

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Boliden, Aitikgruvan <i>Boliden, Aitik mine</i>	Gällivare	Gällivare	7451000	1724000	Mine and heap	Mining	1	Initiation	Several sub-items. EBH-plane are investigated. Boliden Mineral implements MIFO 1st (Number 1 on the top 10 list). Cu	Metals, Hazardous Substances
Ala Lombolo (sediment)	Kiruna	Kiruna	7533544	1686961		Other	1	Main study	Main study and risk assessment completed 2008. The defense has identified dumped ammunition. (Number 2 on the top 10 list). Hg. Ala Lombolo is a lake in Northern Sweden. It is poisoned by 200kg of mercury from the surrounding industries, particularly a lab and dental clinic. In addition, the armed forces dumped sediments containing ammunition into the lake in the 1950s. It is currently Norrbotten's most heavily polluted lake. Mercury, even in small amounts, degenerates ecosystems, particularly aquatic ecosystems. It is also harmful to humans. Possible restoration projects are being investigated but the extent of the pollution makes and remediation difficult.	Metals
Nautanens gruvfält <i>Nautanen pits</i>	Gällivare	Gällivare	7464447	1719425	Mine and heap	Mining		Preparati 2 on	One of the largest of the oldest Copper Mines. In operation from 1902 to 1908, copper and approximately 140000 tons of zinc was mined for over 85 years. Content of pollution was about 30 times higher than normal, and even the levels of cadmium, and sulfur are increased. Permit application for remediation of water. Nautanen copper mine was in activity from 1902-1908. In connection with the mine a new thriving community started with residential as well as industrial buildings. The workforce consisted of more than a hundred people. The business went into bankruptcy in 1908, on leaving Nautanen society depopulated the area and the buildings were transported away. Tailings have remained intact and exposed to weather conditions. The weathering processes has released metals and acidifying substances in the area leading extensive adverse environmental impacts. An environmental forensic examination of the area was conducted in 2001, with a risk rating under MIFO placed the object in risk class 2 Hazard Class which was decided due to the high distribution conditions which are high in all media, primarily copper and zinc. Deposit protection is considered high to very high while the sensitivity is considered moderate to large. The object is placed in risk class 2, since the area after all, is far from the building and the risk to human health is assessed as low. Nautanen pits are heritage protected and the proposed clean-up will therefore be undertaken in cooperation with representatives from the CAB cultural unity. Drainage work at Nautanen copper box was to be started in 2005. Surface Water.	Metals, PCBs - POPs

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Oljedepåområde, Gällivare Oil Depot Area, Gällivare	Gällivare	Gällivare	7458376	1709763	Oil Depot	Oil		Exploratory 2	Includes several buildings including head offices. On a voluntary basis, some investigations carried out.	Hydrocarbons
LKAB, Kiruna	Kiruna	Kiruna	7535000	1684500	Mine and heap	Mining		Exploratory 2	Several sub-items. MIFO 1 completed (by the Executive Committee in consultation with the Ist). Measures at Captain 160th. Iron	Metals
LKAB, Malmberget	Gällivare	Malmberget	7464000	1712000	Mine and heap	Mining		Exploratory 2	Several sub-items. MIFO 1 completed (by the Executive Committee in consultation with the Ist). Iron LKAB's Malmberget iron ore mine is located in Gällivare, contains some 20 orebodies spread over an underground area of about 5 by 2.5km. Seven are currently being exploited. Mining since 1892, over 350Mt of ore. In 2006, Malmberget produced around one third of LKAB's total production of 23.3Mt of iron-ore products.	Metals
LKAB, Svappavaara	Kiruna	Svappavaara	7514500	1721000	Mine and heap	Mining		Exploratory 2	Several sub-items. MIFO 1 completed (by the Executive Committee in consultation with CAB). Iron	Metals
HEBO-Verken (WIBE) HEBO-works (WIBE)	Jokkmokk	Jokkmokk	7395887	1679060	Coating metals	Industry		Exploratory 2	High concentrations of Zinc in the ditch (see F2510-0002). Kn has submitted WIBE the investigation, the case appealed to the CAB.	Metals

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Svappavaara koppargruva <i>Svappavaara copper mine</i>	Kiruna	Svappavaara	7515100	1719900	Mine and heap	Mining	2	Initiation	The entire top of Mine Hill is affected by ore mining. There there are some 10 mine shafts of various sizes and slag heaps scattered throughout the area. They drain mostly north of the lake Syväjärvi and further through a wetland to the stream Pruukinjoki, but because watershed runs along with Gruvberget runoff can also happen west towards Leväniemis tailings and clarification pond and eastward to Leväniemis mining area. Water flows together with Pruukinjoki runs out in Liukattijoki. The distance from mining area to the nearest recipient is over 500 meters. The distance of housing in Svappavaara is approximately 1 km. The land consists of a thin layer of moraine exposed bedrock in many places. Here and there you see Green, kopparärgade stones. On Gruvberget a plant grows that indicates copper; Fjällnejlikan also known as "copper flower". The vegetation beneath and around the mining area consists of mixed forest of spruce and birch with a ground layer of moss and rice. Distribution of soil conditions and groundwater is considered significant when mining area is located up on top of a rock with a thin layer of soil, and that the slope is relatively sharp down to surface waters. The proliferation of surface water and sediments is low. The pollution level is considered high in soil when large quantities of mines are in the warp area. The pollution level is considered also as high in the sediments, however, it is a small surface. Sensitivity and conservation value judged to be moderate in all media. Pollution, primarily copper has high hazard. The overall assessment becomes a risk class 3, moderate risk.MIFO 1 (see F2584-0011). Sulphide ore. MIFO 2 planned 2009 ANNEX 2. Cu	Metals
Gällivare bangård <i>Gällivare Yard</i>	Gällivare	Gällivare	7458089	1709328	SJ:s workshops	Other	2	Exploratory	Object priority of Banveket. Partially cleaned up. ANNEX 2. Iron	Metals
Abisko Östra bangård <i>Abisko Östra railway yard</i>	Kiruna	Abisko	7587190	1624570	SJ:s workshops	Other	2	Initiation	Object priority of Banveket. ANNEX 2. Iron	Metals
Porsi - tipp från byggtiden <i>Porsi - tip during the construction period</i>	Jokkmokk	Jokkmokk	7378400	1716150	Hydroelectric dams	Power Plants	2	Exploratory	High concentrations of metals (Pb, Al, Cd and Zn) in groundwater. Priority of Waterfall for detailed investigation and possibly action. A control program for water sampling of the landfill body and surface water is drawn. ANNEX 2. Iron	Metals

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Zetterwalls Gräv & Schakt AB	Jokkmokk	Jokkmokk	7395992	1677810	Car Care Facility garage and haulage contractors	Automotive Industry		Exploratory	In-depth surveying done. The municipality shall submit to the General Service Nord AB information on closing this site. Iron	Hydrocarbons, Metals
Bröderna Alatalos Säg & Hyvleri <i>Brothers Alatalo Saw & Planing Mill</i>	Kiruna	Saivomuotka	7578947	1804523	Wood preservation	Industry	2	Initiation	MIFO 1 (see F2584-0009). Overview investigated in 1990, MIFO 2 planned 2008. Arsenic	Hazardous Substances
Krekula & Lauri Säg <i>Krekula & Lauri Saw</i>	Pajala	Tärendö	7470920	1793450	Wood preservation	Industry	2	Initiation	MIFO 1 (see F2521-0009). Investigated 1990/1996. Risk of dioxin.	PCBs - POPs
Korpilombolo Industrihus AB	Pajala	Korpilombolo	7435281	1817839	Coating metals	Industry	2	Initiation	MIFO 1 (see F2521-0025). Unclear responsibilities, possibly orphan site. X-CH	Metals, Hazardous Substances
Jakobs knabbe	Arjeplog	Jakobs knabbe	738600	151 130	Abandoned mine	Mining			1646-1647 Silver and Lead mining. Ag/Fb	Metals
Raudurtvare gruvfält (pits)	Arjeplog	Raudurtvare	739050	151 050	Abandoned mine	Mining			Ag/Fb 1642-1646 Silver and Lead mining	Metals
Fridhem	Gällivare	Tallnäs	746100	172 250	Abandoned mine	Mining			Copper (smaller mine) 1900 <i>gold mining <50tons</i>	Metals
Juoikama	Gällivare	Gällivare	746000	172900	Abandoned mine	Mining	not risk-rated		Copper (smaller mine). Cu. The break occurred during the same period of mining at Nautanen, but probably not during the whole time. The ore was broken and shredded on the site and were likely sent to Nautanen for enrichment.	Metals
Nietsajoki	Gällivare		746350	172160	Abandoned mine	Mining			Copper (smaller mine). Cu	Metals
Snälkok	Gällivare	Sjungberget	746100	172440	Abandoned mine	Mining			Copper (smaller mine). Cu The break occurred during the same period of mining at Nautanen, but probably not during the whole time. The ore was broken and ground on the site and were likely to participate to enriching the mining at Nautanen. At Fridhem there have been organized activities and gold-panning in recent times. The mining area is located just east of the road E10, approximately 3.5 kilometers north of the northern junction Gällivare and Kiruna.	Metals
Sorvanen	Gällivare	Tallnäs	745900	172050	Abandoned mine	Mining			Copper (smaller mine). Cu	Metals

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Malmberget ?	Gällivare		746300	171000	Abandoned mine	Mining			LKAB mines iron ore in Kiruna and Malmberget, beyond Malmberget Ore deposits in Gällivare have been known since the latter half of the 1600s, but the first known service did not start until the 1730s. Until the 1800 century ore was broken only in the so-called Captain mine. Ore output was very modest until the end of 1800s when dajarnvagen was built. From the beginning there was the break in the pits, but from the 1920s a very open-cast mining opened at Jiten role in Gällivare (Hansson 1987). Between 1888 and 1968 around 140 million tonnes of ore was produced in Malmberget (Grip & Frietsch 1973). AB Gällivare malmflit acquired in the late 1890s, holds the majority of LKAB (Hansson 1987), and Malmberget deposits have since been required by LKAB, which still carries large-scale mining in the Ore Hill. The area is drained to Lina subsoil, which flows to the Kalixalvens basin. Fe.	Metals
Kvikkjokks hytta (smelting house)	Jokkmokk	Kvikkjokk	742900	151 900	Abandoned mine	Mining			* Ag-hyt	Metals
Flakabergets pebmatitbrott	Jokkmokk	Flakaberget	738 930	166800	Abandoned mine	Mining			1934-1943 ... 1950 extracted 33 000 tonnes of quartz.	Metals
Alkavare gruvfält (pits)	Jokkmokk	Alkavare	747260	155980	Abandoned mine	Mining			Ag/Fb Ancient deposit for objects. Alkavat became operational in 1691	Hazardous Substances
Kvikkjokkfjällen Juonkatjåkko	Jokkmokk		746000	155 100	Abandoned mine	Mining			Ag/Fb deposits left from silver production 1657-1702	Metals
Lanjek blyfyndighet (lead deposit)	Jokkmokk	Lanjek	747500	156200	Abandoned mine	Mining			Ag/Fb deposits left from silver production 1657-1702	Metals
Silpatjåkko silver- och blygruva (silver and lead mine)	Jokkmokk	Silpatjåkko	745500	154770	Abandoned mine	Mining			Ag/Fb No data on waste available	Metals
Kiilavaara kopparskärpningar	Kiruna	Svappavaara Kiilavaara (Pålkem)	751 400	172000	Abandoned mine	Mining			Cu Copper mining in the 1750s. The deposit contains chalcopyrite. Water from field drains one bog area before it reaches Saha Järvi	Metals
Kovo kopparskärpningar	Kiruna	Kovo	755600	169200	Abandoned mine	Mining			Cu Copper mining from 1749 to 54	Metals
Kurravaara koppargruva (copper mine)	Kiruna	Kurravaara	754350	168900	Abandoned mine	Mining			Cu Copper Mine from 1749 to 1755.	Metals

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Pahtavaara	Kiruna	Kiruna	744250	171710	Abandoned mine	Mining			Copper Mines, narrow hut Time Periods: around 1660 to around 1682 Production from Pahtavaara mine was smelted at Leppiikoski. Cu	Metals
Sjangeli kopparfält Sjangeli copper box	Kiruna	Sjangeli	757330	160050	Abandoned mine	Mining			Treat Allakats AB Verksarnhet: Copper Mines Time periods: 1698-1702, 1749-1751, 1841-1845, 1863, 1894-1905. Cu	Metals
Svappavaara ? LKAB's mine??	Kiruna		71500	172000	Abandoned mine	Mining			Svappavaara broke in LKAB registered between 1964 and 1982 and up to 1968 were extracted where about 5 million tonnes of ore (Grip & Frietsch 1973) Watercourse appears to be clearly influenced by mining activities (see pollution report). Cu	Metals
Kotijoki hytta Kotijoki lodge	Kiruna	Svappavaara	751 550	172200	Abandoned mine	Mining			Cu-hyt Between 1657 and 1674 produced 850 tonnes of copper	Metals
	Kiruna	Vuolosjoki	754680	169230	Abandoned mine	Mining			Cu-hyt Melting ore Activities: Copper Foundry Time periods: 1699-1702, 1750-1754, 1844-1845	Metals
Kopparåsen	Kiruna	Björkliden	759900	160800	Abandoned mine	Mining			Cu/ZnIU Copper mining, Zinc Exploration, Uranium Exploration. Time Periods: 1897-1906 copper mining, 1897 to approximately 1917 copper and zinc exploration, 1963 uranium exploration. According to Adamek (1975) traces of both copper and zinc mineralization are present in the region as are traces from the 20 years after 1897. 1963 radioactive anomalies in the region and exploration after uranium was made. Some elements remain visible such as a yellow powder. (see table page 38) 6.1.2 Kopparasenorradet Anders Lundkvist (1990) noted an unusual level of cadmium and copper levels in fish in the region. Cadmium concentration in fish liver was 0.253 ug / g, copper content in fish muscles and fish liver was 0.18 ug / g and 5.68 ug / g (wet weight). Paktajakka between Paktajaure and Paktajakaluobbalah has been sampled by Claes Thuresson pa As in Sjangeli and shown to be high in cadmium: 0.7 ug / l lost phase. Suphur content is also higher than normal levels of rivers in Norrbotten: 2,57mg / llost phase (Table 6.2).	Metals
Mertainen	Kiruna		752200	170900	Abandoned mine	Mining			Fe	Metals
Leväniemi	Kiruna		751300	172000	Abandoned mine	Mining			LKAB registered between 1964 and 1982. Up until 1968 about 5 million tonnes of ore was extracted (Grip & Frietsch 1973). Fe.	Metals
Kiruna, LKAB Kiirunavaara	Kiruna	Kiruna	743300	168500	Abandoned mine	Mining			Up to 1968 BROTS 360 million tonnes ore (Grip & Frietsch 1973). Fe	Metals
Kiruna, LKAB Luossavaara	Kiruna	Kiruna	743800	168600	Abandoned mine	Mining			Fe Luossavaara is not in activity since 1967 (Grip & Frietsch 1973).	Metals
Kiruna, LKAB Tuolluvaara	Kiruna	Kiruna	743600	169000	Abandoned mine	Mining			1 Mining took place in Tuolluvaara between 1902 and 1968. 13.3 million tonnes of ore was extracted (Grip & Frietsch 1973). *Fe	Metals

