	
9_13	040822			1	
9_14	040822			1	
9_15	040822	1550279	6366311	2	Alisma plantago-aquatica2
9_16	040822	1550274	6366318	1	
9_17	040822	1550275	6366328	2	Caltha palustris2
9_18	040822	1550272	6366336	2	Caltha palustris2, Lysimachia thyrsiflora2
9_19	040822	1550275	6366345	1	
9_20	040822	1550276	6366355	3	Alisma plantago-aquatica4, Lysimachia thyrsiflora4
9_21	040822	1550274	6366363	3	Alisma plantago-aquatica2, Lysimachia thyrsiflora2
9_22	040822	1550269	6366371	3	Alisma plantago-aquatica3, Lysimachia thyrsiflora2, Iris pseudacorus3
9_23	040822	1550261	6366377	1	
9_24	040822			4	Alisma plantago-aquatica4
9_25	040822	1550243	6366378	4	Alisma plantago-aquatica4
9_26	040822	1550233	6366378	4	Alisma plantago-aquatica4
9_27	040822	1550223	6366382	4	Alisma plantago-aquatica4
9_28	040822	1550213	6366381	1	
9_29	040822	1550205	6366376	1	
9_30	040822	1550198	6366368	3	Alisma plantago-aquatica2, Lysimachia thyrsiflora4
9_31	040822	1550186	6366365	4	Alisma plantago-aquatica4, Lysimachia thyrsiflora2, Carex sp.4
9_32	040822	1550176	6366363	4	Alisma plantago-aquatica4, Lysimachia thyrsiflora2, Carex sp.4
9_33	040823	1550167	6366360	5	Alisma plantago-aquatica4, Potamogeton polygonifolius5, Equisetum fluviatile1, Lysimachia thyrsiflora4
9_34	040823	1550160	6366358	5	Alisma plantago-aquatica4, Equisetum fluviatile5, Equisetum palustre1, Sparganium sp.4, Lemna minor4

9_35	040823	1550150	6366358	5	Alisma plantago-aquatica4, Equisetum fluviatile5, Sparganium sp.4, Lemna minor4
9_36	040823	1550141	6366361	5	Alisma plantago-aquatica4, Equisetum fluviatile5, Sparganium sp.4, Lemna minor4, Carex rostrata4
9_37	040823	1550132	6366366	5	Alisma plantago-aquatica4, Equisetum fluviatile5, Sparganium sp.4, Lemna minor4, Carex rostrata4
9_38	040823	1550128	6366373	5	Alisma plantago-aquatica3, Potamogeton polygonifolius5, Equisetum fluviatile4, Equisetum palustre1, Glyceria fluitans4
9_39	040823	1550124	6366383	4	Alisma plantago-aquatica1, Potamogeton polygonifolius4, Equisetum fluviatile4, Glyceria fluitans5
9_40	040823	1550119	6366391	5	Alisma plantago-aquatica3, Equisetum fluviatile5, Glyceria fluitans5
9_41	040823	1550114	6366398	5	Alisma plantago-aquatica3, Equisetum fluviatile5, Glyceria fluitans5
9_42	040823	1550106	6366403	5	Alisma plantago-aquatica3, Equisetum fluviatile4, Equisetum palustre1, Carex rostrata5
9_43	040823	1550097	6366409	5	Alisma plantago-aquatica3, Juncus effusus3, Equisetum fluviatile4, Carex rostrata4
9_44	040823	1550088	6366414	5	Alisma plantago-aquatica1, Equisetum fluviatile5
9_45	040823	1550080	6366418	5	Alisma plantago-aquatica1, Equisetum fluviatile5, Sparganium sp.3
9_46	040823	1550073	6366424	5	Alisma plantago-aquatica4, Juncus effusus3, Equisetum fluviatile5
9_47	040823	1550065	6366430	5	Alisma plantago-aquatica4, Juncus effusus3, Equisetum fluviatile5
9_48	040823	1550057	6366435	5	Alisma plantago-aquatica4, Juncus effusus3, Equisetum fluviatile5
9_49	040823	1550048	6366442	5	Alisma plantago-aquatica4, Juncus effusus3, Equisetum fluviatile5
9_50	040823	1550040	6366448	5	Alisma plantago-aquatica4, Juncus effusus3, Equisetum fluviatile4
9_51	040823	1550032	6366453	5	Alisma plantago-aquatica4, Juncus effusus3, Equisetum fluviatile4
9_52	040823	1550024	6366459	5	Alisma plantago-aquatica4, Juncus effusus3, Equisetum fluviatile4, Carex rostrata2
9_53	040823	1550015	6366464	5	Alisma plantago-aquatica4, Juncus effusus3, Equisetum fluviatile4, Glyceria fluitans5
9_54	040823	1550008	6366469	5	Alisma plantago-aquatica4, Juncus effusus3, Equisetum fluviatile4, Glyceria fluitans5
9_55	040823	1550000	6366474	5	Alisma plantago-aquatica4, Juncus effusus3, Equisetum fluviatile4, Glyceria fluitans5
9_56	040823	1549991	6366479	5	Alisma plantago-aquatica3, Juncus effusus5, Carex rostrata4, Glyceria fluitans4
9_57	040823	1549983	6366485	5	Alisma plantago-aquatica3, Juncus effusus5, Carex rostrata4, Glyceria fluitans4
9_58	040823	1549975	6366491	4	Alisma plantago-aquatica2, Glyceria fluitans4, Equisetum fluviatile4
9_59	040823	1549966	6366498	5	Alisma plantago-aquatica3, Glyceria fluitans4, Juncus effusus3, Caltha palustris3
9_60	040823	1549959	6366503	5	Alisma plantago-aquatica1, Glyceria fluitans4, Galium palustre3
9_61	040823	1549952	6366510	5	Alisma plantago-aquatica1, Glyceria fluitans4, Galium palustre3, Caltha palustris3
9_62	040823	1549944	6366516	5	Alisma plantago-aquatica1, Glyceria fluitans4, Equisetum fluviatile2, Ranunculus flammula2
9_63	040823	1549938	6366523	5	Glyceria fluitans4, Caltha palustris3, Juncus effusus3
9_64	040823	1549932	6366531	5	Glyceria fluitans5, Juncus effusus3, Galium palustre4
9_65	040823	1549926	6366538	4	Glyceria fluitans4, Caltha palustris2
9_66	040823	1549921	6366547	4	Glyceria fluitans4, Caltha palustris2

9_67	040823	1549913	6366552	3	Juncus effusus3
9_68	040823	1549908	6366561	1	
9_69	040823	1549901	6366569	2	Ranunculus flammula3
9_70	040823	1549893	6366568	1	
9_71	040823	1549883	6366571	1	
9_72	040823			1	
9_73	040823	1549862	6366564	1	
9_74	040823	1549852	6366561	1	
9_75	040823	1549843	6366552	2	Fontinalis antipyretica3
9_76	040823	1549836	6366545	3	Fontinalis antipyretica3
9_77	040823	1549827	6366540	3	Fontinalis antipyretica3
9_78	040823	1549818	6366545	3	Fontinalis antipyretica3
9_79	040823			3	Fontinalis antipyretica3
9_80	040823	1549799	6366547	3	Fontinalis antipyretica3
9_81	040823			3	Fontinalis antipyretica3
9_82	040823			3	Fontinalis antipyretica3
9_83	040823			3	Fontinalis antipyretica3
9_84	040823	1549760	6366548	2	Lysimachia thyrsiflora1
9_85	040823			2	Lysimachia thyrsiflora1
9_86	040823			2	Lysimachia thyrsiflora1
9_87	040823	1549734	6366543	4	Caltha palustris2, Myosotis laxa4
9_88	040823			4	Fontinalis antipyretica3, Caltha palustris2, Carex rostrata4
9_89	040823	1549718	6366536	3	Fontinalis antipyretica3
9_90	040823			3	Fontinalis antipyretica3, Myosotis laxa4
9_91	040823	1549698	6366530	1	
9_92	040823			1	
9_93	040823	1549678	6366526	1	
9_94	040823	1549666	6366524	3	Alisma plantago-aquatica3
9_95	040823	1549656	6366523	4	Juncus effusus3, Alisma plantago-aquatica4
9_96	040823	1549646	6366522	3	Myosotis laxa4, Alisma plantago-aquatica4
9_97	040823	1549637	6366519	4	Galium palustre4, Juncus effusus3, Alisma plantago-aquatica4
9_98	040823	1549629	6366516	4	Galium palustre4, Juncus effusus4, Alisma plantago-aquatica4, Typha latifolia4

9_99	040823	1549620	6366514	4	Galium palustre3, Alisma plantago-aquatica4, Typha latifolia4
9_100	040823	1549610	6366512	5	Lysimachia thyrsiflora1, Caltha palustris1, Galium palustre5, Alisma plantago-aquatica4
9_101	040823	1549600	6366510	5	Galium palustre5, Juncus effusus3, Alisma plantago-aquatica4
9_102	040823	1549592	6366509	5	Alisma plantago-aquatica3, Galium palustre5, Lysimachia thyrsiflora1, Salix sp.3
9_103	040823	1549581	6366510	5	Alisma plantago-aquatica2, Galium palustre4, Lysimachia thyrsiflora4, Juncus effusus3
9_104	040823	1549571	6366511	5	Alisma plantago-aquatica2, Galium palustre4, Lysimachia thyrsiflora4, Juncus effusus3
9_105	040823	1549562	6366512	5	Alisma plantago-aquatica3, Galium palustre4, Typha latifolia4
9_106	040823	1549553	6366513	5	Alisma plantago-aquatica3, Galium palustre4, Typha latifolia4
9_107	040823	1549544	6366515	5	Alisma plantago-aquatica3, Galium palustre4, Typha latifolia4
9_108	040823	1549534	6366515	5	Alisma plantago-aquatica3, Galium palustre4, Typha latifolia4
9_109	040823	1549525	6366516	5	Alisma plantago-aquatica2, Hottonia palustris3, Typha latifolia4, Potamogeton polygonifolius5
9_110	040823	1549516	6366517	5	Alisma plantago-aquatica2, Hottonia palustris3, Typha latifolia4, Potamogeton polygonifolius5
9_111	040823	1549506	6366518	5	Lysimachia thyrsiflora4, Juncus effusus3, Juncus bulbosus, Equisetum fluviatile4, Typha latifolia4
9_112	040823	1549496	6366519	5	Alisma plantago-aquatica2, Juncus effusus3, Juncus bulbosus, Equisetum fluviatile4
9_113	040823	1549485	6366521	5	Alisma plantago-aquatica2, Juncus effusus3, Typha latifolia4, Potamogeton polygonifolius5, Juncus bulbosus
9_114	040823	1549476	6366525	5	Alisma plantago-aquatica2, Juncus effusus3, Juncus bulbosus, Alnus glutinosa3
9_115	040823	1549466	6366527	4	Alisma plantago-aquatica3, Juncus bulbosus, Alnus glutinosa3
9_116	040823	1549456	6366527	4	Alisma plantago-aquatica3, Juncus bulbosus, Alnus glutinosa3, Hottonia palustris3
9_117	040823	1549448	6366527	5	Alisma plantago-aquatica2, Juncus effusus3, Alnus glutinosa3, Potamogeton polygonifolius5
9_118	040823	1549437	6366528	5	Salix sp.3, Juncus bulbosus, Lucopus europaeus2
9_119	040823	1549427	6366529	5	Alisma plantago-aquatica3, Galium palustre5, Juncus bulbosus, Caltha palustris1
9_120	040823	1549417	6366529	5	Alisma plantago-aquatica3, Galium palustre5, Juncus bulbosus, Caltha palustris1
9_121	040823	1549408	6366529	5	Alisma plantago-aquatica3, Galium palustre5, Juncus bulbosus, Caltha palustris1
9_122	040823	1549398	6366532	5	Alisma plantago-aquatica3, Galium palustre5, Juncus bulbosus, Caltha palustris1
9_123	040823	1549389	6366536	5	Alisma plantago-aquatica3, Galium palustre5, Juncus bulbosus, Caltha palustris1, Typha latifolia4
9_124	040823	1549379	6366537	5	Alisma plantago-aquatica3, Galium palustre4, Caltha palustris2, Typha latifolia4
9_125	040823	1549370	6366538	5	Alisma plantago-aquatica2, Galium palustre4, Juncus bulbosus, Typha latifolia4
9_126	040823	1549360	6366540	5	Alisma plantago-aquatica2, Galium palustre4, Juncus bulbosus, Typha latifolia4, Potamogeton polygonifolius5
9_127	040823	1549349	6366542	5	Alisma plantago-aquatica2, Galium palustre4, Juncus bulbosus, Typha latifolia4, Potamogeton polygonifolius5
9_128	040823	1549340	6366542	5	Alisma plantago-aquatica1, Galium palustre, Caltha palustris1, Juncus effusus3, Typha latifolia4
9_129	040823	1549328	6366544	5	Galium palustre5, Juncus effusus3, Alnus glutinosa3, Caltha palustris2, Potamogeton polygonifolius5
9_130	040823	1549318	6366545	5	Alisma plantago-aquatica2, Juncus effusus5, Alnus glutinosa3, Lysimachia thyrsiflora1, Potamogeton polygonifolius5

9_131	040823	1549308	6366546	5	Alisma plantago-aquatica2, Juncus effusus5, Alnus glutinosa3, Carex rostrata4, Potamogeton polygonifolius4
9_132	040823	1549298	6366549	5	Alisma plantago-aquatica2, Juncus effusus3, Carex rostrata5, Potamogeton polygonifolius5
9_133	040823	1549289	6366553	5	Alisma plantago-aquatica2, Juncus effusus3, Carex rostrata5, Potamogeton polygonifolius5, Alnus glutinosa1
9_134	040823	1549280	6366556	5	Alisma plantago-aquatica2, Juncus effusus3, Alnus glutinosa1, Potamogeton polygonifolius5
9_135	040823	1549270	6366558	5	Alisma plantago-aquatica2, Juncus effusus3, Alnus glutinosa1, Potamogeton polygonifolius5
9_136	040823	1549260	6366560	5	Alisma plantago-aquatica2, Juncus effusus3, Alnus glutinosa1, Potamogeton polygonifolius5
9_137	040823	1549252	6366562	5	Alisma plantago-aquatica2, Juncus effusus3, Alnus glutinosa1, Potamogeton polygonifolius5
9_138	040823	1549242	6366565	5	Alisma plantago-aquatica4, Alnus glutinosa1, Juncus effusus2, Potamogeton polygonifolius5
9_139	040823	1549233	6366567	5	Alisma plantago-aquatica4, Alnus glutinosa1, Juncus effusus2, Potamogeton polygonifolius5
9_140	040823	1549223	6366569	4	Alisma plantago-aquatica4, Alnus glutinosa1, Juncus effusus2, Potamogeton polygonifolius5
9_141	040823	1549212	6366572	4	Alisma plantago-aquatica1, Juncus effusus3, Alnus glutinosa1, Lysimachia thyrsiflora1, Potamogeton polygonifolius5
9_142	040823	1549203	6366574	3	Alisma plantago-aquatica2, Juncus effusus3, Alnus glutinosa1, Potamogeton polygonifolius5
9_143	040823	1549193	6366574	4	Alisma plantago-aquatica2, Galium palustre4, Lysimachia thyrsiflora1
9_144	040823	1549183	6366572	5	Alisma plantago-aquatica1, Potamogeton polygonifolius5
9_145	040823	1549173	6366569	5	Alisma plantago-aquatica2, Juncus effusus3, Hottonia palustris3, Potamogeton polygonifolius5
9_146	040823	1549165	6366561	5	Alisma plantago-aquatica2, Juncus effusus3, Hottonia palustris3, Potamogeton polygonifolius5
9_147	040823	1549156	6366556	5	Alisma plantago-aquatica2, Juncus effusus3, Hottonia palustris3, Potamogeton polygonifolius5
9_148	040823	1549147	6366552	5	Mentha arvensis3, Alnus glutinosa1, Caltha palustris2, Potamogeton polygonifolius5
9_149	040823			5	Ranunculus flammula5, Mentha arvensis3, Potamogeton polygonifolius5
9_150	040823	1549131	6366552	5	Ranunculus flammula5, Mentha arvensis3, Potamogeton polygonifolius5, Glyceria fluitans4
9_151	040823	1549122	6366553	5	Alisma plantago-aquatica4, Ranunculus flammula2, Glyceria fluitans4, Caltha palustris1, Potamogeton polygonifolius5
9_152	040823			5	Alisma plantago-aquatica4, Potamogeton polygonifolius4
9_153	040823			4	Hottonia palustris3, Sparganium sp.2, Potamogeton polygonifolius4
9_154	040823	1549100	6366541	4	Hottonia palustris3, Sparganium sp.2, Potamogeton polygonifolius4
9_155	040823	1549091	6366542	5	Alisma plantago-aquatica2, Ranunculus flammula2, Lucopus europaeus2, Glyceria fluitans5, Potamogeton polygonifolius4
9_156	040823	1549082	6366544	5	Alisma plantago-aquatica2, Ranunculus flammula2, Lucopus europaeus2, Glyceria fluitans5, Potamogeton polygonifolius4
9_157	040823	1549072	6366543	5	Alisma plantago-aquatica2, Ranunculus flammula2, Lucopus europaeus2, Glyceria fluitans5, Potamogeton polygonifolius4
9_158	040823	1549065	6366549	3	Ranunculus flammula3, Potamogeton polygonifolius5
9_159	040823	1549056	6366552	5	Alisma plantago-aquatica1, Ranunculus flammula4, Mentha arvensis2, Lucopus europaeus2, Potamogeton polygonifolius4
9_160	040823	1549046	6366556	5	Ranunculus flammula4, Mentha arvensis2, Lucopus europaeus2, Potamogeton polygonifolius4, Glyceria fluitans4
9_161	040823	1549037	6366561	5	Ranunculus flammula4, Mentha arvensis2, Lucopus europaeus2, Potamogeton polygonifolius4, Glyceria fluitans4
9_162	040823	1549027	6366563	5	Alisma plantago-aquatica1, Ranunculus flammula4, Mentha arvensis2, Lucopus europaeus2, Potamogeton polygonifolius4

9_163	040823	1549019	6366569	5	Alisma plantago-aquatica2, Glyceria fluitans5, Caltha palustris2, Potamogeton polygonifolius3
9_164	040823	1549007	6366574	5	Alisma plantago-aquatica2, Glyceria fluitans5, Caltha palustris1, Potamogeton polygonifolius3
9_165	040823	1549000	6366579	5	Alisma plantago-aquatica2, Glyceria fluitans5, Caltha palustris1, Potamogeton polygonifolius3
9_166	040823	1548990	6366578	5	Alisma plantago-aquatica2, Glyceria fluitans5, Caltha palustris1, Potamogeton polygonifolius3
9_167	040823	1548980	6366574	5	Alisma plantago-aquatica2, Glyceria fluitans5, Caltha palustris1, Potamogeton polygonifolius3
9_168	040823	1548970	6366571	5	Alisma plantago-aquatica2, Glyceria fluitans5, Caltha palustris1, Potamogeton polygonifolius3
9_169	040823	1548960	6366569	5	Alisma plantago-aquatica1, Glyceria fluitans5, Galium palustre3
9_170	040823	1548951	6366572	5	Alisma plantago-aquatica1, Glyceria fluitans5, Galium palustre3
9_171	040823	1548944	6366564	5	Alisma plantago-aquatica1, Glyceria fluitans5, Galium palustre3
9_172	040823	1548933	6366564	5	Alisma plantago-aquatica1, Glyceria fluitans5, Galium palustre3
9_173	040823			5	Alisma plantago-aquatica2, Glyceria fluitans4, Caltha palustris2, Potamogeton polygonifolius4
9_174	040823	1548913	6366556	5	Alisma plantago-aquatica2, Glyceria fluitans4, Caltha palustris2, Potamogeton polygonifolius4
9_175	040823	1548906	6366550	5	Alisma plantago-aquatica2, Glyceria fluitans4, Caltha palustris2, Potamogeton polygonifolius4
9_176	040823	1548898	6366547	5	Alisma plantago-aquatica2, Glyceria fluitans4, Lysimachia thyrsiflora4
9_177	040823	1548889	6366543	5	Alisma plantago-aquatica2, Glyceria fluitans2, Lysimachia thyrsiflora4, Galium palustre4
9_178	040823	1548880	6366538	5	Alisma plantago-aquatica2, Glyceria fluitans2, Lysimachia thyrsiflora4, Galium palustre4
9_179	040823	1548871	6366534	4	Alisma plantago-aquatica2, Glyceria fluitans2, Lysimachia thyrsiflora4, Galium palustre4
9_180	040823	1548863	6366529	4	Alisma plantago-aquatica2, Lysimachia thyrsiflora2, Equisetum fluviatile1
9_181	040823	1548853	6366524	3	Alisma plantago-aquatica3, Lysimachia thyrsiflora1, Sparganium sp.3
9_182	040823	1548843	6366524	3	Alisma plantago-aquatica3, Lysimachia thyrsiflora1, Sparganium sp.3
9_183	040823	1548835	6366524	3	Alisma plantago-aquatica3, Lysimachia thyrsiflora1, Sparganium sp.3
9_184	040823	1548825	6366524	4	Alisma plantago-aquatica2, Lysimachia thyrsiflora1, Potamogeton berchtoldii4, Sparganium sp.4
9_185	040823	1548815	6366523	4	Alisma plantago-aquatica2, Lysimachia thyrsiflora1, Potamogeton berchtoldii4, Sparganium sp.4
9_186	040823	1548806	6366523	4	Alisma plantago-aquatica2, Lysimachia thyrsiflora2, Caltha palustris1, Sparganium sp.4
9_187	040823	1548796	6366523	4	Alisma plantago-aquatica2, Lysimachia thyrsiflora2, Caltha palustris1, Sparganium sp.4
9_188	040823	1548786	6366520	5	Alisma plantago-aquatica4, Lysimachia thyrsiflora4, Caltha palustris1, Hottonia palustris4
9_189	040823	1548775	6366519	5	Alisma plantago-aquatica4, Lysimachia thyrsiflora4, Caltha palustris1, Hottonia palustris4
9_190	040823	1548766	6366518	5	Alisma plantago-aquatica4, Glyceria fluitans4, Lysimachia thyrsiflora4, Caltha palustris1, Sparganium sp.5
9_191	040823	1548756	6366517	4	Alisma plantago-aquatica4, Lysimachia thyrsiflora4, Caltha palustris2
9_192	040823	1548746	6366517	4	Alisma plantago-aquatica4, Lysimachia thyrsiflora4, Caltha palustris2, Sparganium sp.4
9_193	040823	1548737	6366516	1	
9_194	040823			1	

9_195	040823	1548718	6366508	1	
9_196	040823	1548708	6366508	1	
9_197	040823	1548699	6366507	1	
9_198	040823	1548691	6366503	3	Alisma plantago-aquatica3, Glyceria fluitans4
9_199	040823	1548682	6366506	2	Glyceria fluitans3
9_200	040823	1548673	6366505	3	Hottonia palustris3, Sparganium sp.4
9_201	040823	1548662	6366506	3	Hottonia palustris3, Sparganium sp.4
9_202	040823	1548653	6366507	3	Hottonia palustris4, Sparganium sp.3
9_203	040823	1548643	6366507	4	Alisma plantago-aquatica2, Hottonia palustris5, Sparganium sp.2
9_204	040823	1548634	6366506	4	Lysimachia thyrsiflora4, Hottonia palustris4, Sparganium sp.4
9_205	040823	1548626	6366510	4	Alisma plantago-aquatica1, Lysimachia thyrsiflora4, Sparganium sp.4
9_206	040823			4	Lysimachia thyrsiflora4, Hottonia palustris4, Sparganium sp.4
9_207	040823	1548606	6366508	5	Alisma plantago-aquatica1, Lysimachia thyrsiflora4, Hottonia palustris5
9_208	040823	1548595	6366516	4	Alisma plantago-aquatica1, Lysimachia thyrsiflora4, Hottonia palustris4
9_209	040823	1548586	6366516	4	Alisma plantago-aquatica1, Lysimachia thyrsiflora4, Hottonia palustris4
9_210	040823	1548576	6366513	4	Alisma plantago-aquatica1, Lysimachia thyrsiflora4, Hottonia palustris4
9_211	040823	1548568	6366514	4	Alisma plantago-aquatica1, Lysimachia thyrsiflora4, Hottonia palustris4
9_212	040823	1548558	6366513	4	Alisma plantago-aquatica1, Lysimachia thyrsiflora4, Hottonia palustris4
9_213	040823	1548548	6366514	5	Alisma plantago-aquatica1, Potamogeton berchtoldii5, Typha latifolia4
9_214	040823	1548538	6366508	5	Potamogeton berchtoldii5, Hottonia palustris3, Typha latifolia4
9_215	040823	1548529	6366508	5	Alisma plantago-aquatica3, Potamogeton berchtoldii5, Juncus effusus3, Hottonia palustris3
9_216	040823	1548520	6366509	5	Alisma plantago-aquatica3, Potamogeton berchtoldii5, Juncus effusus3, Hottonia palustris3, Typha latifolia4
9_217	040823	1548510	6366510	5	Alisma plantago-aquatica3, Potamogeton berchtoldii5, Juncus effusus3, Hottonia palustris3, Typha latifolia4
9_218	040823	1548500	6366511	5	Alisma plantago-aquatica3, Potamogeton berchtoldii5, Hottonia palustris3, Typha latifolia4, Potamogeton polygonifolius3
9_219	040823	1548490	6366511	5	Alisma plantago-aquatica3, Potamogeton berchtoldii5, Hottonia palustris3, Typha latifolia4, Potamogeton polygonifolius3
9_220	040823	1548480	6366512	5	Alisma plantago-aquatica3, Potamogeton berchtoldii5, Hottonia palustris3, Typha latifolia4, Potamogeton polygonifolius3
9_221	040823	1548469	6366512	5	Alisma plantago-aquatica3, Potamogeton berchtoldii5, Hottonia palustris3, Typha latifolia4, Potamogeton polygonifolius3
9_222	040823	1548459	6366513	5	Alisma plantago-aquatica2, Potamogeton berchtoldii5, Typha latifolia4
9_223	040823	1548449	6366514	5	Alisma plantago-aquatica1, Potamogeton berchtoldii5, Typha latifolia4
9_224	040823	1548439	6366514	5	Alisma plantago-aquatica1, Potamogeton berchtoldii5, Typha latifolia4
9_225	040823	1548430	6366514	5	Alisma plantago-aquatica1, Potamogeton berchtoldii5, Typha latifolia4
9_226	040823	1548419	6366515	5	Alisma plantago-aquatica1, Potamogeton berchtoldii5, Typha latifolia4

9_227	040823	1548410	6366518	5	Alisma plantago-aquatica1, Potamogeton berchtoldii5, Typha latifolia4
9_228	040823	1548401	6366524	5	Alisma plantago-aquatica1, Potamogeton berchtoldii5, Typha latifolia4
9_229	040823	1548393	6366529	5	Alisma plantago-aquatica2, Potamogeton berchtoldii5, Lemna minor2, Typha latifolia2
9_230	040823	1548384	6366534	5	Alisma plantago-aquatica2, Potamogeton berchtoldii5, Lemna minor2, Typha latifolia2
9_231	040823	1548377	6366540	5	Alisma plantago-aquatica2, Potamogeton berchtoldii5, Lemna minor2, Typha latifolia2
9_232	040823	1548368	6366546	5	Alisma plantago-aquatica1, Potamogeton berchtoldii5, Juncus effusus3, Typha latifolia2, Potamogeton polygonifolius3
9_233	040823	1548359	6366552	5	Alisma plantago-aquatica2, Potamogeton berchtoldii5, Potamogeton polygonifolius3
9_234	040823	1548350	6366558	5	Alisma plantago-aquatica2, Potamogeton berchtoldii5, Potamogeton polygonifolius3
9_235	040823	1548342	6366563	5	Alisma plantago-aquatica2, Potamogeton berchtoldii5, Hottonia palustris3, Typha latifolia4
9_236	040823	1548334	6366569	5	Alisma plantago-aquatica2, Potamogeton berchtoldii5, Typha latifolia4, Potamogeton polygonifolius3
9_237	040823	1548326	6366575	5	Potamogeton berchtoldii5, Hottonia palustris5, Typha latifolia4, Potamogeton polygonifolius3
9_238	040823	1548317	6366581	5	Potamogeton berchtoldii5, Juncus effusus3, Glyceria fluitans5
9_239	040823	1548310	6366586	5	Potamogeton berchtoldii5, Juncus effusus3, Glyceria fluitans5, Lemna minor2
9_240	040823	1548302	6366592	5	Potamogeton berchtoldii5, Hottonia palustris5, Lemna minor4, Typha latifolia4, Potamogeton polygonifolius3
9_241	040823	1548293	6366597	5	Potamogeton berchtoldii5, Glyceria fluitans4, Typha latifolia4
9_242	040823	1548284	6366603	5	Alisma plantago-aquatica2, Hottonia palustris3, Glyceria fluitans4
9_243	040823	1548276	6366609	5	Alisma plantago-aquatica2, Hottonia palustris3, Glyceria fluitans4
9_244	040823	1548267	6366615	5	Potamogeton berchtoldii5, Glyceria fluitans5, Potamogeton polygonifolius3
9_245	040823	1548259	6366620	5	Potamogeton berchtoldii5, Glyceria fluitans5, Potamogeton polygonifolius3
9_246	040823	1548251	6366627	5	Potamogeton berchtoldii5, Glyceria fluitans5
9_247	040823	1548242	6366632	5	Potamogeton berchtoldii5, Glyceria fluitans5
9_248	040823	1548233	6366638	5	Potamogeton berchtoldii5, Glyceria fluitans5
9_249	040823	1548225	6366644	5	Hottonia palustris3, Glyceria fluitans5, Lemna minor2, Typha latifolia4
9_250	040823	1548216	6366649	5	Potamogeton berchtoldii5, Lemna minor4, Typha latifolia5
9_251	040823	1548208	6366654	5	Potamogeton berchtoldii5, Lemna minor4, Typha latifolia5
9_252	040823	1548199	6366660	5	Alisma plantago-aquatica1, Glyceria fluitans5
9_253	040823	1548191	6366665	5	Galium palustre5
9_254	040823	1548183	6366670	4	Alisma plantago-aquatica2, Typha latifolia4
9_255	040823	1548175	6366677	4	Alisma plantago-aquatica2, Typha latifolia4
9_256	040823	1548167	6366683	4	Alisma plantago-aquatica2, Typha latifolia4
9_257	040823	1548159	6366689	4	Typha latifolia4
9_258	040823	1548151	6366695	4	Typha latifolia4