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Kiruna, LKAB Rektorn	Kiruna	Kiruna	743700	168610	Abandoned mine	Mining			The Principal site continued to be mined between 1926 and 1961. 2.7 million tonnes of ore were extracted (Grip & Frietsch 1973). Fe	Metals
Kiruna, LKAB Haukivaara	Kiruna	Kiruna	743700	168670	Abandoned mine	Mining			The deposit Haukivaara began to break in the 1960s. Up to 1968 around 546,000 tonnes of ore was produced (Grip & Frietsch 1973). Fe	Metals
Kiruna, LKAB Henry	Kiruna	Kiruna	754000	168700	Abandoned mine	Mining			Deposit was discovered in the 1960s (Grip & Frietsch 1973). Quarrying continued until the end of the 80s (K Nordstrom, verbal statement). Fe	Metals
Kiruna, LKAB Nukutusvaara	Kiruna	Kiruna	744100	168700	Abandoned mine	Mining			Mining at Nukutusvaara ran from 1961 to 62. Approximately 250000 tonnes of ore levied (Nystrom et al 1976) Fe	Metals
Masugnsbyn	Kiruna	Masugnsbyn	749740	176700	Abandoned mine	Mining			Water sample from Masugnsbyn showed no REMARKABLY high levels of metallar, but sulfur content was relatively high (2.64 mg / l). The proyer taken by LKAB (Lundkvist 1993), shows that the sulfur content upstream of the mine is only slightly lower than the Information water contamination. Fe-S	Metals
Maunavaara	Pajala		748150	176350	Abandoned mine	Mining			Cu Copper deposit Copper mining. Maunavaara is not near any major rivers and is surrounded by marshes. According Tegengren (1924) the warp piles at Maunavaara are "not insignificant".	Metals
Vebkovaara	Pajala		759600	176930	Abandoned mine	Mining			Graphite mining 1955-58 In total 1 964 tonnes of graphite mined (the Swedish Official Statistics 1960, Table I).	Metals
AB Svenska Shell (fd Pol transport Gällivare) AB Swedish Shell (Former Pol Transport Gällivare)	Gällivare	Gällivare			Tank farm / Oil depot (OLJEDEP Å)	Oil		2	Dissemination conditions deemed large in both soil and groundwater because the upper section consists of filling material which is then released. Area and facility sensitivity is assessed as moderate due to temporary work. Area's conservation value is assessed as small as the area is heavily influenced by the industrial activity underway. The object is placed in risk class 2 because of the long period of operation (1958 -2001), and the large quantities of hazardous chemicals that it has handled. A environmental technical study would clarify a possible, pollution situation and could possibly provide a new categorisation.	Hydrocarbons, Hazardous Substances

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Oljehuset i Gällivare AB Oil House in Gällivare AB	Gällivare	Gällivare			Tank farm	Oil	2		The site visit was good. No trace of past activities. Earlier tanks are demolished. Distribution to soil conditions and groundwater is moderate to large as the upper layers consist of fillers. Sensitivity deemed significant for workers exposed in the field. The area's protection value is considered small because the site is in an area that is dedicated to industrial activity, which means that the environment is heavily influenced by past activities and the activities underway in the area today. The object lies between risk classes 2 and 3. The case for risk category 2 is that area is influenced by past oil depot activities as specified by the completed environmental technical study (which unfortunately was not possible to access). The object is a moderate risk to humans and the environment. An environmental technical study of the area is desirable but not urgent. The area should be examined before any transfer or sale.	Hydrocarbons
Fd Svenska BP Oljedepå Gällivare 57:5 Former Swedish BP Oil Depot Gällivare 57:5	Gällivare	Gällivare			Tank farm / Oil depot (OLJEDEP Å)	Oil	2		The area gave a very poor impression during site visit. Site was completely open. Visible traces of spillage at aboveground storage tanks and two to three open buckets with oil. Containers were all over the place some of which contained garbage. Large oil slicks, oil drums with unknown contents, car parts, batteries, etc., shows the area to be highly contaminated. The object is placed in risk class, 2. The assessment is made based on the area's checkered history, found serious pollutant concentrations in soil, and diffusion conditions in the soil and groundwater is considered significant (permeable soils). Account has been taken that the area lies within an area earmarked for industrial activities, neighbouring properties are more or less contaminated. The original natural environment is no longer existant and no groundwater extraction occurs. A survey in 1999 revealed that the area is heavily contaminated with petroleum products. The object is therefore considered to belong to risk class 2, ie. Constitute a high risk to humans and the environment.	Hydrocarbons, Metals, Hazardous substances

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Preem oljedepå Gällivare 57:3 Preem oil depot in Gällivare 57:3	Gällivare	Gällivare			Tank farm	Oil	2		<p>There are openings from the building onto a gravel plan where some rubbish and debris were scattered.</p> <p>The object is estimated to be between classes 2 - 3, But based on the precautionary principle property is assessed as high risk to humans and the environment, i.e. class 2 overrides. The assessment is made on the basis of chemical hazard, confirmed contamination in soil, high pollution levels, and long activity. The object is not expected to pose an acute risk in the current situation as it is located in an industrial area i.e. small to moderate conservation value and sensitivity for the area and that there is no groundwater extraction. This is not enough for the area to be placed in risk class 3. One should not wait too long to implement remedial action where distribution conditions are considered moderate to large due to the nature of the soil. There is a risk of further contamination from spreading. The investigation showed high levels of petroleum products. The land is therefore contaminated by petroleum products, which are classified as a high hazard.</p>	Hydrocarbons
Preem oljedepå Preem oil depot	Kiruna	Kiruna			Tank farm	Oil	2		<p>In order to get a clear picture the pollution situation operators should implement a soil survey within that part of industrial area where oil deposits exist and have existed, to have a basis for even measures.</p> <p>The object is placed in risk class 2, i.e. it constitutes a major risk for humans and environment. The area is noted sharply contaminated by the activities going on since the late 1950s. High levels of contaminated soil have been detected in the soil samples taken (0-2m). No groundwater sample has been taken. Upper layers of soil (0 -- 2.5m) consists mainly of excavated so that diffusion conditions in the soil becomes large. These, however, is bounded downwards by a more dense moraine. Area's conservation value and sensitivity is considered low to moderate as it is located in an industrial area</p>	Hydrocarbons

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NTG MILJÖ AB NTG ENVIRONMENT AB	Gällivare	Gällivare			Facilities for the reception, storage and hazardous waste treatment	Landfill/Dump	2		The previously used concrete slab is at breaking point. This means that more quantities of oil can pollute the surrounding ground. New major concrete slab is in production as of summer 2002. NTG Environment's risk class is estimated to be between a 2 or 3: Due to the area's checkered history, it is considered to have moderate to severe pollutant concentrations in the soil, its MFA activities and to diffusion conditions in the soil and groundwater is considered significant (filling soil) makes the area as a whole placed in risk class, 2. The object is considered however, not having acute mixes provided that the activity follows the advice and decisions of the provincial government and municipality. It lies within an area reserved for industrial activities with neighbouring buildings that are more or less polluted. No groundwater withdrawals will be made and that the original natural environment no longer exist which results in the area's conservation value to be considered as low. The area's sensitivity is considered moderate as workers have little exposure.	Hydrocarbons
Ex Malmfältstvädden AB Ore Field laundrying AB	Gällivare	Gällivare			Dry cleaning	Domestic	3		No dry cleaning business since 1996. The property is currently used as a sales yard of motor vehicles and an office. The property is located in an industrial area. The property was completely renovated in the takeover in 1996. Laundry Operations were carried out on the property since 1960. Dry Cleaning Operations began when the chemical Gällivare laundry (Klockaregatan 3) was purchased in 1975. Dry Cleaning Operations were conducted on the property between about 1975 to about 1996.	POPs
Record-kem AB	Gällivare	Malmberget			Dry cleaning	Domestic	3		Located in a residential area where no dry cleaning operations are currently conducted. Despite the long duration of activity it is considered as a whole to belong to risk class 3. Diffusion conditions in the soil and groundwater is considered moderate. Proliferation conditions to surface water and sediments are considered very small. Area's sensitivity assessed as moderate to large when located within a residential area.	POPs, Hazardous Substances

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Wima Miljövätt WIMA Eco Laundry	Kiruna	Kiruna			Dry cleaning	Domestic	3		With modern dry cleaning machines there have been small detergent and losses. The staff is very environmentally aware which has resulted in the handling of solvents and waste works well giving good working environment, where staff are not unnecessary exposed to solvents. plants sensitivity to human and the environment becomes large when the object is in Kiruna locality. Dissemination Circumstances in soil groundwater, and from the facility considered as a measure to be small. The solvent residue is likely to meet in the event of an environmental technology study is probably derived from previous laundry operations. WIMA Eco Laundry estimated to be between risk class 3 and 4. But based on the overall risk assessment will be risk class 3.	POPs, Hazardous Substances
Jukkasjärvi glasateljé Jukkasjärvi glass studio	Kiruna	Jukkasjärvi			Glass industry	Industry	4		Glass workshop conducted during Winter season (Nov. - April) and has a very small production, about 0,5 tonnes / year. Plant is adjacent to Jukkasjärvi Ice hotel, on the shores of Torne River. The raw material used is a so-called Environment crystal with low concentrations of harmful pollutants. Distribution of soil conditions and groundwater is considered significant in the permeable soil type. The prerequisite for dissemination to the surface will also be assessed as much as receiving water, Torne River, close to the object. The surface assumed that happen to a dilution pollution and the spread is considered low. The pollution level assumed to be significant as activity has only been conducted in small scale and only for a few years. Pollutants that might affect the environment is the small amounts of metals in the glass raw material, they have a moderate dangerousness. Glassworks is located at a tourist facility with large flow of people and therefore assessed the sensitivity of large building, land and groundwater respectively moderate surface water. Protection value considered significant for soil and groundwater as moderate for building and surface water. The combined data present a risk class 3 but because the business has operated in small scale over a few years, become the Overall assessment 4, low risk.	Metals

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Liikavaara kopparfält Liikavaara copper box	Gällivare	Liikavaara	7461800	1720800	Abandoned mine	Mining	3	Initiation	<p>The mining field is composed of at least 5 mine shafts and a dozen tightening that are scattered on Liikavaara northeastern side of one approximately 30 hectare area. The difference between broken and mince ore (Tegengren, 1924) gives that about 5 000 tonnes of overburden in the mining area. Overburdened dumps of various sizes lie outside of the many mine shafts and sharpening services. These are, to some extent overgrown, but the larger part is without vegetative cover. The Most shaft had a square aperture (about 5 * 5 meter) and went vertically down the mountain. The largest mining pit however has elongated (about 100 * 2 m) shafts is in the NNW direction. Warp is of reddish weathered iron minerals. Runoff from the area is eastwards towards myrområde with a small stream flowing through, stream flows associated with Nietsajoki about 3 km east of the road E10. The vegetation on Liikavaara consists of spruce, birch, mosses, moraine. Soil is moraine soil. The nearest residential is more than 1.5 kilometers from mining area. Dissemination of conditions deemed major because the mining the distance to the surface is far and spread to the surface is considered low. Dissemination premise and pollution level is low in surface water. The pollution level is deemed moderate to high in soil and groundwater. Sensitivity and conservation value are considered moderate for soil and groundwater and surface water. Copper, has a high dangerousness. The overall assessment is an obligor grade 3, moderate risk. (MIFO 1 (see F2523-0015). Sulphide ore. MIFO 2 planned 2009. ANNEX 2. Cu)</p>	Metals

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Ferrum (Nietsajoki)	Gällivare	Nietsajoki			Abandoned mine	Mining	4		The mining area between 1980 and the 1990s was used for gold panning camps tourist events. The camp burnt down in September 2001. Area occupies an area of about 2 500 m2 the land is covered with mine overburden and has other scattered debris for example ex. oil barrels, tables and water troughs, from time to gold panning camp was used. Mining overburden is in addition to being scattered is in high piles, approximately ranging from 20 m2 and with a volume of about 10 m3. In the area a mine shaft is about 5 * 5 m and 18 m deep and there is also a timber cottage used as a sauna to the gold panning camp. The stream flows to Imetjokki situated at the bottom edge of the area. Earth consists of moraine, and vegetation consisting of pine, spruce, willow and mosses. Dissemination conditions deemed moderate in the soil and groundwater and small in surface water. The pollution level is deemed as small in land surface due to respectively the relatively small amount of warp blast that exists on the site. Sensitivity and conservation value are considered moderate in the soil, groundwater and surface water.	Hydrocarbons, Metals
Särkivaara kopparskärpningar Särkivaara copper	Kiruna	Särkivaara	751940	172020	Abandoned mine	Mining	4		Ore mining has occurred at foot of the mountain along Särkivaara a distance of about 60 meters. The rust-red color of the bare Mount shows that the rock is weathered. Mine is an estimated surface of 60 * 10 feet along the edge the mining pit to a height of at average of 2 meters, although the warp is rust-colored. Below the field, at a distance of 30 meters, runs a small stream surrounded by marshes. The stream flows into the Liukattijoki after about 1 km. Distribution of soil conditions, ground and surface water is considered small when the land consists of moraine soil and that a myrområde located next to object. The pollution level is deemed slight to moderate in both land and water. Sensitivity and conservation value are considered moderate. The overall assessment will be a risk class 4, low risk, because it was very little refraction at the object.	Metals

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Kotijoki hytta Kotijoki lodge	Kiruna	Svappavaara			Abandoned mine	Mining	3		<p>Kotijoki lodge cabin site is located at the brook Kotijoki inside Svappavaara. The distance to the nearest residential buildings is about 50 meters. The remains consist of a pair slag heaps which are mostly covered with vegetation, but some parts of the slag is exposed. Around slag piles and at the water edges vegetation is good. The land consists of moraine soil. Recipient is Kotijoki pelvis, in direct connection to slag heaps, the water flows further out into Hytjärvi after barely 500 meters. Dissemination of conditions deemed moderate soil and groundwater. The object close to the stream and thus Kotijoki is assumed be a spread of the water out to the lake Hytjärvi. The lake's surface is assumed to have low spread. Metals present in sediments, where distribution conditions are considered small. Sample analysis shows high levels of copper in the sediments. The surface shows contrast and low levels of metals. The pollution level in soil and groundwater assessed as moderate. The sensitivity considered significant for soil, groundwater and surface because the item is near housing developments. Protecting value is assessed as moderate. Impurities, mainly copper, have high hazard. The overall assessment becomes the object belongs to risk class 3. moderate risk.</p>	Metals
Pahtavaara koppargruva	Kiruna	Kiruna			Abandoned mine	Mining	4		<p>The area consists of a water-filled pits at about 10 * 20 meters with a depth of 10 - 12 meters and warp, which covers an area of just over 2 000 m2. Most of the warp is overgrowth. Mining area adjacent into a bog in the west with a by flowing brook flows out at Leppäkoski. The vegetation at Pahtavaara consists of spruce, pine, birch blueberry bushes, and willows. Soil consists of sandy moraine. Dissemination conditions deemed moderate in soil and groundwater and small in surface water. The pollution level is deemed moderate in soil and groundwater and low in surface waters. The sensitivity is assessed as moderate in the soil, ground and surface water, while the protective value judged as a whole. The overall assessment becomes a risk category 4, low risk.</p>	Metals

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Leppäkoski hytta	Kiruna	Leppäkoski	744290	171740	Abandoned mine	Mining	4		The cabin area is slag slag heaps, rust and ovens. Slag warp covers surface area of about 100 square meters. It is partly overgrown, but large parts are without vegetation cover. The vegetation around the slag warp consisting of bilberry, birch and willow. Ruins remain of roasting furnaces else is there good vegetation, kolupplaget is covered of moss, lichen and blueberry. About 10 meters from the cabin site Flows Lppäkoski which then flows further out into Vittangi River. Dissemination conditions deemed small in surface water and moderate in the land and groundwater. The pollution level is considered small in both land and water. The sensitivity is assessed as moderate, while protection value is considered as a whole. Pollution, copper is expected to have a high dangerousness. Since production has been small the overall evaluation is a risk class 4, low risk. Cu-hyt Copper from Pahtavaara mine was smelted at Leppiikoski smelting activities took place from approx 1660 - to 1682	Metals
Kurravaara Koppargruvor	Kiruna	Kurravaara			Abandoned mine	Mining	4		The two mine shafts are located in steep north slope of the mountain Koivu Vaara. The largest mining pit is 15 feet deep and flooded. There is no fence around the mine holes. Below the two mine shafts is mining overburden. The warp is partially overgrown with moss. Around the mining area consists vegetation of spruce mixed with birch and willow. Soil consists of moraine. Leachates area flows north through a myrområde. The nearest surface water is Torne River, which lies in a distance of approximately one kilometer. Dissemination conditions deemed moderate to high in soil and groundwater due. the mine shaft is located in a very steep terrain with thin soil cover. The proliferation of surface water is considered small due. relatively large distance to the nearest watercourses. The Torne River can be expect a dilution of ev. pollution to harmless levels. Dissemination premise is therefore considered low in surface waters. The pollution level is deemed as low in both soil and water when mining has been conducted in very small scale. The sensitivity is considered moderate because it is a great distance to the nearest residential and watercourses. Protection value is considered moderate soil and groundwater and high in surface waters. The overall assessment becomes a risk category 4, low risk.	Metals

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Vuolosjoki hytta	Kiruna	Vuolosjoki			Abandoned mine	Mining	4		<p>Cabin</p> <p>The site is located on both sides of Vuolosjoki a stream that flows into the Torne River. In the area there are piles of slag warp, mattes, and ore. The ore is clearly weathered and is rust-colored. The area has vegetation in form of birch, willow, pine, rice and grass. Slag Overburden dumps, ore heaps and heaps of stones are partially overgrown.</p> <p>Distribution of soil conditions and groundwater is moderate with a relatively dense soil. The prerequisite for proliferation surface water is also assessed as moderate, as the object is close to the Torne River. The pollution level is assessed as low since the production was small and business was only started for a total of eight years. The sensitivity assessed as moderate, while the protective value considered significant. The overall risk assessment becomes a risk category 4, small risk</p>	Metals
Junosuando järngruva Junosuando iron mine	Kiruna	Junosuando			Abandoned mine	Mining	4		<p>This was the first iron mine in Norrbotten. The ore that was broken was cut iron ore and was in pits. A blast furnace was built up near the mines. A lot of slag heaps were found in area, estimated at a surface area of 2 000 square meters. The warp is very much weathered and rust-colour. Vegetation around the mine and slag heaps consist of birch with certain elements of conifers. Soil is rich in limestone, LKAB engaged in the daily situation is dolomitbrott barely 200 meters from the old mining area. One of the plants found in the area is Fjällsippan. This plant grows only on calcareous land. Dissemination conditions deemed moderate soil and groundwater. The pollution level is considered low. Sensitivity and conservation value is considered moderate in the area. The soil contains limestone, which means that the risk of distribution of heavy metals decreases. Risk is considered a Class 4, low risk.</p>	Metals
Fridhem	Gällivare	Nietsajoki			Abandoned mine	Mining	not risk-rated		<p>The break occurred during the same period of mining at Nautanen, but probably not during the whole time. The ore was broken and ground on the site and were likely to participate to enriching the mining at Nautanen. At Fridhem there have been organized activities and gold-panning in recent times. The mining area is located just east of the road E10, approximately 3.5 kilometers north of the northern junction Gällivare and Kiruna.</p>	Metals

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Sjangeli kopparfält Sjangeli copper box	Kiruna	Pålkem			Abandoned mine	Mining	not risk-rated		Sjangeli is about 3 mil EN of Abisko, barely a thousand masl Sjangeli is in the upper part of the Abisko catchment, lake Skankalenjaure is the nearest recipient. Mining of copper ore were made at different times during the 16 -, 17 -- and 1800s. The ore was transported about 12 mil down to the melting foundry in Vuolosjoki close Kurravaara. Altogether there are about 300 in the tightening Sjangeli. Area characterized by mountains in the day. Overburden dumps are around the mines, however, relatively little since the break was conducted on a large scale. Sjangelimalmen held a very high percentage of copper. But transport distance was far and ore occurred in the so-called lenses required large amounts of waste rock must be broken.	Metals
Kuokkel gruvfält	Kiruna	Björkliden			Abandoned mine	Mining	not risk-rated		Kuokkel pits mining area is located approximately 5 km north of the Copper Ridge bus stop at the acclaimed points to Vadvetjåkka. Kuokkel constitutes a so-called granite window where bedrock is exposed. 70% of the area consists of bare rock. The area has very poor lime and sparse vegetation. In the mining area there is a number of tightening and pits and remains of buildings, equipment and tools. Spot has copper and zinc mining and uranium exploration conducted. Mining started in 1899 and started as a very small tightening. Broken ore was in piles at the large number of improvements to it. It has also made attempts to open up more mine shafts in the area. These mine shafts are now more or less flooded. The content of copper and zinc was low in the ore and shipment of ore to Railway was a problem. Assuming that no ore left the area but that everything was broken remains of the small ore heaps. 1963 detected radioactive anomalies in the region and exploration after uranium was made	Metals
Raggisvaara kopparskärpningar Raggisvaara copper tightening	Kiruna	Björkliden	757900	168800	Abandoned mine	Mining	not risk-rated		Some tightening processed 1683-1684. The largest was 40 m long and the deepest 8 m deep. When blowing into Vuolosjoki rebuilt in 1749 also resumed work at Raggisvaara to approximately 1755.	Metals
Kovo kopparskärpningar	Kiruna	Björkliden			Abandoned mine	Mining	not risk-rated		Kovo copper tightening Located at the north end of Vuolosjaure. Broken simultaneously with Kurravaara mine, smelting of ore took place in Vuolosjoki lodge.	Metals
Vehkovaara grafitbrott	Pajala	Björkliden			Mining storage	Mining	4		Graphite mine between 1955 and 1958. Despite the production conditions the protection of the area is considered moderate. Surface water and sediment is considered very high (because of the Natura 2000 area) the item is considered to belong to risk class 4, ie. it represents only a small or no risk to humans and the environment, as no trace of activity was found.	Metals

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
	Gällivare	4 km N Mourjevaara village	74,7	17,248	Military	Military	Closed 4		Munitions residues in temporary sliding seats (bomb dropping) 1943	Metals, Hazardous Substances
	Gällivare	Gällivare Kavaheden 1:1	74,574	17,156	Military	Military	Closed 4		Munitions residues in temporary sliding seats (artillery) 1943	Metals, Hazardous Substances
	Gällivare	Malmberget Kaptensgården 1:1	74,598	17,13	Military	Military	Closed 4		Munitions residues in temporary sliding seats (mortars) 1943	Metals, Hazardous Substances
	Gällivare	Malmberget 1:1	74,648	17,02	Military	Military	Closed 4		Munitions residues in temporary sliding seats (artillery) 1985, 1987, 1991	Metals, Hazardous Substances
	Gällivare	Gällivare Lina 3:1	74,583	17,232	Military	Military	Closed 4		Munitions residues in temporary sliding seats (artillery) 1985, 1987, 1991	Metals, Hazardous Substances
	Gällivare	Dokka 12:1	74,492	17,408	Military	Military	Closed 4		Munitions residues in temporary sliding seats (artillery) 1985, 1987, 1991	Metals, Hazardous Substances
	Gällivare	Dundret 5:1	74,478	17,105	Military	Military	Closed 4		Munitions residues in temporary sliding seats (artillery) 1985, 1987, 1991	Metals, Hazardous Substances
	Gällivare	Dundret 5:1	74,457	17,103	Military	Military	Closed		Munitions residues in temporary sliding seats (artillery - mortars) 1991 When shooting of this type checked that no dud left unexploded. Deleted as environmentally hazardous blowing.	Metals, Hazardous Substances
	Gällivare	Leipir 1:1	74441	17,251	Military	Military	Closed 4		Munitions residues in temporary sliding seats (artillery) 1985, 1987, 1991	Metals, Hazardous Substances
	Gällivare	Leipir 1:1	74,378	172,701	Military	Military	Closed 4		Munitions residues in temporary sliding seats (artillery) 1985, 1987, 1991	Metals, Hazardous Substances
	Gällivare	Nattavaara 12:24, 1:3, 16:4 and 1:4	741,9	173,33	Military	Military	Closed 4		Munitions residues in temporary sliding seats (artillery) 1977	Metals, Hazardous Substances
	Gällivare	Valtio	74,758	Y: 17,243	Military	Military	Closed		Munitions residues in temporary sliding seats (artillery - mortars) 1991 When shooting of this type checked that no dud left unexploded. Deleted as environmentally hazardous blowing.	Metals, Hazardous Substances
	Gällivare	Lina	74,627	17,358	Military	Military	Closed		Munitions residues in temporary sliding seats (artillery - mortars) 1991 When shooting of this type checked that no dud left unexploded.	Metals, Hazardous Substances

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
	Gällivare	Vettasjoki 6:1	74,699	17,596	Military	Military	Closed 4		Munitions residues in temporary sliding seats (artillery - mortars) 1991	Metals, Hazardous Substances
Nattavaara	Gällivare	Nattavaara	74132	17,255	Military	Military	Closed 4		(storage of fuel barrels) 1961-1974	Hydrocarbons
	Gällivare		74,213	17,408	Military	Military	Closed 5		(storage of fuel barrels) 1961-1974	Hydrocarbons
	Gällivare	Nortikon	745	172,5	Military	Military	Closed 4		(storage of fuel barrels) 1964-1974	Hydrocarbons
	Gällivare	Moskojärvi	74,833	17,272	Military	Military	4 * (Phase 2)		Aviation fuel spill, Accident 1994	Hydrocarbons
	Gällivare	Nattavaara 17:40	741,625	172,725	Military	Military	Closed		Landfills and burn pits before 1973 Contains no substances of which the degradation resulting to environmental hazards. Deleted as environmentally hazardous.	Needs Further Characterization
Dokkas (Name)	Gällivare	Gällivare Lina 3:1			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Granhult	Gällivare	Granhult 2:7			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
	Gällivare	Gällivare 12:74			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Hakkas nya	Gällivare	Hakkas 35:1			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Hakkas gamla	Gällivare	Hakkas 35:1			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Killinge norra	Gällivare	Killinge 6:2			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Killinge södra	Gällivare	Killinge 9:18			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Koskullskulle	Gällivare	Koskullskulle 1:202			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Leipojärvi	Gällivare	Leipojärvi s:3			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
	Gällivare	Malmberget Robsam 1:1			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Markitta	Gällivare	Markitta Nilivaara 26:1			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Mäntyvaara	Gällivare	Mänttyvaara 3:12			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Nattavaara 1	Gällivare	Storlandet 5:1			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Nattavaara 2	Gällivare				landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Nattavaara 3	Gällivare	Storlandet 5:1			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Nilivaara gamla	Gällivare	Nilivaara 26:1			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Nilivaara nya	Gällivare	Nilivaara 16:3			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Palohuornas	Gällivare	Palohuornas 4:5			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Polcirkeln	Gällivare	Polcirkeln Storlandet 5:1			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Purnu	Gällivare	Purnu 19:1			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Sakajärvi	Gällivare	Sakajärvi 2:1			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Sammakko	Gällivare	Sammakko 17:1			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Sarvisvaara	Gällivare	Sarvisvaara 3:5			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Satter	Gällivare	Satter 1:2			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Skaulo gamla	Gällivare	Skaulo Soutujärvi 7:3			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Skaulo nya	Gällivare	Skaulo Soutujärvi 7:5			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Skröven	Gällivare	Skröven 3:5 (?)			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Tjautjas	Gällivare	Tjautjas Lina 3:38			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Torasjärvi	Gällivare	Torasjärvi Skróven 20:1			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Ullatti	Gällivare	Ullatti 10:18			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Vettasjärvi	Gällivare	Vettasjärvi 3:2			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Vietas	Gällivare	Vietas Kronoöverloppsmark 1:2 (?)			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Yrttivaara	Gällivare	Yrttivaara Ruutirova 4:1			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Äijävaara	Gällivare	Äijävaara 1:1			landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Kavahedens avloppsreningsverk (Kavahedens sewage treatment plants)	Gällivare	Kavaheden 1:1 och 1:2			Sewage Water treatment plant	Landfill/Dump	In operation		Sewage Water treatment plan	Needs Further Characterization
RS Metall Återvinning (RS Metal Recycling)	Gällivare	Gällivare 57:2			Car scrapping and scrap trade	Automotive Industry	Closed		Metal Recycling	Hydrocarbons, Metals
Kuusakoski AB	Gällivare	Gällivare 57:7			Car scrapping and scrap trade	Automotive Industry	In operation			Hydrocarbons, Metals, Hazardous Substances
Björkmans Last och Demontering AB (Björkmans loading and removal B)	Gällivare	Hakkas 35:5			Car scrap, fuel handling, engineering, haulage	Automotive Industry	In operation			Needs Further Characterization
Auto Nord	Gällivare	Gällivare 57:24			Garage	Automotive Industry				Needs Further Characterization
BD Bilservice	Gällivare	Gällivare 65:1			Garage	Automotive Industry	In operation			Needs Further Characterization