9_259	040823	1548143	6366699	5	Alisma plantago-aquatica2, Juncus effusus5
9_260	040823	1548135	6366704	5	Alisma plantago-aquatica2, Juncus effusus5
9_261	040823	1548127	6366710	5	Juncus effusus5
9_262	040823	1548118	6366717	5	Juncus effusus5
9_263	040823	1548109	6366722	5	Juncus effusus5
9_264	040823	1548099	6366727	5	Juncus effusus5
9_265	040823	1548090	6366730	5	Alisma plantago-aquatica2, Juncus effusus5, Lemna minor5
9_266	040823	1548081	6366733	5	Alisma plantago-aquatica2, Lemna minor4, Carex rostrata2, Typha latifolia4
9_267	040823	1548073	6366737	5	Alisma plantago-aquatica2, Lemna minor4, Carex rostrata2, Typha latifolia4
9_268	040823	1548064	6366740	5	Galium palustre5
9_269	040823	1548054	6366743	5	Alisma plantago-aquatica2, Juncus effusus3, Lemna minor4, Typha latifolia4
9_270	040823	1548045	6366747	5	Alisma plantago-aquatica2, Juncus effusus3, Lemna minor4, Typha latifolia4
9_271	040823	1548036	6366750	5	Alisma plantago-aquatica2, Juncus effusus3, Lemna minor4
9_272	040823	1548027	6366754	4	Juncus effusus3, Lemna minor4
9_273	040823	1548018	6366759	4	Alisma plantago-aquatica1, Juncus effusus3, Lemna minor4
9_274	040823	1548009	6366762	4	Alisma plantago-aquatica1, Juncus effusus3, Lemna minor4
9_275	040823	1548000	6366765	4	Alisma plantago-aquatica1, Juncus effusus3, Lemna minor4
9_276	040823	1547991	6366768	4	Alisma plantago-aquatica1, Juncus effusus3, Lemna minor4
9_277	040823	1547982	6366772	4	Alisma plantago-aquatica1, Juncus effusus3, Lemna minor4
9_278	040823	1547973	6366776	4	Alisma plantago-aquatica1, Juncus effusus3, Lemna minor4
9_279	040823	1547964	6366779	4	Alisma plantago-aquatica1, Juncus effusus3, Lemna minor4
9_280	040823	1547954	6366782	4	Alisma plantago-aquatica2, Juncus effusus3
9_281	040823	1547945	6366786	4	Alisma plantago-aquatica2, Juncus effusus3
9_282	040823	1547936	6366790	5	Alisma plantago-aquatica1, Juncus effusus3, Lemna minor3, Carex rostrata4
9_283	040823	1547926	6366794	5	Alisma plantago-aquatica1, Juncus effusus3, Lemna minor3, Carex rostrata4
9_284	040823			5	Alisma plantago-aquatica1, Juncus effusus3, Lemna minor3, Carex rostrata4
9_285	040823	1547908	6366801	5	Alisma plantago-aquatica2
9_286	040823	1547898	6366805	5	Alisma plantago-aquatica2, Carex rostrata4
9_287	040823	1547890	6366808	5	Alisma plantago-aquatica2, Carex rostrata4
9_288	040823	1547881	6366812	5	Alisma plantago-aquatica2, Carex rostrata4
9_289	040823	1547871	6366816	5	Alisma plantago-aquatica2, Carex rostrata4
9_290	040823	1547862	6366819	5	Alisma plantago-aquatica2, Carex rostrata4

9_291	040823	1547853	6366821	5	Alisma plantago-aquatica2, Carex rostrata4
9_292	040823	1547844	6366827	5	Alisma plantago-aquatica2, Carex rostrata4
9_293	040823	1547834	6366830	5	Alisma plantago-aquatica2, Carex rostrata4, Typha latifolia4
9_294	040823	1547825	6366834	5	Alisma plantago-aquatica2, Carex rostrata4, Typha latifolia4
9_295	040823	1547816	6366836	5	Alisma plantago-aquatica2, Carex rostrata4
9_296	040823	1547807	6366840	5	Alisma plantago-aquatica2, Carex rostrata4, Typha latifolia4
9_297	040823	1547799	6366843	5	Alisma plantago-aquatica2, Carex rostrata4, Typha latifolia4
9_298	040823	1547790	6366848	5	Alisma plantago-aquatica2, Carex rostrata4
9_299	040823	1547782	6366852	5	Alisma plantago-aquatica2, Carex rostrata4
9_300	040823	1547773	6366855	5	Alisma plantago-aquatica2, Carex rostrata4
9_301	040823	1547765	6366860		
9_302	040823	1547757	6366864	5	Typha latifolia4
9_303	040823	1547748	6366868	5	Juncus effusus3
9_304	040823	1547739	6366873	5	Typha latifolia4
9_305	040823	1547731	6366877	5	Typha latifolia4
9_306	040823	1547723	6366880	1	
9_307	040824	1547713	6366885	5	Typha latifolia4
9_308	040824	1547703	6366885	5	Typha latifolia4
9_309	040824	1547694	6366886	5	Typha latifolia4
9_310	040824	1547684	6366890	5	Typha latifolia4, Juncus effusus3
9_311	040824	1547675	6366892	5	Typha latifolia4, Juncus effusus3
9_312	040824	1547665	6366895	5	Typha latifolia4, Juncus effusus3, Carex rostrata3
9_313	040824	1547656	6366899	5	Typha latifolia4, Juncus effusus3, Carex rostrata3
9_314	040824	1547647	6366904	5	Typha latifolia4
9_315	040824	1547638	6366908	5	Typha latifolia4, Juncus effusus3
9_316	040824	1547631	6366914	5	Juncus effusus3, Carex rostrata4
9_317	040824	1547622	6366919	5	Alisma plantago-aquatica2, Juncus effusus3, Carex rostrata2
9_318	040824	1547614	6366923	5	Alisma plantago-aquatica2, Juncus effusus3, Carex rostrata2
9_319	040824	1547608	6366933	5	Alisma plantago-aquatica2, Juncus effusus3
9_320	040824			3	Lemna minor5
9_321	040824	1547591	6366943	1	
9_322	040824			2	Lemna minor4

9_323	040824			2	Lemna minor4, Hottonia palustris2
9_324	040824	1547565	6366959	3	Lemna minor4, Hottonia palustris2
9_325	040824			3	Lemna minor4
9_326	040824	1547552	6366970	3	Lemna minor2
9_327	040824	1547544	6366974	1	
9_328	040824			2	Lemna minor2, Caltha palustris1, Hottonia palustris2
9_329	040824			3	Alisma plantago-aquatica1, Caltha palustris3, Lemna minor4
9_330	040824			3	Hottonia palustris4, Fontinalis antipyretica3, Lemna minor4, Potamogeton polygonifolius5
9_331	040824			5	Alisma plantago-aquatica2, Lysimachia thyrsiflora4, Hottonia palustris4, Lemna minor5
9_332	040824			5	Typha latifolia4
9_333	040824			5	Typha latifolia4
9_334	040824	1547495	6367018	5	Typha latifolia4
9_335	040824	1547488	6367025	5	Alisma plantago-aquatica3, Lemna minor4
9_336	040824	1547482	6367033	5	Lysimachia thyrsiflora4, Equisetum fluviatile1, Galium palustre3
9_337	040824	1547476	6367042	5	Typha latifolia4
9_338	040824	1547469	6367050	5	Typha latifolia4
9_339	040824	1547463	6367057	5	Typha latifolia4
9_340	040824	1547461	6367066	5	Typha latifolia4
9_341	040824	1547463	6367075	5	Alisma plantago-aquatica3, Juncus effusus3, Lysimachia thyrsiflora4
9_342	040824	1547468	6367084	5	Juncus effusus3, Lysimachia thyrsiflora2, Hottonia palustris5, Lemna minor5, Typha latifolia4
9_343	040824	1547470	6367094	5	Juncus effusus3, Lysimachia thyrsiflora2, Hottonia palustris5, Lemna minor5, Typha latifolia4
9_344	040824	1547473	6367103	5	Salix caprea3, Glyceria fluitans5
9_345	040824	1547474	6367113	5	Glyceria fluitans5, Galium palustre5
9_346	040824	1547475	6367123	5	Glyceria fluitans5, Galium palustre5, Lemna minor5
9_347	040824	1547479	6367132	5	Alisma plantago-aquatica3, Juncus effusus3, Lemna minor5
9_348	040824	1547481	6367142	5	Alisma plantago-aquatica3, Juncus effusus3, Lemna minor5
9_349	040824	1547483	6367151	5	Lemna minor5
9_350	040824	1547485	6367161	5	Alisma plantago-aquatica3, Lemna minor5, Typha latifolia4
9_351	040824	1547486	6367169	4	Lysimachia thyrsiflora3, Lemna minor4, Typha latifolia4
9_352	040824	1547490	6367178	4	Lysimachia thyrsiflora3, Lemna minor4, Typha latifolia4
9_353	040824	1547490	6367187	5	Lysimachia thyrsiflora2, Lemna minor4, Equisetum fluviatile5
9_354	040824	1547495	6367195	5	Lysimachia thyrsiflora2, Lemna minor4, Equisetum fluviatile5

9_355	040824			1	
9_356	040824	1547493	6367214	5	Juncus effusus3, Typha latifolia5
9_357	040824	1547494	6367224	5	Juncus effusus3, Typha latifolia5
9_358	040824	1547496	6367233	5	Juncus effusus3, Typha latifolia5
9_359	040824	1547500	6367243	5	Juncus effusus3, Typha latifolia5
9_360	040824	1547502	6367253	5	Juncus effusus3, Typha latifolia5
9_361	040824	1547504	6367263	5	Juncus effusus3, Lemna minor5
9_362	040824	1547507	6367273	5	Juncus effusus3, Alisma plantago-aquatica2, Lemna minor5
9_363	040824	1547510	6367283	5	Juncus effusus3, Alisma plantago-aquatica2, Lemna minor5
9_364	040824	1547513	6367292	5	Alisma plantago-aquatica2, Juncus effusus3, Lemna minor4, Typha latifolia4
9_365	040824	1547515	6367302	5	Alisma plantago-aquatica2, Juncus effusus3, Lemna minor4, Typha latifolia4
9_366	040824	1547517	6367311	5	Juncus effusus3, Phragmites australis5, Lemna minor5
9_367	040824	1547519	6367320	5	Juncus effusus3, Phragmites australis5, Lemna minor5
9_368	040824	1547521	6367329	5	Juncus effusus3, Phragmites australis5, Lemna minor5
9_369	040824	1547524	6367339	5	Juncus effusus3, Phragmites australis5, Lemna minor5
9_370	040824	1547527	6367348	5	Alisma plantago-aquatica2, Juncus effusus3, Galium palustre3, Typha latifolia4
9_371	040824	1547529	6367357	5	Alisma plantago-aquatica2, Juncus effusus3, Galium palustre3, Typha latifolia4
9_372	040824	1547531	6367367	5	Alisma plantago-aquatica1, Juncus effusus3, Equisetum fluviatile1, Galium palustre3
9_373	040824	1547534	6367377	5	Alisma plantago-aquatica1, Juncus effusus3, Equisetum fluviatile1, Galium palustre3
9_374	040824	1547538	6367386	5	Alisma plantago-aquatica1, Juncus effusus3, Equisetum fluviatile1, Galium palustre3
9_375	040824	1547538	6367396	5	Alisma plantago-aquatica1, Juncus effusus3, Equisetum fluviatile1, Galium palustre3
9_376	040824	1547538	6367405		
9_377	040824	1547538	6367415		
9_378	040824				
9_379	040824				
9_380	040824				
9_381	040824	1547543	6367456		
9_382	040824				
9_383	040824	1547542	6367474		
9_384	040824	1547541	6367482		
9_385	040824	1547539	6367490		
9_386	040824	1547536	6367499	5	Galium palustre3, Juncus effusus3

9_387	040824	1547533	6367507	1	
9_388	040824	1547533	6367517	5	Galium palustre3, Juncus effusus3
9_389	040824	1547533	6367526	5	Galium palustre5, Lysimachia thyrsiflora1, Glyceria fluitans4
9_390	040824	1547531	6367536	5	Galium palustre5, Lysimachia thyrsiflora4
9_391	040824	1547528	6367544	5	Alisma plantago-aquatica2, Lysimachia thyrsiflora5, Lemna minor5
9_392	040824	1547523	6367553	5	Alisma plantago-aquatica2, Lemna minor5
9_393	040824	1547519	6367560	5	Alisma plantago-aquatica2, Lemna minor5
9_394	040824			1	
9_395	040824	1547531	6367573		
9_396	040824				
9_397	040824	1547548	6367585		
9_398	040824				
9_399	040824				
10_1	040818			1	
10_2	040818	1550397	6366139	1	
10_3	040818	1550398	6366129	2	Phragmites australis2, Iris pseudacorus12
10_4	040818	1550392	6366120	2	Phragmites australis2, Iris pseudacorus12
10_5	040818	1550387	6366113	2	Phragmites australis2
10_6	040818	1550380	6366107	2	Phragmites australis2
10_7	040818	1550373	6366101	2	Phragmites australis2
10_8	040818	1550368	6366096	2	Phragmites australis2
10_9	040818	1550363	6366089	3	Phragmites australis4
10_10	040818	1550358	6366082	3	Phragmites australis4
10_11	040818	1550351	6366072	3	Phragmites australis4
10_12	040818	1550345	6366064	3	Phragmites australis4
10_13	040818	1550342	6366055	3	Phragmites australis4
10_14	040818	1550345	6366041	3	Phragmites australis4, Sparganium sp.3
10_15	040818	1550357	6366037	2	Phragmites australis2, Sparganium sp.2
10_16	040818	1550365	6366032	3	Phragmites australis2, Sparganium sp.4
10_17	040818	1550375	6366029	2	Sparganium sp.2
10_18	040818	1550386	6366024	1	
10_19	040818	1550393	6366016	1	

10_20	040818	1550409	6366015	2	Sparganium sp.2
10_21	040818	1550422	6366015	2	Sparganium sp.2
10_22	040818	1550433	6366016	1	
10_23	040818	1550444	6366012	1	
10_24	040818	1550454	6366006	1	
10_25	040818	1550466	6366001	1	
10_26	040818	1550464	6365991	1	
10_27	040818	1550460	6365982	1	
10_28	040818	1550455	6365973	1	
10_29	040818	1550450	6365964	1	
10_30	040818	1550446	6365956	3	Alisma plantago-aquatica3, Sparganium sp.2, Phragmites australis1
10_31	040818	1550441	6365948	2	Sparganium sp.1, Phragmites australis1
10_32	040818	1550438	6365939	3	Sparganium sp.3, Myriophyllum alterniflorum3
10_33	040818	1550433	6365934	3	Sparganium sp.3, Myriophyllum alterniflorum3
10_34	040818	1550427	6365923	3	Sparganium sp.3, Myriophyllum alterniflorum3, Potamogeton natans2
10_35	040818			1	
10_36	040818	1550412	6365910	1	
10_37	040818	1550403	6365903	1	
10_38	040818	1550396	6365896	2	Sparganium sp.2
10_39	040818	1550390	6365892	3	Menyanthes trifoliata4, Equisetum fluviatile1
10_40	040818			2	Phragmites australis1
10_41	040818			2	Iris pseudacorus1
10_42	040818	1550365	6365876	2	Alisma plantago-aquatica3
10_43	040818	1550355	6365871	3	Phragmites australis1, Iris pseudacorus1, Lysimachia thyrsiflora2
10_44	040818	1550344	6365866	2	Alisma plantago-aquatica1
10_45	040818	1550336	6365860	3	Alisma plantago-aquatica1, Phragmites australis2, Menyanthes trifoliata4, Lysimachia thyrsiflora3
10_46	040818	1550324	6365853	2	Alisma plantago-aquatica1, Menyanthes trifoliata1
10_47	040818	1550313	6365846	2	Lysimachia thyrsiflora1
10_48	040818	1550307	6365839	2	Phragmites australis2
10_49	040818	1550303	6365831	2	Alisma plantago-aquatica1
10_50	040818	1550295	6365822	2	Equisetum fluviatile1
10_51	040818	1550286	6365815	3	Alisma plantago-aquatica2, Menyanthes trifoliata3

10_52	040818			2	Equisetum fluviatile1, Iris pseudacorus2
10_53	040818	1550267	6365801	3	Menyanthes trifoliata2, Equisetum fluviatile5, Iris pseudacorus5, Lysimachia thyrsiflora4
10_54	040818	1550259	6365797	2	Equisetum fluviatile1, Lysimachia thyrsiflora2
10_55	040818	1550251	6365797	1	
10_56	040818	1550237	6365796	1	
10_57	040818	1550226	6365803	1	
10_58	040818	1550218	6365791	1	
10_59	040818	1550211	6365787	1	
10_60	040818	1550206	6365780	1	
10_61	040818	1550201	6365775	1	
10_62	040818			1	
10_63	040818	1550184	6365760	1	
10_64	040818	1550178	6365753	1	
10_65	040818	1550178	6365744	1	
10_66	040818	1550180	6365733	1	
10_67	040818	1550178	6365721	1	
10_68	040818	1550167	6365719	2	Alisma plantago-aquatica1, Sparganium sp.3
10_69	040818	1550154	6365714	3	Alisma plantago-aquatica1, Sparganium sp.3
10_70	040819	1550141	6365713	3	Sparganium sp.3
10_71	040819	1550132	6365708	2	Alisma plantago-aquatica1, Sparganium sp.2
10_72	040819	1550123	6365699	4	Alisma plantago-aquatica2, Nymphaeaceae4, Phragmites australis5
10_73	040819	1550115	6365691	4	Phragmites australis4
10_74	040819			4	Phragmites australis4
10_75	040819	1550091	6365691	3	Phragmites australis4
10_76	040819	1550080	6365692	5	Alisma plantago-aquatica1, Phragmites australis5, Menyanthes trifoliata4, Equisetum fluviatile3
10_77	040819	1550070	6365693	4	Alisma plantago-aquatica4, Lysimachia thyrsiflora2
10_78	040819	1550061	6365694	2	Salix sp.4
10_79	040819	1550050	6365693	2	Phragmites australis4, Salix sp.4
10_80	040819			3	Phragmites australis4, Menyanthes trifoliata3, Equisetum fluviatile4, Salix sp.4
10_81	040819	1550029	6365697	3	Alisma plantago-aquatica4, Equisetum fluviatile4
10_82	040819	1550018	6365694	5	Sparganium sp.3, Equisetum fluviatile5, Filipendula ulmaria3
10_83	040819	1550005	6365694	3	Equisetum fluviatile4, Salix sp.4

10_84	040819	1549993	6365694	4	Menyanthes trifoliata2, Equisetum fluviatile5, Equisetum palustre1
10_85	040819	1549981	6365693	5	Equisetum fluviatile5, Lysimachia thyrsiflora3, Equisetum palustre1
10_86	040819	1549970	6365693	4	Equisetum fluviatile4, Lysimachia thyrsiflora2, Typha latifolia2
10_87	040819	1549959	6365693	4	Alisma plantago-aquatica2, Equisetum fluviatile, Typha latifolia2
10_88	040819	1549949	6365694	4	Typha latifolia4, Galium palustre3, Equisetum fluviatile2
10_89	040819	1549939	6365694	5	Typha latifolia5, Equisetum fluviatile5
10_90	040819	1549926	6365693	5	Typha latifolia4, Equisetum fluviatile4, Lysimachia thyrsiflora3, Equisetum palustre2, Salix sp.1
10_91	040819	1549916	6365692	5	Equisetum fluviatile5, Lysimachia thyrsiflora2, Equisetum palustre1
10_92	040819	1549905	6365691	5	Equisetum fluviatile5, Lysimachia thyrsiflora1
10_93	040819	1549895	6365688	4	Equisetum fluviatile5, Phragmites australis2, Alisma plantago-aquatica1
10_94	040819	1549885	6365685	4	Typha latifolia4, Equisetum fluviatile5
10_95	040819	1549872	6365682	4	Typha latifolia4, Equisetum fluviatile5
10_96	040819	1549862	6365679	5	Typha latifolia4, Equisetum fluviatile4
10_97	040819	1549853	6365677	4	Typha latifolia4, Equisetum fluviatile4, Nymphaeaceae3
10_98	040819	1549843	6365675	4	Equisetum fluviatile4, Lysimachia thyrsiflora3, Equisetum palustre1
10_99	040819	1549833	6365672	4	Equisetum fluviatile4, Lysimachia thyrsiflora2
10_100	040819	1549824	6365669	3	Nymphaeaceae3, Schoenoplectus lacustris3, Menyanthes trifoliata3
10_101	040819	1549814	6365666	4	Nymphaeaceae3, Sparganium sp.3
10_102	040819	1549804	6365663	3	Nymphaeaceae3
10_103	040819	1549794	6365665	3	Equisetum fluviatile3, Lysimachia thyrsiflora2, Nymphaeaceae3
10_104	040819	1549783	6365665	3	Lysimachia thyrsiflora2, Nymphaeaceae3
10_105	040819	1549772	6365662	3	Typha latifolia1, Equisetum fluviatile2, Nymphaeaceae3
10_106	040819	1549762	6365659	3	Equisetum fluviatile2, Lysimachia thyrsiflora2, Alisma plantago-aquatica2, Nymphaeaceae3
10_107	040819	1549751	6365652	2	Alisma plantago-aquatica3
10_108	040819	1549739	6365648	1	
10_109	040819	1549726	6365648	1	
10_110	040819	1549714	6365646	1	
10_111	040819	1549705	6365645	1	
10_112	040819	1549694	6365642	1	
10_113	040819	1549684	6365636	1	
10_114	040819	1549674	6365633	1	
10_115	040819	1549663	6365634	2	Nymphaeaceae2

10_116	040819	1549654	6365627	2	Nymphaeaceae2
10_117	040819	1549644	6365623	1	
10_118	040819	1549636	6365618	1	
10_119	040819	1549629	6365615	2	Nymphaeaceae2
10_120	040819	1549622	6365609	2	Nymphaeaceae2
10_121	040819	1549612	6365606	2	Nymphaeaceae2
10_122	040819	1549603	6365599	3	Nymphaeaceae3
10_123	040819	1549594	6365598	2	Nymphaeaceae2
10_124	040819	1549589	6365587	3	Nymphaeaceae2
10_125	040819	1549583	6365578	3	Nymphaeaceae2, Glyceria maxima3
10_126	040819	1549574	6365571	2	Nymphaeaceae2, Alisma plantago-aquatica2
10_127	040819	1549566	6365565	3	Nymphaeaceae3, Alisma plantago-aquatica1
10_128	040819			1	
10_129	040819			3	Alisma plantago-aquatica3, Sparganium sp.3
10_130	040819	1549543	6365536	1	
10_131	040819	1549531	6365534	1	
10_132	040819	1549520	6365539	2	Equisetum fluviatile1
10_133	040819	1549510	6365538	2	Equisetum fluviatile2, Sparganium sp.3
10_134	040819	1549500	6365534	1	
10_135	040819	1549490	6365530	2	Lysimachia thyrsiflora2
10_136	040819	1549479	6365529	3	Equisetum fluviatile1, Nymphaeaceae2
10_137	040819	1549469	6365526	3	Equisetum fluviatile2, Sparganium sp.2
10_138	040819	1549455	6365527	2	Sparganium sp.3
10_139	040819	1549442	6365524	2	Sparganium sp.3
10_140	040819	1549428	6365522	2	Sparganium sp.3
10_141	040819	1549413	6365522	2	Equisetum fluviatile2
10_142	040819	1549402	6365520	1	
10_143	040819	1549391	6365518	1	
10_144	040819	1549382	6365517	1	
10_145	040819	1549374	6365514	1	
10_146	040819	1549366	6365507	1	
10_147	040819	1549362	6365496	1	

10_148	040819			2	Sparganium sp.3
10_149	040819	1549351	6365481	1	
10_150	040819	1549344	6365475	1	
10_151	040819	1549338	6365468	1	
10_152	040819	1549330	6365461	2	Sparganium sp.2, Potamogeton polygonifolius3
10_153	040819	1549322	6365455	2	Nymphaeaceae1, Sparganium sp.2
10_154	040819	1549312	6365453	1	
10_155	040819	1549305	6365447	1	
10_156	040819	1549297	6365442	1	
10_157	040819	1549288	6365435	1	
10_158	040819	1549279	6365431	1	
10_159	040819	1549272	6365420	2	Sparganium sp.3
10_160	040819	1549261	6365417	1	
10_161	040819			1	
10_162	040819			1	
10_163	040819	1549239	6365399	1	
10_164	040819	1549234	6365393	1	
10_165	040819	1549224	6365391	2	Glyceria maxima3
10_166	040819	1549214	6365394	1	
10_167	040819			3	Sparganium sp.3, Potamogeton polygonifolius3, Juncus bulbosus3
10_168	040819	1549198	6365402	2	Sparganium sp.2, Potamogeton polygonifolius3
10_169	040819	1549188	6365399	1	
10_170	040819	1549180	6365394	1	
10_171	040819	1549171	6365388	1	
10_172	040819	1549161	6365384	2	Sparganium sp.3
10_173	040819	1549154	6365377	1	
10_174	040819	1549145	6365372	1	
10_175	040819	1549140	6365367	1	
10_176	040819	1549135	6365359	1	
10_177	040819	1549132	6365349	1	
10_178	040819			1	
10_179	040819	1549122	6365333	1	

10_180	040819	1549114	6365327	1	
10_181	040819	1549103	6365323	1	
10_182	040819			1	
10_183	040819			1	
10_184	040819	1549072	6365313	2	Sparganium sp.3, Potamogeton polygonifolius2
10_185	040819			1	
10_186	040819			1	
10_187	040819			1	
10_188	040819			1	
10_189	040819			1	
10_190	040819			1	
10_191	040819	1549003	6365309	1	
10_192	040819	1548994	6365303	2	Sparganium sp.1, Lysimachia thyrsiflora1
10_193	040819	1548987	6365297	1	
10_194	040819	1548978	6365291	1	
10_195	040819	1548969	6365290	1	
10_196	040819	1548959	6365287	1	
10_197	040819	1548951	6365289	1	
10_198	040819	1548942	6365289	1	
10_199	040819			1	
10_200	040819	1548922	6365293	1	
10_201	040819	1548914	6365295	1	
10_202	040819	1548905	6365300	1	
10_203	040819	1548897	6365304	1	
10_204	040819	1548888	6365306	2	Alisma plantago-aquatica2
10_205	040819	1548879	6365301	2	Alisma plantago-aquatica1
10_206	040819	1548872	6365296	1	
10_207	040819	1548866	6365291	1	
10_208	040819	1548860	6365285	1	
10_209	040819	1548852	6365280	1	
10_210	040819	1548843	6365280	1	
10_211	040819			1	

10_212	040819	1548828	6365293	1	
10_213	040819	1548821	6365301	3	Lysimachia thyrsiflora2, Glyceria maxima4, Sparganium sp.3
10_214	040819	1548812	6365304	3	Potamogeton polygonifolius3, Sparganium sp.3
10_215	040819	1548804	6365309	3	Sparganium sp.3
10_216	040819	1548795	6365313	3	Alisma plantago-aquatica2, Phalaris arundinacea4
10_217	040819	1548787	6365314	3	Lysimachia thyrsiflora1, Glyceria maxima4, Sparganium sp.4
10_218	040819	1548778	6365309	3	Glyceria maxima2, Sparganium sp.2, Alisma plantago-aquatica1
10_219	040819	1548772	6365303	2	Sparganium sp.3
10_220	040819			2	Sparganium sp.3
10_221	040819	1548763	6365284	1	
10_222	040819	1548755	6365277	1	
10_223	040819	1548744	6365278	2	Glyceria maxima4
10_224	040819	1548733	6365284	1	
10_225	040819	1548722	6365286	1	
10_226	040819	1548714	6365291	1	
10_227	040819	1548706	6365298	1	
10_228	040819	1548698	6365304	1	
10_229	040819	1548691	6365313	1	
10_230	040819	1548683	6365318	1	
10_231	040819			1	
10_232	040819			1	
10_233	040819			2	Glyceria maxima1
10_234	040819	1548648	6365328	2	Glyceria maxima1, Lysimachia thyrsiflora1
10_235	040819			1	
10_236	040819			1	
10_237	040819			2	Glyceria maxima1
10_238	040819			2	Nymphaeaceae2
10_239	040819			1	
10_240	040819			1	
10_241	040819			2	Glyceria maxima1
10_242	040819			2	Glyceria maxima1
10_243	040819	1548564	6365325	1	