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Gällivare Truckservice AB (Gällivare Truck service AB)	Gällivare	Gällivare 57:19			Garage	Automotive Industry	In operation			Needs Further Characterization
Malmfältens Bil och Kylteknik (Malmfältens Automotive and Refrigeration)	Gällivare	Fjällripan 23			Garage	Automotive Industry	Closed			Needs Further Characterization
Malmfältens motorrenovering (Malmfältens engine overhaul)	Gällivare	Spiran 6			Garage	Automotive Industry	In operation			Needs Further Characterization
Smedbergs Motor AB	Gällivare	Malmberget 8:18			Garage	Automotive Industry	In operation			Needs Further Characterization
Ylipää Bil AB	Gällivare	Gällivare 65:1			Garage	Automotive Industry				Needs Further Characterization
Bilskadecenter	Gällivare	Gällivare 12:76 och 16:79			Garage, painting	Automotive Industry	In operation			Needs Further Characterization
Bucklan Plåt och Lack	Gällivare	Liikavaara 4:27			Garage, painting	Automotive Industry	In operation			Needs Further Characterization
Grönborgs Bil och Plåt Handelsbolag	Gällivare	Koskullskulle 1:203			Garage, painting	Automotive Industry	In operation			Needs Further Characterization
Svets och fordonsrep. i Gällivare AB	Gällivare	Gällivare 57:28 (omr 2)			Garage, trucks	Automotive Industry	In operation			Needs Further Characterization
Brandövningsplats, Sarkasvaara (Fire drill at Sarkasvaara)	Gällivare	Robsam 1:1 (omr 1)			Fire drill location	Industry	In operation		Fire drill location	Hazardous Substances
Norsk Hydro, Aitik	Gällivare	Sakajärvi 2:4			Fuel Handling	Oil	In operation			Needs Further Characterization

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
NRV Gällivare	Gällivare	Gällivare 50:1			Fuel Handling	Oil	In operation			Needs Further Characterization
Bilvård Gällivare (Car Care)	Gällivare	Liljan 1			Fuel Handling	Oil	In operation			Needs Further Characterization
Bilvård Malmberget (Car Care)	Gällivare	Puojtak 1:168			Fuel Handling	Oil	In operation			Needs Further Characterization
OKQ8 automatanläggning (OKQ8 automatic installation)	Gällivare	Gällivare 57:17			Fuel Handling	Oil	In operation			Hydrocarbons
OKQ8 Gällivare Mack AB	Gällivare	Brushanen 2			Fuel Handling	Oil				Hydrocarbons
Shell, O. Bäckmans Bensin AB	Gällivare	Gladan 1			Fuel Handling	Oil	Closed			Hydrocarbons
Statoil Gällivare	Gällivare	Fjällbjörken 1			Fuel Handling	Oil	In operation			Hydrocarbons
Statoil Malmberget	Gällivare	Malmberget Smörjaren 1			Fuel Handling	Oil	In operation			Hydrocarbons
Bil-City	Gällivare	Gällivare 16:36			Fuel Handling, garage	Oil	In operation			Hydrocarbons
Eriksson Bil i Gällivare AB (Volvo)	Gällivare	Gällivare 16:79			Fuel Handling, garage	Oil	In operation			Hydrocarbons
Svebus AB	Gällivare	Hammaren 1 och 2			Fuel handling, haulage	Oil	In operation			Hydrocarbons
Gällivare sjukhus, helikopterplatta (Gällivare hospital helicopter pad)	Gällivare	Läkaren 1			Airport	Civil Aircraft	In operation			Hydrocarbons

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Gällivare sjukhus, avfallsförbränning (Gällivare hospital waste)	Gällivare	Läkaren 1			Incinerator	Landfill/Dump	Closed		Incinerator	Hazardous Substances
Gällivare sjukhus, panncentraler (Gällivare Hospital, boiler house)	Gällivare	Läkaren 1			Incinerator	Landfill/Dump	In operation		Incinerator	Hazardous Substances
Gällivare värmeverk (Gällivare thermal plants)	Gällivare	Gällivare 57:30			Incinerator	Landfill/Dump	In operation		Incinerator	Hazardous Substances
Grefex/Uterusgruppen AB	Gällivare	Bergfinken 1			Printing industry	Industry	In operation		Printing industry	Hazardous Substances
Gällivare Tryck AB (Gällivare AB Press)	Gällivare	Näktergalen 4			Printing industry	Industry	Closed		Printing industry	Hazardous Substances
KE-Reklamtryck AB	Gällivare	Blodstenen 2			Printing industry	Industry	In operation		Printing industry	Hazardous Substances
MG-Tryck AB	Gällivare	Estraden 2			Printing industry	Industry	Closed		Printing industry	Hazardous Substances
Åvikens Skylt AB	Gällivare	Gällivare 12:105			Printing industry	Industry	Closed		Printing industry	Hazardous Substances
Aitikgruvan, Boliden Mineral AB (Aitik mine, Boliden Mineral AB)	Gällivare	Leipipir 1:4, Liikavaara 8:2			Mine and heap	Mining	In operation		The Aitik mine is Europe's largest operating copper mine. The surrounding waters contain dissolved metals and a higher acidity than normal. Mining is dangerous in freshwater as the contaminants often leak into the surrounding groundwater. Thus, it not only threatens the nearby ecosystem but also the groundwater of all the surrounding inhabitants. In addition, the weathering of the site has caused further increased contamination.	Metals
Malmbergsgruvan, LKAB	Gällivare	Malmberget 8:17			Mine and heap	Mining	In operation			Metals
Sorvanen	Gällivare	Lina 3:1			Mine and heap	Mining	Closed			Metals

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Tabmokvare grafitbrott (Tabmokvare graphite)	Gällivare	Storlandet 5:1			Mine and heap	Mining	Closed			Metals
Dieselutsläpp (Diesel Emissions)	Gällivare	Gällivare 65:1			Accident	Oil				Metals
Fjärrvärmeläckage (District Heating Leak)	Gällivare	Gällivare 65:1			Accident	Industry				Needs Further Characterization
Olycka med spolgrop (NTG Miljö) (Accident spolgrop (NTG Environment))	Gällivare	Gällivare 57:4 och 56:1			Accident	Other				hydrocarbons
Omkullvält oljefat (Overturned oil drums)	Gällivare	Gällivare 65:1			Accident	Oil				Hydrocarbons
Läckage transformatorolja	Gällivare	Släggan 21			Accident transformer station	Power Plants	Closed			PCBs
Gällivare skjutbana, Dundret	Gällivare	Gällivare 5:17			Shooting Range	Civil Shooting Range	Closed			Metals
Ullatti skjutbana (shooting range)	Gällivare	Ullati 43:1			Shooting Range	Civil Shooting Range	In operation			Metals
Nes Såg	Gällivare	Gällivare 57:45			Sawmill industry	Industry	In operation		Sawmill industry	POPs, hazardous substances
Dyno Nobel, Filial Aitik	Gällivare	Sakajärvi 2:4			Manufacture of propellants and explosives	Industry	In operation			Hazardous Substances

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Dyno Nobel, Gällivarefabriken (Factory)	Gällivare	Kaptensgården 1:19			Manufacture of propellants and explosives	Industry	In operation			Hazardous Substances
Uniplast AB (tid. Rivera Plast AB) (former Rivera Plast AB)	Gällivare	Gällivare 62:1			Manufacture of plastic	Industry	Closed			Hazardous Substances
WIMA Polymerteknik (WIMA Polymer Engineering)	Gällivare	Gällivare 12:333			Manufacture of plastic	Industry	Closed		Manufacture of plastic	Hazardous Substances
AB Malmfältens Svets-, Smides- & Mekaniska (AB Malmfältens Welding, Forging & Mechanical)	Gällivare	Gällivare 57:9			Engineering industry (Verkstadsindustri)	Industry	In operation		Welding, Forging & Mechanica	Hydrocarbons, Metals
Metso Minerals	Gällivare	Gällivare 57:22 och 16:103			Engineering industry (Verkstadsindustri)	Industry	In operation		Minerals	Needs Further Characterization
SGT Svensk Gruvteknik AB (BMA Swedish Mining Engineering AB)	Gällivare	Malmberget Puojtak 1:167			Engineering industry (Verkstadsindustri)	Mining	In operation		BMA Swedish Mining Engineering AB	Needs Further Characterization
Stål & Spån (Steel & Cutting)	Gällivare	Gällivare 65:1			Engineering industry (Verkstadsindustri)	Industry	Closed		Steel & Cutting	Hydrocarbons, Metals

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Swerock betongstation/krossverk (Swerock concrete mixing / crushing plants)	Gällivare	Lina 3:37			Övrigt, betongstation m.m. (concrete plant, etc.)	Industry		In operation	Concrete mixing / crushing plants	Needs Further Characterization
Boliden Mineral AB	Gällivare	Gällivare 12:97			Övrigt, sligomlastning 1 (loading)	Industry		In operation		Needs Further Characterization
Gällivare Photovoltaic AB	Gällivare	Gällivare 12:334			Övrigt, solcellspaneler (solar panels)	Power Plants		In operation		Needs Further Characterization
Gällivare, Bryggerivägen	Gällivare	Gällivare 4:2			Abandoned gas station	Oil			Texaco 1974	Hydrocarbons
Gällivare, Föreningsgatan 3	Gällivare	Aspen 5			Abandoned gas station	Oil			Texaco 1974	Hydrocarbons
Gällivare, Killinge	Gällivare	Killinge 8:3			Abandoned gas station	Oil			Shell 1973	Hydrocarbons
Gällivare, Leipojärvi	Gällivare	Leipojärvi 10:7			Abandoned gas station	Oil			Texaco 1974. Drainage from May- June 2004.	Hydrocarbons
	Gällivare	Markitta 15:1			Abandoned gas station	Oil				1978 Hydrocarbons
	Gällivare	Moskojärvi 5:6			Abandoned gas station	Oil			BP 1981	Hydrocarbons
Gällivare, Nilivaara	Gällivare	Nilivaara 4:3			Abandoned gas station	Oil			Shell 1976	Hydrocarbons
Gällivare, Parkgatan	Gällivare	Sjöjungfrun			Abandoned gas station	Oil			The gas station was abandoned in 1969 the state is OK the site is mentioned for other reasons which are non specified Other Reasons	Needs Further Characterization
Gällivare, Parkgatan 2	Gällivare	Hasseln 10			Abandoned gas station	Oil			Gulf Sanitized	Hydrocarbons

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Gällivare, Per Högströms-gatan 16	Gällivare	Granen 6			Abandoned gas station	Oil			Shell 1976. Drainage from May - June 2004.	Hydrocarbons
	Gällivare	Poultikasvара Soutujärvi 5:3			Abandoned gas station	Oil			Nynäs 1975.	Hydrocarbons
	Gällivare	Ritsem Kronoöverloppsmark 2:27			Abandoned gas station	Oil			Nynäs Environment Action. 1983. Tank left.	Hydrocarbons
	Gällivare	Skaulo Soutujärvi 16:5			Abandoned gas station	Oil			Shell 1980. Drainage from May-June 2004.	Hydrocarbons
	Gällivare	Skröven 3:6			Abandoned gas station	Oil			Caltex 1976.	Hydrocarbons
	Gällivare	Stora Sjöfallet Kronoöverloppsmark 1:2			Abandoned gas station	Oil			Nynäs 1973	Hydrocarbons
	Gällivare	Hakkas 4:8			Abandoned gas station	Oil			Shell 1977.	Hydrocarbons
	Gällivare	Hakkas 15:9			Abandoned gas station	Oil			Gulf 1975	Hydrocarbons
Hakkas, Kalixvägen	Gällivare	Hakkas 8:8			Abandoned gas station	Oil			BP 1973	Hydrocarbons
Hakkas, Palohuornas	Gällivare	Palohuornas 4:5			Abandoned gas station	Oil			Texaco 1970	Needs Further Characterization
Hakkas, Purnu	Gällivare	Purnu 3:9			Abandoned gas station	Oil			Caltex 1972. Withdrawn because of faulty activity period.	Hydrocarbons
Hakkas, Sammakko	Gällivare	Sammakko 1:34			Abandoned gas station	Oil			BP 1973	Hydrocarbons
Hakkas, Yrttivaara	Gällivare	Yrttivaara 3:11			Abandoned gas station	Oil			Shell 1970	Hydrocarbons

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Koskullskulle, Kullegatan 123	Gällivare	Koskullskulle 1:42			Abandoned gas station	Oil			Shell 1975	Hydrocarbons
Malmberget, Gunillagatan-Järnvägsgatan	Gällivare	Malmberget Bergfinken 1			Abandoned gas station	Oil			Shell 1973	Hydrocarbons
Malmberget, Hertiggatan 8	Gällivare	Malmberget Mörten 4			Abandoned gas station	Oil			OK 1974. Located in LKAB Malmbergets Rasrisk area.	Hydrocarbons
Malmberget, Hertiggatan-Tingvallsgatan	Gällivare	Malmberget Mården 3			Abandoned gas station	Oil			Shell 1974. Located in LKAB Malmbergets Rasrisk area.	Hydrocarbons
Malmberget, Hertiggatan-Österlånggatan	Gällivare	Malmberget Mården 1			Abandoned gas station	Oil			Caltex 1974. Located in LKAB Malmbergets Rasrisk area.	Hydrocarbons
Malmberget, Tingsvallsgatan 58	Gällivare	Soldaggen 1			Abandoned gas station	Oil			BP 1986.	Hydrocarbons
Nattavaara centrum, längs med 818	Gällivare	Nattavaara 17:6			Abandoned gas station	Oil			Texaco 1972.	Hydrocarbons
Nattavaara station	Gällivare	Nattavaara Meurisvaara 1:41			Abandoned gas station	Oil			Texaco 1984. Cleanup continues in 2004.	Hydrocarbons
Nattavaaraby	Gällivare	Nattavaara 6:60			Abandoned gas station	Oil			Shell 1994.	Hydrocarbons
	Gällivare	Nilivaara 4:11			Abandoned gas station	Oil			Reservoirs Remain, 2004.	Hydrocarbons
Porjus, Luspebryggan-Storlutehandeln	Gällivare	Luspen 1:2			Abandoned gas station	Oil			Texaco 1977.	Hydrocarbons
Vettasjärvi, Bygdevägen 20	Gällivare	Vettasjärvi 1:7			Abandoned gas station	Oil			BP 1973. Rent Clean	Hydrocarbons
Vettasjärvi, Bygdevägen 10	Gällivare	Vettasjärvi 1:54			Abandoned gas station	Oil			BP	Hydrocarbons

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
	Gällivare	Vettasjärvi 15:1			Abandoned gas station	Oil			Texaco 1980. Other reasons.	Needs Further Characterization
Vettasjärvi By	Gällivare	Vettasjärvi 4:3			Abandoned gas station	Oil			Caltex 1973.	Hydrocarbons
Skanska Nord Asfaltverk	Gällivare				Asphalt	Industry	2		No visible contamination on the ground. Some parts of the surface were paved. Diesel tank for heating was embanked and protected under one roof. Pollution could occur with any spillage from a mobile, smaller diesel tank used for machines, etc. Some bitumen spillage has occurred at the large, stationary bitumen tanks. A bitumen tank no longer used appeared to be in poor condition. Conditions are considered very high when the soil is sandy. Area's sensitivity is considered large as workers are exposed during the daytime and groundwater used for drinking water. Area's conservation value is assessed as small as the area's natural ecosystems are destroyed by the previous aggregate dredging activity. Suspected pollutants are dangerous. The object is deemed to pose a high risk (risk category 2) because of the long activity time (since 1970) and the patches of waste previously found. The current activity at the plant is considered to be of a small risk of contamination and immediate action is not necessary. In the case of environment change land use or activity would be subject to an environmental for clarification.	Hydrocarbons

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Sarkasvaara Asfaltverk	Gällivare				Asphalt	Industry	2		Site is located in a sandy / aggregate dredging. The ground surface consists only of sand and gravel, paved surfaces are missing. There are two small lakes or pools that may consist of groundwater. Water that leaks out of the bitumen process is managed through a puddle and a ditch to one of these lakes. A layer of oil forms sometimes in the pond, which is manually removed when it is discovered. Diesel tank (30m ³) heating of the work is embanked, but there is no protection against rain. During the site visit the dam was half filled with water, which may cause pollutant dispersion, if there is any leakage. Asphalt administration and its tanks and barracks appear to be in good condition. Dissemination conditions are considered very high when the soil is sandy and gravel, has no vegetation cover and groundwater located in close proximity to the plant. Area's sensitivity is considered large when professionals exposed during working hours. Area's conservation value is considered low because area is heavily influenced by the work that has been conducted (open aggregate dredging). The object is deemed to pose a high risk (category 2) because the embankment of the fuel tank is entirely without rain protection and the unclear pollution in the water pool near the asphalt plant. View a possible change of land use or activity would be an environmental technical study that may provide clarification.	Hydrocarbons
Gällivare Begagnade Bildelar (Gällivare Used Auto Parts)	Gällivare				Car scrapping and scrap trade	Automotive Industry	3		Impression from the visit was that the car scrapyards activity works well. Disassembly takes place in a dense surface with the collection of liquids. Orderliness seemed to be present at the business. Automotive parts stored in plastic containers, while waste oil and oil filter were stored inside a container building. No visible spill stains were at scrapping or pressing the spot. Little activity in recent years. Assessment is based primarily on how the business works today and impression at the site visit, ie. how the place looked and handled. It is difficult to imagine how it looked in the past with the vast amount that was scrapped and then the handling of chemicals / hazardous waste. Currently, the land looks good given the activity and all hazardous waste stored reliably. Area is scheduled to industrial area and it is far to nearby watercourses.	Hydrocarbons, Metals, Hazardous Substances

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Lapland Airport	Gällivare				Airport	Civil Aircraft	2		Buildings and facilities are well maintained. It appears it is currently managed under existing permits and regulations. To reduce risk of contamination spread, various measures have been taken, including collection system of glycol. On two occasions, 1995 and 2001, there was a problem with an oil separator which led to oil spills to the existing land. Fire drill site lacks collection system for ignition and extinguishing. Pollution may have occurred in associated fire drills, in which the extinguishing agent is allowed to infiltrate into the ground; in the past fire drills were conducted on a larger scale than today. Pollutants can also have arisen in connection with de-icing of aircraft as the storage system for glycol is recent. Dissemination conditions of soil and groundwater is assessed as moderate to large when the soil is dominated by normal to thick permeable soils. Area and plant susceptibility is assessed as high due to workers who work at the site daily. Area's conservation value is considered as moderate when the area has slightly disturbed ecosystems that are common in the region. The suspected pollution is dangerous. The object has been assessed as high risk (risk class 2) because of the hazards of chemicals, the long-term operations and that it has handled large quantities of chemicals. An environmental technical study would provide clarification of the pollution situation and eventually provide a new pool.	Hydrocarbons, POPS

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Norrlandsflyg helikopterflygplats (heliport)	Gällivare				Airport	Civil Aircraft	2		<p>The activities current situation has declined in extent due to areas of the business having been sold. Today Norrlandsflyg is just a rescue operation. Other operations which were carried out for long periods of time have been multi extensive - helicopters, and even seaplanes. Earlier procedures for management of chemicals were not as restrictive as today. Refuelling was carried out earlier on unprotected land, where any spillage might have contaminated the underlying soil. Chemicals were stored previously in such a way that spills and leaks may have infiltrated into the soil. Helicopters has also previously washed on unprotected land, with pollution of soil may have occurred. Today there seems to be no such practices the risk that the contamination has spread to land and water is minimized.</p> <p>Dissemination conditions of soil and groundwater is estimated as very large because the soil is composed of permeable discards and that groundwater levels fluctuate in the region. The area's sensitivity is considered large to very large as the neighbourhood houses a well frequented recreational area, value is assessed as moderate to high, and then the ecosystem is relatively common in the region. Protecting the value was inflated somewhat because the field is also a recreation area. Pollutants that are suspected to occur in the area are dangerous. The object has been assessed as high risk (risk category 2) because of the hazards of chemicals, the long-term activity and the risk of dissemination to the recreation areas. An environmental technical study could clarify a possible pollution situation and possibly provide a new category.</p>	Hydrocarbons, Hazardous Substances

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Fiskflyg AB, Ritsem	Gällivare				Airport	Civil Aircraft	3		<p>Helicopter landing used only in summer were at the site visit in mid-June, no activity ongoing for the season. Object consisting of a landing pad and a tank farm had a well maintained appearance. Landing plate is universal and used by several helicopter companies. It is supplied and maintained by Vattenfall, a disposal tank facility. It was in good condition, equipped with lagoons and protected against rainwater. At a filling valve, there were signs of minor fuel spill, when the underlying gravel coating was discoloured and smelled of petroleum. Landing plate was coated with asphalt where a some grass grows through. Any contamination could occur during the refuelling of helicopters.</p> <p>Dissemination conditions in surface water is considered small, for large dilution of Akkajaure should lead to harmless levels. Diffusion conditions in the soil and groundwater is considered very high as the soil is composed of coarse filling masses. Protecting value is assessed as very high as the area is within the Great Sjöfallets national park. The area is however in connection to a waterfall, where the field can not be regarded as unaffected and protect the value should be assessed somewhat lower. The sensitivity is assessed as high as the neighbourhood has a large importance for the mobile outdoor activities. According to risk assessment chart would object pose significant risk (risk category 2). Operations have been conducted during shorter periods (since 1999) and only during the summer months. The risk is the fuel tank, as in a fuel leak could have devastating consequences for humans and the environment. Except for the danger of the tank, some pollution is caused of fuel spillage during refuelling, but these are only small amounts of minor importance. The fuel tank is in good condition and if this is maintained at proper object can be considered to pose a moderate risk (risk category 3).</p>	Hydrocarbons

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Fiskflyg AB, Sjöfallet	Gällivare	Stora Sjöfallet			Airport	Civil Aircraft	2		Helicopter landing used only in summer. The site visit took place in mid-June there was no ongoing activity for the season. Object consisting of an area with three landing slabs, some buildings and a service station that have a well maintained appearance. Tank facility was in good condition and equipped with lagoons, but had no protection against the increase of rainwater. During the site visit, two of the landing plates showed clear signs of fuel spillage. Wooden railroaders had either a larger discoloured spots and the underlying soil had a smell of petroleum. Potential contamination could occur during the refuelling of helicopters. Dissemination conditions in surface water is considered small, for large dilution by the Lake Langas should lead to harmless levels. Diffusion conditions in the soil and groundwater is considered very high as the soil is composed of coarse filling masses. Protecting value is assessed as very high when the area is within the Great Sjöfallet. The sensitivity is considered large as workers in the summer are exposed daily. The object has been assessed as high risk (risk category 2) because of the hazards of chemicals, the long-term operations and area's major conservation value. An environmental technical study would provide clarification of an eventual new assessment and eventually provide a new pool.	Hydrocarbons, Hazardous Substances
Vassara sjöflygplats	Gällivare				Airport	Civil Aircraft	3		Activity is significantly small. The current situation is simply routine flights. It is also important to avoid waste and slop around the plane for security reasons. Within the building there are no visible signs of pollution. Dissemination conditions of soil and groundwater is estimated as large because the soil is composed of permeable discards and the groundwater levels fluctuate in the region. Area's sensitivity is assessed as high to very large as the neighbourhood is used for recreation purposes, as well as municipality bathing. Protecting value is assessed as moderate to high, and then the ecosystem is relatively common in the region. Protecting the value was inflated somewhat because of the field also being used as a recreation area. Suspected pollutants are dangerous. According to risk assessment chart object would be a high risk (risk category 2). The business has been carried out for a short time (since 1998) and only during the summer months. Chemical management is sparse and the risk of contamination is via the fuel tank. The tank is embanked and fitted with a roof. Unless the fuel tank is maintained to prevent pollutant dispersion it is considered to pose the object moderate risk (risk category 3).	Hydrocarbons

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F.d. Gällivare kraftstation (Former Gällivare power station)	Gällivare				Incinerator / landfill etc	Landfill/Dump	2		Area bears more or less hidden traces of the previous activity. Soil was covered, but where the building stood there remains some brick remnants. At the old Coal House there were remnants of something that may have been a landfill containing, inter alia, hazardous waste such as discarded oil filters and shattered car batteries. Impression was that anything could be in the ground. In the forest below location of the building were remnants of eventual carbon storage tubs. Earlier activities (power plant, garage, sheet metal, and livestock) have been conducted in such a way that soil contamination may have occurred. Garage disposed of waste oil by burning in burn pits with direct infiltration to the ground. Animal breeding gave rise to very large amounts ammonia rich manure and how it was taken care of is unclear. Diffusion conditions are considered large both in soil, groundwater and surface water with normal dense for permeable soils as well as fluctuating groundwater levels. Proliferation conditions to Vassaraträsk swamp judged to be very large because the lake is connected with the field t Area's sensitivity is assessed as high to very large as the neighbourhood is a frequently used recreation area, including with the municipality bathing. Protecting value is assessed as moderate to high, the ecosystem is relatively normal for the region. Protecting the value was inflated somewhat because the area is also a recreation and beach area. The object is placed in risk class 2 due to the long and somewhat colourful time of operation with various activities, hazardous chemicals and environmentally hazardous waste in the area. An environmental technical study would clarify a possible priority situation and eventually provide a new pool.	Hydrocarbons, Metals, POPs, Hazardous substances
Porjus Skytteförening	Gällivare	Porjus			Shooting Range	Civil Shooting Range	3		Porjus Shooting Association shooting range was built sometime in 1950, and in 1980 a gun orbit was built. The facility is very well run. Diffusion conditions in soil and groundwater are considered significant because the ground consists of permeable soils. Lead is relatively immobile in the soil since it has oxidized to more stable compounds. Based on this overall assessment is placed shooting range in risk class 3. If the business changes or if it is found that new information emerges about lead and its mobility, risk class can be revised.	metals

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Dokkas Jakt- & Fiskevårdsförening (Hunting)	Gällivare	Dokkas			Shooting Range	Civil Shooting Range	3		The Dokka Hunting & Fiskevårdsförening shooting range is where clay pigeon shooting has been carried out for about 20 years. The total membership is estimated at about 120. Shooting range is used about 3 times a week throughout the summer although competitions also occur. Shooting range is in good condition. It is located at a closed gravel pit on a permeable surface (gravel and sand), which means that proliferation conditions in soil and groundwater is high. Impurities can easily be transported down to the ground, which probably is relatively shallow. The binder used in the manufacture of clay pigeons contain PAHs, danger is estimated to be very high. Although lead is classified as a substance of very high hazard it is relatively immobile in the soil since it is oxidized to more stable compounds. Area's conservation value is considered low to moderate due to the past quarry operations. The sensitivity is considered moderate, due to no groundwater extraction occurring in the area and the long distance to residential buildings. Based on the overall assessment placed shooting range in risk class 3, but on the verge of class 2.	metals
Soutujärvi Jaktvårdsområde	Gällivare	Soutujärvi			Shooting Range	Civil Shooting Range	3		Soutujärvi game management area has been active since 1980 with a total of approximately 100 members. The facility is in good condition and consists of a moose shooting runway and a hunter's trap path. The association's activities include using clay pigeon for moose shooting. The facility is located on a tall heap, ie. sandy materials with high permeability. It entails a high risk of spread of land and groundwater. Pollutants can easily be transported down to the groundwater. Both PAHs and lead are substances of very high hazard. Since the shooting activity is moderate to large is the area's lead content is probably high. Lead is relatively immobile in the soil since it oxidized into more stable compounds. Based on the overall assessment is placed shooting range in risk class 3, was and is on the verge of class 2, If any new information regarding the presence of lead and PAHs in the shooting sites the hazard classification can be revised.	Hydrocarbons, metals

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Markitta-Nilivaara Skytteförening	Gällivare	Nilivaara			Shooting Range	Civil Shooting Range	3		Justification Markit-Nilivaara Skytteförening has been active since the 1960s and the total number of members during the fiscal period is estimated to be about 100. Shooting range was built in 1970 and used in the current situation of about 60 members including practice shooting for elk hunting and clay pigeon shooting. The facility is in good condition and is located at the normal close of permeable soils, which leads to proliferation conditions in soil and groundwater is moderate to large. This means that contaminants can easily be transported down to the groundwater. Both lead and PAHs classified as substances of very high hazard. Lead is relatively immobile in ground since it oxidized into more stable compounds. Based on the overall assessment placed shooting range in risk class 3, was on the verge of class 2. If any new information regarding the presence of lead and PAHs in shooting facilities the hazard classification will have to be revised.	metals
Hundklubben Dundret	Gällivare				Shooting Range	Civil Shooting Range	3		Justification Hundklubben Dundret took the rifle range from Gällivare Jaktvårdsförening in 1997. Runway was originally built as a skeet course (skeet shooting), but has since been rebuilt in stages to a trap path in 1988. The facility is in good condition. It is located on permeable to normal dense soils, which means that the diffusion conditions in soil and groundwater is moderate to large. This means that pollutants can be transported down to the groundwater. The binder contains the clay pigeons PAHs, whose dangerousness is considered very high. Lead is classified as a substance of very high hazard, however it is relatively immobile in the soil since it is oxidized to more stable compounds. Area's conservation value is considered small to moderate. The sensitivity is considered moderate, due to no groundwater extraction occurs and the long distance to residential buildings. Based on the overall assessment shooting range is placed in risk class 3.	metals
Kilvo Jaktvårdsområde (Kilvo game management area)	Gällivare	Kilvo			Shooting Range	Civil Shooting Range	3		Shooting range has about 60 shooters and is used for beginners and practice shooting for example elk hunting. The facility is in good condition. It is located on permeable to normal dense soils, which means that the diffusion conditions in soil and groundwater is moderate to large. This means that pollutants can be easily transported down to the groundwater. But lead is relatively immobile in the soil since it is oxidized to more stable compounds. Shooting range is therefore estimated, based on the overall assessment, to belong to risk class 3. If new evidence is found regarding the handling of lead in shooting facilities may it may be given a different rating.	metals