10_244	040819	1548555	6365327	1	
10_245	040819	1548545	6365324	3	Lysimachia thyrsiflora3, Glyceria maxima4
10_246	040819	1548537	6365329	1	
10_247	040819	1548529	6365336	2	Sparganium sp.4
10_248	040819	1548519	6365337	2	Lysimachia thyrsiflora2, Sparganium sp.1, Nymphaeaceae3
10_249	040819	1548511	6365342	2	Glyceria maxima2
10_250	040819	1548502	6365344	3	Glyceria maxima4
10_251	040819	1548494	6365348	2	Glyceria maxima1
10_252	040819	1548484	6365351	2	Lysimachia thyrsiflora2, Glyceria maxima2
10_253	040819	1548476	6365353	2	Lysimachia thyrsiflora2, Equisetum fluviatile1
10_254	040819	1548465	6365353	1	
10_255	040819			3	Sparganium sp.4
10_256	040819			1	
10_257	040819	1548435	6365357	2	Nymphaeaceae2
10_258	040819	1548425	6365358	1	
10_259	040819			2	Typha latifolia4
10_260	040819	1548405	6365356	3	Lysimachia thyrsiflora1, Glyceria maxima4
10_261	040819	1548392	6365356	3	Lysimachia thyrsiflora3, Glyceria maxima4
10_262	040820	1548382	6365358	3	Typha latifolia3, Potamogeton polygonifolius2, Alisma plantago-aquatica1, Sparganium sp.4
10_263	040820	1548371	6365360	2	Typha latifolia4, Sparganium sp.4, Alisma plantago-aquatica1
10_264	040820	1548361	6365358	2	Typha latifolia2, Glyceria maxima1
10_265	040820	1548352	6365358	1	
10_266	040820	1548341	6365360	1	
10_267	040820	1548334	6365363	3	Lysimachia thyrsiflora4, Nymphaeaceae2
10_268	040820	1548326	6365363	2	Lysimachia thyrsiflora2
10_269	040820	1548317	6365364	1	
10_270	040820	1548308	6365367	1	
10_271	040820	1548301	6365372	1	
10_272	040820	1548292	6365373	3	Lysimachia thyrsiflora2, Nymphaeaceae2, Equisetum fluviatile2, Equisetum palustre1
10_273	040820	1548284	6365374	3	Potamogeton polygonifolius3, Equisetum fluviatile2, Equisetum palustre1
10_274	040820	1548276	6365373	1	
10_275	040820	1548267	6365375	1	

10_276	040820	1548260	6365379	2	Nymphaeaceae2
10_277	040820	1548254	6365385	1	
10_278	040820	1548245	6365390	1	
10_279	040820	1548239	6365396	1	
10_280	040820	1548230	6365399	1	
10_281	040820	1548222	6365401	1	
10_282	040820	1548214	6365409	1	
10_283	040820	1548206	6365414	1	
10_284	040820	1548200	6365422	1	
10_285	040820	1548195	6365431	1	
10_286	040820	1548186	6365433	2	Glyceria maxima4
10_287	040820	1548177	6365432	2	Glyceria maxima4
10_288	040820	1548168	6365433	1	
10_289	040820			1	
10_290	040820	1548153	6365444	1	
10_291	040820	1548146	6365448	3	Sparganium sp.4
10_292	040820	1548141	6365453	1	
10_293	040820	1548134	6365453	1	
10_294	040820	1548125	6365452	1	
10_295	040820	1548115	6365450	2	Equisetum fluviatile2
10_296	040820	1548105	6365448	3	Sparganium sp.4, Equisetum fluviatile4
10_297	040820	1548095	6365448	3	Sparganium sp.4, Equisetum fluviatile4
10_298	040820	1548086	6365443	1	
10_299	040820			2	Glyceria maxima1
10_300	040820	1548064	6365437	1	
10_301	040820			1	
10_302	040820	1548046	6365427	1	
10_303	040820	1548037	6365434	3	Glyceria maxima4, Equisetum fluviatile2
10_304	040820	1548025	6365435	3	Glyceria maxima4, Equisetum fluviatile2
10_305	040820	1548014	6365439	3	Nymphaeaceae1, Equisetum fluviatile4
10_306	040820	1548003	6365440	1	
10_307	040820	1547993	6365444	1	

10_308	040820			1	
10_309	040820	1547973	6365450	3	Equisetum fluviatile1
10_310	040820			2	Nymphaeaceae3
10_311	040820	1547955	6365455	2	Alisma plantago-aquatica3, Lysimachia thyrsiflora3, Alnus glutinosa3
10_312	040820			3	Sparganium sp.3, Equisetum fluviatile3
10_313	040820	1547938	6365450	3	Sparganium sp.3, Equisetum fluviatile3
10_314	040820	1547926	6365450	3	Sparganium sp.3, Lysimachia thyrsiflora2, Equisetum fluviatile4
10_315	040820	1547916	6365448	2	Equisetum fluviatile1
10_316	040820	1547904	6365448	2	Equisetum fluviatile1, Nymphaeaceae1
10_317	040820	1547895	6365447	3	Sparganium sp.3, Alisma plantago-aquatica1
10_318	040820	1547885	6365449	1	
10_319	040820	1547874	6365448	1	
10_320	040820			1	
10_321	040820	1547856	6365448	1	
10_322	040820	1547846	6365447	1	
10_323	040820	1547836	6365446	2	Sparganium sp.3, Alisma plantago-aquatica1
10_324	040820	1547828	6365448	3	Equisetum fluviatile3, Sparganium sp.4, Alisma plantago-aquatica1
10_325	040820	1547819	6365447	3	Equisetum fluviatile2, Sparganium sp.2, Typha latifolia3
10_326	040820	1547809	6365450	3	Equisetum fluviatile4, Nymphaeaceae1, Typha latifolia3
10_327	040820	1547800	6365456	4	Equisetum fluviatile4, Nymphaeaceae1, Alisma plantago-aquatica1, Lysimachia thyrsiflora1
10_328	040820	1547790	6365458	4	Nymphaeaceae3, Typha latifolia4, Phragmites australis4
10_329	040820	1547780	6365461	3	Nymphaeaceae3, Sparganium sp.3, Typha latifolia4
10_330	040820	1547770	6365465	3	Sparganium sp.3, Typha latifolia4, Lysimachia thyrsiflora4
10_331	040820	1547762	6365467	3	Nymphaeaceae3, Alisma plantago-aquatica3, Glyceria maxima3
10_332	040820	1547755	6365472	2	Sparganium sp.3
10_333	040820	1547748	6365478	3	Typha latifolia3, Lysimachia thyrsiflora1
10_334	040820	1547739	6365482	3	Nymphaeaceae3
10_335	040820	1547731	6365486	3	Equisetum fluviatile2, Nymphaeaceae3
10_336	040820	1547723	6365493	4	Nymphaeaceae4
10_337	040820	1547717	6365499	5	Nymphaeaceae5, Alisma plantago-aquatica2, Typha latifolia3
10_338	040820	1547710	6365504	5	Nymphaeaceae5, Alisma plantago-aquatica3, Lysimachia thyrsiflora3, Potamogeton polygonifolius4
10_339	040820	1547703	6365510	5	Nymphaeaceae5, Alisma plantago-aquatica3, Potamogeton polygonifolius5

10_340	040820	1547698	6365517	4	Nymphaeaceae5, Alisma plantago-aquatica3, Lysimachia thyrsiflora3, Potamogeton polygonifolius4
10_341	040820	1547689	6365522	4	Nymphaeaceae5, Potentilla palustris3
10_342	040820	1547684	6365529	3	Alisma plantago-aquatica2, Typha latifolia4
10_343	040820	1547678	6365534	3	Nymphaeaceae3, Typha latifolia4, Lysimachia thyrsiflora5
10_344	040820	1547671	6365539	4	Nymphaeaceae4, Sparganium sp.3, Alisma plantago-aquatica2, Typha latifolia4
10_345	040820	1547663	6365546	3	Nymphaeaceae3, Typha latifolia3
10_346	040820	1547659	6365554	4	Nymphaeaceae4, Typha latifolia3, Lysimachia thyrsiflora4
10_347	040820	1547652	6365558	2	Nymphaeaceae2, Typha latifolia1
10_348	040820	1547646	6365565	3	Nymphaeaceae3, Alisma plantago-aquatica3, Typha latifolia4
10_349	040820	1547639	6365572	4	Nymphaeaceae5, Typha latifolia1
10_350	040820	1547631	6365577	4	Nymphaeaceae5, Alisma plantago-aquatica3, Lysimachia thyrsiflora5, Glyceria maxima2
10_351	040820	1547624	6365583	3	Nymphaeaceae3, Typha latifolia3, Glyceria maxima2
10_352	040820	1547615	6365589	3	Alisma plantago-aquatica1, Typha latifolia2, Glyceria maxima4
10_353	040820	1547606	6365594	4	Sparganium sp.5, Typha latifolia2
10_354	040820	1547598	6365597	3	Alisma plantago-aquatica3, Nymphaeaceae3
10_355	040820	1547587	6365602	3	Alisma plantago-aquatica3, Nymphaeaceae3
10_356	040820	1547579	6365607	3	Alisma plantago-aquatica3, Typha latifolia3
10_357	040820	1547568	6365614	3	Alisma plantago-aquatica3
10_358	040820	1547557	6365619	3	Alisma plantago-aquatica3, Nymphaeaceae3
10_359	040820	1547544	6365622	3	Alisma plantago-aquatica2, Typha latifolia4, Nymphaeaceae3
10_360	040820	1547534	6365623	3	Nymphaeaceae3
10_361	040820	1547526	6365622	3	Alisma plantago-aquatica3, Nymphaeaceae4, Lysimachia thyrsiflora5
10_362	040820	1547518	6365621	3	Nymphaeaceae3, Potentilla palustris2
10_363	040820	1547508	6365622	3	Nymphaeaceae3, Equisetum fluviatile2
10_364	040820	1547500	6365621	3	Lysimachia thyrsiflora5, Equisetum fluviatile1
10_365	040820	1547490	6365620	4	Typha latifolia2, Equisetum fluviatile4
10_366	040820	1547480	6365617	4	Typha latifolia4, Equisetum fluviatile5
10_367	040820	1547469	6365615	3	Typha latifolia4, Equisetum fluviatile4
10_368	040820	1547459	6365613	3	Typha latifolia3, Equisetum fluviatile4
10_369	040820	1547450	6365612	3	Typha latifolia4, Equisetum fluviatile4, Alisma plantago-aquatica1
10_370	040820	1547440	6365610	2	Alisma plantago-aquatica2
10_371	040820	1547433	6365613	1	

10_372	040820			3	Alisma plantago-aquatica4, Sparganium sp.4
10_373	040820	1547413	6365609	3	Alisma plantago-aquatica1, Sparganium sp.3, Nymphaeaceae3
10_374	040820	1547404	6365609	3	Alisma plantago-aquatica1, Sparganium sp.3, Nymphaeaceae3
10_375	040820	1547395	6365611	3	Alisma plantago-aquatica1, Sparganium sp.3, Nymphaeaceae3
10_376	040820	1547386	6365612	3	Alisma plantago-aquatica1, Sparganium sp.3, Nymphaeaceae3
10_377	040820	1547375	6365614	3	Alisma plantago-aquatica1, Sparganium sp.3, Nymphaeaceae3
10_378	040820	1547366	6365622	3	Alisma plantago-aquatica2, Nymphaeaceae4
10_379	040820	1547356	6365623	3	Alisma plantago-aquatica3, Nymphaeaceae3, Lysimachia thyrsiflora4
10_380	040820	1547347	6365624	2	Alisma plantago-aquatica1
10_381	040820	1547339	6365625	2	Nymphaeaceae2
10_382	040820	1547330	6365628	3	Equisetum fluviatile2
10_383	040820	1547320	6365630	3	Equisetum fluviatile3
10_384	040820	1547310	6365632	4	Equisetum fluviatile5
10_385	040820	1547301	6365629	3	Nymphaeaceae2, Equisetum fluviatile4, Potamogeton polygonifolius4
10_386	040820	1547293	6365624	3	Nymphaeaceae3, Equisetum fluviatile4, Potamogeton polygonifolius4
10_387	040820	1547283	6365627	3	Alisma plantago-aquatica3, Sparganium sp.3, Nymphaeaceae2
10_388	040820	1547275	6365630	2	Alisma plantago-aquatica3, Potamogeton polygonifolius2
10_389	040820	1547268	6365633	3	Alisma plantago-aquatica3, Nymphaeaceae3
10_390	040820	1547259	6365634	2	Nymphaeaceae3, Potentilla palustris1
10_391	040820	1547252	6365639	3	Alisma plantago-aquatica3, Sparganium sp.3, Potentilla palustris1
10_392	040820	1547245	6365643	3	Nymphaeaceae4
10_393	040820			3	Nymphaeaceae2
10_394	040820	1547227	6365649	1	
10_395	040820	1547219	6365649	3	Nymphaeaceae2
10_396	040820	1547211	6365649	3	Sparganium sp.4
10_397	040820	1547202	6365649	2	Alisma plantago-aquatica2
10_398	040820	1547193	6365651	3	Alisma plantago-aquatica5, Nymphaeaceae5
10_399	040820	1547183	6365653	3	Alisma plantago-aquatica3, Typha latifolia1
10_400	040820	1547174	6365656	3	Alisma plantago-aquatica4, Sparganium sp.4, Lysimachia thyrsiflora4
10_401	040820	1547165	6365659	4	Alisma plantago-aquatica4, Sparganium sp.4, Lysimachia thyrsiflora4
10_402	040820	1547157	6365661	3	Alisma plantago-aquatica3, Sparganium sp.4
10_403	040820	1547148	6365665	3	Alisma plantago-aquatica3, Sparganium sp.4

10_404	040820	1547140	6365666	3	Alisma plantago-aquatica3, Sparganium sp.4
10_405	040820	1547131	6365668	4	Alisma plantago-aquatica2, Sparganium sp.3, Typha latifolia4, Lysimachia thyrsiflora5
10_406	040820	1547122	6365670	4	Alisma plantago-aquatica2, Sparganium sp.3, Lysimachia thyrsiflora4
10_407	040820	1547114	6365671	1	
10_408	040820	1547104	6365675	2	Alisma plantago-aquatica3, Typha latifolia4
10_409	040820	1547096	6365679	2	Alisma plantago-aquatica3
10_410	040820	1547087	6365681	2	Sparganium sp.3, Lysimachia thyrsiflora3
10_411	040820	1547079	6365683	3	Alisma plantago-aquatica3, Lysimachia thyrsiflora5
10_412	040820	1547070	6365685	3	Alisma plantago-aquatica3, Typha latifolia1, Lysimachia thyrsiflora5
10_413	040820	1547061	6365688	3	Sparganium sp.4
10_414	040820	1547053	6365689	3	Alisma plantago-aquatica3, Sparganium sp.4
10_415	040820	1547044	6365692	3	Lysimachia thyrsiflora4, Nymphaeaceae4
10_416	040820	1547035	6365694	3	Sparganium sp.4, Typha latifolia1, Nymphaeaceae5
10_417	040820	1547026	6365696	3	Alisma plantago-aquatica2, Sparganium sp.3, Typha latifolia1
10_418	040820	1547018	6365699	1	
10_419	040820			2	Alisma plantago-aquatica2, Nymphaeaceae3
10_420	040820			2	Alisma plantago-aquatica3
10_421	040820			3	Alisma plantago-aquatica4, Lysimachia thyrsiflora4
10_422	040820			2	Nymphaeaceae2
10_423	040820	1546974	6365710	1	
10_424	040820			3	Alisma plantago-aquatica2, Sparganium sp.3, Nymphaeaceae2
10_425	040820			1	
10_426	040820			3	Sparganium sp.3, Nymphaeaceae2
10_427	040820	1546937	6365724	1	
10_428	040820	1546927	6365723	3	Nymphaeaceae4
10_429	040820	1546918	6365721	2	Nymphaeaceae2
10_430	040820	1546909	6365722	3	Alisma plantago-aquatica1, Nymphaeaceae4
10_431	040820	1546902	6365721	3	Nymphaeaceae4
10_432	040820	1546894	6365725	1	
10_433	040820			1	
10_434	040820			1	
10_435	040820			2	Nymphaeaceae2

10_436	040820			1	
10_437	040820	1546849	6365747	1	
10_438	040820			1	
10_439	040820	1546840	6365764	2	Alisma plantago-aquatica3, Sparganium sp.2
10_440	040820	1546836	6365773	2	Sparganium sp.2, Glyceria maxima1
10_441	040820			1	
10_442	040820			1	
10_443	040820	1546835	6365801	1	
10_444	040820			1	
10_445	040820	1546819	6365811	1	
10_446	040820			1	
10_447	040820			1	
10_448	040820			1	
10_449	040820			1	
10_450	040820			1	
10_451	040820	1546767	6365829	3	Potamogeton polygonifolius4, Alisma plantago-aquatica2
10_452	040820	1546757	6365829	1	
10_453	040820	1546749	6365831	1	
10_454	040820	1546742	6365832	1	
10_455	040820	1546735	6365839	1	
10_456	040820			1	
10_457	040820			1	
10_458	040820			1	
10_459	040820			1	
10_460	040820			1	
10_461	040820			1	
10_462	040820			1	
10_463	040820			1	
10_464	040820	1546692	6365890	1	
10_465	040820			2	Potamogeton polygonifolius2
10_466	040820			1	
10_467	040820	1546665	6365895	1	

10_468	040820	1546655	6365898	2	Potamogeton polygonifolius4
10_469	040820	1546644	6365900	2	Potamogeton polygonifolius4
10_470	040820			1	
10_471	040820			1	
10_472	040820			1	
10_473	040820			1	
10_474	040820	1546596	6365879	1	
10_475	040820	1546588	6365874	2	Alisma plantago-aquatica1
10_476	040820	1546579	6365869	4	Nymphaeaceae4
10_477	040820	1546570	6365865	4	Nymphaeaceae4
10_478	040820	1546562	6365862	4	Nymphaeaceae4
10_479	040820	1546553	6365860	4	Nymphaeaceae4
10_480	040820	1546544	6365857	4	Nymphaeaceae4, Alisma plantago-aquatica3, Schoenoplectus lacustris3
10_481	040820	1546536	6365855	1	
10_482	040820	1546527	6365852	2	Potentilla palustris2
10_483	040820	1546518	6365849	4	Nymphaeaceae4, Potentilla palustris4, Typha latifolia3
10_484	040820	1546509	6365846	2	Schoenoplectus lacustris2, Typha latifolia2
10_485	040820	1546500	6365844	3	Nymphaeaceae4, Schoenoplectus lacustris5, Typha latifolia1
10_486	040820	1546492	6365840	4	Nymphaeaceae4, Schoenoplectus lacustris5, Typha latifolia1
10_487	040820	1546483	6365838	3	Alisma plantago-aquatica2, Nymphaeaceae3, Typha latifolia2
10_488	040820	1546476	6365837	3	Alisma plantago-aquatica1, Lysimachia thyrsiflora4
10_489	040820	1546466	6365834	2	Alisma plantago-aquatica1, Lysimachia thyrsiflora2
10_490	040820	1546458	6365829	1	
10_491	040820			1	
10_492	040820			2	Alisma plantago-aquatica2
10_493	040820			2	Alisma plantago-aquatica2
10_494	040820	1546421	6365838	3	Alisma plantago-aquatica3, Nymphaeaceae2
10_495	040820	1546411	6365839	1	
10_496	040820	1546400	6365840	2	Nymphaeaceae2, Sparganium sp.3
10_497	040820	1546390	6365841	2	Nymphaeaceae2, Potentilla palustris1
10_498	040820	1546380	6365842	2	Typha latifolia2
10_499	040820	1546371	6365846	3	Alisma plantago-aquatica1, Nymphaeaceae2, Potentilla palustris3, Typha latifolia2

10_500	040820	1546363	6365848	3	Alisma plantago-aquatica3, Potentilla palustris4, Typha latifolia3
10_501	040820	1546354	6365851	4	Potamogeton polygonifolius4, Glyceria maxima4, Nymphaeaceae3, Potentilla palustris3
10_502	040820	1546344	6365848	4	Potamogeton polygonifolius4, Alisma plantago-aquatica4, Nymphaeaceae4
10_503	040820	1546336	6365848	4	Potamogeton polygonifolius4, Alisma plantago-aquatica4, Nymphaeaceae4, Potentilla palustris4
10_504	040820	1546327	6365848	4	Lysimachia thyrsiflora4, Nymphaeaceae4, Sparganium sp.3
10_505	040820	1546318	6365847	1	
10_506	040820	1546309	6365844	3	Lysimachia thyrsiflora4, Nymphaeaceae4
10_507	040820	1546301	6365841	3	Lysimachia thyrsiflora2, Nymphaeaceae4
10_508	040820	1546292	6365845	3	Nymphaeaceae2, Potentilla palustris4
10_509	040820	1546284	6365850	3	Alisma plantago-aquatica2, Nymphaeaceae4
10_510	040820	1546275	6365856	4	Lysimachia thyrsiflora2, Alisma plantago-aquatica3, Nymphaeaceae2, Sparganium sp.3
10_511	040820	1546268	6365861	3	Potamogeton polygonifolius3, Nymphaeaceae4, Potentilla palustris4
10_512	040820	1546259	6365866	3	Nymphaeaceae4, Sparganium sp.2, Potentilla palustris2
10_513	040820	1546253	6365870	3	Lysimachia thyrsiflora5, Nymphaeaceae4
10_514	040820	1546245	6365876	4	Alisma plantago-aquatica3, Nymphaeaceae2, Potentilla palustris3
10_515	040820	1546237	6365880	3	Lysimachia thyrsiflora2, Alisma plantago-aquatica3, Nymphaeaceae2
10_516	040820	1546228	6365884	3	Lysimachia thyrsiflora5, Alisma plantago-aquatica3, Nymphaeaceae4
10_517	040820	1546220	6365887	3	Alisma plantago-aquatica3, Nymphaeaceae4
10_518	040820	1546213	6365893	3	Lysimachia thyrsiflora5, Alisma plantago-aquatica3, Nymphaeaceae4
10_519	040820	1546203	6365895	4	Alisma plantago-aquatica3, Nymphaeaceae4
10_520	040820	1546194	6365899	4	Nymphaeaceae5, Sparganium sp.2, Potentilla palustris3
10_521	040820			4	Lysimachia thyrsiflora2, Alisma plantago-aquatica3, Nymphaeaceae4
10_522	040820	1546179	6365911	3	Alisma plantago-aquatica3, Nymphaeaceae4, Lythrum salicaria1
10_523	040821	1546169	6365913	3	Nymphaeaceae3
10_524	040821			4	Alisma plantago-aquatica3, Nymphaeaceae4, Sparganium sp.2
10_525	040821			3	Alisma plantago-aquatica3, Nymphaeaceae3, Sparganium sp.1, Potentilla palustris3
10_526	040821	1546141	6365928	3	Alisma plantago-aquatica1, Nymphaeaceae2
10_527	040821	1546131	6365929	3	Alisma plantago-aquatica1, Nymphaeaceae4
10_528	040821			3	Alisma plantago-aquatica3, Nymphaeaceae3
10_529	040821	1546114	6365934	3	Alisma plantago-aquatica4, Nymphaeaceae3, Sparganium sp.3
10_530	040821	1546104	6365937	3	Alisma plantago-aquatica2, Glyceria maxima4, Potentilla palustris3
10_531	040821			2	Alisma plantago-aquatica2, Equisetum palustre1

10_532	040821			2	Lysimachia thyrsiflora2, Alisma plantago-aquatica2, Nymphaeaceae2, Sparganium sp.3
10_533	040821			2	Alisma plantago-aquatica2, Nymphaeaceae2, Potentilla palustris2
10_534	040821	1546067	6365952	2	Alisma plantago-aquatica1, Potentilla palustris1
10_535	040821	1546059	6365955	2	Alisma plantago-aquatica1
10_536	040821			3	Nymphaeaceae2
10_537	040821			3	Nymphaeaceae3, Alisma plantago-aquatica1
10_538	040821			3	Nymphaeaceae3
10_539	040821			3	Nymphaeaceae4
10_540	040821			3	Nymphaeaceae3, Potentilla palustris3
10_541	040821	1546009	6365980	3	Nymphaeaceae4, Lysimachia thyrsiflora2
10_542	040821	1546001	6365989	2	Alisma plantago-aquatica2, Potentilla palustris1
10_543	040821	1545993	6365990	1	
10_544	040821			1	
10_545	040821			1	
10_546					Not investigated section
10_547	040821	1543284	6367894	4	Typha latifolia2, Potamogeton polygonifolius4, Carex rostrata4
10_548	040821	1543273	6367898	4	Potamogeton polygonifolius4, Alisma plantago-aquatica3, Sparganium sp.3, Typha latifolia3
10_549	040821	1543267	6367905	5	Alisma plantago-aquatica3, Typha latifolia3, Potamogeton polygonifolius5
10_550	040821	1543263	6367913	5	Alisma plantago-aquatica3, Typha latifolia4, Potamogeton polygonifolius4
10_551	040821	1543258	6367923	4	Alisma plantago-aquatica3, Typha latifolia4, Potamogeton polygonifolius4, Sparganium sp.4
10_552	040821	1543249	6367930	5	Nymphaeaceae5, Typha latifolia4, Potamogeton polygonifolius4
10_553	040821	1543240	6367933	5	Alisma plantago-aquatica3, Typha latifolia4, Potamogeton polygonifolius5, Sparganium sp.4
10_554	040821	1543230	6367938	5	Alisma plantago-aquatica3, Typha latifolia4, Potamogeton polygonifolius5
10_555	040821	1543222	6367943	5	Typha latifolia4, Carex rostrata4
10_556	040821	1543215	6367951	4	Alisma plantago-aquatica3, Typha latifolia4, Carex rostrata4
10_557	040821	1543208	6367957	4	Alisma plantago-aquatica3, Equisetum fluviatile1, Typha latifolia4, Sparganium sp.4
10_558	040821	1543199	6367963	4	Alisma plantago-aquatica3, Equisetum fluviatile1, Typha latifolia4, Sparganium sp.3
10_559	040821	1543189	6367968	3	Alisma plantago-aquatica2, Sparganium sp.3
10_560	040821	1543180	6367973	4	Alisma plantago-aquatica3, Potentilla palustris3, Nymphaeaceae4, Typha latifolia4, Sparganium sp.3
10_561	040821	1543171	6367976	5	Nymphaeaceae4, Typha latifolia4, Sparganium sp.3
10_562	040821	1543161	6367981	4	Alisma plantago-aquatica3, Typha latifolia4, Potamogeton polygonifolius4, Carex rostrata4, Sparganium sp.3
10_563	040821	1543152	6367986	4	Alisma plantago-aquatica3, Typha latifolia4, Potamogeton polygonifolius4, Sparganium sp.4

10_564	040821	1543144	6367991	4	Typha latifolia4, Potamogeton polygonifolius4, Sparganium sp.4
10_565	040821	1543136	6367995	4	Typha latifolia3, Sparganium sp.4
10_566	040821	1543130	6368001	5	Alisma plantago-aquatica3, Sparganium sp.5
10_567	040821	1543122	6368005	4	Alisma plantago-aquatica3, Sparganium sp.5
10_568	040821	1543119	6368016	4	Alisma plantago-aquatica3, Typha latifolia4, Potamogeton polygonifolius5, Sparganium sp.5
10_569	040821	1543112	6368019	4	Typha latifolia4, Potamogeton polygonifolius5, Sparganium sp.4
10_570	040821	1543105	6368024	5	Typha latifolia5, Potamogeton polygonifolius4, Sparganium sp.4
10_571	040821	1543096	6368029	5	Potentilla palustris1, Typha latifolia4, Carex rostrata4, Sparganium sp.5
10_572	040821	1543088	6368033	5	Potentilla palustris1, Typha latifolia4, Carex rostrata5, Sparganium sp.4
10_573	040821	1543080	6368038	5	Typha latifolia4, Potamogeton polygonifolius4, Carex rostrata4
10_574	040821	1543072	6368042	5	Typha latifolia4, Potamogeton polygonifolius5, Sparganium sp.4
10_575	040821	1543064	6368047	5	Typha latifolia4, Potamogeton polygonifolius4
10_576	040821	1543056	6368051	5	Alisma plantago-aquatica3, Typha latifolia4, Carex rostrata4
10_577	040821	1543048	6368054	5	Alisma plantago-aquatica3, Typha latifolia4, Carex rostrata2
10_578	040821	1543039	6368054	5	Typha latifolia5
10_579	040821	1543032	6368059	5	Typha latifolia5, Sparganium sp.1
10_580	040821	1543025	6368063	5	Typha latifolia5, Sparganium sp.1
10_581	040821	1543018	6368069	4	Typha latifolia4, Carex rostrata5
10_582	040821	1543010	6368073	4	Typha latifolia4, Carex rostrata5
10_583	040821	1543002	6368079	5	Typha latifolia4, Carex rostrata4, Potamogeton polygonifolius4, Sparganium sp.4
10_584	040821	1542994	6368084	5	Typha latifolia5, Carex rostrata4
10_585	040821	1542987	6368089	4	Typha latifolia5, Carex rostrata4
10_586	040821	1542980	6368094	4	Alisma plantago-aquatica1, Glyceria maxima5, Typha latifolia4, Carex rostrata4
10_587	040821	1542972	6368099	5	Glyceria maxima4, Carex rostrata4, Typha latifolia5
10_588	040821	1542964	6368106	5	Carex rostrata4, Typha latifolia5
10_589	040821	1542956	6368108	4	Alisma plantago-aquatica3, Carex rostrata5, Typha latifolia4
10_590	040821	1542950	6368113	3	Alisma plantago-aquatica3, Carex rostrata4, Potamogeton polygonifolius4, Sparganium sp.4
10_591	040821	1542943	6368120	3	Alisma plantago-aquatica3, Typha latifolia4, Potamogeton polygonifolius4
10_592	040821	1542936	6368124	4	Alisma plantago-aquatica3, Typha latifolia4, Potamogeton polygonifolius4
10_593	040821	1542929	6368130	4	Alisma plantago-aquatica3, Equisetum fluviatile1, Carex rostrata5, Typha latifolia2
10_594	040821	1542920	6368135	3	Glyceria maxima4, Carex rostrata2, Typha latifolia2
10_595	040821	1542914	6368142	3	Alisma plantago-aquatica3, Typha latifolia1, Potamogeton polygonifolius5