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Malmberget Koskullskulle Jakt- & Fiskevårdsförening	Gällivare	Malmberget			Shooting Range	Civil Shooting Range	3		Malmberget Koskullskulle Hunting & Fishing Association has been active since 1980. The association operates a skeet course and has a target orbit (80 m) for elk. In recent years runways have been used by about 250 shooters for hunting license training including certificate shooting for elk hunting and practice shooting. The facility is in good condition. It is located on permeable to normal dense soils, which means that the diffusion conditions in soil and groundwater is moderate to large. This means that pollutants can be relatively easily transported down to the groundwater. Contains clay pigeons PAHs, dangers are considered very high. Also lead, present in ammunition, classified as a substance of very high hazard. Lead is, however, relatively immobile in the soil since it is oxidized to more stable compounds. Based on this overall assessment the shooting range is placed in risk class 3, on the border of class 2.	metals
Malmberget Koskullskulle Skytteförening	Gällivare	Malmberget			Shooting Range	Civil Shooting Range	2		Malmberget Koskullskulle Shooting range has been in operation since 1898 and the total number of members during the period is estimated at approximately 12,000. The current situation totals the number of members to be approximately 125. The association uses Kava plant shooting which was built in the 1980s. The business consists of inter alia, rifle shooting; air rifle shooting and biathlon. The plant is considered to be in very good condition. Diffusion conditions in the soil and groundwater are considered moderate to high because the soil is composed of permeable to normal dense soils. This means that pollutants can easily be transported down to the groundwater. Since this shooting business is important the content of the lead is probably large. Lead is relatively immobile in the soil since it oxidized to more stable compounds. Based on this overall assessment the shooting range is placed in the category 2. If any new information regarding the presence of lead at the shooting facilities, this shooting range may have a new risk assessment therefore new rating.	metals

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Hakkas Sammakko Skytteförening	Gällivare	Hakkas			Shooting Range	Civil Shooting Range	3		Hakkas Sammakko Skytteförening has been in operation since the 1940s. Currently about 70 shooters use the shooting range it is used by beginners and practice shooting for elk hunting. In the past, clay pigeon shooting also occurred. The facility is in excellent condition. It is located on permeable to normal dense soils, which means that diffusion conditions in the soil and groundwater is moderate to large. Pollution can relatively easily be transported down to the groundwater. Both lead and PAHs are classified as substances of very high hazard. Lead is relatively immobile in ground since it oxidized into more stable compounds. Based on the overall assessment the shooting range is placed in risk class 3. If any new information regarding the presence of lead and PAHs in the shooting sites is found, it may be categorised into with a new risk rating.	metals
Leipojärvi Skytteförening	Gällivare	Leipojärvi			Shooting Range	Civil Shooting Range	3		Leipojärvi Skytteförening has been in activity since 1974, currently a shooting range with about 45 shooters for learning and practice shooting for elk hunting. The load on the shooting range is moderate. The facility is located at the normal tight to permeable soils which leads to proliferation conditions in soil and groundwater is moderate to large. Potential contamination can easily be transported down to the groundwater. Lead is classified as a substance with very high hazard, but is relatively immobile in the soil since it is oxidized to more stable compounds. Shooting range located on the basis of the overall assessment of the risk class 3. If any new information on the presence of lead in shooting facilities arises risk class should be revised.	metals

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
F.d. Polar Wood Säg (Ex Polar Wood Saw)	Gällivare				Sawmill industry	Industry	3		<p>The repository which was installed after the saw mill went bankrupt in 1988 the area is used for storage of material; this activity is now in liquidation. How the activity which took place during the period of the saw mill is difficult to comment on. Dissemination conditions are assessed as high in both soil and groundwater because the upper part consists of filling, which then turns into permeable soils. Although the spread of surface water conditions are considered large for the fact that it is close to the River Line (about 10 m) the area's conservation value is considered moderate in existing soil and groundwater since the area's ecosystem is usual for region and only slightly disturbed. Protecting the value of surface water is considered large since the Lina River is used for recreational purposes including fishing. Area sensitivity is assessed as high because the groundwater was used for drinking and professionals are exposed during working hours. The object is deemed to pose a moderate risk (risk category 3) because the present current land use has no risk to humans and the environment, and that the possible hazardous substances handled on the spot occur in low concentrations. However, sampling was only carried out on the outskirts of storage sites and at any earthworks additional sampling in areas would be desirable.</p>	Hazardous substances

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Samhall AB	Gällivare				Sawmill surface treatment of wood	Industry	3		<p>Tidy and clean appearance during site visit only water-based stains and varnishes are visible, while earlier there where previously used solvent-based. No visible traces of pollution. Surface treatment plant in the form of a sprutbox is a partial end system and should not generate any direct contamination during process on this properly. Dissemination conditions are assessed as high in both soil and groundwater when ground consists of permeable to normal dense soils. Area and facility sensitivity is assessed as high due to professionals to stay in daytime place. Area's conservation value is considered small when it is heavily influenced by the industrial activity that has been carried out. Pollutants that are suspected to occur in the area are dangerous. Under the risk-rating chart is the object moderate (risk class 3) at high risk (risk category 2). The operations were carried out during a long period (since 1963). The present assessment is based on how the business is managed today. Operations are conducted indoors in one of seemingly reliable, and many chemicals have been replaced to more environmentally friendly chemicals. Therefore, the object is assessed as a moderate risk (risk category 3) at present. However, a spread to nearby residential area cannot be excluded. In the face of eventual change of land use or activity would require an environmental technical study to provide clarification on the pollution situation and thus may be categorised into a new risk class.</p>	POPs, hazardous substances

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Landströms Bygg och Plåt (Construction and sheets)	Gällivare				Plastic manufacturing	Industry	3		<p>On the site steel scrap and discarded flexi fabric lay scattered in piles, awaiting removal. Former operator left a few things on the property, including an oil tank which was initially reported to be empty. Two barrels with chemical residue were seen on unprotected gravel soil near the engineering building. A dozen empty polyesterfat and some empty chemical drums and a bunch of hardened plastic were placed on the unprotected land. The business used many chemicals in liquid form and soil contamination could have occurred through spillage or leakage. Operations are conducted on a smaller scale, with only two employees.</p> <p>Dissemination conditions are considered very high in both soil and groundwater the soil is composed of permeable discards. Area and plant sensitivity assessed as high due to professionals daily activity on the spot. Area's conservation value is considered small as it has been heavily influenced by the industrial activity that has been on going. The suspected pollution in the area is dangerous. The area is designed for industrial use and it is far from a watercourse. The object has been assessed as moderate risk (risk category 3) because of the hazards of chemicals, which have handled and stored on the unprotected land therefore contamination, may have occurred. An environmental technical study would clarify a possible pollution situation and eventually put into a new class risk.</p>	Hydrocarbons, Metals, Hazardous substances
Nord Polymer AB	Gällivare				Plastic manufacturing	Industry	4		<p>The business is carried out on a small scale. Production is carried out in closed systems, in a clean room. All plastic materials are delivered in solid granule form. Possible leak of hydraulic oil from machines that working under high pressure could cause pollution to the land and water also loss of granules during transport. The likelihood that a leak of hydraulic oil could spread into the soil and water is considered very low. The business is located within a modern industrial park, surrounded by hard surfaces and end drains.</p> <p>Dissemination conditions of soil and groundwater is considered as moderate to large when the soil is composed of dense normal to the permeable soils and discards. Area's sensitivity is considered large when the professionals are exposed during the daytime. Area's conservation value is considered low when the area is heavily influenced by industrial activities. Under the risk-rating chart, the object would be moderate risk (risk category 3). However, it is highly unlikely that any contaminants would spread to land and water, because the indoor activity. Completely closed production processes and raw materials delivered in a solid form reduce the risk for pollution dispersion. The object is therefore placed in risk class 4.</p>	Hydrocarbons, PCBs

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
PA Hydraulservice (Hydraulic Service)	Gällivare				Manufacturing Industry	Industry	3		The site is only a small activity, with only five employees. Dissemination conditions are assessed as high in both soil and groundwater when ground is exposed to discards. Area and plant sensitivity considered significant due to professionals lengthy periods of working on the site. Area conservation value is considered small as it is heavily influenced by the industrial activity that has been on going. Suspected pollutants are considered dangerous. The object has been assessed as moderate risk (risk category 3) because of the hazards of chemicals and the risks of spreading to residential areas can not be excluded. An environmental technical study would provide clarification of the pollution situation.	Hazardous substances
GEMA Industri AB	Gällivare				Manufacturing Industry	Industry			In the backyard there are steel shavings stored in a container on non paved surface. This material is solid, but may contain cutting fluids. No apparent direct land contamination could have been caused by them. Dissemination conditions are assessed as high in both soil and groundwater as the ground consists of permeable to normal dense soils. Area and facility sensitivity is assessed as high due to daytime workers. Area's conservation value is considered small as it is heavily influenced by the industrial activity that has been ongoing. Possible pollution is dangerous. Under the risk-rating chart is the object moderate (risk category 3) at high risk (risk category 2). The area has been used over a long duration as an industrial site (since 1970). Earlier activities are not clear. The current assessment is therefore based on the current business management. The ground looked good and most of activities are conducted indoors with good practice. Therefore the item is considered as a moderate risk (risk category 3) at present. In the face of an eventual change of land use or activity there would have to be an environmental technical study perhaps showing a possible pollution situation and thus may be given a new risk class.	metals

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Tväråns Säg, Vassaraträsk	Gällivare				Wood preservation	Industry			<p>Tväråns wood preservation business was conducted between 1953 and 1984, preservation of wood with the so-called CCA funds containing arsenic, copper and chromium. The preservation was carried out on a property near Gällivare railway station for most of the 1900s which was used for industrial activities. Among other things, a transformer station that existed on the site was used for railway power supply until the 1950s. Area centrally located in Gällivare, by Lake Vassara Swamp. An environmental forensic examination of the area conducted in 2001 showed that the larger part of the site was contaminated mainly by CCA funds. A risk rating as MIFO placed the object in the risk category 1. In 2002 the area was cleaned up, the transformer building was demolished and contaminated soil and building components were transported to landfills for hazardous waste. Total excavation was 13,020 tonnes of soils and 4.2 tonnes of arsenic were removed from the area. The goal of consolidation was that the area could be given a green light and be used for industrial purposes, without risk to human health or environment. An additional objective was to protect Vassara Swamp from the influence of harmful substances. Today, the area planted and future land use will consist of a green park area.</p> <p>For further information regarding recovery refers to the forthcoming final report, "Final Report. Remediation of the former Tväråns Saw, 2002".</p>	Metals, PCBs - POPs, hazardous substances.
AB Krekula och Lauris såg *	Pajala				Wood preservation	Industry	2		<p>Sawmill operations have been conducted on the site since 1953. Between 1974-1987 timber merged with CP-Cuprinol and then with Cuprinol Press. The plant has burned several times (last 1996). In connection with site clearance and construction after these fires have given meant that some excavation of land masse has occurred.</p> <p>On site, there has been pressure preservation with a PCP-based preparations (CP-Cuprinol). This means that the land in connection with the preservation site which may be contaminated with dioxin, which has not been analyzed in the past studies. The risk of dioxin presence means that the object is placed in risk class 2, ie. it is deemed to pose significant risk to human health and the environment. Earlier assessment: "The presence of chemicals with high hazard lies in both ground-water samples as the level of the area of normal background, with the exception of zinc content in the sediment sample. The investigation was recorded in 1990 copper levels of 400 to near 1700 mg / kg DM. These samples were taken directly over the old wood treatment facility; a location that is currently under construction. The</p>	POPs, Hazardous Substances

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Keros Läder AB *	Pajala	Sattajärvi			Tannery	Industry	2		Tannery since 1929, chromium used between 1987 and 2001. The biggest impact to the environment is probably through the discharge to the surface, which means that the sediments in the lakes are most likely to be affected. The pollution level is unknown however and should be verified. Since a number of chemicals used, in large quantities at the time of operation and for a long duration therefore there is a risk that buildings and land are polluted. Because of the large diffusion conditions there is a high risk that pollution is in the sediments. The local people live there permanently, so the sensitivity of the land is assessed very high. Protecting the value of land and groundwater is considered moderate (rural areas) while the protective value of surface water and sediment is considered very large (Natura 2000 site). The Overall assessment becomes the object assigned to risk class, 2.	Metals
Korpilombolo Industrihus AB	Pajala	Korpilombolo			Metal surface treatment	Industry	2		Painting activities were boxed in where the coating of automobiles and plate occurred. Coating operations were active from 1964 until the 90s. Pollution hazard is moderate to very high. Proliferation conditions of buildings and structures considered void for reasons that area is asphalt covered, while the conditions for dispersion of pollutants in soil and groundwater and in surface water is considered large. The pollution level is estimated to be moderate in both buildings and structures and in soil. There is an area where the fuel handling has been partially decontaminated by SPIMFAB. The remediation report indicated that residual contamination remained in the soil and groundwater after remediation. Protecting the value of land and groundwater is to be assessed for the moment not possible as the area is asphalted. The sensitivity areas surrounding the buildings and facilities; soil and groundwater and surface water and sediment are considered high. This is because the area is not fenced in, adjacent to the building there are children residing in close proximity to (and probably also often within) the obj. Since there is a risk that people could be exposed to pollutants in the area it is considered a risk class 2, ie. it represents a significant threat to human health and the environment.	Hydrocarbons, Metals, Hazardous Substances

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Pajala Bil och Plåt (Pajala) *	Pajala				Motor vehicle scrap and scrap trade	Automotive Industry	2		Scrap cars since 1983, in operation. Because of the long-term activities in the area and the storage of wastes which occurred, there is quite a high risk of contamination in the area. The pollution level is a rough estimate. The sensitivity of the land is highly dependent on that housing which is directly connected to the business. Sensitivity to water judged to be moderate unable for reasons that it is not used for drinking water and groundwater and surface water flows into the Torne River, where dilution will occur. Protecting the value of land is assessed as moderate, while the protective value of surface water and sediment is considered very high (Natura 2000 site). With the above-made assessments it is assigned as class risk 2.	Hydrocarbons, Metals, Hazardous Substances
Pajala skytteförening *	Pajala	Pajala			Shooting Range	Civil Shooting Range	2		Rifle range was built 1943. Used by the members for rifle shooting. Currently, the burden on the shooting range is small to moderate, as the association has only eight active members. Shooting Activities have been conducted over relatively long time since the shooting range opened in 1943. This means that large quantities of lead have accumulated. Diffusion conditions are considered to be moderate to high in soil and groundwater due to high permeability (eg sand). The soil can easily penetrate through the soil layers to groundwater. With ammunition containing lead, the danger is classified as very high. In ground form, however, lead relatively quickly stable compounds, thus reducing its mobility. Area conservation value is considered moderate, because the habitat type is common for the region. Although the sensitivity is assessed as moderate, the distance to the housing is relatively far. Based on the overall assessment placed the object in risk class 2, ie. it constitutes a major risk for humans and the environment. When work is completed, it would be desirable to investigate the extent and g	metals
Tornedalens plåt och lack (plate and lacquer)	Pajala	Pajala			Metal surface treatment	Industry	3		Has been operational since 1964. Activities include a garage with sprutbox where repairs and coating of automobiles are made. Today the site is used as a garage, activities include car paint. Hazard of pollution that may occur at the industry is moderate to very high. Proliferation conditions of buildings and structures not possible as the area is covered in asphalt, while the conditions for dispersion of pollutants in soil and groundwater is considered moderate. The need to protect the land and groundwater is assessed be small. This is because the object is located in an industrial area. The sensitivity for buildings and facilities, land and groundwater is considered moderate. This is because the area is not fenced and adjacent to the building. Overall considered the item as a moderate risk to humans and the environment, and assigned risk class 3.	Hydrocarbons, Metals, Hazardous Substances

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
OK Keräntöjärvi	Pajala	Keräntöjärvi			Fuel Management	Oil	3		Fuel Management between 1985 and 2005. Pumps and storage tanks were not removed. Hazard of pollution is high to very high. Diffusion conditions in soil and groundwater and surface water is considered to be moderate. The sensitivity for buildings and facilities, land and groundwater and surface water and sediments are estimated to be very high. Since no signs of pollution in the area exist it is assumed that the pollution levels are moderate. Therefore judged the object together pose a moderate risk to human health and the environment, ie. is assigned risk class 3.	Hydrocarbons
Vennbergs åkeri	Pajala	Pajala			Fuel Management	Oil	3		Fuel Handling. The property has been in the haulage business conducted gas handling for personal use. Two gas pumps above ground are connected to underground storage tanks. Hazard of pollution is high. Diffusion conditions in the soil and groundwater and surface water is considered to be moderate. The sensitivity of soil and groundwater is considered significant, while the protective value of land and groundwater is assessed be moderate. Since no signs of pollution in the area are present pollution levels are considered to be moderate and, therefore, constitute the object a moderate risk to humans and the environment, ie. the assigned risk class 3.	Hydrocarbons
Flygplats Junosuando (Airport)	Pajala	Junosuando			Fuel Management	Oil	3		Taking off and landing strip for small airplanes used for spraying. Used by small aircraft, for timber transport and spraying of the forest, in the 60s. The sensitivity and protection value for soil and groundwater in the area is considered moderate protection and value for surface water and sediments in the area is considered very great because närrecipienden is a Natura 2000 area. The object is assigned to risk class 3, ie. it is thought to pose a moderate risk to humans and the environment. This is because pollution hazards and it is unknown why the vegetation has not re-established itself.	hydrocarbons, hazardous substances

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Olles bildemontering (Teurajärvi)	Pajala	Teurajärvi			Motor vehicle and scrap trade	Automotive Industry	3		Scrapping cars and in the scrap trade between 1976 and 1980 (Pettersson's garage and Bildemontering) and 1980 and 1983 (Olles Bildemontering). However, scrap was stored on the area until 1986, when a considerable number of cars were buried into the ground. Property was renovated in 1990, area of 3,000 m ² was dug up and the car scrap and oil-contaminated lots were removed. Hazard of pollution is moderate to very large. The property was renovated in 1990, but it is unclear how deep the exhumation was. On one occasion pollution was found in the drinking water in the nearest neighbourhood, which indicates a presence of pollutants in and spread from the area, and it is unclear whether all the impurities were removed from the property and how large the spread was and if it is still ongoing. There is a risk that the pollution level is moderate in both soil and groundwater. Diffusion conditions in the soil and groundwater and surface water is considered to be moderate to large. Where exhumation took place the area was backfilled with sand (which has wide spreading conditions), but land in general (where possible pollution exists) is of moderately permeable s	Hydrocarbons, Metals, Hazardous Substances
POAB Bil- och Skoterdemontering (Scooter dismantling)	Pajala	Pajala			Motor vehicle and scrap trade	Automotive Industry	3		1983-1988; Olles Bildemontering: Disposal and scrapping of cars. Disassembly of about 500 cars per year until 1986. 1988-1993/1994, POAB: Disposal and scrapping of cars. Disassembly of about 100 cars per year. 1995, 6 months, Kurt's Tire Service: Demolition of about 1000-1500 cars remain on the property. Hazard of pollution is moderate to very large. Diffusion conditions in soil and groundwater and surface water is considered to be moderate. However, a spread of contamination has occurred, contamination was found in several places within the property ring the site visit on the 28 08-2007. Because of this risk the pollution levels are high in both soil and groundwater and in the buildings. Susceptibility and protective value of the buildings, land and groundwater and surface water and sediment is considered moderate. Since the area is a Natura 2000 area, protection of the surface water and sediment must be of a high standard. Since there is also a risk that people will be exposed to pollutants in the area the two categories are assessed together, the object to be between risk classes 2 and 3. Since contamination with a maximum hazard consists of lea	Hydrocarbons, Metals, Hazardous Substances
Kurts Däckservice HB * (Kurt's Tire Service * HB)	Pajala				Motor vehicle and scrap trade	Automotive Industry	3		Car scrap between 1995 and 2003. The pollution level is assessed as moderate for the reason that it was a small business and has had little activity, and finally the fact that the activity time has been short. The scrap activity took place mainly indoors, and the used oil was stored inside a barrel. The pollution level is roughly estimated. Diffusion conditions are far from the field, with the dominant discards and sand in the area. The sensitivity and protection value is considered moderate due to industrial land and that the distance to the nearest water and housing is far. The object therefore placed in risk class 3, ie. it is considered to pose a moderate risk to human health and the environment	Hydrocarbons, Metals, Hazardous Substances

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Smedqvist Bil & Däckservice * (Smith Qvist Auto & Tire Service *)	Pajala				Motor vehicle and scrap trade	Automotive Industry	3		Car scrap yard between 1991 and 2002. About 30 cars were collected each year. Hazard of pollution is moderate to very large. Diffusion conditions in soil and groundwater and surface water is considered to be large. The sensitivity in the area is considered significant for both soil, groundwater, and surface water, due to these reasons it is believed that professionals are exposed during their working hours and leaching of groundwater made in the area. Protecting the value of land and groundwater and surface water are assessed due to proximity of polluted areas to be very large. Despite this, the item is considered collectively belong to risk class 3, ie. there is a moderate risk to human health and the environment, because pollution levels be considered moderate in both soil and groundwater.	Hydrocarbons, Metals, Hazardous Substances
Staffan Grape verkstad (workshop)	Pajala				Engineering industry (Verkstadsindustri)	Industry	3		Some welding work was carried out in 1960-63, and then the haulage business started on the property. The firm still exists today but has been inactive for many years. Hazard of pollutants that are suspected to occur on the object are moderate to very high. Conditions for the spread of pollutant in soil and groundwater is considered significant. Protecting the value of land and groundwater and surface water and sediment is considered moderate, while the sensitivity for buildings and facilities, land and groundwater is considered very large. The sensitivity of surface water and sediment is considered large. Since suspected contamination of the object is judged to be the level of contamination moderate in both buildings and facilities and in soil and groundwater. Overall deemed to belong to the object	Hydrocarbons, metals
Pajala Mekaniska Verkstad AB (Pajala Mechanical Engineering AB)	Pajala				Engineering industry (Verkstadsindustri)	Industry	3		From 1973-1977/78: the production included radiators, computers, floors and shelves. Washing of plates with different solvents in the laundry. Coating of some products in sprutbox and was carried out. The production of folding heads of forestry machinery. From 1977/78-1980: manufacture of drilling rigs for mining machinery, air cylinders and suspension bridges (the provincial government) and drop heads for forestry machines. From 1980-1990: production of such steel structures, but also some secret work was performed at the Armed Forces. Pollution hazards that are suspected to occur on the object are moderate to very high. Conditions for the spread of pollutants in soil and groundwater is considered significant. Protecting the value of land and groundwater judged to be small, while the sensitivity of buildings and land and groundwater is considered moderate. Suspicion of contamination on object is judged to be moderate pollution levels in both buildings and plants and in soil and groundwater. Overall, the item is considered to belong risk class 3, ie. there is a moderate risk to humans and	Metals, Hazardous Substances

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Kitkiöjärvi jaktskytteklubb	Pajala	Kitkiöjärvi			Shooting Range	Civil Shooting Range	3		Wildlife tracking course was built in 1979. Members use rifles for shooting. Kitkiöjärvi Jaktskytteklubb is used for target shooting in a limited way: one month a year. The period of activity is relatively long, because the course has been used since 1979. The load on the shooting range is considered moderate as the number of members present amounts to 40-60 per year. Sliding surface of the track has importance of spreading the conditions of soil and groundwater. Permeable soils (eg sand) has high permeability, resulting in increased risk of transport of contaminants through soil layers to groundwater. Lead considered as a very high hazard. Lead tends to be rapidly oxidized to stable compounds in soil, reducing its mobility. Although PAHs are a very high hazard, presence of this substance in the area believed to be small. Area's conservation value is assessed as moderate, as the habitat type is common in the region. Reassuring distance of homes means therefore the sensitivity is assessed as moderate. The overall risk assessment that the object is placed in risk class 3, ie. there is a moderate risk	metals
Junosuando skytteförening *	Pajala	Junosuando			Shooting Range	Civil Shooting Range	3		Rifle range was built in 1971. It is used by members for rifle shooting. Despite the high toxicity of lead and the high protection value in the area shooting range is not considered to pose a significant risk of lead diffusion to surrounding areas. This is because the shooting was conducted on a limited scale, only in August for elk hunting, therefore pollution levels, are considered low or moderate. The result is that the object is classified as a risk level 3, ie. there is a moderate risk to humans and the environment	metals
Texaco Tärendö	Pajala	Tärendö			Fuel Management	Oil	4		Fuel Handling. On the property, according to anecdotal evidence there used to be a Texaco service station. According to information which has been confirmed there was an incident in 1989 when 1000 liters of diesel oil leaked. Oil contaminated underground shafts were removed and driven to the tip of Tärendö, but whether all the pollution has been removed is unclear. Otherwise, not much information about the item found. Hazard of pollution is moderate to very large. Diffusion conditions in soil and groundwater and surface water is considered to be large. The sensitivity for soil and groundwater and surface water and sediment is considered very large, like the protection value of surface water and sediments, whereas the sensitivity of soil and groundwater is considered moderate. Since no traces of impurities within the area were found it is considered that the level of contamination is small and therefore considered the item collectively represent only a small or no risk to humans and the environment, ie. the assigned risk class 4	Hydrocarbons

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
OK Tärendö	Pajala	Tärendö			Fuel Management	Oil	4		Fuel Handling. On the property there was an OK service station, built in 1958. Otherwise, not much information about the item found. Hazard of pollution is moderate to very large. Diffusion conditions in soil and groundwater and surface water is considered to be large. The sensitivity for soil and groundwater and surface water and sediment is considered very large, like the protection value of surface water and sediments, whereas the sensitivity of soil and groundwater is considered moderate. Since no trace of impurities within the area was found, it is considered that the level of contamination is small and therefore the item constitutes a small or no risk to humans and the environment, ie. the assigned risk class 4	Hydrocarbons
Uno-X, Aros Livs	Pajala				Fuel Management	Oil	4		Fuel Handling, between 1959 and 1996, when Uno-X paid for decontamination of the area. Remediation was performed by pump Sjögren AB who absorbed and removal the pump foundation and two tanks (each of 5 000 l). There remained two tanks (each containing 10 000 l) these were cleaned and filled with sand. Contaminated soil was deposited at Pajala landfills. Hazard of pollution is moderate to very large. Diffusion conditions in soil and groundwater and surface water is considered to be moderate. The sensitivity for soil and groundwater and surface water and sediment is considered very large, like the protection value of surface water and sediments, whereas the sensitivity of soil and groundwater is considered moderate. Since the station cleaned up, assessed pollution levels to be small and therefore judged the object together form a little risk to humans and the environment, ie. the assigned risk class 4.	Hydrocarbons
Theodor Nykäinens bilskrotning (Theodor Nykäinens car scrapping)	Pajala				Motor vehicle and scrap trade	Automotive Industry	4		Site was used for the scrapping of cars and metal trade between 1992 and 1999. Hazard of pollution is moderate to very large. Diffusion conditions in soil and groundwater and surface water is considered to be moderate. Pollution level is considered to be moderate in soil and groundwater and in the buildings. Overall, this item is estimated to be between a risk class 3 and 4. The time of operation was relatively short and the contamination with maximum hazard is lead. Exposure risk is relatively small for a shared object risk category 4, ie. it is only a small risk to humans and the environment	Hydrocarbons, Metals, Hazardous Substances

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Olas svets och rep HB	Pajala				Engineering industry (Verkstads industri)	Industry	4		Heavy repairs to tractors and trucks for Krekula & Lauris sawing. Today it is a small forestry company with a garage and workshop for repairs of their own machines. Although the toxicity of certain pollutants which could be present is high and spreading conditions to soil and groundwater as well as in surface waters in the area is considered high estimated levels of contamination is considered to be small when there is no evidence to suggest that soil or groundwater contamination is on the site. The sensitivity of the area is considered very high, as well as the protection value. There is no suspicion of contamination in either land or water therefore it is considered to belong to the object risk category 4, ie. there is little or no risk to humans and the environment.	Hydrocarbons, Metals, Hazardous Substances
Folke Tornbergs Mekaniska Verkstad (Mechanical Workshop)	Pajala				Engineering industry (Verkstads industri)	Industry	4		Between 1977/78 and 1982/83 fabrication of saunas and computer boxes for Zampo. Hazard of suspected pollutants moderate to very high. Conditions for the spread of pollutants in soil and groundwater is considered significant. Protecting the value of land and groundwater judged to be small, while the sensitivity of buildings and land and groundwater is considered moderate. Since there is no indication that the area is contaminated The assessment considered the level of contamination to be small in both buildings and structures as well as in soil and groundwater. Overall, therefore, the object is considered to belong to level 4, ie. there is little or no risk to humans and the environment	hazardous substances
TB Tryck (Press)	Pajala				Graphic Industry	Industry	4		Printing of the magazine Tornedalsteatern blade and office accessories such as invoices etc. Hazard of pollution is moderate to very high. Diffusion conditions from buildings and structures deemed to be small, but large in land and groundwater. The sensitivity of buildings and structures, soil and groundwater and surface water and sediment is considered to be very large, like the protection value. Concerning the surface water and sediment since the activity has been used for a relatively short time considered pollution levels to be low in the buildings and facilities and land and groundwater and therefore the object was judged to constitute only a small risk for humans and the environment, ie. the assigned risk class 4.	POPs, hazardous substances