10_596	040821	1542908	6368146	5	Carex rostrata5, Typha latifolia5
10_597	040821	1542899	6368150	4	Typha latifolia5
10_598	040821			3	Alisma plantago-aquatica3, Typha latifolia2
10_599	040821			3	Alisma plantago-aquatica3, Typha latifolia2, Sparganium sp.3
10_600	040821			3	Typha latifolia2, Sparganium sp.2
10_601	040821	1542869	6368170	3	Typha latifolia2, Sparganium sp.2
10_602	040821			4	Typha latifolia4, Sparganium sp.3, Equisetum fluviatile1, Carex rostrata4
10_603	040821	1542855	6368181	4	Typha latifolia4, Sparganium sp.4
10_604	040821	1542849	6368186	4	Typha latifolia4, Carex rostrata4
10_605	040821			5	Typha latifolia4, Carex rostrata4, Sparganium sp.4
10_606	040821	1542835	6368195	5	Typha latifolia4, Carex rostrata4, Sparganium sp.4
10_607	040821	1542827	6368202	4	Typha latifolia4, Carex rostrata4, Sparganium sp.4, Alisma plantago-aquatica2
10_608	040821	1542818	6368207	4	Alisma plantago-aquatica1, Typha latifolia4, Sparganium sp.4
10_609	040821	1542811	6368212	4	Alisma plantago-aquatica1, Typha latifolia4, Sparganium sp.4, Carex rostrata4
10_610	040821	1542804	6368218	3	Sparganium sp.4
10_611	040821	1542797	6368227	2	Sparganium sp.2, Phalaris arundinacea2
10_612	040821	1542791	6368231	2	Phalaris arundinacea2
10_613	040821	1542785	6368237	2	Lysimachia thyrsiflora1
10_614	040821	1542777	6368241	2	Lysimachia thyrsiflora1, Phalaris arundinacea4, Alisma plantago-aquatica1
10_615	040821	1542768	6368245	2	Carex rostrata2
10_616	040821	1542764	6368251	1	
10_617	040821	1542758	6368255	2	Potentilla palustris2
10_618	040821	1542752	6368259	1	
10_619	040821	1542745	6368265	3	Glyceria maxima4, Equisetum fluviatile1, Potamogeton polygonifolius1
10_620	040821	1542746	6368273	3	Potentilla palustris4, Equisetum fluviatile1, Typha latifolia2
10_621	040821	1542741	6368283	3	Alisma plantago-aquatica3, Glyceria maxima3, Sparganium sp.4
10_622	040821	1542741	6368291	3	Alisma plantago-aquatica2, Equisetum fluviatile1, Sparganium sp.2
10_623	040821	1542741	6368299	3	Alisma plantago-aquatica3, Glyceria maxima4, Phalaris arundinacea4
10_624	040821	1542734	6368305	3	Alisma plantago-aquatica3, Glyceria maxima4
10_625	040821	1542726	6368309	3	Alisma plantago-aquatica3, Glyceria maxima4, Equisetum fluviatile1
10_626	040821	1542716	6368315	3	Glyceria maxima4, Potamogeton polygonifolius5
10_627	040821	1542708	6368322	1	

10_628	040821	1542700	6368323	1	
10_629	040821	1542693	6368327	3	Alisma plantago-aquatica3, Equisetum fluviatile1
10_630	040821	1542686	6368329	3	Alisma plantago-aquatica3, Glyceria maxima3, Phalaris arundinacea4, Sparganium sp.2
10_631	040821	1542678	6368332	2	Alisma plantago-aquatica3, Glyceria maxima4, Equisetum fluviatile2, Lysimachia thyrsiflora4, Sparganium sp.3
10_632	040821	1542669	6368336	2	Alisma plantago-aquatica3, Glyceria maxima1, Phalaris arundinacea4
10_633	040821	1542662	6368338	3	Alisma plantago-aquatica1, Glyceria maxima4, Potamogeton polygonifolius3
10_634	040821	1542654	6368341	3	Alisma plantago-aquatica1, Glyceria maxima4, Phalaris arundinacea4
10_635	040821	1542646	6368344	3	Alisma plantago-aquatica1, Glyceria maxima4, Phalaris arundinacea4, Lysimachia thyrsiflora2
10_636	040821	1542636	6368346	2	Alisma plantago-aquatica1, Potentilla palustris2, Glyceria maxima3
10_637	040821	1542628	6368349	3	Alisma plantago-aquatica2, Phalaris arundinacea4
10_638	040821	1542619	6368353	2	Nymphaeaceae3, Lysimachia thyrsiflora3, Sparganium sp.4
10_639	040821	1542610	6368352	3	Alisma plantago-aquatica2, Glyceria maxima4, Sparganium sp.4
10_640	040821	1542603	6368358	3	Glyceria maxima5, Equisetum fluviatile1, Sparganium sp.3
10_641	040821	1542595	6368361	2	Sparganium sp.3
10_642	040821	1542588	6368365	2	Alisma plantago-aquatica3, Lysimachia thyrsiflora1, Sparganium sp.2
10_643	040821	1542579	6368369	2	Alisma plantago-aquatica3
10_644	040821	1542572	6368372	3	Alisma plantago-aquatica3, Phalaris arundinacea4, Potamogeton polygonifolius5
10_645	040821	1542564	6368373	3	Lysimachia thyrsiflora2, Typha latifolia4
10_646	040821	1542553	6368372	4	Typha latifolia4, Potamogeton polygonifolius2
10_647	040821	1542547	6368378	4	Lysimachia thyrsiflora1, Typha latifolia4
10_648	040821	1542539	6368383	4	Glyceria maxima2, Typha latifolia4
10_649	040821	1542526	6368385	4	Typha latifolia4, Carex rostrata4
10_650	040821	1542518	6368389	4	Typha latifolia4, Carex rostrata4
10_651	040821	1542510	6368396	3	Lysimachia thyrsiflora1, Typha latifolia4
10_652	040821	1542502	6368399	3	Alisma plantago-aquatica2, Glyceria maxima4, Phalaris arundinacea4, Sparganium sp.3
10_653	040821			3	Alisma plantago-aquatica1, Phalaris arundinacea4, Lysimachia thyrsiflora1, Potamogeton polygonifolius3
10_654	040821			2	Potamogeton polygonifolius2
10_655	040821			3	Alisma plantago-aquatica1, Glyceria maxima3, Potamogeton polygonifolius3
10_656	040821			3	Alisma plantago-aquatica2, Lysimachia thyrsiflora4, Potamogeton polygonifolius4
10_657	040821			3	Alisma plantago-aquatica1, Glyceria maxima3, Lysimachia thyrsiflora4
10_658	040821	1542455	6368423	2	Alisma plantago-aquatica1
10_659	040821	1542443	6368422	3	Alisma plantago-aquatica4, Carex rostrata3, Phalaris arundinacea4

10_660	040821	1542436	6368426	3	Glyceria maxima4, Typha latifolia1, Sparganium sp.4
10_661	040821	1542429	6368431	1	
10_662	040821	1542421	6368437	1	
10_663	040821	1542412	6368438	1	
10_664	040821	1542403	6368440	2	Glyceria maxima4
10_665	040821	1542399	6368448	1	
10_666	040821	1542399	6368457	3	Lysimachia thyrsiflora4, Sparganium sp.4
10_667	040821	1542393	6368463	3	Alisma plantago-aquatica1, Glyceria maxima4, Lysimachia thyrsiflora2, Potamogeton polygonifolius4, Sparganium sp.4
10_668	040821	1542382	6368460	3	Alisma plantago-aquatica1, Glyceria maxima4, salix sp.3
10_669	040821			3	Alisma plantago-aquatica2, Glyceria maxima3, Potamogeton polygonifolius4
10_670	040821	1542361	6368459	2	Alisma plantago-aquatica1, Potamogeton polygonifolius3
10_671	040821	1542354	6368464	2	Salix sp.3
10_672	040821	1542345	6368465	3	Glyceria maxima4, Sparganium sp.3
10_673	040821	1542336	6368463	3	Alisma plantago-aquatica1, Glyceria maxima4, Lysimachia thyrsiflora3
10_674	040821	1542326	6368466	3	Glyceria maxima4, Equisetum fluviatile1
10_675	040821	1542318	6368468	4	Alisma plantago-aquatica1, Glyceria maxima4, Lysimachia thyrsiflora2, Typha latifolia4
10_676	040821	1542309	6368471	4	Alisma plantago-aquatica1, Carex rostrata3, Equisetum fluviatile1, Lysimachia thyrsiflora3, Typha latifolia4
10_677	040821	1542299	6368473	3	Equisetum palustre2, Equisetum fluviatile2, Potentilla palustris4, Typha latifolia3
10_678	040821	1542291	6368475	3	Alisma plantago-aquatica3, Equisetum fluviatile2
10_679	040821	1542282	6368479	3	Alisma plantago-aquatica3, Equisetum fluviatile2, Potentilla palustris4
10_680	040821	1542274	6368482	3	Equisetum fluviatile1, Lysimachia thyrsiflora4, Sparganium sp.2
10_681	040821	1542265	6368482	3	Glyceria maxima4, Equisetum fluviatile1, Potentilla palustris1
10_682	040821	1542256	6368485	3	Glyceria maxima4, Potentilla palustris4
10_683	040821	1542249	6368486	3	Potentilla palustris4, Sparganium sp.4
10_684	040821	1542240	6368486	5	Potentilla palustris4, Typha latifolia4, Sparganium sp.5
10_685	040821	1542231	6368488	4	Salix sp.3, Potentilla palustris2, Typha latifolia3, Sparganium sp.5
10_686	040821	1542221	6368488	4	Typha latifolia4, Sparganium sp.4
10_687	040821	1542211	6368491	5	Typha latifolia4, Sparganium sp.5, Potentilla palustris4
10_688	040821	1542203	6368492	4	Typha latifolia4, Sparganium sp.5, Potentilla palustris4
10_689	040821	1542194	6368493	4	Typha latifolia5, Sparganium sp.4
10_690	040821	1542185	6368494	5	Typha latifolia1, Sparganium sp.5
10_691	040821	1542177	6368496	5	Typha latifolia1, Sparganium sp.5

10_692	040821	1542167	6368496	4	Sparganium sp.5
10_693	040821	1542158	6368497	4	Typha latifolia1, Sparganium sp.5
10_694	040821	1542149	6368500	4	Typha latifolia1, Sparganium sp.4
10_695	040821	1542141	6368501	4	Schoenoplectus lacustris4, Potentilla palustris4, Typha latifolia4, Sparganium sp.4
10_696	040821	1542133	6368507	1	
10_697	040821	1542123	6368508	5	Typha latifolia2, Sparganium sp.5
10_698	040821	1542114	6368505	5	Salix sp.1, Typha latifolia2, Sparganium sp.5
10_699	040821	1542104	6368506	5	Salix sp.1, Typha latifolia2, Sparganium sp.5
10_700	040821	1542095	6368509	5	Potentilla palustris4, Typha latifolia4, Sparganium sp.4
10_701	040821	1542087	6368509	5	Potentilla palustris4, Typha latifolia4, Sparganium sp.4
10_702	040821	1542079	6368510	4	Typha latifolia4, Sparganium sp.4
10_703	040821	1542069	6368511	4	Typha latifolia4, Sparganium sp.5, Carex rostrata4
10_704	040821	1542061	6368512	4	Phalaris arundinacea4, Typha latifolia4, Sparganium sp.5
10_705	040821	1542053	6368513	4	Schoenoplectus lacustris4, Typha latifolia4, Sparganium sp.5
10_706	040821	1542043	6368514	4	Potentilla palustris2, Typha latifolia4, Sparganium sp.5
10_707	040821	1542035	6368517	5	Potentilla palustris2, Typha latifolia4, Sparganium sp.5
10_708	040821	1542026	6368517	4	Carex rostrata4, Potentilla palustris4, Typha latifolia4
10_709	040821	1542017	6368519	4	Carex rostrata4, Typha latifolia4
10_710	040821	1542009	6368521	4	Carex rostrata4, Typha latifolia4, Sparganium sp.4
10_711	040821	1542001	6368522	5	Carex rostrata4, Typha latifolia4, Sparganium sp.5
10_712	040821	1541991	6368524	5	Carex rostrata4, Typha latifolia4, Sparganium sp.5
10_713	040821	1541982	6368526	5	Potentilla palustris4, Typha latifolia2, Sparganium sp.5
10_714	040821	1541972	6368527	5	Potentilla palustris2, Typha latifolia4, Potamogeton berchtoldii5, Sparganium sp.4
10_715	040821	1541963	6368528	5	Typha latifolia4, Potamogeton berchtoldii4, Sparganium sp.5
10_716	040821	1541954	6368530	5	Typha latifolia4, Potamogeton berchtoldii4, Sparganium sp.5
10_717	040821	1541946	6368530	5	Typha latifolia4, Sparganium sp.5
10_718	040821	1541937	6368531	5	Typha latifolia4, Sparganium sp.5
10_719	040821	1541927	6368532	5	Typha latifolia4, Sparganium sp.5
10_720	040821	1541918	6368533	5	Typha latifolia4, Sparganium sp.5
10_721	040821	1541909	6368534	5	Potentilla palustris2, Typha latifolia4, Sparganium sp.5
10_722	040821	1541900	6368536	5	Equisetum fluviatile1, Typha latifolia4, Sparganium sp.5
10_723	040821	1541891	6368538	5	Typha latifolia5, Sparganium sp.4

10_724	040821	1541883	6368538	5	Potentilla palustris2, Typha latifolia4, Sparganium sp.5
10_725	040821	1541874	6368540	5	Potentilla palustris2, Sparganium sp.5
10_726	040821	1541865	6368542	5	Potentilla palustris2, Sparganium sp.5
10_727	040821	1541856	6368543	5	Sparganium sp.5
10_728	040821	1541847	6368545	5	Sparganium sp.5
10_729	040821	1541837	6368547	5	Sparganium sp.5, Potentilla palustris2, Typha latifolia4
10_730	040821	1541828	6368547	5	Typha latifolia4, Sparganium sp.2
10_731	040821	1541818	6368548	5	Typha latifolia4, Sparganium sp.2, Potentilla palustris2
10_732	040821	1541809	6368549	5	Sparganium sp.5
10_733	040821	1541800	6368550	5	Typha latifolia4, Sparganium sp.5
10_734	040821	1541790	6368552	4	Typha latifolia4, Sparganium sp.4
10_735	040821	1541781	6368554	1	
10_736	040821	1541770	6368555	4	Equisetum fluviatile1, Potentilla palustris2, Sparganium sp.5
10_737	040821	1541761	6368557	4	Equisetum fluviatile1, Typha latifolia4, Sparganium sp.4
10_738	040821			4	Equisetum fluviatile4, Typha latifolia4, Sparganium sp.4
10_739	040821			5	Potentilla palustris2, Typha latifolia4, Sparganium sp.4
10_740	040821			4	Equisetum fluviatile1, Potentilla palustris4, Sparganium sp.4
10_741	040821			4	Typha latifolia4, Sparganium sp.4
10_742	040821			4	Sparganium sp.4
10_743	040821			4	Sparganium sp.4
10_744	040821	1541695	6368574	4	Sparganium sp.4
10_745	040821	1541686	6368574	4	Sparganium sp.4
10_746	040821	1541676	6368576	3	Sparganium sp.4
10_747	040821	1541669	6368578	2	Sparganium sp.2
10_748	040821	1541659	6368580	1	
10_749	040821	1541649	6368583	1	
10_750	040821	1541640	6368582	1	
10_751	040821				
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10_763	040821		
10_764	040821		
10_765	040821		
10_766	040821	2	Potentilla palustris2
10_767	040821	2	Alisma plantago-aquatica1, Sparganium sp.2
10_768	040821	2	Alisma plantago-aquatica2
10_769	040821		
10_770	040821	4	Fontinalis antipyretica3
10_771	040821	4	Fontinalis antipyretica3
10_772	040821	4	Fontinalis antipyretica3
10_773	040821	4	Fontinalis antipyretica3
10_774	040821	4	Fontinalis antipyretica3
10_775	040821	4	Carex sp.3
10_776	040821	4	Carex sp.3
10_777	040821	4	Carex sp.3
10_778	040821	4	Carex sp.3
10_779	040821	3	Potentilla palustris2, Potamogeton polygonifolius5, Alisma plantago-aquatica2, Sparganium sp.4
10_780	040821	3	Potentilla palustris2, Potamogeton polygonifolius5, Alisma plantago-aquatica2, Sparganium sp.4
10_781	040821	2	Potentilla palustris2, Potamogeton polygonifolius5, Alisma plantago-aquatica2, Sparganium sp.4
10_782	040821	2	Potentilla palustris2, Potamogeton polygonifolius5, Alisma plantago-aquatica2, Sparganium sp.4
10_783	040821		
10_784	040821		
10_785	040821	1	
10_786	040821	4	Menyanthes trifoliata4
10_787	040821	4	Menyanthes trifoliata4

10_788	040821			4	Menyanthes trifoliata4, Potentilla palustris2
10_789	040821			3	Potentilla palustris2
10_790	040821			3	Potentilla palustris2
10_791	040821			4	Potentilla palustris2, Alisma plantago-aquatica4, Sparganium sp.4
10_792	040821			4	Sparganium sp.5
23_1	040822	1553544	6367448		
23_2	040822	1553534	6367451		
23_3	040822	1553525	6367449		
23_4	040822	1553517	6367445		
23_5	040822	1553507	6367440		
23_6	040822	1553497	6367440		
23_7	040822	1553490	6367436		
23_8	040822	1553481	6367439		
23_9	040822	1553473	6367441		
23_10	040822	1553466	6367446		
23_11	040822	1553458	6367446		
23_12	040822	1553449	6367445		
23_13	040822	1553440	6367443		
23_14	040822	1553434	6367450		
23_15	040822	1553426	6367457		
23_16	040822	1553422	6367464		
23_17	040822	1553412	6367468		
23_18	040822	1553402	6367470		
23_19	040822	1553395	6367476		
23_20	040822	1553385	6367478	3	Lysimachia thyrsiflora2, Sparganium sp.2
23_21	040822	1553376	6367478	3	Sparganium sp.2, Typha latifolia1
23_22	040822	1553366	6367476	3	Lysimachia thyrsiflora2, Typha latifolia1, Alisma plantago-aquatica2
23_23	040822	1553357	6367476	3	Lysimachia thyrsiflora2, Typha latifolia1, Equisetum fluviatile4
23_24	040822	1553347	6367475	3	Lysimachia thyrsiflora4, Typha latifolia1, Alisma plantago-aquatica2
23_25	040822	1553338	6367473		
23_26	040822	1553332	6367468		
23_27	040822	1553326	6367460		

23_28	040822	1553320	6367456		
23_29	040822	1553312	6367450		
23_30	040822	1553306	6367444		
23_31	040822	1553299	6367438		
23_32	040822	1553289	6367439	5	Typha latifolia4, Glyceria fluitans4, Ranunculus flammula4, Juncus effusus4
23_33	040822	1553279	6367440		
23_34	040822	1553269	6367442		
23_35	040822	1553259	6367444	1	
23_36	040822	1553249	6367445	1	
23_37	040822	1553239	6367446	3	Typha latifolia2, Periphytic algae2
23_38	040822	1553229	6367446	3	Lysimachia thyrsiflora2, Typha latifolia1, Equisetum fluviatile2, Periphytic algae2
23_39	040822	1553221	6367447	3	Typha latifolia1, Equisetum fluviatile2, Periphytic algae3
23_40	040822	1553213	6367450	3	Typha latifolia1, Equisetum fluviatile2, Juncus effusus3, Periphytic algae2
23_41	040822	1553204	6367451	2	Lysimachia thyrsiflora2, Equisetum fluviatile2
23_42	040822	1553195	6367451	1	
23_43	040822	1553186	6367450	1	
23_44	040822			1	
23_45	040822			1	
23_46	040822			1	
23_47	040822			1	
23_48	040822			1	
23_49	040822			1	
23_50	040822			1	
23_51	040822			2	Typha latifolia1
23_52	040822			3	Lysimachia thyrsiflora1, Typha latifolia2, Alnus glutinosa3
23_53	040822			2	Lysimachia thyrsiflora1
23_54	040822	1553076	6367449	3	Lysimachia thyrsiflora1, Equisetum fluviatile4
23_55	040822	1553066	6367453	3	Equisetum fluviatile4, Juncus effusus3
23_56	040822	1553057	6367457	4	Typha latifolia4, Equisetum fluviatile4, Juncus effusus3, Equisetum palustre4
23_57	040822	1553049	6367462	1	
23_58	040822	1553040	6367466	3	Equisetum fluviatile4, Juncus effusus3
23_59	040822	1553030	6367463	2	Lysimachia thyrsiflora1, Alisma plantago-aquatica1

23_60	040822	1553020	6367460		
23_61	040822	1553009	6367457		
23_62	040822	1552999	6367456		
23_63	040822	1552990	6367461		
23_64	040822	1552980	6367457	1	
23_65	040822			1	
23_66	040822			1	
23_67	040822	1552956	6367436	1	
23_68	040822			1	
23_69	040822			1	
23_70	040822			1	
23_71	040822			1	
23_72	040822			1	
23_73	040822	1552912	6367396	4	Equisetum fluviatile4
23_74	040822	1552902	6367395		
23_75	040822				
23_76	040822	1552881	6367397		
23_77	040822				
23_78	040822	1552870	6367383		
23_79	040822	1552864	6367373		
23_80	040822	1552856	6367366		
23_81	040822	1552853	6367356		
23_82	040822	1552850	6367346		
23_83	040822	1552843	6367338		
23_84	040822	1552837	6367331		
23_85	040822	1552830	6367324		
23_86	040822	1552822	6367317		
23_87	040822	1552821	6367308		
23_88	040822	1552815	6367300		
23_89	040822	1552810	6367291		
23_90	040822				
23_91	040822	1552799	6367275		

23_92	040822	1552791	6367268		
23_93	040822	1552792	6367258		
23_94	040822			4	Glyceria fluitans4, Equisetum fluviatile1
23_95	040822	1552776	6367246	5	Glyceria fluitans4, Equisetum fluviatile1, Sphagnum sp.5
23_96	040822	1552776	6367236	1	
23_97	040822	1552770	6367226		
23_98	040822				
23_99	040822				
23_100	040822				
23_101	040822				
23_102	040822	1552760	6367183		
24_1	040822	1552309	6367440		
24_2	040822	1552308	6367430		
24_3	040822	1552309	6367421		
24_4	040822	1552308	6367413		
24_5	040822	1552314	6367406		
24_6	040822	1552321	6367399		
24_7	040822	1552329	6367394		
24_8	040822	1552332	6367385		
24_9	040822	1552331	6367375		
24_10	040822	1552330	6367366		
24_11	040822	1552330	6367357		
24_12	040822	1552329	6367347		
24_13	040822	1552320	6367342		
24_14	040822	1552316	6367334		
24_15	040822	1552323	6367325		
24_16	040822	1552318	6367315		
24_17	040822	1552307	6367312		
24_18	040822	1552298	6367306		
24_19	040822	1552294	6367298		
24_20	040822	1552290	6367289		
24_21	040822	1552286	6367279		

24_22	040822	1552285	6367269
24_23	040822	1552280	6367260
24_24	040822		
24_25	040822		
24_26	040822	1552281	6367232
24_27	040822	1552285	6367224
24_28	040822	1552288	6367216
25_1	040818	1552053	6366896
25_2	040818	1552065	6366893
25_3	040818	1552074	6366889
25_4	040818	1552080	6366885
25_5	040818	1552087	6366882
25_6	040818	1552096	6366879
25_7	040818	1552102	6366883
25_8	040818	1552110	6366882
25_9	040818	1552118	6366877
25_10	040818	1552128	6366873
25_11	040818	1552138	6366870
25_12	040818	1552148	6366871
25_13	040818	1552163	6366866
25_14	040818	1552176	6366866
25_15	040818	1552186	6366866
25_16	040818	1552197	6366869
25_17	040818	1552208	6366870
25_18	040818	1552215	6366872
25_19	040818	1552227	6366869
25_20	040818	1552236	6366866
25_21	040818	1552247	6366862
25_22	040818	1552258	6366855
25_23	040818	1552269	6366855
25_24	040818	1552281	6366853
25_25	040818	1552295	6366852

25_26	040818	1552305	6366857		
25_27	040818				
25_28	040818	1552325	6366852		
25_29	040818	1552335	6366852		
25_30	040818	1552345	6366854		
25_31	040818	1552355	6366861		
25_32	040818	1552367	6366859		
25_33	040818	1552376	6366866		
25_34	040818	1552385	6366868		
25_35	040818	1552395	6366872		
25_36	040818	1552403	6366865		
25_37	040818	1552412	6366866		
25_38	040818	1552421	6366869		
25_39	040818	1552430	6366868		
25_40	040818				
25_41	040818				
25_42	040818	1552456	6366875		
25_43	040818				
25_44	040818	1552472	6366888		
25_45	040818	1552478	6366895		
25_46	040818	1552486	6366898		
25_47	040818	1552500	6366903		
25_48	040818	1552512	6366902		
25_49	040818	1552519	6366898	1	
25_50	040818	1552528	6366896		
25_51	040818	1552538	6366893	3	Typha latifolia2
25_52	040818	1552540	6366883	4	Fontinalis antipyretica4
25_53	040818	1552546	6366877		
25_54	040818	1552550	6366868		
25_55	040818	1552555	6366860		
25_56	040818				
25_57	040818	1552540	6366845		

25_58	040818	1552538	6366838		
25_59	040818	1552538	6366824		
25_60	040818	1552541	6366816		
25_61	040818	1552539	6366807		
25_62	040818	1552538	6366796		
25_63	040818	1552534	6366789		
25_64	040818	1552532	6366778		
25_65	040818	1552534	6366768		
25_66	040818	1552533	6366759		
25_67	040818	1552534	6366752		
26_1	040822	1552756	6366594		
26_2	040822	1552747	6366598		
26_3	040822	1552740	6366605		
26_4	040822	1552730	6366609		
26_5	040822	1552719	6366608		
26_6	040822	1552708	6366605		
26_7	040822	1552698	6366607		
26_8	040822	1552688	6366611		
26_9	040822	1552678	6366611	1	
26_10	040822	1552667	6366612	2	Sphagnum sp.2, Lysimachia thyrsiflora1
26_11	040822	1552659	6366608	1	
26_12	040822	1552650	6366607	2	Lysimachia thyrsiflora1
26_13	040822	1552639	6366606		
26_14	040822	1552631	6366603		
26_15	040822	1552626	6366594		
26_16	040822	1552620	6366586		
26_17	040822	1552615	6366580		
26_18	040822	1552607	6366576		
26_19	040822	1552597	6366576		
26_20	040822	1552588	6366577		
26_21	040822	1552581	6366583		
26_22	040822	1552574	6366587		

26_23	040822	1552569	6366595		
26_24	040822	1552566	6366605		
26_25	040822	1552561	6366612		
26_26	040822	1552554	6366618		
26_27	040822	1552547	6366623	4	Sparganium sp.4, Potamogeton polygonifolius4
26_28	040822	1552539	6366626	5	Sparganium sp.4, Potamogeton polygonifolius4, Typha latifolia4
26_29	040822	1552529	6366628	5	Sparganium sp.5, Potamogeton polygonifolius4, Typha latifolia4
26_30	040822	1552519	6366626	4	Sparganium sp.5, Typha latifolia4
26_31	040822	1552511	6366628	5	Sparganium sp.4, Typha latifolia4
26_32	040822	1552502	6366631	5	Sparganium sp.4, Typha latifolia4
26_33	040822	1552493	6366634	5	Sparganium sp.4, Typha latifolia4
26_34	040822	1552484	6366635		
26_35	040822	1552474	6366636		
26_36	040822	1552464	6366636		
26_37	040822	1552454	6366637		
26_38	040822	1552445	6366638		
26_39	040822	1552435	6366639		
26_40	040822	1552425	6366640		
26_41	040822	1552416	6366642		
26_42	040822	1552406	6366642		
26_43	040822	1552397	6366640		
26_44	040822	1552387	6366636		
26_45	040822	1552383	6366626		
26_46	040822	1552377	6366618		
26_47	040822	1552369	6366611		
26_48	040822	1552361	6366605		
26_49	040822	1552352	6366602		
26_50	040822	1552344	6366597	5	Typha latifolia1, Lemna minor4, Juncus effusus4, Sphagnum sp.5
26_51	040822	1552342	6366588	5	Lemna minor4, Juncus effusus4, Sphagnum sp.5
26_52	040822	1552343	6366577		
26_53	040822	1552342	6366567		
26_54	040822	1552339	6366557		

26_55	040822	1552338	6366547
26_56	040822	1552337	6366536
26_57	040822	1552331	6366527
26_58	040822	1552322	6366524
26_59	040822	1552312	6366523
26_60	040822	1552300	6366524
26_61	040822	1552290	6366522
26_62	040822	1552281	6366522
26_63	040822	1552273	6366521

Appendix 3

Species of vegetation in streams of the Simpevarp area

Latin	English	Swedish
Alisma plantago-aquatica	Water-plantain	Svalting
Alnus glutinosa	Alder	Klibbal
Callitriche sp.	Water-starwort	Lånke
Caltha palustris	Marsh-marigold	Kabbeleka
Carex rostrata	Bottle sedge	Flaskstarr
Carex sp.	sedge	Starr
Equisetum fluviatile	Water Horsetail	Sjöfräken
Equisetum palustre	Marsh Horsetail	Kärrfräken
Filipendula ulmaria	Meadowsweet	Älggräs
Fontinalis antipyretica	Common water moss	Stor näckmossa
Galium palustre	Common Marsh-bedstraw	Vattenmåra
Glyceria fluitans	Floating Sweet-grass	Mannagräs
Glyceria maxima	Reed Sweet-grass	Jättegröe
Hottonia palustris	Water-violet	Vattenblink
Iris pseudacorus	Yellow Iris	Svärdslilja
Juncus bulbosus	Bulbous Rush	Löktåg
Juncus effusus	Soft-Rush	Veketåg
Lemna minor	Common Duckweed	Vanlig andmat
Lucopus europaeus	Gypsywort	Strandklo
Lysimachia thyrsiflora	Tufted Loosestrife	Topplösa
Lythrum salicaria	Purple-loosestrife	Fackelblomster
Mentha arvensis	Corn Mint	Åkermynta
Menyanthes trifoliata	Bogbean	Vattenklöver
Myosotis laxa	Tufted Forget-me-not	Sumpförgätmigej
Myriophyllum alterniflorum	Alternate water-milfoil	Hårslinga
Nymphaeaceae	Water lily	Näckros
Phalaris arundinacea	Reed Canary-grass	Rörflen
Phragmites australis	Common Reed	Vass
Potamogeton berchtoldii	Small Pondweed	Gropnate
Potamogeton natans	Broad-leaved Pondweed	Gäddnate
Potamogeton polygonifolius	Bog Pondweed	Bäcknate
Potentilla palustris	Marsh Cinquefoil	Kråkklöver
Ranunculus flammula	Lesser Spearwort	Ältranunkel
Rumex hydrolapathum	Water Dock	Vattenskräppa
Salix caprea	Goat Willow	Sälg
Salix sp.	Willow	Vide
Schoenoplectus lacustris	Common Club-rush	Säv
Sparganium sp.	Bur-reed	Igelknopp
Sphagnum sp.	Sphagnum moss	Vitmossa
Typha latifolia	Bulrush	Bredkaveldun
Typha sp.	Bulrush	Kaveldun
Utricularia sp.	Bladderwort	Bläddra
	Periphytic algae	Påväxtalg

Appendix 4

Anthropogenic influence on streams in the Simpevarp area

Degree of excavation: 0 = Natural, no excavation, 1 = Moderate excavation, 2 = Substantial excavation.
D = depth (m), L = length (m), F = height for water to fall down to the substrate (fallhöjd, m).

Sect no	Date	X	Y	Degree of excavation	Anthropogenic influence, and other field notes
6_1	040824			0	Outlet to the sea. Delta with one waterfilled channel containing a lot of suspended matter
6_2	040824			0	Delta with one waterfilled channel containing a lot of suspended matter
6_3	040824	1549380	6368919	0	Delta with one waterfilled channel containing a lot of suspended matter. Numerous snakes.
6_4	040824	1549371	6368920	0	Delta with one waterfilled channel containing a lot of suspended matter
6_5	040824	1549361	6368917	0	Delta with one waterfilled channel containing a lot of suspended matter
6_6	040824	1549352	6368911	0	Delta with one waterfilled channel containing a lot of suspended matter
6_7	040824	1549347	6368906	0	Delta with one waterfilled channel containing a lot of suspended matter. Tree branches as a barrier for migratory fish (photo)
6_8	040824	1549341	6368899	0	Delta with one waterfilled channel containing a lot of suspended matter
6_9	040824	1549329	6368896	0	Delta part of the section
6_10	040824	1549322	6368901	0	Small wooden bridge, H: 0.4 m. (photo)
6_11	040824	1549310	6368900	0	
6_12	040824	1549305	6368896	0	
6_13	040824	1549295	6368895	0	
6_14	040824	1549287	6368889	0	
6_15	040824	1549277	6368888	0	
6_16	040824	1549266	6368888	0	
6_17	040824	1549257	6368885	0	
6_18	040824	1549250	6368879	0	
6_19	040824	1549241	6368876	0	
6_20	040824	1549230	6368874	0	
6_21	040824	1549221	6368871	0	
6_22	040824	1549213	6368867	0	
6_23	040824	1549204	6368867	2	Road, gravel. The stream runs through a pipe; D: 0.6, L: 6.0 and F: 0.05
6_24	040824	1549207	6368855	2	

6_25	040824	1549208	6368845	2	
6_26	040824	1549206	6368836	2	
6_27	040824	1549196	6368831	2	
6_28	040824	1549192	6368823	2	Bedrock 2–3 dm beneath noted bottom substrate
6_29	040824	1549186	6368814	2	Bedrock 2–3 dm beneath noted bottom substrate
6_30	040824	1549178	6368808	2	Bedrock 2–3 dm beneath noted bottom substrate
6_31	040824	1549167	6368804	2	Bedrock 2–3 dm beneath noted bottom substrate
6_32	040824	1549159	6368800	2	Bedrock 2–3 dm beneath noted bottom substrate
6_33	040824	1549151	6368796	2	Bedrock 2–3 dm beneath noted bottom substrate
6_34	040824			2	Bedrock 2–3 dm beneath noted bottom substrate
6_35	040824	1549134	6368787	2	Bedrock 2–3 dm beneath noted bottom substrate
6_36	040824	1549124	6368780	2	Bedrock 2–3 dm beneath noted bottom substrate
6_37	040824	1549113	6368780	2	Bedrock 2–3 dm beneath noted bottom substrate
6_38	040824	1549104	6368782	2	Bedrock 2–3 dm beneath noted bottom substrate
6_39	040824	1549094	6368783	2	
6_40	040824	1549084	6368783	2	Bedrock 2–3 dm beneath noted bottom substrate
6_41	040824	1549074	6368781	2	Bedrock 2–3 dm beneath noted bottom substrate
6_42	040824	1549064	6368781	2	
6_43	040824	1549055	6368778	2	
6_44	040824	1549044	6368779	2	
6_45	040824	1549034	6368780	2	Bedrock 2–3 dm beneath noted bottom substrate
6_46	040824	1549025	6368778	2	Bedrock 2–3 dm beneath noted bottom substrate
6_47	040824	1549017	6368777	2	Bedrock 2–3 dm beneath noted bottom substrate
6_48	040824	1549007	6368774	2	Bedrock 2–3 dm beneath noted bottom substrate
6_49	040824	1548996	6368773	2	Bedrock approx 3 dm beneath noted bottom substrate
6_50	040824	1548988	6368769	2	Bedrock approx 3 dm beneath noted bottom substrate
6_51	040824	1548977	6368770	2	Bedrock approx 3 dm beneath noted bottom substrate
6_52	040824			2	Bedrock approx 3 dm beneath noted bottom substrate
6_53	040824			2	Bedrock approx 3 dm beneath noted bottom substrate
6_54	040824	1548948	6368762	2	Bedrock approx 3 dm beneath noted bottom substrate
6_55	040824			2	Bedrock approx 3 dm beneath noted bottom substrate
6_56	040825			2	Bedrock approx 3 dm beneath noted bottom substrate
6_57	040824			2	Bedrock approx 3 dm beneath noted bottom substrate (photo)
6_58	040824			2	Bedrock approx 3 dm beneath noted bottom substrate. Two boards across the channel; H: 1.20.

6_59	040824			2	Bedrock approx 3 dm beneath noted bottom substrate
6_60	040824	1548890	6368745	2	Bedrock approx 3 dm beneath noted bottom substrate
6_61	040824	1548881	6368744	2	Bedrock approx 3 dm beneath noted bottom substrate
6_62	040824	1548871	6368747	2	Bedrock approx 3 dm beneath noted bottom substrate
6_63	040824	1548866	6368739	2	Bedrock approx 3 dm beneath noted bottom substrate
6_64	040824	1548861	6368733	2	Bedrock approx 3 dm beneath noted bottom substrate
6_65	040824	1548862	6368722	2	
6_66	040824	1548855	6368713	2	
6_67	040824			2	
6_68	040824	1548838	6368705	2	
6_69	040824	1548829	6368707	2	
6_70	040824	1548819	6368710	2	
6_71	040824	1548810	6368710	2	
6_72	040824	1548801	6368715	2	
6_73	040824	1548793	6368718	2	
6_74	040824	1548785	6368720	2	
6_75	040824			2	
6_76	040824	1548765	6368719	2	
6_77	040824	1548756	6368723	2	Road, asphalt. The stream runs through a pipe, with a lot of fine sediment and gravel; D: 1.0, L: 30.0, F: 0 (photo)
6_78	040824	1548748	6368724	2	Road, asphalt. The stream runs through a pipe with a lot of fine sediment and gravel
6_79	040824	1548737	6368726	2	Road, asphalt. The stream runs through a pipe with a lot of fine sediment and gravel
6_80	040825	1548728	6368728	2	
6_81	040825	1548719	6368731	2	
6_82	040825	1548710	6368730	2	
6_83	040825	1548699	6368730	2	
6_84	040825	1548690	6368727	2	
6_85	040825	1548686	6368718	2	
6_86	040825	1548682	6368708	2	
6_87	040825	1548679	6368699	2	
6_88	040825	1548674	6368691	2	
6_89	040825	1548672	6368681	2	
6_90	040825	1548666	6368671	2	
6_91	040825	1548660	6368664	2	
6_92	040825	1548655	6368657	2	

6_93	040825	1548650	6368648	2	
6_94	040825	1548644	6368639	2	
6_95	040825	1548640	6368630	2	
6_96	040825	1548635	6368623	2	
6_97	040825	1548629	6368615	2	
6_98	040825	1548623	6368605	2	
6_99	040825	1548618	6368597	2	
6_100	040825	1548611	6368591	2	
6_101	040825	1548606	6368581	2	
6_102	040825	1548600	6368573	2	
6_103	040825	1548599	6368563	2	
6_104	040825	1548598	6368554	2	Small wooden bridge; H: 0.9
6_105	040825	1548597	6368545	2	
6_106	040825	1548594	6368536	2	
6_107	040825	1548594	6368526	2	
6_108	040825	1548593	6368516	2	
6_109	040825	1548592	6368506	2	
6_110	040825	1548590	6368498	2	
6_111	040825	1548590	6368488	2	Tributary from west with water depth 0.15 m
6_112	040825	1548589	6368478	2	
6_113	040825	1548590	6368468	2	
6_114	040825	1548589	6368458	2	
6_115	040825	1548589	6368448	2	
6_116	040825	1548589	6368438	2	
6_117	040825	1548589	6368428	2	
6_118	040825			2	
6_119	040825	1548589	6368409	2	
6_120	040825	1548589	6368400	2	
6_121	040825	1548591	6368390	2	
6_122	040825	1548597	6368384	2	
6_123	040825			2	
6_124	040825	1548597	6368365	2	
6_125	040825	1548598	6368356	2	
6_126	040825	1548599	6368345	2	

6_127	040825	1548604	6368336	2	
6_128	040825	1548607	6368326	2	Tributary from west, dry channel
6_129	040825	1548610	6368315	2	Three birches lying across the channeL: H 0.9 m
6_130	040825	1548612	6368306	2	Tributary from west, dry channel
6_131	040825	1548614	6368298	2	
6_132	040825	1548613	6368288	2	
6_133	040825			2	
6_134	040825	1548614	6368271	2	
6_135	040825			2	
6_136	040825			2	
6_137	040825			2	
6_138	040825			2	
6_139	040825			2	
6_140	040825	1548602	6368222	2	
6_141	040825			2	
6_142	040825			2	
6_143	040825	1548596	6368192	2	Road covered with grass heading to agriculture land. The stream runs through a plastic pipe; D: 0.4, L: 4.5, F: 0
6_144	040825	1548593	6368182	2	
6_145	040825	1548592	6368174	2	
6_146	040825	1548594	6368164	2	Road, asphalt. The stream runs through a pipe; D: 0.8, L: 14.0, F: 0
6_147	040825	1548590	6368156	2	Road, asphalt. The stream runs through a pipe.
6_148	040825			2	
6_149	040825	1548581	6368135	2	
6_150	040825	1548573	6368132	2	
6_151	040825	1548565	6368129	2	
6_152	040825	1548557	6368124	2	
6_153	040825	1548546	6368121	2	
6_154	040825	1548538	6368118	2	
6_155	040825	1548529	6368113	2	
6_156	040825	1548520	6368109	2	
6_157	040825	1548512	6368106	2	The stream runs through a plastic pipe under agriculture land (D: 0.3, L: 12.0, F: 0)
6_158	040825	1548505	6368104	2	The stream runs through a plastic pipe under agriculture land (starting 2 m after the last pipe) D: 0.3, L: 9.0, F: 0
6_159	040825	1548495	6368101	2	
6_160	040825	1548486	6368102	2	

6_161	040825	1548477	6368104	2	
6_162	040825	1548467	6368107	2	The stream runs through a concrete pipe under acriculture land D: 0.5, L: 8.5, F: 0
6_163	040825	1548458	6368108	2	
6_164	040825	1548449	6368104	2	The stream runs through a pipe under agriculture land D: 0.4, L: 10.0, F: 0
6_165	040825	1548439	6368100	2	
6_166	040825			2	Agriculture land downstream and forest upstream of this section
6_167	040826			2	Ravine, D = approx 3 m
6_168	040826	1548411	6368096	2	Ravine, D = approx 3 m
6_169	040826	1548401	6368095	2	Ravine, D = approx 3 m
6_170	040826	1548392	6368091	2	Ravine, D = approx 3 m
6_171	040826	1548384	6368090	2	Ravine, D = approx 3 m
6_172	040826	1548374	6368090	2	Ravine, D = approx 3 m
6_173	040826	1548363	6368087	2	Ravine part of the section, D = approx 3 m. Drainage well; the water runs through a pipe under ground D: 0.6, L: 70.0, F: 0. (photo)
6_174	040826	1548356	6368096	2	The stream runs through a pipe under ground. Pasture land in the close surroundings, part of the section.
6_175	040826	1548347	6368098	2	The stream runs through a pipe under ground
6_176	040826	1548330	6368105	2	The stream runs through a pipe under ground
6_177	040826	1548320	6368107	2	The stream runs through a pipe under ground
6_178	040826	1548310	6368108	2	The stream runs through a pipe under ground
6_179	040826	1548300	6368111	2	The stream runs through a pipe under ground
6_180	040826	1548291	6368108	2	The stream runs through a pipe under ground part of the section
6_181	040826	1548281	6368108	2	
6_182	040826	1548272	6368107	2	
6_183	040826	1548262	6368105	2	
6_184	040826	1548252	6368104	2	
6_185	040826	1548242	6368102	2	
6_186	040826	1548232	6368100	2	
6_187	040826	1548221	6368100	2	The stream runs through a pipe under pasture land; D: 0.5, L: 302.0, F: 0
6_188	040826	1548211	6368100	2	The stream runs through a pipe under pasture land
6_189	040826	1548201	6368098	2	The stream runs through a pipe under pasture land
6_190	040826	1548191	6368096	2	The stream runs through a pipe under pasture land
6_191	040826	1548181	6368096	2	The stream runs through a pipe under pasture land
6_192	040826	1548171	6368093	2	The stream runs through a pipe under pasture land
6_193	040826	1548162	6368092	2	The stream runs through a pipe under pasture land

6_194	040826	1548151	6368090	2	The stream runs through a pipe under pasture land
6_195	040826	1548141	6368088	2	The stream runs through a pipe under pasture land
6_196	040826	1548131	6368087	2	The stream runs through a pipe under pasture land
6_197	040826	1548121	6368085	2	The stream runs through a pipe under pasture land
6_198	040826	1548111	6368083	2	The stream runs through a pipe under pasture land. Drainage well (116 m from the start of the pipe downstream, photo)
6_199	040826	1548105	6368076	2	The stream runs through a pipe under pasture land
6_200	040826	1548098	6368070	2	The stream runs through a pipe under pasture land
6_201	040826	1548090	6368064	2	The stream runs through a pipe under pasture land
6_202	040826	1548081	6368061	2	The stream runs through a pipe under pasture land. Drainage well (31 m from the Drainage well downstream)
6_203	040826	1548072	6368058	2	The stream runs through a pipe under pasture land
6_204	040826	1548061	6368056	2	The stream runs through a pipe under pasture land
6_205	040826	1548051	6368053	2	The stream runs through a pipe under pasture land
6_206	040826	1548042	6368054	2	The stream runs through a pipe under pasture land
6_207	040826	1548032	6368052	2	The stream runs through a pipe under pasture land
6_208	040826	1548023	6368050	2	The stream runs through a pipe under pasture land
6_209	040826	1548012	6368048	2	The stream runs through a pipe under pasture land
6_210	040826	1548002	6368047	2	The stream runs through a pipe under pasture land
6_211	040826	1547993	6368046	2	The stream runs through a pipe under pasture land
6_212	040826	1547983	6368045	2	The stream runs through a pipe under pasture land. Drainage well (124 m from the closest Drainage well downstream)
6_213	040826	1547973	6368043	2	The stream runs through a pipe under pasture land
6_214	040826	1547962	6368041	2	The stream runs through a pipe under pasture land
6_215	040826	1547953	6368040	2	The stream runs through a pipe under pasture land
6_216	040826	1547943	6368038	2	The stream runs through a pipe under pasture land
6_217	040826	1547934	6368034	2	The stream runs through a pipe under pasture land part of the section (31 m from the closest drainage well downstream).
6_218	040826	1547925	6368033	2	
6_219	040826	1547915	6368032	2	
6_220	040826	1547905	6368031	2	
6_221	040826	1547895	6368029	2	
6_222	040826	1547885	6368027	2	
6_223	040826	1547876	6368025	2	
6_224	040826	1547866	6368023	2	
6_225	040826	1547856	6368022	2	
6_226	040826	1547846	6368021	2	
6_227	040826	1547836	6368019	2	

6_228	040826	1547827	6368017	2	
6_229	040826	1547817	6368015	2	
6_230	040826	1547807	6368014	2	
6_231	040826	1547797	6368012	2	
6_232	040826	1547789	6368008	2	The stream runs through a pipe under pasture land; D: 0.4, L: 12.0, F: 0
6_233	040826	1547781	6368005	2	
6_234	040826	1547772	6368001	2	
6_235	040826	1547762	6368002	2	
6_236	040826	1547755	6367997	2	
6_237	040826	1547744	6367996	2	
6_238	040826	1547734	6367994	2	
6_239	040826	1547724	6367993	2	
6_240	040826	1547714	6367994	2	
6_241	040826	1547705	6367997	2	
6_242	040826	1547696	6368001	2	
6_243	040826	1547686	6368002	2	
6_244	040826	1547677	6368005	2	
6_245	040826	1547667	6368004	2	The stream runs through a pipe under pasture land; D: 0.15, L: 6.5, F: 0
6_246	040826	1547657	6368004	2	
6_247	040826	1547648	6368003	2	The stream runs through a pipe under pasture land; D: 0.5, L: 19.0, F: 0
6_248	040826	1547638	6368004	2	
6_249	040826	1547629	6368003	2	
6_250	040826	1547619	6368003	2	
6_251	040826	1547610	6368003	2	
6_252	040826	1547600	6368005	2	The stream runs through a pipe under pasture land; D: 0.4, L: 6.5, F: 0
6_253	040826	1547592	6367999	2	
6_254	040826	1547588	6367993	2	The stream runs through a pipe under ground, foaming water (1×0.4 m) downstream the pipe: D: 0.5, L: 400.0, F: 0
6_255	040826	1547582	6367985	2	The stream runs through a pipe under ground
6_256	040826	1547572	6367983	2	The stream runs through a pipe under ground
6_257	040826	1547561	6367985	2	The stream runs through a pipe under ground. Drainage well
6_258	040826	1547561	6367985	2	The stream runs through a pipe under agriculture land
6_259	040826			2	The stream runs through a pipe under agriculture land
6_260	040826			2	The stream runs through a pipe under agriculture land
6_261	040826			2	The stream runs through a pipe under agriculture land

6_262	040826			2	The stream runs through a pipe under agriculture land
6_263	040826			2	The stream runs through a pipe under agriculture land
6_264	040826			2	The stream runs through a pipe under agriculture land
6_265	040826			2	The stream runs through a pipe under agriculture land
6_266	040826	1547483	6367982	2	The stream runs through a pipe under agriculture land. Drainage well
6_267	040826			2	The stream runs through a pipe under agriculture land
6_268	040826			2	The stream runs through a pipe under agriculture land
6_269	040826			2	The stream runs through a pipe under agriculture land
6_270	040826			2	The stream runs through a pipe under agriculture land
6_271	040826			2	The stream runs through a pipe under agriculture land
6_272	040826			2	The stream runs through a pipe under agriculture land
6_273	040826			2	The stream runs through a pipe under agriculture land
6_274	040826			2	The stream runs through a pipe under agriculture land
6_275	040826			2	The stream runs through a pipe under agriculture land
6_276	040826			2	The stream runs through a pipe under agriculture land
6_277	040826			2	The stream runs through a pipe under agriculture land
6_278	040826			2	The stream runs through a pipe under agriculture land
6_279	040826			2	The stream runs through a pipe under agriculture land
6_280	040826			2	The stream runs through a pipe under agriculture land
6_281	040826	1547333	6367984	2	The stream runs through a pipe under agriculture land
6_282	040826	1547325	6367977	2	The stream runs through a pipe under agriculture land
6_283	040826	1547316	6367974	2	The stream runs through a pipe under agriculture land
6_284	040826	1547305	6367975	2	The stream runs through a pipe under agriculture land
6_285	040826	1547295	6367973	2	The stream runs through a pipe under agriculture land. Drainage well (190 m from the Drainage well down stream).
6_286	040826	1547285	6367976	2	The stream runs through a pipe under ground, visible dry channel
6_287	040826	1547276	6367975	2	The stream runs through a pipe under ground, visible dry channel
6_288	040826	1547267	6367974	2	The stream runs through a pipe under ground, visible dry channel
6_289	040826			2	The stream runs through a pipe under ground, visible dry channel
6_290	040826			2	The stream runs through a pipe under ground, visible dry channel. Drainage well.
6_291	040826	1547249	6367951	2	The stream runs through a pipe under ground, visible dry channel
6_292	040826	1547238	6367951	2	The stream runs through a pipe under ground, visible dry channel
6_293	040826			2	The stream runs through a pipe under ground, visible dry channel
6_294	040826	1547220	6367945	2	Road, gravel (the pipe ends 46 m from the closest drainage well downstream, photo)
6_295	040826	1547210	6367942	2	

6_296	040826	1547201	6367939	2
6_297	040826	1547191	6367931	2
6_298	040826	1547183	6367927	2
6_299	040826	1547172	6367923	2
6_300	040826	1547164	6367918	2
6_301	040826	1547154	6367916	2
6_302	040826	1547146	6367910	2
6_303	040826	1547138	6367905	2
6_304	040826	1547130	6367899	2
6_305	040826	1547122	6367895	2
6_306	040826	1547112	6367893	2
6_307	040826	1547102	6367891	2
6_308	040826	1547091	6367888	2
6_309	040826	1547079	6367887	2
6_310	040826	1547068	6367886	2
6_311	040826	1547058	6367888	2
6_312	040826	1547048	6367890	2
6_313	040826	1547039	6367892	2
6_314	040826	1547030	6367894	2
6_315	040826	1547020	6367896	2
6_316	040826	1547009	6367898	2
6_317	040826	1547000	6367901	2
6_318	040826	1546991	6367905	2
6_319	040826	1546983	6367910	2
6_320	040826	1546973	6367915	2
6_321	040826	1546964	6367919	2
6_322	040826	1546956	6367924	2
6_323	040826	1546946	6367928	2
6_324	040826	1546936	6367932	2
6_325	040826	1546927	6367936	2
6_326	040826	1546918	6367940	2
6_327	040826	1546908	6367944	2
6_328	040826	1546899	6367949	2
6_329	040826	1546889	6367952	2

A drainage pipe enters the stream: D: 0.15 m

6_330	040826	1546880	6367957	2	A drainage pipe enters the stream; D: 0.15 m
6_331	040826	1546871	6367961	2	
6_332	040826	1546862	6367965	2	
6_333	040826	1546852	6367969	2	
6_334	040826	1546843	6367973	2	
6_335	040826	1546834	6367977	2	The stream runs through a pipe; D: 0.4, L: 7.5, F: 0.05
6_336	040826	1546824	6367980	2	
6_337	040826	1546814	6367981	2	
6_338	040826	1546803	6367981	2	
6_339	040826	1546794	6367981	2	
6_340	040826	1546784	6367981	2	
6_341	040826	1546774	6367981	2	
6_342	040826	1546764	6367981	2	Concrete pipe draining agriculture land (D: 0.2) enters into the stream
6_343	040826	1546754	6367980	2	
6_344	040826	1546744	6367980	2	
6_345	040826	1546733	6367980	2	
6_346	040826	1546724	6367980	2	
6_347	040826	1546714	6367981	2	
6_348	040826	1546704	6367980	2	
6_349	040826	1546694	6367981	2	The stream runs through a plastic pipe under agriculture land D: 0.3, L: 14.5, F: 0
6_350	040826	1546684	6367980	2	
6_351	040826	1546679	6367985	2	
6_352	040826	1546677	6367993	2	
6_353	040826	1546670	6368000	2	
6_354	040826	1546663	6368007	2	
6_355	040826	1546654	6368011	2	The stream runs through a pipe under agriculture land D: 0.3, L: 80.0, F: 0
6_356	040826	1546645	6368013	2	The stream runs through a pipe under agriculture land
6_357	040826	1546583	6368003	2	The stream runs through a pipe under agriculture land
6_358	040826	1546575	6368008	2	The stream runs through a pipe under agriculture land
6_359	040826	1546567	6368013	2	The stream runs through a pipe under agriculture land
6_360	040826	1546559	6368019	2	The stream runs through a pipe under agriculture land
6_361	040826	1546551	6368025	2	The stream runs through a pipe under agriculture land
6_362	040826	1546543	6368030	2	The stream runs through a pipe under agriculture land
6_363	040826	1546535	6368035	2	

6_364	040826	1546502	6368049	2	
6_365	040826	1546495	6368051	2	
6_366	040826	1546486	6368054	2	
6_367	040826	1546477	6368058	2	
6_368	040826	1546469	6368064	2	The stream runs through a concrete pipe under agriculture land D: 0.2, L: 37.0, F: 0
6_369	040826	1546458	6368066	2	The stream runs through a concrete pipe under agriculture land
6_370	040826			2	The stream runs through a concrete pipe under agriculture land
6_371	040826			2	The stream runs through a concrete pipe under agriculture land
6_372	040826			2	
6_373	040826	1546502	6368049	2	
6_374	040826	1546495	6368051	2	
6_375	040826	1546486	6368054	2	
6_376	040826	1546477	6368058	2	Tributary from the south, D = 0.1 and width 0.5 in a length of 5 m. Upstream of that a dry channel
6_377	040826	1546469	6368064	2	
6_378	040826	1546458	6368066	2	
6_379	040826	1546449	6368069	2	
6_380	040826	1546440	6368073	2	
6_381	040826	1546429	6368075	2	
6_382	040826	1546420	6368080	2	
6_383	040826	1546409	6368082	2	
6_384	040826	1546400	6368084	2	
6_385	040826	1546390	6368079	2	
6_386	040826	1546381	6368079	2	
6_387	040826	1546370	6368078	2	
6_388	040826	1546361	6368080	2	
6_389	040826	1546352	6368085	2	
6_390	040826	1546343	6368089	2	
6_391	040826	1546334	6368090	2	
6_392	040826	1546324	6368093	2	
6_393	040826	1546315	6368093	2	
6_394	040826	1546306	6368091	2	
6_395	040826	1546296	6368094	2	
6_396	040826	1546287	6368098	2	
6_397	040826			2	

6_398	040826			2	Boulders as a barrier for migratory fish
6_399	040826	1546270	6368120	2	Weak meander of the channel
6_400	040826			0	Weak meander of the channel
6_401	040826	1546285	6368151	0	The last (most upstream) section of the stream (photo)
6_402	040826				The stream ends towards some trees (Alnus glutinosa). Ditch filled with water on the other side of the trees
7_1	040824			0	Outlet to the sea.
7_2	040824			0	
7_3	040824			0	
7_4	040824	1550053	6368463	0	
7_5	040824	1550043	6368467	0	Boulders as a barrier for migratory fish (photo)
7_6	040824	1550034	6368463	0	The stream meanders
7_7	040824	1550027	6368463	0	The stream meanders
7_8	040824	1550019	6368459	0	The stream meanders
7_9	040824	1550016	6368469	0	The stream meanders
7_10	040824	1550007	6368475	0	The stream meanders in a ravine, D = approx 2.5 m. Chanterelles (photo)
7_11	040824	1549999	6368474	0	The stream meanders in a ravine, D = approx 2.5 m
7_12	040824	1549991	6368479	0	The stream meanders in a ravine, D = approx 2.5 m
7_13	040824	1549982	6368479	0	The stream meanders in a ravine, D = approx 2.5 m
7_14	040824	1549978	6368470	0	The stream meanders in a ravine, D = approx 2.5 m
7_15	040824	1549969	6368466	0	The stream meanders in a ravine, D = approx 2.5 m
7_16	040824	1549960	6368471	0	The stream meanders part of the section. The original channel is cut off with cobbles. Delta north of the channel. (photo)
7_17	040824	1549951	6368476	0	Delta north of the channel
7_18	040824	1549943	6368472	0	Delta north of the channel
7_19	040824	1549933	6368471	2	Delta north of the channel
7_20	040824	1549924	6368472	2	Delta north of the channel
7_21	040824	1549912	6368470	2	Delta north of the channel
7_22	040824			2	Delta north of the channel
7_23	040824			2	Delta north of the channel. Potamogeton berchtoldii and Hottonia palustris (Photo)
7_24	040824			2	Delta north of the channel
7_25	040824			2	Delta north of the channel in some part of the section
7_26	040824			2	
7_27	040824	1549861	6368450	2	
7_28	040824	1549854	6368445	2	
7_29	040824	1549854	6368435	2	Tributary from the south, with width 0.6 m and depth 0.3

7_30	040824	1549848	6368426	2	
7_31	040824	1549839	6368421	2	
7_32	040824	1549830	6368414	2	
7_33	040824			2	
7_34	040824			2	
7_35	040824	1549815	6368390	2	
7_36	040824			2	
7_37	040824			2	
7_38	040824			2	
7_39	040824			2	
7_40	040824			2	
7_41	040824			2	
7_42	040824	1549770	6368352	2	
7_43	040824	1549763	6368344	2	
7_44	040824	1549757	6368338	2	Tributary from the south, dry channel
7_45	040824	1549747	6368336	2	
7_46	040824	1549738	6368333	2	Tributary from the south, dry channel
7_47	040824	1549728	6368331	2	
7_48	040824	1549718	6368331	2	
7_49	040824			2	
7_50	040824			2	
7_51	040824	1549687	6368343	2	
7_52	040824	1549678	6368348	2	
7_53	040824			2	
7_54	040824			2	
7_55	040824			2	
7_56	040824			2	
7_57	040824			2	
7_58	040824	1549617	6368365	2	
7_59	040824			2	
7_60	040824	1549598	6368367	2	
7_61	040824			2	
7_62	040824	1549580	6368364	2	
7_63	040824			2	

7_64	040824			2	
7_65	040824			2	
7_66	040824	1549548	6368332	0	
7_67	040824	1549552	6368322	0	Ravine in part of the section (boulders and bedrock), D = approx 3 m
7_68	040824	1549550	6368311	0	Ravine (boulders and bedrock), D = approx 3 m
7_69	040824	1549539	6368315	0	Ravine (boulders and bedrock), D = approx 3 m
7_70	040824	1549532	6368311	0	Ravine (boulders and bedrock), D = approx 3 m
7_71	040824	1549527	6368305	0	Ravine (boulders and bedrock), D = approx 3 m
7_72	040824	1549518	6368305	0	Ravine (boulders and bedrock), D = approx 3 m
7_73	040824	1549509	6368302	0	Ravine in part of the section (boulders and bedrock), D = approx 3 m. Hydrological station with a pipe D: 0.03 enters into the stream. (photo)
7_74		1549500	6368297		Lake Frisksjön
7_75	040825	1549056	6368026	1	
7_76	040825	1549048	6368022	1	
7_77	040825	1549041	6368016	1	
7_78	040825	1549035	6368009	1	
7_79	040825	1549030	6368002	1	
7_80	040825	1549027	6367994	1	
7_81	040825	1549024	6367985	1	
7_82	040825	1549021	6367975	1	
7_83	040825	1549019	6367966	1	
7_84	040825	1549016	6367957	1	
7_85	040825	1549021	6367948	1	
7_86	040825	1549025	6367938	1	Road, gravel. The stream runs through a pipe (D: 0.3, L: 6.0, F: 0.04)
7_87	040825			1	
7_88	040825	1549034	6367918	1	
7_89	040825			1	
7_90	040825	1549046	6367899	1	
7_91	040825			1	
7_92	040825	1549055	6367882	1	
7_93	040825			1	
7_94	040825	1549064	6367863	1	
7_95	040825	1549069	6367854	1	
7_96	040825	1549074	6367845	1	

7_97	040825	1549071	6367835	1	
7_98	040825	1549069	6367827	1	
7_99	040825	1549073	6367816	1	
7_100	040825			1	Tributary from the east, dry channel
7_101	040825			1	
7_102	040825			1	
7_103	040825			1	
7_104	040825			1	
7_105	040825			1	
7_106	040825			1	
7_107	040825			1	
7_108	040825			0	The stream meanders part of the section.
7_109	040825			0	The stream meanders.
7_110	040825	1549132	6367733	2	The stream meanders part of the section.
7_111	040825			2	
7_112	040825			2	
7_113	040825	1549135	6367705	2	
7_114	040825	1549138	6367695	1	
7_115	040825			1	
7_116	040825	1549145	6367677	2	
7_117	040825	1549154	6367673	2	
7_118	040825	1549160	6367664	2	
7_119	040825			2	
7_120	040825			2	The stream runs through a pipe (D: 0.3, L: 4.0, F: 0)
7_121	040825			2	
7_122	040825			2	
7_123	040825	1549194	6367630	2	
7_124	040825			2	
7_125	040825	1549209	6367617	2	
7_126	040825			2	
7_127	040825			2	
7_128	040825			2	
7_129	040825			2	
7_130	040825			2	

7_131	040825			2	
7_132	040825			2	
7_133	040825	1549260	6367556	2	
7_134	040825	1549267	6367550	2	
7_135	040825	1549272	6367546	2	
7_136	040825	1549279	6367539	2	The stream runs through a pipe under ground (D: 0.3, L: 6.0, F: 0)
7_137	040825	1549287	6367534	2	
7_138	040825	1549295	6367529	2	
7_139	040825	1549303	6367522	2	
7_140	040825	1549312	6367517	2	
7_141	040825	1549320	6367510	2	
7_142	040825	1549327	6367505	2	
7_143	040825	1549335	6367500	2	
7_144	040825	1549343	6367494	2	
7_145	040825	1549352	6367489	2	
7_146	040825	1549358	6367482	2	
7_147	040825	1549363	6367475	2	
7_148	040825	1549370	6367469	2	The stream runs through a pipe (D: 0.3, L: 6.0, F: 0)
7_149	040825	1549378	6367468	2	A bridge constructed by boulders, above a pipe that the stream runs through (D: 0.4, L: 2.3, F: 0)
7_150	040825			2	
7_151	040825			2	
7_152	040825	1549400	6367454	2	
7_153	040825	1549408	6367450	2	The stream runs through a pipe (D: 0.3, L: 6.5, F: 0)
7_154	040825	1549418	6367448	2	
7_155	040825	1549425	6367440	2	
7_156	040825	1549432	6367433	2	
7_157	040825	1549435	6367426	2	
7_158	040825	1549432	6367416	2	The stream runs through a pipe under agriculture land (D: 0.3, L: 7.5, F: 0)
7_159	040825	1549428	6367409	2	
7_160	040825	1549434	6367402	2	
7_161	040825	1549433	6367394	2	
7_162	040825	1549427	6367387	2	
7_163	040825	1549421	6367379	2	
7_164	040825	1549415	6367371	2	

7_165	040825	1549409	6367364	2	
7_166	040825	1549404	6367357	2	
7_167	040825	1549398	6367350	2	
7_168	040825	1549392	6367342	2	
7_169	040825	1549387	6367333	2	
7_170	040825	1549391	6367324	2	The stream runs through a pipe under agriculture land (D: 0.5, L: 6.0, F: 0)
7_171	040825	1549395	6367315	2	Tributary from the west, dry channel
7_172	040825	1549401	6367308	2	
7_173	040825	1549408	6367302	2	
7_174	040825	1549415	6367294	2	The stream runs through a pipe (D: 0.3, L: 12.0, F: 0)
7_175	040825	1549421	6367287	2	The stream runs through a pipe part of the section
7_176	040825	1549427	6367280	2	
7_177	040825	1549434	6367275	2	
7_178	040825	1549442	6367272	2	
7_179	040825	1549452	6367275	2	
7_180	040825	1549461	6367274	2	
7_181	040825	1549470	6367276	2	
7_182	040825	1549478	6367276	2	
7_183	040825	1549485	6367269	2	The stream runs through a pipe (D: 0.3, L: 10, F: 0)
7_184	040825	1549494	6367267	2	
7_185	040825	1549504	6367264	2	
7_186	040825	1549512	6367257	2	
7_187	040825	1549510	6367247	2	
7_188	040825	1549507	6367240	2	The stream runs through a pipe under agriculture land (D: 0.4, L: 4.0, F: 0)
7_189	040825	1549505	6367229	2	
7_190	040825	1549499	6367222	2	
7_191	040825	1549497	6367211	2	
7_192	040825	1549495	6367202	2	
7_193	040825	1549491	6367193	2	The stream runs through a pipe under agriculture land (D: 0.4, L: 5.0, F: 0)
7_194	040825	1549486	6367185	2	
7_195	040825	1549480	6367178	2	
7_196	040825	1549474	6367171	2	
7_197	040825	1549467	6367164	2	
7_198	040825	1549460	6367157	2	

7_199	040825	1549453	6367150	2	
7_200	040825	1549447	6367144	2	
7_201	040825	1549439	6367138	2	Road, asphalt. The stream runs through a pipe (D: 0.4, L: 30.0, F: 0)
7_202	040825	1549432	6367132	2	Road, asphalt. The stream runs through a pipe
7_203	040825	1549428	6367126	2	Road, asphalt. The stream runs through a pipe
7_204	040825	1549422	6367120	2	
7_205	040825	1549414	6367112	2	
7_206	040825	1549409	6367104	2	
7_207	040825	1549402	6367097	2	
7_208	040825	1549395	6367089	2	
7_209	040825			2	
7_210	040825	1549381	6367074	2	
7_211	040825	1549374	6367082	2	
7_212	040825	1549366	6367084	2	
7_213	040825	1549357	6367082	2	
7_214	040825	1549350	6367076	2	
7_215	040825	1549345	6367067	2	
7_216	040825	1549336	6367062	2	
7_217	040825	1549329	6367054	2	
7_218	040825	1549323	6367047	2	
7_219	040825	1549319	6367039	2	
7_220	040825	1549312	6367035	2	The stream runs through a pipe under agriculture land (D: 0.2, L: 12.5, F: 0)
7_221	040825	1549302	6367035	2	
7_222	040825			2	
7_223	040825	1549284	6367028	2	
7_224	040825	1549276	6367024	2	
7_225	040825	1549266	6367023	2	
7_226	040825	1549256	6367021	2	
7_227	040825	1549246	6367022	2	
7_228	040825	1549236	6367024	2	
7_229	040825	1549226	6367026	2	
7_230	040825	1549216	6367029	2	
7_231	040825	1549206	6367027	2	
7_232	040825	1549197	6367022	2	

7_233	040825	1549188	6367018	2	
7_234	040825	1549178	6367021	2	
7_235	040825	1549169	6367024	2	
7_236	040825	1549163	6367033	2	Road, asphalt. The stream runs through a pipe (D: 0.6, L: 5.5, F: 0)
7_237	040825	1549158	6367041	2	
7_238	040825	1549157	6367050	2	
7_239	040825	1549154	6367060	2	
7_240	040825	1549147	6367068	2	
7_241	040825	1549140	6367077	2	
7_242	040825	1549134	6367084	2	
7_243	040825	1549127	6367091	2	
7_244	040825	1549119	6367095	2	
7_245	040825	1549110	6367095	2	
7_246	040825	1549101	6367092	2	
7_247	040825	1549095	6367085	2	The stream runs through a pipe under agriculture land (H: 0.2, L: 6.0, F: 0)
7_248	040825	1549086	6367084	2	
7_249	040825	1549077	6367083	2	
7_250	040825	1549067	6367081	2	
7_251	040825	1549057	6367079	2	
7_252	040825	1549049	6367076	2	
7_253	040825	1549041	6367070	2	
7_254	040825	1549034	6367063	2	A pipe enters the stream from the adjacent agriculture land D: 0.2 m
7_255	040825	1549028	6367054	2	
7_256	040825	1549027	6367045	2	
7_257	040825	1549031	6367035	2	
7_258	040825	1549034	6367026	2	
7_259	040825	1549037	6367017	2	This last (most upstream) section of the stream is shorter than 10 m. A pipe enters the stream from the adjacent agriculture land (D: 0.2 m).
7_260	040825	1549038	6367010		Coordinates at the upstream end of the channel
9_1	040822			2	Outlet to the sea.
9_2	040822			2	
9_3	040822	1550377	6366260	2	
9_4	040822	1550366	6366262	2	
9_5	040822	1550357	6366266	2	

9_6	040822	1550348	6366269	2	
9_7	040822	1550338	6366270	2	
9_8	040822	1550329	6366272	2	
9_9	040822			2	
9_10	040822	1550317	6366283	2	The stream runs through a pipe under ground (D: 0.6, L: 6.0, F: 0.1)
9_11	040822	1550314	6366291	2	Road, gravel. The stream runs through a pipe (D: 1.0, L: 34, F: 0.05), which continues under a barn
9_12	040822	1550308	6366296	2	(photo)
9_13	040822			2	
9_14	040822			2	(photo)
9_15	040822	1550279	6366311	2	Road covered with grass. The stream runs through a pipe (D: 1.0, L: 4.0, F: 0)
9_16	040822	1550274	6366318	2	
9_17	040822	1550275	6366328	2	
9_18	040822	1550272	6366336	2	
9_19	040822	1550275	6366345	2	Road, gravel. The stream runs through a pipe (D: 1.0, L: 5.0, F: 0)
9_20	040822	1550276	6366355	2	
9_21	040822	1550274	6366363	2	
9_22	040822	1550269	6366371	2	A water hose, a ladder and a plastic bag with cotton that smelled ether was in the water (photo)
9_23	040822	1550261	6366377	2	The stream runs through a pipe (D: 0.3, L: 16.0, F: 0) under a garden
9_24	040822			2	
9_25	040822	1550243	6366378	2	
9_26	040822	1550233	6366378	2	
9_27	040822	1550223	6366382	2	
9_28	040822	1550213	6366381	2	
9_29	040822	1550205	6366376	2	Large pieces of old roof (sheet metal) and some tree branches in the stream (photo)
9_30	040822	1550198	6366368	2	
9_31	040822	1550186	6366365	2	
9_32	040822	1550176	6366363	2	
9_33	040823	1550167	6366360	2	
9_34	040823	1550160	6366358	2	
9_35	040823	1550150	6366358	2	A broken wooden bridge; H: 0.4 m (photo)
9_36	040823	1550141	6366361	2	
9_37	040823	1550132	6366366	2	
9_38	040823	1550128	6366373	2	
9_39	040823	1550124	6366383	2	

9_40	040823	1550119	6366391	2	
9_41	040823	1550114	6366398	2	
9_42	040823	1550106	6366403	2	Tributary from the east, D: 0.1, with dense growth of Carex rostrata and Glyceria fluitans
9_43	040823	1550097	6366409	2	
9_44	040823	1550088	6366414	2	
9_45	040823	1550080	6366418	2	A possible inflow of ground water. Very cold water in this section
9_46	040823	1550073	6366424	2	
9_47	040823	1550065	6366430	2	
9_48	040823	1550057	6366435	2	
9_49	040823	1550048	6366442	2	
9_50	040823	1550040	6366448	2	
9_51	040823	1550032	6366453	2	
9_52	040823	1550024	6366459	2	(photo)
9_53	040823	1550015	6366464	2	
9_54	040823	1550008	6366469	2	
9_55	040823	1550000	6366474	2	
9_56	040823	1549991	6366479	2	
9_57	040823	1549983	6366485	2	(photo)
9_58	040823	1549975	6366491	2	Tree branches across the channel (H: 0.3, L: 4.0, photo)
9_59	040823	1549966	6366498	2	
9_60	040823	1549959	6366503	2	
9_61	040823	1549952	6366510	2	
9_62	040823	1549944	6366516	2	
9_63	040823	1549938	6366523	2	
9_64	040823	1549932	6366531	2	
9_65	040823	1549926	6366538	2	
9_66	040823	1549921	6366547	2	
9_67	040823	1549913	6366552	2	
9_68	040823	1549908	6366561	2	
9_69	040823	1549901	6366569	2	
9_70	040823	1549893	6366568	2	
9_71	040823	1549883	6366571	2	Road, asphalt. The stream runs through a pipe (D: 0.7, L: 20.0, F: 0.15, photo)
9_72	040823			2	Road, asphalt. The stream runs through a pipe
9_73	040823	1549862	6366564	2	

9_74	040823	1549852	6366561	1	
9_75	040823	1549843	6366552	1	
9_76	040823	1549836	6366545	1	
9_77	040823	1549827	6366540	1	
9_78	040823	1549818	6366545	1	
9_79	040823			1	
9_80	040823	1549799	6366547	1	
9_81	040823			1	
9_82	040823			1	
9_83	040823			1	
9_84	040823	1549760	6366548	1	
9_85	040823			1	
9_86	040823			1	
9_87	040823	1549734	6366543	2	
9_88	040823			2	
9_89	040823	1549718	6366536	2	
9_90	040823			2	
9_91	040823	1549698	6366530	2	
9_92	040823			2	Road, gravel. The stream runs through a pipe (D: 0.7, L: 12.0, F: 0)
9_93	040823	1549678	6366526	2	Road, gravel. The stream runs through a pipe
9_94	040823	1549666	6366524	2	Drilling of a well down to the groundwater is currently performed close to the stream
9_95	040823	1549656	6366523	2	
9_96	040823	1549646	6366522	2	
9_97	040823	1549637	6366519	2	
9_98	040823	1549629	6366516	2	
9_99	040823	1549620	6366514	2	
9_100	040823	1549610	6366512	2	
9_101	040823	1549600	6366510	2	
9_102	040823	1549592	6366509	2	
9_103	040823	1549581	6366510	2	
9_104	040823	1549571	6366511	2	Board across the channel H: 0.5
9_105	040823	1549562	6366512	2	
9_106	040823	1549553	6366513	2	
9_107	040823	1549544	6366515	2	

9_108	040823	1549534	6366515	2
9_109	040823	1549525	6366516	2
9_110	040823	1549516	6366517	2
9_111	040823	1549506	6366518	2
9_112	040823	1549496	6366519	2
9_113	040823	1549485	6366521	2
9_114	040823	1549476	6366525	2
9_115	040823	1549466	6366527	2
9_116	040823	1549456	6366527	2
9_117	040823	1549448	6366527	2
9_118	040823	1549437	6366528	2
9_119	040823	1549427	6366529	2
9_120	040823	1549417	6366529	2
9_121	040823	1549408	6366529	2
9_122	040823	1549398	6366532	2
9_123	040823	1549389	6366536	2
9_124	040823	1549379	6366537	2
9_125	040823	1549370	6366538	2
9_126	040823	1549360	6366540	2
9_127	040823	1549349	6366542	2
9_128	040823	1549340	6366542	2
9_129	040823	1549328	6366544	2
9_130	040823	1549318	6366545	2
9_131	040823	1549308	6366546	2
9_132	040823	1549298	6366549	2
9_133	040823	1549289	6366553	2
9_134	040823	1549280	6366556	2
9_135	040823	1549270	6366558	2
9_136	040823	1549260	6366560	2
9_137	040823	1549252	6366562	2
9_138	040823	1549242	6366565	2
9_139	040823	1549233	6366567	2
9_140	040823	1549223	6366569	2
9_141	040823	1549212	6366572	2

A road covered with grass to agriculture land. The stream runs through a pipe (D: 0.7, L: 4.0, F: 0 photo)

9_142	040823	1549203	6366574	2	
9_143	040823	1549193	6366574	2	
9_144	040823	1549183	6366572	2	
9_145	040823	1549173	6366569	2	
9_146	040823	1549165	6366561	2	
9_147	040823	1549156	6366556	2	
9_148	040823	1549147	6366552	2	
9_149	040823			2	
9_150	040823	1549131	6366552	2	
9_151	040823	1549122	6366553	2	
9_152	040823			2	The stream runs through a ravine, D = approx 2 m
9_153	040823			2	The stream runs through a ravine, D = approx 2 m (photo)
9_154	040823	1549100	6366541	2	The stream runs through a ravine, D = approx 2 m
9_155	040823	1549091	6366542	2	The stream runs through a ravine, D = approx 2 m
9_156	040823	1549082	6366544	2	The stream runs through a ravine, D = approx 2 m
9_157	040823	1549072	6366543	2	The stream runs through a ravine, D = approx 2 m
9_158	040823	1549065	6366549	2	The stream runs through a ravine, D = approx 2 m. A bridge made of cobbles (barrier for migr. fish) H: 1.0 m, L: 3.60 m (photo).
9_159	040823	1549056	6366552	2	The stream runs through a ravine, D = approx 2 m
9_160	040823	1549046	6366556	2	The stream runs through a ravine, D = approx 2 m
9_161	040823	1549037	6366561	2	The stream runs through a ravine, D = approx 2 m
9_162	040823	1549027	6366563	2	The stream runs through a ravine, D = approx 2 m
9_163	040823	1549019	6366569	2	The stream runs through a ravine, D = approx 2 m
9_164	040823	1549007	6366574	2	The stream runs through a ravine, D = approx 2 m
9_165	040823	1549000	6366579	2	The stream runs through a ravine, D = approx 2 m
9_166	040823	1548990	6366578	2	The stream runs through a ravine, D = approx 2 m
9_167	040823	1548980	6366574	2	The stream runs through a ravine, D = approx 2 m
9_168	040823	1548970	6366571	2	The stream runs through a ravine, D = approx 2 m
9_169	040823	1548960	6366569	2	The stream runs through a ravine, D = approx 2 m
9_170	040823	1548951	6366572	2	The stream runs through a ravine, D = approx 2 m
9_171	040823	1548944	6366564	2	The stream runs through a ravine, D = approx 2 m
9_172	040823	1548933	6366564	2	The stream runs through a ravine, D = approx 2 m
9_173	040823			2	The stream runs through a ravine, D = approx 2 m
9_174	040823	1548913	6366556	2	The stream runs through a ravine, D = approx 2 m

9_175	040823	1548906	6366550	2	The stream runs through a ravine, D = approx 2 m
9_176	040823	1548898	6366547	2	The stream runs through a ravine, D = approx 2 m
9_177	040823	1548889	6366543	2	The stream runs through a ravine, D = approx 2 m
9_178	040823	1548880	6366538	2	The stream runs through a ravine, D = approx 2 m
9_179	040823	1548871	6366534	2	The stream runs through a ravine, D = approx 2 m. A bridge made of cobbles H: 1.0 m, L: 4.30 m.
9_180	040823	1548863	6366529	2	The stream runs through a ravine, D = approx 2 m
9_181	040823	1548853	6366524	2	The stream runs through a ravine, D = approx 2 m
9_182	040823	1548843	6366524	2	The stream runs through a ravine, D = approx 2 m
9_183	040823	1548835	6366524	2	The stream runs through a ravine, D = approx 2 m
9_184	040823	1548825	6366524	2	The stream runs through a ravine, D = approx 2 m
9_185	040823	1548815	6366523	2	The stream runs through a ravine, D = approx 2 m
9_186	040823	1548806	6366523	2	The stream runs through a ravine, D = approx 2 m
9_187	040823	1548796	6366523	2	The stream runs through a ravine, D = approx 2 m
9_188	040823	1548786	6366520	2	The stream runs through a ravine, D = approx 2 m
9_189	040823	1548775	6366519	2	The stream runs through a ravine, D = approx 2 m
9_190	040823	1548766	6366518	2	The stream runs through a ravine, D = approx 2 m
9_191	040823	1548756	6366517	2	The stream runs through a ravine, D = approx 2 m
9_192	040823	1548746	6366517	2	The stream runs through a ravine, D = approx 2 m
9_193	040823	1548737	6366516	2	The stream runs through a ravine, D = approx 2 m
9_194	040823			2	The stream runs through a ravine, D = approx 2 m
9_195	040823	1548718	6366508	2	The stream runs through a ravine, D = approx 2 m. Three tree trunks lies across the channel H: 1.0 m.
9_196	040823	1548708	6366508	2	The stream runs through a ravine, D = approx 2 m
9_197	040823	1548699	6366507	2	The stream runs through a ravine, D = approx 2 m
9_198	040823	1548691	6366503	2	The stream runs through a ravine, D = approx 2 m
9_199	040823	1548682	6366506	2	The stream runs through a ravine, D = approx 2 m
9_200	040823	1548673	6366505	2	The stream runs through a ravine, D = approx 2 m
9_201	040823	1548662	6366506	2	The stream runs through a ravine, D = approx 2 m
9_202	040823	1548653	6366507	2	The stream runs through a ravine, D = approx 2 m. Tree trunks lies across the channel H: 1.0 m (photo).
9_203	040823	1548643	6366507	2	The stream runs through a ravine, D = approx 2 m
9_204	040823	1548634	6366506	2	The stream runs through a ravine, D = approx 2 m
9_205	040823	1548626	6366510	2	The stream runs through a ravine, D = approx 2 m
9_206	040823			2	The stream runs through a ravine, D = approx 2 m
9_207	040823	1548606	6366508	2	The stream runs through a ravine, D = approx 2 m
9_208	040823	1548595	6366516	2	The stream runs through a ravine, D = approx 2 m

9_209	040823	1548586	6366516	2	The stream runs through a ravine, D = approx 2 m
9_210	040823	1548576	6366513	2	The stream runs through a ravine, D = approx 2 m
9_211	040823	1548568	6366514	2	The stream runs through a ravine, D = approx 2 m, part of the section
9_212	040823	1548558	6366513	2	Wooden bridge provided for pedestrians H: 0.8, L: 3.6
9_213	040823	1548548	6366514	2	
9_214	040823	1548538	6366508	2	
9_215	040823	1548529	6366508	2	
9_216	040823	1548520	6366509	2	
9_217	040823	1548510	6366510	2	
9_218	040823	1548500	6366511	2	
9_219	040823	1548490	6366511	2	
9_220	040823	1548480	6366512	2	
9_221	040823	1548469	6366512	2	
9_222	040823	1548459	6366513	2	
9_223	040823	1548449	6366514	2	
9_224	040823	1548439	6366514	2	
9_225	040823	1548430	6366514	2	
9_226	040823	1548419	6366515	2	
9_227	040823	1548410	6366518	2	
9_228	040823	1548401	6366524	2	
9_229	040823	1548393	6366529	2	
9_230	040823	1548384	6366534	2	
9_231	040823	1548377	6366540	2	
9_232	040823	1548368	6366546	2	
9_233	040823	1548359	6366552	2	
9_234	040823	1548350	6366558	2	
9_235	040823	1548342	6366563	2	
9_236	040823	1548334	6366569	2	
9_237	040823	1548326	6366575	2	
9_238	040823	1548317	6366581	2	
9_239	040823	1548310	6366586	2	Tree trunks lying across the channel H: 0.4 m (photo)
9_240	040823	1548302	6366592	2	
9_241	040823	1548293	6366597	2	
9_242	040823	1548284	6366603	2	

9_243	040823	1548276	6366609	2	
9_244	040823	1548267	6366615	2	
9_245	040823	1548259	6366620	2	
9_246	040823	1548251	6366627	2	
9_247	040823	1548242	6366632	2	
9_248	040823	1548233	6366638	2	
9_249	040823	1548225	6366644	2	
9_250	040823	1548216	6366649	2	
9_251	040823	1548208	6366654	2	
9_252	040823	1548199	6366660	2	
9_253	040823	1548191	6366665	2	
9_254	040823	1548183	6366670	2	
9_255	040823	1548175	6366677	2	
9_256	040823	1548167	6366683	2	Tributary from the north, 1 cm depth
9_257	040823	1548159	6366689	2	Tree trunks lying across the channel H: 0.4 m
9_258	040823	1548151	6366695	2	
9_259	040823	1548143	6366699	2	
9_260	040823	1548135	6366704	2	
9_261	040823	1548127	6366710	2	
9_262	040823	1548118	6366717	2	
9_263	040823	1548109	6366722	2	
9_264	040823	1548099	6366727	2	
9_265	040823	1548090	6366730	2	
9_266	040823	1548081	6366733	2	
9_267	040823	1548073	6366737	2	
9_268	040823	1548064	6366740	2	
9_269	040823	1548054	6366743	2	
9_270	040823	1548045	6366747	2	
9_271	040823	1548036	6366750	2	
9_272	040823	1548027	6366754	2	
9_273	040823	1548018	6366759	2	
9_274	040823	1548009	6366762	2	
9_275	040823	1548000	6366765	2	
9_276	040823	1547991	6366768	2	

9_277	040823	1547982	6366772	2	
9_278	040823	1547973	6366776	2	
9_279	040823	1547964	6366779	2	
9_280	040823	1547954	6366782	2	
9_281	040823	1547945	6366786	2	
9_282	040823	1547936	6366790	2	
9_283	040823	1547926	6366794	2	
9_284	040823			2	
9_285	040823	1547908	6366801	2	
9_286	040823	1547898	6366805	2	
9_287	040823	1547890	6366808	2	
9_288	040823	1547881	6366812	2	
9_289	040823	1547871	6366816	2	
9_290	040823	1547862	6366819	2	
9_291	040823	1547853	6366821	2	
9_292	040823	1547844	6366827	2	
9_293	040823	1547834	6366830	2	
9_294	040823	1547825	6366834	2	
9_295	040823	1547816	6366836	2	
9_296	040823	1547807	6366840	2	The stream runs through a concrete pipe under agriculture land; D: 1.0, L: 3.8, F: 0
9_297	040823	1547799	6366843	2	
9_298	040823	1547790	6366848	2	
9_299	040823	1547782	6366852	2	
9_300	040823	1547773	6366855	2	
9_301	040823	1547765	6366860	2	
9_302	040823	1547757	6366864	2	
9_303	040823	1547748	6366868	2	
9_304	040823	1547739	6366873	2	
9_305	040823	1547731	6366877	2	
9_306	040823	1547723	6366880	2	Road, gravel. The stream runs through a pipe; D: 0.7, L: 14.0, F: 0
9_307	040824	1547713	6366885	2	
9_308	040824	1547703	6366885	2	
9_309	040824	1547694	6366886	2	
9_310	040824	1547684	6366890	2	

9_311	040824	1547675	6366892	2	
9_312	040824	1547665	6366895	2	
9_313	040824	1547656	6366899	2	
9_314	040824	1547647	6366904	2	
9_315	040824	1547638	6366908	2	
9_316	040824	1547631	6366914	2	
9_317	040824	1547622	6366919	2	
9_318	040824	1547614	6366923	2	(photo)
9_319	040824	1547608	6366933	2	
9_320	040824			2	
9_321	040824	1547591	6366943	2	
9_322	040824			2	
9_323	040824			2	
9_324	040824	1547565	6366959	2	
9_325	040824			2	
9_326	040824	1547552	6366970	2	
9_327	040824	1547544	6366974	2	
9_328	040824			2	
9_329	040824			2	
9_330	040824			2	
9_331	040824			2	
9_332	040824			2	
9_333	040824			2	
9_334	040824	1547495	6367018	2	
9_335	040824	1547488	6367025	2	
9_336	040824	1547482	6367033	2	
9_337	040824	1547476	6367042	2	
9_338	040824	1547469	6367050	2	A tributary enters from the west, draining under agriculture land in 23 m closest to the main channel (no pipe found), further upstream the tributary was dry. (photo)
9_339	040824	1547463	6367057	2	
9_340	040824	1547461	6367066	2	The stream runs under agriculture land (no pipe found), L: 4 m.
9_341	040824	1547463	6367075	2	
9_342	040824	1547468	6367084	2	
9_343	040824	1547470	6367094	2	

9_344	040824	1547473	6367103	2	
9_345	040824	1547474	6367113	2	
9_346	040824	1547475	6367123	2	
9_347	040824	1547479	6367132	2	
9_348	040824	1547481	6367142	2	
9_349	040824	1547483	6367151	2	
9_350	040824	1547485	6367161	2	
9_351	040824	1547486	6367169	2	
9_352	040824	1547490	6367178	2	Bridge made of boulders D: 0.58×0.8 L: 3.0
9_353	040824	1547490	6367187	2	
9_354	040824	1547495	6367195	2	The stream runs through a pipe under agriculture land
9_355	040824			2	
9_356	040824	1547493	6367214	2	
9_357	040824	1547494	6367224	2	
9_358	040824	1547496	6367233	2	
9_359	040824	1547500	6367243	2	
9_360	040824	1547502	6367253	2	
9_361	040824	1547504	6367263	2	
9_362	040824	1547507	6367273	2	
9_363	040824	1547510	6367283	2	
9_364	040824	1547513	6367292	2	
9_365	040824	1547515	6367302	2	
9_366	040824	1547517	6367311	2	
9_367	040824	1547519	6367320	2	
9_368	040824	1547521	6367329	2	
9_369	040824	1547524	6367339	2	
9_370	040824	1547527	6367348	2	
9_371	040824	1547529	6367357	2	
9_372	040824	1547531	6367367	2	The stream runs under a bridge made of boulders; D: 0.4×0.6, L: 3.70 (photo)
9_373	040824	1547534	6367377	2	
9_374	040824	1547538	6367386	2	
9_375	040824	1547538	6367396	2	
9_376	040824	1547538	6367405	2	The stream runs through a pipe under agriculture land. A plastic pipe (D = 0.1) enters the stream from the west
9_377	040824	1547538	6367415	2	

9_378	040824			2	
9_379	040824			2	
9_380	040824			2	
9_381	040824	1547543	6367456	2	
9_382	040824			2	
9_383	040824	1547542	6367474	2	
9_384	040824	1547541	6367482	2	
9_385	040824	1547539	6367490	2	
9_386	040824	1547536	6367499	2	
9_387	040824	1547533	6367507	2	The stream runs through a plastic pipe under ground (D: 0.1, L: 10.0, F: 0)
9_388	040824	1547533	6367517	2	
9_389	040824	1547533	6367526	2	
9_390	040824	1547531	6367536	2	
9_391	040824	1547528	6367544	2	
9_392	040824	1547523	6367553	2	
9_393	040824	1547519	6367560	2	A plastic pipe enters the stream D: 0.1 m
9_394	040824			2	
9_395	040824	1547531	6367573	2	Road, gravel. Possibly a pipe (not visible), and lots of boulders that the water can run through. Barrier to migratory fish
9_396	040824			2	The stream runs through a pipe under pasture land for cows
9_397	040824	1547548	6367585	2	The stream runs through a pipe under pasture land for cows
9_398	040824			2	The stream runs through a pipe under pasture land for cows
9_399	040824			2	The stream runs through a pipe under pasture land for cows. The last (most upstream) investigated section of the stream.
10_1	040818			2	Outlet to the sea.
10_2	040818	1550397	6366139	2	Road. The stream runs through a pipe (D: 2.20×3.50, L: 7.80, F: 0 three photos)
10_3	040818	1550398	6366129	2	
10_4	040818	1550392	6366120	2	
10_5	040818	1550387	6366113	2	
10_6	040818	1550380	6366107	2	
10_7	040818	1550373	6366101	2	
10_8	040818	1550368	6366096	2	
10_9	040818	1550363	6366089	2	
10_10	040818	1550358	6366082	2	
10_11	040818	1550351	6366072	2	
10_12	040818	1550345	6366064	2	A tree trunk is lying across the channel

10_13	040818	1550342	6366055	2	
10_14	040818	1550345	6366041	2	
10_15	040818	1550357	6366037	2	
10_16	040818	1550365	6366032	2	
10_17	040818	1550375	6366029	2	
10_18	040818	1550386	6366024	2	
10_19	040818	1550393	6366016	2	
10_20	040818	1550409	6366015	2	
10_21	040818	1550422	6366015	2	
10_22	040818	1550433	6366016	2	
10_23	040818	1550444	6366012	2	(photo)
10_24	040818	1550454	6366006	2	A construction for pumping water to Lake Söråmagasinet (photo)
10_25	040818	1550466	6366001	2	
10_26	040818	1550464	6365991	2	
10_27	040818	1550460	6365982	2	
10_28	040818	1550455	6365973	2	
10_29	040818	1550450	6365964	2	
10_30	040818	1550446	6365956	2	The stream seperates into two channels, tot width approx 6 m (two photos)
10_31	040818	1550441	6365948	2	The stream seperates into two channels, tot width approx 6 m
10_32	040818	1550438	6365939	2	The stream seperates into two channels, tot width approx 6 m
10_33	040818	1550433	6365934	2	The stream seperates into two channels, tot width approx 6 m
10_34	040818	1550427	6365923	2	The stream seperates into two channels, tot width approx 6 m
10_35	040818			2	
10_36	040818	1550412	6365910	2	
10_37	040818	1550403	6365903	2	Site suitable for electro-fishing (photo)
10_38	040818	1550396	6365896	2	Site suitable for electro-fishing
10_39	040818	1550390	6365892	2	Site suitable for electro-fishing
10_40	040818			2	Boards along the sides of the channel (could be remnants from a previous dam, photo)
10_41	040818			2	Boards along the sides of the channel (could be remnants from a previous dam)
10_42	040818	1550365	6365876	2	
10_43	040818	1550355	6365871	2	
10_44	040818	1550344	6365866	2	
10_45	040818	1550336	6365860	2	
10_46	040818	1550324	6365853	2	

10_47	040818	1550313	6365846	2	
10_48	040818	1550307	6365839	2	
10_49	040818	1550303	6365831	2	
10_50	040818	1550295	6365822	2	
10_51	040818	1550286	6365815	2	
10_52	040818			2	
10_53	040818	1550267	6365801	2	
10_54	040818	1550259	6365797	2	
10_55	040818	1550251	6365797	2	Boards along the sides of the channel (could be remnants from a previous dam, photo)
10_56	040818	1550237	6365796	2	Boards along the sides of the channel, parts of the section (photo)
10_57	040818	1550226	6365803	2	Sandbanks
10_58	040818	1550218	6365791	2	Sandbanks
10_59	040818	1550211	6365787	2	A broken fence along the stream (photo)
10_60	040818	1550206	6365780	2	A broken fence along the stream
10_61	040818	1550201	6365775	2	A broken fence along the stream
10_62	040818			2	A broken fence along the stream (part of the section)
10_63	040818	1550184	6365760	2	Pipe (D: 0.3) enters the stream (photo)
10_64	040818	1550178	6365753	2	Pond (L: 15 m)
10_65	040818	1550178	6365744	2	Pond (L: 15 m) (photo)
10_66	040818	1550180	6365733	2	Site suitable for electro-fishing (photo)
10_67	040818	1550178	6365721	2	Site suitable for electro-fishing
10_68	040818	1550167	6365719	2	Site suitable for electro-fishing
10_69	040818	1550154	6365714	2	Road, asphalt H: > 2.5 (two photos)
10_70	040819	1550141	6365713	2	
10_71	040819	1550132	6365708	2	
10_72	040819	1550123	6365699	2	Water hose (D: 0.03) enters the channel
10_73	040819	1550115	6365691	2	
10_74	040819			2	
10_75	040819	1550091	6365691	2	
10_76	040819	1550080	6365692	2	(photo)
10_77	040819	1550070	6365693	2	
10_78	040819	1550061	6365694	2	
10_79	040819	1550050	6365693	2	
10_80	040819			2	

10_81	040819	1550029	6365697	2	
10_82	040819	1550018	6365694	2	
10_83	040819	1550005	6365694	2	
10_84	040819	1549993	6365694	2	
10_85	040819	1549981	6365693	2	(photo)
10_86	040819	1549970	6365693	2	
10_87	040819	1549959	6365693	2	Typha latifolia (two photos)
10_88	040819	1549949	6365694	2	
10_89	040819	1549939	6365694	2	
10_90	040819	1549926	6365693	2	
10_91	040819	1549916	6365692	2	
10_92	040819	1549905	6365691	2	
10_93	040819	1549895	6365688	2	
10_94	040819	1549885	6365685	2	
10_95	040819	1549872	6365682	2	
10_96	040819	1549862	6365679	2	
10_97	040819	1549853	6365677	2	
10_98	040819	1549843	6365675	2	
10_99	040819	1549833	6365672	2	
10_100	040819	1549824	6365669	2	
10_101	040819	1549814	6365666	2	
10_102	040819	1549804	6365663	2	
10_103	040819	1549794	6365665	2	
10_104	040819	1549783	6365665	2	
10_105	040819	1549772	6365662	2	
10_106	040819	1549762	6365659	2	
10_107	040819	1549751	6365652	2	
10_108	040819	1549739	6365648	2	
10_109	040819	1549726	6365648	2	
10_110	040819	1549714	6365646	2	Construction that may be used for pumping water (photo)
10_111	040819	1549705	6365645	2	Boards along the sides of the channel (could be remnants from a previous dam), and a pipe entering the stream (photo)
10_112	040819	1549694	6365642	2	
10_113	040819	1549684	6365636	2	
10_114	040819	1549674	6365633	2	

10_115	040819	1549663	6365634	2	
10_116	040819	1549654	6365627	2	
10_117	040819	1549644	6365623	2	
10_118	040819	1549636	6365618	2	
10_119	040819	1549629	6365615	2	
10_120	040819	1549622	6365609	2	
10_121	040819	1549612	6365606	2	
10_122	040819	1549603	6365599	2	
10_123	040819	1549594	6365598	2	
10_124	040819	1549589	6365587	2	
10_125	040819	1549583	6365578	2	
10_126	040819	1549574	6365571	2	
10_127	040819	1549566	6365565	2	
10_128	040819			2	
10_129	040819			2	
10_130	040819	1549543	6365536	2	
10_131	040819	1549531	6365534	2	
10_132	040819	1549520	6365539	2	
10_133	040819	1549510	6365538	2	
10_134	040819	1549500	6365534	2	A pond (L: 12 m and max depth 0.6 m (F: 0.3 in 0.4 m and F: 0.35 in 4 m width of the stream). (photo).
10_135	040819	1549490	6365530	2	Part of the section belongs to the pond (photo)
10_136	040819	1549479	6365529	2	
10_137	040819	1549469	6365526	2	
10_138	040819	1549455	6365527	2	
10_139	040819	1549442	6365524	2	Pasture land, 5 m of the stream length, accessible for horses (photo)
10_140	040819	1549428	6365522	2	
10_141	040819	1549413	6365522	2	
10_142	040819	1549402	6365520	2	
10_143	040819	1549391	6365518	2	
10_144	040819	1549382	6365517	2	Site suitable for electro-fishing
10_145	040819	1549374	6365514	2	Site suitable for electro-fishing
10_146	040819	1549366	6365507	2	Site suitable for electro-fishing
10_147	040819	1549362	6365496	2	Site suitable for electro-fishing
10_148	040819			2	Site suitable for electro-fishing. Road, gravel. The stream runs through a pipe (H: 3.5 m, L: 4.5, F: 0)

10_149	040819	1549351	6365481	2	Site suitable for electro-fishing
10_150	040819	1549344	6365475	2	Site suitable for electro-fishing
10_151	040819	1549338	6365468	2	Site suitable for electro-fishing
10_152	040819	1549330	6365461	2	
10_153	040819	1549322	6365455	2	
10_154	040819	1549312	6365453	2	Plastic pipe enters the stream (D: 0.15 m, photo)
10_155	040819	1549305	6365447	2	
10_156	040819	1549297	6365442	2	
10_157	040819	1549288	6365435	2	
10_158	040819	1549279	6365431	2	
10_159	040819	1549272	6365420	2	
10_160	040819	1549261	6365417	2	
10_161	040819			2	
10_162	040819			2	
10_163	040819	1549239	6365399	2	
10_164	040819	1549234	6365393	2	
10_165	040819	1549224	6365391	2	
10_166	040819	1549214	6365394	2	
10_167	040819			2	
10_168	040819	1549198	6365402	2	
10_169	040819	1549188	6365399	2	
10_170	040819	1549180	6365394	2	
10_171	040819	1549171	6365388	2	
10_172	040819	1549161	6365384	2	
10_173	040819	1549154	6365377	2	
10_174	040819	1549145	6365372	2	
10_175	040819	1549140	6365367	2	
10_176	040819	1549135	6365359	2	
10_177	040819	1549132	6365349	2	
10_178	040819			2	
10_179	040819	1549122	6365333	2	
10_180	040819	1549114	6365327	2	
10_181	040819	1549103	6365323	2	
10_182	040819			2	

10_183	040819			2	
10_184	040819	1549072	6365313	2	Pasture land reaches down into the stream
10_185	040819			2	Site suitable for electro-fishing
10_186	040819			2	Site suitable for electro-fishing
10_187	040819			2	Site suitable for electro-fishing
10_188	040819			2	Site suitable for electro-fishing
10_189	040819			2	Site suitable for electro-fishing
10_190	040819			2	Site suitable for electro-fishing
10_191	040819	1549003	6365309	2	Site suitable for electro-fishing
10_192	040819	1548994	6365303	2	
10_193	040819	1548987	6365297	2	Tributary from the south, dry channel
10_194	040819	1548978	6365291	2	
10_195	040819	1548969	6365290	2	
10_196	040819	1548959	6365287	2	
10_197	040819	1548951	6365289	2	Wooden bridge, constructed for pedestrian H: more than 2 m (photo)
10_198	040819	1548942	6365289	2	
10_199	040819			2	
10_200	040819	1548922	6365293	2	
10_201	040819	1548914	6365295	2	
10_202	040819	1548905	6365300	2	
10_203	040819	1548897	6365304	2	
10_204	040819	1548888	6365306	2	
10_205	040819	1548879	6365301	2	
10_206	040819	1548872	6365296	2	
10_207	040819	1548866	6365291	2	
10_208	040819	1548860	6365285	2	
10_209	040819	1548852	6365280	2	
10_210	040819	1548843	6365280	2	
10_211	040819			2	
10_212	040819	1548828	6365293	2	
10_213	040819	1548821	6365301	2	
10_214	040819	1548812	6365304	2	
10_215	040819	1548804	6365309	2	
10_216	040819	1548795	6365313	2	

10_217	040819	1548787	6365314	2	
10_218	040819	1548778	6365309	2	
10_219	040819	1548772	6365303	2	
10_220	040819			2	
10_221	040819	1548763	6365284	2	
10_222	040819	1548755	6365277	2	
10_223	040819	1548744	6365278	2	
10_224	040819	1548733	6365284	2	
10_225	040819	1548722	6365286	2	
10_226	040819	1548714	6365291	2	
10_227	040819	1548706	6365298	2	A dam, with a stream neck downstream (F: 0.3 and 0.4 broad) (photo)
10_228	040819	1548698	6365304	2	
10_229	040819	1548691	6365313	2	
10_230	040819	1548683	6365318	2	
10_231	040819			2	
10_232	040819			2	The stream runs through a pipe D: 4.0, L: 10.0, F: 0 (photo)
10_233	040819			2	
10_234	040819	1548648	6365328	2	
10_235	040819			2	
10_236	040819			2	
10_237	040819			2	
10_238	040819			2	
10_239	040819			2	
10_240	040819			2	
10_241	040819			2	
10_242	040819			2	
10_243	040819	1548564	6365325	2	
10_244	040819	1548555	6365327	2	
10_245	040819	1548545	6365324	2	
10_246	040819	1548537	6365329	2	
10_247	040819	1548529	6365336	2	
10_248	040819	1548519	6365337	2	A concrete pipe enters into the stream. A dam;, F: 0.1 B: 1.0 (Photo)
10_249	040819	1548511	6365342	2	
10_250	040819	1548502	6365344	2	

10_251	040819	1548494	6365348	2	
10_252	040819	1548484	6365351	2	
10_253	040819	1548476	6365353	2	Tributary from the south, dry channel
10_254	040819	1548465	6365353	2	
10_255	040819			2	
10_256	040819			2	
10_257	040819	1548435	6365357	2	A pipe enters into the stream, with rushing water coming out from it; D: 0.15, F: 0.3 (photo)
10_258	040819	1548425	6365358	2	
10_259	040819			2	The stream is seperated into two channels, L: 15 m
10_260	040819	1548405	6365356	2	The stream is seperated into two channels, L: 15 m
10_261	040819	1548392	6365356	2	
10_262	040820	1548382	6365358	2	
10_263	040820	1548371	6365360	2	
10_264	040820	1548361	6365358	2	
10_265	040820	1548352	6365358	2	
10_266	040820	1548341	6365360	2	
10_267	040820	1548334	6365363	2	A concrete bridge; H: 1.65, L: 1.10 (photo)
10_268	040820	1548326	6365363	2	
10_269	040820	1548317	6365364	2	
10_270	040820	1548308	6365367	2	A concrete pipe enters into the stream (photo)
10_271	040820	1548301	6365372	2	
10_272	040820	1548292	6365373	2	
10_273	040820	1548284	6365374	2	
10_274	040820	1548276	6365373	2	
10_275	040820	1548267	6365375	2	
10_276	040820	1548260	6365379	2	
10_277	040820	1548254	6365385	2	
10_278	040820	1548245	6365390	2	Concrete bridge H: 1.30, L: 3.0. Soil bank under the bridge B: 1.0 H: 0.6 (photo)
10_279	040820	1548239	6365396	2	
10_280	040820	1548230	6365399	2	Site suitable for electro-fishing
10_281	040820	1548222	6365401	2	Site suitable for electro-fishing
10_282	040820	1548214	6365409	2	Site suitable for electro-fishing
10_283	040820	1548206	6365414	2	Site suitable for electro-fishing
10_284	040820	1548200	6365422	2	A pipe enters into the stream; D: 0.2 m (photo)

10_285	040820	1548195	6365431	2	
10_286	040820	1548186	6365433	2	
10_287	040820	1548177	6365432	2	
10_288	040820	1548168	6365433	2	
10_289	040820			2	
10_290	040820	1548153	6365444	2	
10_291	040820	1548146	6365448	2	
10_292	040820	1548141	6365453	2	
10_293	040820	1548134	6365453	2	
10_294	040820	1548125	6365452	2	
10_295	040820	1548115	6365450	2	
10_296	040820	1548105	6365448	2	
10_297	040820	1548095	6365448	2	(photo)
10_298	040820	1548086	6365443	2	
10_299	040820			2	
10_300	040820	1548064	6365437	2	
10_301	040820			2	
10_302	040820	1548046	6365427	2	
10_303	040820	1548037	6365434	2	
10_304	040820	1548025	6365435	2	
10_305	040820	1548014	6365439	2	
10_306	040820	1548003	6365440	2	
10_307	040820	1547993	6365444	2	
10_308	040820			2	
10_309	040820	1547973	6365450	2	
10_310	040820			2	
10_311	040820	1547955	6365455	2	
10_312	040820			2	
10_313	040820	1547938	6365450	2	
10_314	040820	1547926	6365450	2	
10_315	040820	1547916	6365448	2	
10_316	040820	1547904	6365448	2	
10_317	040820	1547895	6365447	2	A soil bank with growth of vegetation in the mittle of the channel (B: 1.0)
10_318	040820	1547885	6365449	2	

10_319	040820	1547874	6365448	2	
10_320	040820			2	
10_321	040820	1547856	6365448	2	
10_322	040820	1547846	6365447	2	
10_323	040820	1547836	6365446	2	
10_324	040820	1547828	6365448	2	
10_325	040820	1547819	6365447	2	
10_326	040820	1547809	6365450	2	
10_327	040820	1547800	6365456	2	
10_328	040820	1547790	6365458	2	
10_329	040820	1547780	6365461	2	
10_330	040820	1547770	6365465	2	
10_331	040820	1547762	6365467	2	
10_332	040820	1547755	6365472	2	
10_333	040820	1547748	6365478	2	
10_334	040820	1547739	6365482	2	
10_335	040820	1547731	6365486	2	
10_336	040820	1547723	6365493	2	
10_337	040820	1547717	6365499	2	
10_338	040820	1547710	6365504	2	
10_339	040820	1547703	6365510	2	
10_340	040820	1547698	6365517	2	
10_341	040820	1547689	6365522	2	
10_342	040820	1547684	6365529	2	
10_343	040820	1547678	6365534	2	
10_344	040820	1547671	6365539	2	
10_345	040820	1547663	6365546	2	Tributary from the south, dry channel (photo)
10_346	040820	1547659	6365554	2	
10_347	040820	1547652	6365558	2	
10_348	040820	1547646	6365565	2	
10_349	040820	1547639	6365572	2	
10_350	040820	1547631	6365577	2	
10_351	040820	1547624	6365583	2	
10_352	040820	1547615	6365589	2	

10_353	040820	1547606	6365594	2	
10_354	040820	1547598	6365597	2	
10_355	040820	1547587	6365602	2	
10_356	040820	1547579	6365607	2	
10_357	040820	1547568	6365614	2	
10_358	040820	1547557	6365619	2	
10_359	040820	1547544	6365622	2	
10_360	040820	1547534	6365623	2	
10_361	040820	1547526	6365622	2	
10_362	040820	1547518	6365621	2	
10_363	040820	1547508	6365622	2	
10_364	040820	1547500	6365621	2	
10_365	040820	1547490	6365620	2	
10_366	040820	1547480	6365617	2	
10_367	040820	1547469	6365615	2	
10_368	040820	1547459	6365613	2	
10_369	040820	1547450	6365612	2	
10_370	040820	1547440	6365610	2	
10_371	040820	1547433	6365613	2	
10_372	040820			2	Concrete pipe (tributary) enters into the channel; D: 0.3 (photo)
10_373	040820	1547413	6365609	2	
10_374	040820	1547404	6365609	2	
10_375	040820	1547395	6365611	2	
10_376	040820	1547386	6365612	2	
10_377	040820	1547375	6365614	2	
10_378	040820	1547366	6365622	2	
10_379	040820	1547356	6365623	2	
10_380	040820	1547347	6365624	2	
10_381	040820	1547339	6365625	2	
10_382	040820	1547330	6365628	2	
10_383	040820	1547320	6365630	2	A soil bank with vegetation growth in the mittle of the channel (L: 5.0)
10_384	040820	1547310	6365632	2	
10_385	040820	1547301	6365629	2	
10_386	040820	1547293	6365624	2	

10_387	040820	1547283	6365627	2	
10_388	040820	1547275	6365630	2	
10_389	040820	1547268	6365633	2	
10_390	040820	1547259	6365634	2	
10_391	040820	1547252	6365639	2	A tributary from the north with a depth of 0.2 m (photo)
10_392	040820	1547245	6365643	2	
10_393	040820			2	
10_394	040820	1547227	6365649	2	
10_395	040820	1547219	6365649	2	
10_396	040820	1547211	6365649	2	
10_397	040820	1547202	6365649	2	
10_398	040820	1547193	6365651	2	
10_399	040820	1547183	6365653	2	
10_400	040820	1547174	6365656	2	
10_401	040820	1547165	6365659	2	
10_402	040820	1547157	6365661	2	
10_403	040820	1547148	6365665	2	
10_404	040820	1547140	6365666	2	
10_405	040820	1547131	6365668	2	
10_406	040820	1547122	6365670	2	
10_407	040820	1547114	6365671	2	
10_408	040820	1547104	6365675	2	
10_409	040820	1547096	6365679	2	
10_410	040820	1547087	6365681	2	
10_411	040820	1547079	6365683	2	
10_412	040820	1547070	6365685	2	
10_413	040820	1547061	6365688	2	
10_414	040820	1547053	6365689	2	
10_415	040820	1547044	6365692	2	A tributary from the south, dry channel (photo)
10_416	040820	1547035	6365694	2	
10_417	040820	1547026	6365696	2	
10_418	040820	1547018	6365699	2	
10_419	040820			2	
10_420	040820			2	

10_421	040820			2	
10_422	040820			2	
10_423	040820	1546974	6365710	2	
10_424	040820			2	
10_425	040820			2	
10_426	040820			2	
10_427	040820	1546937	6365724	2	
10_428	040820	1546927	6365723	2	
10_429	040820	1546918	6365721	2	
10_430	040820	1546909	6365722	2	
10_431	040820	1546902	6365721	2	
10_432	040820	1546894	6365725	2	
10_433	040820			2	
10_434	040820			2	
10_435	040820			2	
10_436	040820			2	A pond (L: 3.0 B: 2.0 depth: 0.6). Streaming water in the outflow
10_437	040820	1546849	6365747	2	
10_438	040820			2	
10_439	040820	1546840	6365764	2	
10_440	040820	1546836	6365773	2	
10_441	040820			2	
10_442	040820			2	A dam: F: 0.10 in B: 0.35 m and F: 0.20 the rest of the channel width. (photo)
10_443	040820	1546835	6365801	2	Small “pond” (D: 0.4 m), cobbles in the upstream end
10_444	040820			2	
10_445	040820	1546819	6365811	2	
10_446	040820			2	
10_447	040820			2	
10_448	040820			2	
10_449	040820			2	
10_450	040820			2	Road, gravel. D: 4.10×3.0 (vault), L: 3.0 F: 0 (photo)
10_451	040820	1546767	6365829	2	
10_452	040820	1546757	6365829	2	
10_453	040820	1546749	6365831	2	
10_454	040820	1546742	6365832	2	

10_455	040820	1546735	6365839	2	
10_456	040820			2	
10_457	040820			2	
10_458	040820			2	
10_459	040820			2	
10_460	040820			2	
10_461	040820			2	
10_462	040820			2	
10_463	040820			2	
10_464	040820	1546692	6365890	2	
10_465	040820			2	
10_466	040820			2	
10_467	040820	1546665	6365895	2	
10_468	040820	1546655	6365898	2	
10_469	040820	1546644	6365900	2	Tributary from the south
10_470	040820			2	Site suitable for electro-fishing
10_471	040820			2	Site suitable for electro-fishing
10_472	040820			2	Site suitable for electro-fishing
10_473	040820			2	Tributary from the south
10_474	040820	1546596	6365879	2	
10_475	040820	1546588	6365874	2	
10_476	040820	1546579	6365869	2	
10_477	040820	1546570	6365865	2	
10_478	040820	1546562	6365862	2	
10_479	040820	1546553	6365860	2	
10_480	040820	1546544	6365857	2	
10_481	040820	1546536	6365855	2	
10_482	040820	1546527	6365852	2	
10_483	040820	1546518	6365849	2	
10_484	040820	1546509	6365846	2	
10_485	040820	1546500	6365844	2	
10_486	040820	1546492	6365840	2	
10_487	040820	1546483	6365838	2	
10_488	040820	1546476	6365837	2	

10_489	040820	1546466	6365834	2	
10_490	040820	1546458	6365829	2	
10_491	040820			2	
10_492	040820			2	
10_493	040820			2	Tributary from the south, dry channel
10_494	040820	1546421	6365838	2	
10_495	040820	1546411	6365839	2	
10_496	040820	1546400	6365840	2	
10_497	040820	1546390	6365841	2	
10_498	040820	1546380	6365842	2	
10_499	040820	1546371	6365846	2	
10_500	040820	1546363	6365848	2	
10_501	040820	1546354	6365851	2	
10_502	040820	1546344	6365848	2	
10_503	040820	1546336	6365848	2	
10_504	040820	1546327	6365848	2	
10_505	040820	1546318	6365847	2	
10_506	040820	1546309	6365844	2	
10_507	040820	1546301	6365841	2	
10_508	040820	1546292	6365845	2	
10_509	040820	1546284	6365850	2	
10_510	040820	1546275	6365856	2	
10_511	040820	1546268	6365861	2	
10_512	040820	1546259	6365866	2	
10_513	040820	1546253	6365870	2	
10_514	040820	1546245	6365876	2	
10_515	040820	1546237	6365880	2	
10_516	040820	1546228	6365884	2	
10_517	040820	1546220	6365887	2	
10_518	040820	1546213	6365893	2	
10_519	040820	1546203	6365895	2	
10_520	040820	1546194	6365899	2	
10_521	040820			2	
10_522	040820	1546179	6365911	2	

10_523	040821	1546169	6365913	2	(photo)
10_524	040821			2	
10_525	040821			2	
10_526	040821	1546141	6365928	2	
10_527	040821	1546131	6365929	2	
10_528	040821			2	
10_529	040821	1546114	6365934	2	
10_530	040821	1546104	6365937	2	
10_531	040821			2	
10_532	040821			2	
10_533	040821			2	
10_534	040821	1546067	6365952	2	
10_535	040821	1546059	6365955	2	
10_536	040821			2	
10_537	040821			2	
10_538	040821			2	
10_539	040821			2	
10_540	040821			2	
10_541	040821	1546009	6365980	2	
10_542	040821	1546001	6365989	2	
10_543	040821	1545993	6365990	2	
10_544	040821			2	
10_545	040821			2	Road, gravel. D: 6.0×4.5 (vault), L: 4.7 F: 0 (photo)
10_546	040821				This section, of approx 3,920 m long, was not investigated
10_547	040821	1543284	6367894	2	A wooden bridge constructed for pedestrian H: 1.40, L: 5.0 B: 1.20
10_548	040821	1543273	6367898	2	
10_549	040821	1543267	6367905	2	
10_550	040821	1543263	6367913	2	
10_551	040821	1543258	6367923	2	
10_552	040821	1543249	6367930	2	(photo)
10_553	040821	1543240	6367933	2	
10_554	040821	1543230	6367938	2	
10_555	040821	1543222	6367943	2	
10_556	040821	1543215	6367951	2	

10_557	040821	1543208	6367957	2	
10_558	040821	1543199	6367963	2	
10_559	040821	1543189	6367968	2	
10_560	040821	1543180	6367973	2	Tributary, nearly dry (photo)
10_561	040821	1543171	6367976	2	
10_562	040821	1543161	6367981	2	
10_563	040821	1543152	6367986	2	
10_564	040821	1543144	6367991	2	
10_565	040821	1543136	6367995	2	
10_566	040821	1543130	6368001	2	
10_567	040821	1543122	6368005	2	
10_568	040821	1543119	6368016	2	
10_569	040821	1543112	6368019	2	
10_570	040821	1543105	6368024	2	
10_571	040821	1543096	6368029	2	
10_572	040821	1543088	6368033	2	
10_573	040821	1543080	6368038	2	
10_574	040821	1543072	6368042	2	
10_575	040821	1543064	6368047	2	
10_576	040821	1543056	6368051	2	Road covered with grass. The stream runs through a pipe D: 1.0, L: 7.0 F: 0 (photo)
10_577	040821	1543048	6368054	2	
10_578	040821	1543039	6368054	2	
10_579	040821	1543032	6368059	2	
10_580	040821	1543025	6368063	2	
10_581	040821	1543018	6368069	2	
10_582	040821	1543010	6368073	2	
10_583	040821	1543002	6368079	2	
10_584	040821	1542994	6368084	2	
10_585	040821	1542987	6368089	2	
10_586	040821	1542980	6368094	2	
10_587	040821	1542972	6368099	2	
10_588	040821	1542964	6368106	2	
10_589	040821	1542956	6368108	2	
10_590	040821	1542950	6368113	2	

10_591	040821	1542943	6368120	2	
10_592	040821	1542936	6368124	2	
10_593	040821	1542929	6368130	2	
10_594	040821	1542920	6368135	2	
10_595	040821	1542914	6368142	2	
10_596	040821	1542908	6368146	2	
10_597	040821	1542899	6368150	2	
10_598	040821			2	
10_599	040821			2	
10_600	040821			2	
10_601	040821	1542869	6368170	2	
10_602	040821			2	
10_603	040821	1542855	6368181	2	
10_604	040821	1542849	6368186	2	
10_605	040821			2	
10_606	040821	1542835	6368195	2	
10_607	040821	1542827	6368202	2	
10_608	040821	1542818	6368207	2	
10_609	040821	1542811	6368212	2	A dry tributary
10_610	040821	1542804	6368218	2	
10_611	040821	1542797	6368227	2	
10_612	040821	1542791	6368231	2	
10_613	040821	1542785	6368237	2	
10_614	040821	1542777	6368241	2	
10_615	040821	1542768	6368245	2	
10_616	040821	1542764	6368251	2	Road covered with grass. The stream runs through a pipe (D: 1.2, L: 6.5 F: 0, photo)
10_617	040821	1542758	6368255	2	Road covered with grass. The stream runs through a pipe
10_618	040821	1542752	6368259	2	
10_619	040821	1542745	6368265	2	
10_620	040821	1542746	6368273	2	
10_621	040821	1542741	6368283	2	
10_622	040821	1542741	6368291	2	
10_623	040821	1542741	6368299	2	
10_624	040821	1542734	6368305	2	

10_625	040821	1542726	6368309	2	
10_626	040821	1542716	6368315	2	
10_627	040821	1542708	6368322	2	A dam B: 3.5 F: 0.4 BUT approx a 0.5 m opening under the surface, where the water runs through (photo)
10_628	040821	1542700	6368323	2	
10_629	040821	1542693	6368327	2	
10_630	040821	1542686	6368329	2	
10_631	040821	1542678	6368332	2	
10_632	040821	1542669	6368336	2	
10_633	040821	1542662	6368338	2	
10_634	040821	1542654	6368341	2	
10_635	040821	1542646	6368344	2	
10_636	040821	1542636	6368346	2	
10_637	040821	1542628	6368349	2	
10_638	040821	1542619	6368353	2	
10_639	040821	1542610	6368352	2	
10_640	040821	1542603	6368358	2	
10_641	040821	1542595	6368361	2	
10_642	040821	1542588	6368365	2	
10_643	040821	1542579	6368369	2	
10_644	040821	1542572	6368372	2	
10_645	040821	1542564	6368373	2	
10_646	040821	1542553	6368372	2	
10_647	040821	1542547	6368378	2	
10_648	040821	1542539	6368383	2	
10_649	040821	1542526	6368385	2	
10_650	040821	1542518	6368389	2	
10_651	040821	1542510	6368396	2	
10_652	040821	1542502	6368399	2	
10_653	040821			2	
10_654	040821			2	
10_655	040821			2	
10_656	040821			2	
10_657	040821			2	
10_658	040821	1542455	6368423	2	

10_659	040821	1542443	6368422	2	
10_660	040821	1542436	6368426	2	
10_661	040821	1542429	6368431	2	
10_662	040821	1542421	6368437	2	
10_663	040821	1542412	6368438	2	
10_664	040821	1542403	6368440	2	
10_665	040821	1542399	6368448	2	Road, asphalt. A bridge with; H: 1.45 B: 1.45, L: 6.10
10_666	040821	1542399	6368457	2	Three pipes (H: 0.67) above the channeL: Two of them with D: 0.3 and one with D: 0.1 m (photo)
10_667	040821	1542393	6368463	2	
10_668	040821	1542382	6368460	2	
10_669	040821			2	
10_670	040821	1542361	6368459	2	
10_671	040821	1542354	6368464	2	
10_672	040821	1542345	6368465	2	
10_673	040821	1542336	6368463	2	
10_674	040821	1542326	6368466	2	
10_675	040821	1542318	6368468	2	
10_676	040821	1542309	6368471	2	
10_677	040821	1542299	6368473	2	
10_678	040821	1542291	6368475	2	
10_679	040821	1542282	6368479	2	
10_680	040821	1542274	6368482	2	
10_681	040821	1542265	6368482	2	
10_682	040821	1542256	6368485	2	
10_683	040821	1542249	6368486	2	
10_684	040821	1542240	6368486	2	
10_685	040821	1542231	6368488	2	
10_686	040821	1542221	6368488	2	
10_687	040821	1542211	6368491	2	
10_688	040821	1542203	6368492	2	
10_689	040821	1542194	6368493	2	
10_690	040821	1542185	6368494	2	
10_691	040821	1542177	6368496	2	
10_692	040821	1542167	6368496	2	Tributary from south, dry channel

10_693	040821	1542158	6368497	2
10_694	040821	1542149	6368500	2
10_695	040821	1542141	6368501	2
10_696	040821	1542133	6368507	2
10_697	040821	1542123	6368508	2
10_698	040821	1542114	6368505	2
10_699	040821	1542104	6368506	2
10_700	040821	1542095	6368509	2
10_701	040821	1542087	6368509	2
10_702	040821	1542079	6368510	2
10_703	040821	1542069	6368511	2
10_704	040821	1542061	6368512	2
10_705	040821	1542053	6368513	2
10_706	040821	1542043	6368514	2
10_707	040821	1542035	6368517	2
10_708	040821	1542026	6368517	2
10_709	040821	1542017	6368519	2
10_710	040821	1542009	6368521	2
10_711	040821	1542001	6368522	2
10_712	040821	1541991	6368524	2
10_713	040821	1541982	6368526	2
10_714	040821	1541972	6368527	2
10_715	040821	1541963	6368528	2
10_716	040821	1541954	6368530	2
10_717	040821	1541946	6368530	2
10_718	040821	1541937	6368531	2
10_719	040821	1541927	6368532	2
10_720	040821	1541918	6368533	2
10_721	040821	1541909	6368534	2
10_722	040821	1541900	6368536	2
10_723	040821	1541891	6368538	2
10_724	040821	1541883	6368538	2
10_725	040821	1541874	6368540	2
10_726	040821	1541865	6368542	2

Road between agriculture fields covered with grass. The stream runs through a pipe D: 1.0, L: 7.3 F: 0 (photo) (photo)

10_727	040821	1541856	6368543	2	
10_728	040821	1541847	6368545	2	
10_729	040821	1541837	6368547	2	
10_730	040821	1541828	6368547	2	
10_731	040821	1541818	6368548	2	
10_732	040821	1541809	6368549	2	
10_733	040821	1541800	6368550	2	
10_734	040821	1541790	6368552	2	
10_735	040821	1541781	6368554	2	
10_736	040821	1541770	6368555	2	
10_737	040821	1541761	6368557	2	
10_738	040821			2	
10_739	040821			2	
10_740	040821			2	
10_741	040821			2	Wooden bridge; for pedestrian H: 0.8 m, L: 4.60
10_742	040821			2	
10_743	040821			2	
10_744	040821	1541695	6368574	2	
10_745	040821	1541686	6368574	2	
10_746	040821	1541676	6368576	2	
10_747	040821	1541669	6368578	2	
10_748	040821	1541659	6368580	2	
10_749	040821	1541649	6368583	2	
10_750	040821	1541640	6368582	2	Most upstream investigated section in the main channel of River Laxemarån.
10_751	040821			2	Pasture land with horses. First section (outlet) of tributary from Lake Plittorpsgöl to River Laxemarån
10_752	040821			2	Pasture land with horses.
10_753	040821			2	Pasture land with horses.
10_754	040821			2	Pasture land with horses.
10_755	040821			2	Pasture land with horses.
10_756	040821			2	Pasture land with horses.
10_757	040821			2	Pasture land with horses.
10_758	040821			2	Pasture land with horses.
10_759	040821			2	Pasture land with horses.
10_760	040821			2	Electric fence, pasture land with horses.

10_761	040821			2	Pasture land with horses.
10_762	040821			2	Pasture land with horses.
10_763	040821			2	Pasture land with horses part of the section.
10_764	040821			2	
10_765	040821			2	
10_766	040821			2	
10_767	040821			2	
10_768	040821			2	
10_769	040821			2	Road, gravel. The stream runs through a pipe D: 0.4, L: 5.0 F: 0
10_770	040821			2	
10_771	040821			2	
10_772	040821			2	Water hose reaching into the channel
10_773	040821			2	
10_774	040821			2	Wooden bridge; H: 0.7
10_775	040821			2	
10_776	040821			2	
10_777	040821			2	
10_778	040821			2	
10_779	040821			2	
10_780	040821			2	
10_781	040821			2	
10_782	040821			2	
10_783	040821			2	Road, asphalt (E22). The stream runs through a pipe D: 1.0, L: 29.0 F: 0
10_784	040821			2	Road, asphalt (E22)
10_785	040821			2	Road, asphalt (E22)
10_786	040821			2	Water hose entering the channel D: 0.07 m
10_787	040821			2	
10_788	040821			2	
10_789	040821			2	
10_790	040821			2	
10_791	040821			2	
10_792	040821			2	The outlet from Lake Plittorpsgöl
23_1	040822	1553544	6367448	2	Outlet to the sea. Delta with sand and wood; one main channel. A barrier to migratory fish. (photo)
23_2	040822	1553534	6367451	2	

23_3	040822	1553525	6367449	2	
23_4	040822	1553517	6367445	2	
23_5	040822	1553507	6367440	2	
23_6	040822	1553497	6367440	2	
23_7	040822	1553490	6367436	2	
23_8	040822	1553481	6367439	2	Hydrological station. Dam F: 0.39. Pond B: 2.20, L: 2.0 D: 0.30 m. (photo)
23_9	040822	1553473	6367441	2	Ravine, D: 2–3 m
23_10	040822	1553466	6367446	2	Ravine, D: 2–3 m
23_11	040822	1553458	6367446	2	Ravine, D: 2–3 m
23_12	040822	1553449	6367445	2	Ravine, D: 2–3 m (photo)
23_13	040822	1553440	6367443	2	Ravine, D: 2–3 m
23_14	040822	1553434	6367450	2	Ravine, D: 2–3 m
23_15	040822	1553426	6367457	2	Ravine, D: 2–3 m
23_16	040822	1553422	6367464	2	Ravine, D: 2–3 m
23_17	040822	1553412	6367468	2	Ravine, D: 2–3 m
23_18	040822	1553402	6367470	2	Ravine, D: 2–3 m. A road covered with grass. The stream runs through a pipe D: 0.4, L: 10.0 F: 0.1 (photo)
23_19	040822	1553395	6367476	2	Ravine, D: 2–3 m. A road covered with grass. The stream runs through a pipe
23_20	040822	1553385	6367478	2	Ravine, D: 2–3 m
23_21	040822	1553376	6367478	2	Ravine, D: 2–3 m
23_22	040822	1553366	6367476	2	Ravine, D: 2–3 m
23_23	040822	1553357	6367476	2	Ravine, D: 2–3 m
23_24	040822	1553347	6367475	2	Ravine, D: 2–3 m
23_25	040822	1553338	6367473	2	Ravine, D: 2–3 m
23_26	040822	1553332	6367468	2	Ravine, D: 2–3 m
23_27	040822	1553326	6367460	2	Ravine, D: 2–3 m
23_28	040822	1553320	6367456	2	Ravine, D: 2–3 m
23_29	040822	1553312	6367450	2	Ravine, D: 2–3 m
23_30	040822	1553306	6367444	2	Ravine, D: 2–3 m continues with D: 0.5–1.0 m.
23_31	040822	1553299	6367438	2	
23_32	040822	1553289	6367439	2	
23_33	040822	1553279	6367440	2	
23_34	040822	1553269	6367442	2	
23_35	040822	1553259	6367444	2	
23_36	040822	1553249	6367445	2	

23_37	040822	1553239	6367446	2	
23_38	040822	1553229	6367446	2	
23_39	040822	1553221	6367447	2	
23_40	040822	1553213	6367450	2	
23_41	040822	1553204	6367451	2	
23_42	040822	1553195	6367451	2	
23_43	040822	1553186	6367450	2	
23_44	040822			2	
23_45	040822			2	
23_46	040822			2	
23_47	040822			2	
23_48	040822			2	
23_49	040822			2	
23_50	040822			2	Tributary from north, dry channel
23_51	040822			2	
23_52	040822			2	
23_53	040822			2	
23_54	040822	1553076	6367449	2	
23_55	040822	1553066	6367453	2	
23_56	040822	1553057	6367457	2	
23_57	040822	1553049	6367462	2	
23_58	040822	1553040	6367466	2	
23_59	040822	1553030	6367463	2	
23_60	040822	1553020	6367460	2	
23_61	040822	1553009	6367457	2	
23_62	040822	1552999	6367456	2	
23_63	040822	1552990	6367461	2	
23_64	040822	1552980	6367457	2	Dense spruce-forest
23_65	040822			2	Dense spruce-forest
23_66	040822			2	Dense spruce-forest
23_67	040822	1552956	6367436	2	
23_68	040822			2	
23_69	040822			2	
23_70	040822			2	

23_71	040822			2	
23_72	040822			2	
23_73	040822	1552912	6367396	2	
23_74	040822	1552902	6367395	2	
23_75	040822			2	
23_76	040822	1552881	6367397	2	
23_77	040822			2	
23_78	040822	1552870	6367383	2	
23_79	040822	1552864	6367373	2	
23_80	040822	1552856	6367366	2	
23_81	040822	1552853	6367356	2	
23_82	040822	1552850	6367346	2	
23_83	040822	1552843	6367338	2	
23_84	040822	1552837	6367331	2	
23_85	040822	1552830	6367324	2	
23_86	040822	1552822	6367317	2	
23_87	040822	1552821	6367308	2	
23_88	040822	1552815	6367300	2	
23_89	040822	1552810	6367291	2	
23_90	040822			2	
23_91	040822	1552799	6367275	2	
23_92	040822	1552791	6367268	2	
23_93	040822	1552792	6367258	2	
23_94	040822			2	
23_95	040822	1552776	6367246	2	
23_96	040822	1552776	6367236	2	
23_97	040822	1552770	6367226	2	
23_98	040822			2	
23_99	040822			2	The stream changes direction, 90 degrees south
23_100	040822			2	
23_101	040822			2	Road, gravel. The stream runs through a pipe D: 0.4, L: 5.0 F: 0 (photo)
23_102	040822	1552760	6367183	2	Last (most upstream) investigated section of the stream. Ditches in two directions from this point.
24_1	040822	1552309	6367440	2	Outlet to the sea
24_2	040822	1552308	6367430	2	

24_3	040822	1552309	6367421	2	
24_4	040822	1552308	6367413	2	
24_5	040822	1552314	6367406	2	Ravine, D: approx 2 m
24_6	040822	1552321	6367399	2	Ravine, D: approx 2 m
24_7	040822	1552329	6367394	2	Ravine, D: approx 2 m
24_8	040822	1552332	6367385	2	Ravine, D: approx 2 m
24_9	040822	1552331	6367375	2	Ravine, D: approx 2 m
24_10	040822	1552330	6367366	2	Ravine, D: approx 2 m
24_11	040822	1552330	6367357	1	Ravine, D: approx 2 m
24_12	040822	1552329	6367347	1	Ravine, D: approx 2 m
24_13	040822	1552320	6367342	1	Ravine, D: approx 2 m
24_14	040822	1552316	6367334	1	Ravine, D: approx 2 m
24_15	040822	1552323	6367325	1	Ravine, D: approx 2 m
24_16	040822	1552318	6367315	1	
24_17	040822	1552307	6367312	1	
24_18	040822	1552298	6367306	1	
24_19	040822	1552294	6367298	2	
24_20	040822	1552290	6367289	2	
24_21	040822	1552286	6367279	2	
24_22	040822	1552285	6367269	2	
24_23	040822	1552280	6367260	2	
24_24	040822			2	Tributary from the west, dry channel
24_25	040822			2	
24_26	040822	1552281	6367232	2	
24_27	040822	1552285	6367224	2	This section has a length of five m
24_28	040822	1552288	6367216		Last (most upstream) investigated section of the stream.
25_1	040818	1552053	6366896	0	This section starts 26 m from the sea. The outlet runs under a road (asphalt) to the sea, no pipes were found, barrier to migratory fish. (2 photos)
25_2	040818	1552065	6366893	0	
25_3	040818	1552074	6366889	0	
25_4	040818	1552080	6366885	0	
25_5	040818	1552087	6366882	0	
25_6	040818	1552096	6366879	0	
25_7	040818	1552102	6366883	0	

25_8	040818	1552110	6366882	0	
25_9	040818	1552118	6366877	0	
25_10	040818	1552128	6366873	0	Dam; F: 0.2 (hydrologal measuring station) (photo)
25_11	040818	1552138	6366870	2	Road, gravel. The stream runs through a pipe D: 0.4×0.5, L: 3.0 F: 0 (two photos)
25_12	040818	1552148	6366871	2	
25_13	040818	1552163	6366866	2	
25_14	040818	1552176	6366866	2	
25_15	040818	1552186	6366866	2	
25_16	040818	1552197	6366869	2	
25_17	040818	1552208	6366870	2	
25_18	040818	1552215	6366872	2	
25_19	040818	1552227	6366869	2	
25_20	040818	1552236	6366866	2	
25_21	040818	1552247	6366862	2	Tributary from north, dry channel
25_22	040818	1552258	6366855	2	
25_23	040818	1552269	6366855	2	
25_24	040818	1552281	6366853	2	
25_25	040818	1552295	6366852	2	
25_26	040818	1552305	6366857	2	
25_27	040818			2	
25_28	040818	1552325	6366852	2	
25_29	040818	1552335	6366852	2	
25_30	040818	1552345	6366854	2	
25_31	040818	1552355	6366861	2	
25_32	040818	1552367	6366859	2	
25_33	040818	1552376	6366866	2	
25_34	040818	1552385	6366868	2	
25_35	040818	1552395	6366872	2	
25_36	040818	1552403	6366865	2	
25_37	040818	1552412	6366866	2	
25_38	040818	1552421	6366869	2	Road, gravel. The stream runs through a pipe D: 0.28, L: 8.5 F: 0 (two photos)
25_39	040818	1552430	6366868	2	
25_40	040818			2	
25_41	040818			2	

25_42	040818	1552456	6366875	2	
25_43	040818			2	
25_44	040818	1552472	6366888	2	
25_45	040818	1552478	6366895	2	
25_46	040818	1552486	6366898	2	
25_47	040818	1552500	6366903	2	
25_48	040818	1552512	6366902	2	
25_49	040818	1552519	6366898	2	
25_50	040818	1552528	6366896	2	
25_51	040818	1552538	6366893	2	
25_52	040818	1552540	6366883	2	
25_53	040818	1552546	6366877	2	
25_54	040818	1552550	6366868	2	
25_55	040818	1552555	6366860	2	
25_56	040818			2	
25_57	040818	1552540	6366845	2	
25_58	040818	1552538	6366838	2	
25_59	040818	1552538	6366824	2	Road, gravel. The stream runs through a pipe D: 0.28, L: 6.2 F: 0 (three photos)
25_60	040818	1552541	6366816	2	
25_61	040818	1552539	6366807	2	
25_62	040818	1552538	6366796	2	
25_63	040818	1552534	6366789	2	
25_64	040818	1552532	6366778	2	
25_65	040818	1552534	6366768	2	
25_66	040818	1552533	6366759	2	Last (most upstream) investigated section for the stream
25_67	040818	1552534	6366752		End coordinate for the stream
26_1	040822	1552756	6366594	2	Outlet to the sea (photo)
26_2	040822	1552747	6366598	2	
26_3	040822	1552740	6366605	2	
26_4	040822	1552730	6366609	2	
26_5	040822	1552719	6366608	2	
26_6	040822	1552708	6366605	2	Hydrological stn: 2.0×2.0 m water in the “pond”. F: 0.49 (photo)
26_7	040822	1552698	6366607	2	
26_8	040822	1552688	6366611	2	

26_9	040822	1552678	6366611	2	
26_10	040822	1552667	6366612	2	
26_11	040822	1552659	6366608	2	
26_12	040822	1552650	6366607	2	
26_13	040822	1552639	6366606	2	Tributary from the north, dry channel
26_14	040822	1552631	6366603	2	
26_15	040822	1552626	6366594	2	Road covered with grass. The stream runs through a pipe D: 0.4, L: 5.9 F: 0.2 (photo)
26_16	040822	1552620	6366586	2	
26_17	040822	1552615	6366580	2	Ravine, D: 2.5 m
26_18	040822	1552607	6366576	2	Ravine, D: 2.5 m
26_19	040822	1552597	6366576	2	Ravine, D: 2.5 m
26_20	040822	1552588	6366577	2	Ravine, D: 2.5 m
26_21	040822	1552581	6366583	2	Ravine, D: 2.5 m
26_22	040822	1552574	6366587	2	Ravine, D: 2.5 m
26_23	040822	1552569	6366595	2	Ravine, D: 2.5 m
26_24	040822	1552566	6366605	2	Ravine, D: 2.5 m
26_25	040822	1552561	6366612	2	Ravine, D: 2.5 m
26_26	040822	1552554	6366618	2	Ravine, D: 2.5 m
26_27	040822	1552547	6366623	2	Tributary from the north, dry channel
26_28	040822	1552539	6366626	2	
26_29	040822	1552529	6366628	2	
26_30	040822	1552519	6366626	2	
26_31	040822	1552511	6366628	2	
26_32	040822	1552502	6366631	2	
26_33	040822	1552493	6366634	2	Tributaries from south and north, both of them dry
26_34	040822	1552484	6366635	2	
26_35	040822	1552474	6366636	2	
26_36	040822	1552464	6366636	2	
26_37	040822	1552454	6366637	2	
26_38	040822	1552445	6366638	2	Groundwater pipes installed, 4 m from the stream (photo)
26_39	040822	1552435	6366639	2	Tributary from the north, dry channel
26_40	040822	1552425	6366640	2	Two groundwater pipes installed, 10 m from the stream (photo)
26_41	040822	1552416	6366642	2	
26_42	040822	1552406	6366642	2	

26_43	040822	1552397	6366640	2	
26_44	040822	1552387	6366636	2	
26_45	040822	1552383	6366626	2	
26_46	040822	1552377	6366618	1	The stream is running through some bedrock in a ravine (L: 7 m, D: 1.4 m)
26_47	040822	1552369	6366611	2	
26_48	040822	1552361	6366605	2	
26_49	040822	1552352	6366602	2	
26_50	040822	1552344	6366597	2	Tributary from north, dry channel
26_51	040822	1552342	6366588	2	
26_52	040822	1552343	6366577	2	
26_53	040822	1552342	6366567	2	
26_54	040822	1552339	6366557	2	
26_55	040822	1552338	6366547	2	
26_56	040822	1552337	6366536	2	
26_57	040822	1552331	6366527	2	
26_58	040822	1552322	6366524	2	
26_59	040822	1552312	6366523	2	
26_60	040822	1552300	6366524	2	
26_61	040822	1552290	6366522	2	
26_62	040822	1552281	6366522	2	Last (most upstream) investigated section for the stream
26_63	040822	1552273	6366521		End coordinate for the stream