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
TB Tryck (Ljungen 11) (Press)	Pajala				Graphic Industry	Industry	4		Printing of the magazine Tornedalsteatern blade and office accessories such as invoices etc. Hazard of pollution is moderate to very high. Diffusion conditions from buildings and structures deemed to be small, but large in land and groundwater. The sensitivity of buildings and facilities and land and groundwater is considered moderate. Protecting the value of land and groundwater is assessed be small. Since the activity was relatively low assessed level of contamination be small in buildings and facilities and in soil and groundwater, and therefore assessed object together constitute only a small risk to humans and environment, ie. the assigned risk class 4	hazardous substances
Tages Tryck (Tages Press)	Pajala			11:37	Graphic Industry	Industry	4		Operating for 8 years, the printing of the newspaper Tornedalsteatern blade and office accessories such as invoices, etc. Hazard of pollution is moderate to very high. Diffusion conditions from buildings and structures deemed to be small, but large in land and groundwater. The sensitivity of buildings and facilities and land and groundwater is considered moderate. Protecting the value of land and groundwater is assessed be small. Since the activity was relatively low assessed level of contamination be small in buildings and facilities and in soil and groundwater, and therefore assessed object together constitute only a small risk to humans and environment, ie. the assigned risk class 4	hazardous substances
Oljegrusverk Tärendö Allmänningsskog 3:1	Pajala	Tärendö			Asphalt works (Oljegrus- och asfaltsverk)	Industry	4		Although the toxicity of pollutants (petroleum products) is considered high there has only been small to moderate traces found on the site. Diffusion conditions and the sensitivity of the value and protection of soil and groundwater vary from small to large. For all objects except one which is in the Närrecipienten Natura 2000 area, the protective value of surface waters in the area is considered very high. Because of the relatively low exposure risk and the short time of operation is considered object to belong risk category 4, ie. representing only a small or no risk to humans and the environment.	Hydrocarbons
Oljegrusverk Krp Östra Liminkajärvi	Pajala	Liminkajärvi			Asphalt works (Oljegrus- och asfaltsverk)	Industry	4		Although the toxicity of pollutants (petroleum products) is considered high there has only been small to moderate traces found on the site. Diffusion conditions and the sensitivity of the value and protection of soil and groundwater vary from small to large. For all objects except one which is in the Närrecipienten Natura 2000 area, the protective value of surface waters in the area is considered very high. Because of the relatively low exposure risk and the short time of operation is considered object to belong risk category 4, ie. representing only a small or no risk to humans and the environment.	Hydrocarbons

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Oljegrusverk Kangos 15:1	Pajala	Kangos			Asphalt works (Oljegrus- och asfaltsverk)	Industry	4		Although the toxicity of pollutants (petroleum products) is considered high there has only been small to moderate traces found on the site. Diffusion conditions and the sensitivity of the value and protection of soil and groundwater vary from small to large. For all objects except one which is in the Närrecipienten Natura 2000 area, the protective value of surface waters in the area is considered very high. Because of the relatively low exposure risk and the short time of operation is considered object to belong risk category 4, ie. representing only a small or no risk to humans and the environment.	Hydrocarbons
Oljegrusverk Limingojärvi 6:1	Pajala	Limingojärvi			Asphalt works (Oljegrus- och asfaltsverk)	Industry	4		Although the toxicity of pollutants (petroleum products) is considered high there has only been small to moderate traces found on the site. Diffusion conditions and the sensitivity of the value and protection of soil and groundwater vary from small to large. For all objects except one which is in the Närrecipienten Natura 2000 area, the protective value of surface waters in the area is considered very high. Because of the relatively low exposure risk and the short time of operation is considered object to belong risk category 4, ie. representing only a small or no risk to humans and the environment.	Hydrocarbons
Oljegrusverk Pajala 15:53	Pajala				Asphalt works (Oljegrus- och asfaltsverk)	Industry	4		Although the toxicity of pollutants (petroleum products) is considered high there has only been small to moderate traces found on the site. Diffusion conditions and the sensitivity of the value and protection of soil and groundwater vary from small to large. For all objects except one which is in the Närrecipienten Natura 2000 area, the protective value of surface waters in the area is considered very high. Because of the relatively low exposure risk and the short time of operation is considered object to belong risk category 4, ie. representing only a small or no risk to humans and the environment.	Hydrocarbons
Oljegrusverk Östra Pajala 1:1	Pajala				Asphalt works (Oljegrus- och asfaltsverk)	Industry	4		Although the toxicity of pollutants (petroleum products) is considered high there has only been small to moderate traces found on the site. Diffusion conditions and the sensitivity of the value and protection of soil and groundwater vary from small to large. For all objects except one which is in the Närrecipienten Natura 2000 area, the protective value of surface waters in the area is considered very high. Because of the relatively low exposure risk and the short time of operation is considered object to belong risk category 4, ie. representing only a small or no risk to humans and the environment.	Hydrocarbons

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
Oljegrusverk Lahnasuando 1:1	Pajala				Asphalt works (Oljegrus- och asfaltsverk)	Industry	4		Although the toxicity of pollutants (petroleum products) is considered high there has only been small to moderate traces found on the site. Diffusion conditions and the sensitivity of the value and protection of soil and groundwater vary from small to large. For all objects except one which is in the Närrecipienten Natura 2000 area, the protective value of surface waters in the area is considered very high. Because of the relatively low exposure risk and the short time of operation is considered object to belong risk category 4, ie. representing only a small or no risk to humans and the environment.	Hydrocarbons
Bilfirma Karl Bergdahl AB (oljeförvaring) (Car dealership Charles Bergdahl AB (oil storage))	Pajala				Other	Automotive Industry	4		The property has been used to store oil in the 70 - and 80's. Hazard of past pollution is high. Diffusion conditions in the soil and groundwater is considered moderate. The pollution level estimated to be low in both soil and groundwater. The sensitivity for soil and groundwater is considered low, while the protection value of land and groundwater is considered moderate. Since there are no visible traces of pollution in the area as well as the risk of exposure is considered small object collectively belong to risk class 4, ie. there is little or no risk for humans and the environment.	Hydrocarbons
Jokkmokks avr	Jokkmokk	Kyrkostaden 1:2	7395000	1680100	Water treatment plant	Domestic	4			Needs Further Characterization
Kvikkjokk avloppsreningsverk	Jokkmokk	Kvikkjokk 3:23	7429100	1583000	Water treatment plant	Domestic	4			Needs Further Characterization
Porjus avr	Jokkmokk	Porjus 1:2	7434700	1674900	Water treatment plant	Domestic	4			Needs Further Characterization
Saltoluokta Fjällstations avloppsanläggning / Jokkmokks kronoöverloppsmark	Jokkmokk	Saltoluokta	7480250	1617100	Water treatment plant	Domestic	4			Needs Further Characterization
Betongstation Suorvamagasinet	Jokkmokk	Suorva	7488900	1607550	Concrete and cement industry	Industry	3			Needs Further Characterization
LBC Betongstation/ Jokkmokks betongstation	Jokkmokk	Kyrkostaden 1:747	7395100	1675995	Concrete and cement industry	Industry	3			Needs Further Characterization

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Peters Plåt och Lack (bilsrot)	Jokkmokk	Kyrkostaden 1:730	7395070	1680100	Car scrapping and scrap trade	Automotive Industry	3			Metals, Hazardous Substances
AB Hedlunds Bilfrakt	Jokkmokk	Kyrkostaden 1:49	7395844	1678022	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Arne Palmgrens Åkeri	Jokkmokk	Kyrkostaden 1:705, Kyrkostaden 1:618	7395134	1676319	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Bilfrakt i Jokkmokk AB garage	Jokkmokk	Kyrkostaden 1:707	7395131	1676392	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Conny & Peter Isaksson åkeri AB	Jokkmokk	Kyrkostaden 1:626	7395507	1677012	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Däckia AB	Jokkmokk	Kyrkostaden 1:721	7395178	1679841	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons

Name / Object	Municipality	City Village Place Name / Address	x-koord	y-koord	Industry / Activity	Industry Family	Risk Class	Status	Commentary	Family of Contamination
F.d. Hedlunds Bussar AB	Jokkmokk	Kyrkostaden 1:505	7395446	1677274	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Fjällströms gräv och schakt	Jokkmokk	Stenstorp 1:36	7395313	1677252	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Frits Lundmark och son åkeri AB	Jokkmokk	Herrgården 1:102	7395808	1679004	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Grävteknik Stefan Henriksson AB	Jokkmokk	Jokkmokk 9:42	7395594	1678564	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Gustavssons åkeri i Jokkmokk AB	Jokkmokk	Stenstorp 1:37	7395307	1677278	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Gustavzon Rune Lastbilsåkeri	Jokkmokk	Stenstorp 1:37	7395307	1677278	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons

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Göte Zetterwalls Gräv & Schakt Aktiebolag	Jokkmokk	Jokkmokk 10:89	7395198	1678232	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Hanssons Åkeri	Jokkmokk	Kyrkostaden 1:710	7395054	1676306	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Hedins hjulgrävmaskiner AB	Jokkmokk	Kyrkostaden 1:507	7395126	1676129	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Hägglunds och Granströms AB	Jokkmokk	Kyrkostaden 1:706	7395138	1676358	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Lapplandsbergaren	Jokkmokk	Kyrkostaden 1:84	7395743	1677880	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Lapplandslast AB	Jokkmokk	Kyrkostaden 1:730	7395066	1680105	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons

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Lastbilscentralen/ Bilprovning	Jokkmokk	Kyrkostaden 1:1	7395798	1678902	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Levins bilservice	Jokkmokk	Kyrkostaden 1:122	7395800	1678220	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Lundmans åkeri Jokkmokk AB	Jokkmokk	Porjus 1:78	7434548	1675124	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Nya Bil bilcenter i Jokkmokk	Jokkmokk	Jokkmokk 9:55	7395703	1679066	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Porjus Åkeri AB	Jokkmokk	Porjus 1:78	7434548	1675124	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Rickards maskiner i Jokkmokk AB	Jokkmokk		7395294	1678240	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons

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Sandströms Åkeri	Jokkmokk	Kyrkostaden 1:703	7395119	1676216	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Sudok Transport AB / Lapplands lastmaskiner i Jokkmokk	Jokkmokk	Jokkmokk9:2 2	7395731	1678390	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
TM Gräv & Frakt	Jokkmokk	Kyrkostaden 1:726	7395008	1675986	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Tomas Falks Last	Jokkmokk	Stentorp 1:10	7395206	1678056	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Wallmarks Åker & Entreprenad	Jokkmokk	Randijaur 8:15	7412120	1652847	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons
Volvo	Jokkmokk	Jokkmokk 9:55	7395698	1679070	Car Care Facility garage and haulage contractors	Automotive Industry	3			Hydrocarbons

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Enboms Bensin & Fritid	Jokkmokk	Kyrkostaden 1:145	7395581	1678344	Fuel Handling	Oil	2			Hydrocarbons
Forsgrens Livs & Bensin AB	Jokkmokk	Kyrkostaden 1:122	7395800	1678222	Fuel Handling	Oil	2			Hydrocarbons
OK Porjus	Jokkmokk	Porjus 1:93	7434962	1675420	Fuel Handling	Oil	2			Hydrocarbons
OKQ8 Jokkmokk	Jokkmokk	Kyrkostaden 1:120	7395500	1678050	Fuel Handling	Oil	2			Hydrocarbons
Statoil Jokkmokk	Jokkmokk	Kyrkostaden 1:122	7395800	1678220	Fuel Handling	Oil	2			Hydrocarbons
UnoX, Renströms mack	Jokkmokk	Porjus 1:84	7434925	1675450	Fuel Handling	Oil	2			Hydrocarbons
Lapplandsflyg/ Lap AIR AB	Jokkmokk	Årrenjarka 2:3	7428568	1584570	Airport	Civil Aircraft	2			Needs Further Characterization
Porjus Flygplats	Jokkmokk	Porjus 1:138	7435327	1675896	Airport	Civil Aircraft	2			Needs Further Characterization
Skabrams Sjöflyg	Jokkmokk	Dragnäs 1:2	7395329	1675033	Airport	Civil Aircraft	2			Needs Further Characterization
Vårdcentralens Helikopterplats	Jokkmokk	Kyrkostaden 1:275	7395157	1678937	Airport	Civil Aircraft	2			Needs Further Characterization
	Jokkmokk	Kyrkostaden 1:737	7394998	1675818	Airport	Civil Aircraft	2			Needs Further Characterization
Jokkmokks värmeverk	Jokkmokk	Herrgården 1:98	7395987	1678611	Incinerator	Landfill/Dump	3			Needs Further Characterization
Niza Reklamtryckeriet	Jokkmokk	Jokkmokk 10:24	7395415	1678654	Graphic Industry	Industry	3			POPs, hazardous substances

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Reklamjournalen	Jokkmokk	Jokkmokk 10:29	7395383	1678712	Graphic Industry	Industry	3			POPs, hazardous substances
Alkavare blyfyndighet med silverbrytning Jokkmokks kronoöverlopsmark	Jokkmokk		7472700	1560800	Mine and heap	Mining	3			Metals
Kvikkjokks silverhytta	Jokkmokk	Kvikkjokk 1:1, Kamajokk 1:1	7429740	1583550	Mine and heap	Mining	3			Metals
Lanjek blyfyndighet med silverbrytning Jokkmokks kronoöverlopsmark	Jokkmokk	Kvikkjokk	7475000	1562000	Mine and heap	Mining	3			Metals
Silpatjäkko silver- och blygruva Jokkmokks kronoöverlopsmark	Jokkmokk	Kvikkjokk	7454900	1547700	Mine and heap	Mining	3			Metals
Kemtvätt	Jokkmokk	Kyrkostaden 1:261	7395786	1677938	Dry Cleaning	Domestic	2		Dry cleaning	POPs, hazardous substances
AB Porjus Smäl	Jokkmokk	Porjus 1:132	7435164	1675623	Iron and steel manufacturing	Industry	1			Needs Further Characterization
Miljöstation (Porjus avr)	Jokkmokk	Porjus 1:2	7434700	1674900	Storage and sorting waste	Landfill/Dump	3			Needs Further Characterization
Miljöstation kommunstförrådet	Jokkmokk	Bäckskogen 1:7	7395140	1680030	Storage and sorting waste	Landfill/Dump	3			Needs Further Characterization

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SAVO Återvinningscentral	Jokkmokk	Jokkmokk 11:10, 9:47	7395700	1680520	Storage and sorting waste	Landfill/Dump	3			Needs Further Characterization
Vattenfalls miljöstationer i Jmk:s kn	Jokkmokk	Harsprånget 1:2	7426460	1676050	Storage and sorting waste	Landfill/Dump	3			Needs Further Characterization
Isbana Skabram	Jokkmokk	Notudden 1:1	7395062	1674611	Engine Tracks (Motorbanor)	Other	4			Hydrocarbons
Snöskoterbana Notuddens camping	Jokkmokk	Notudden 1:2	7394228	1681313	Engine Tracks (Motorbanor)	Other	4			Hydrocarbons
Jokkmokks Asfaltbeläggningar AB	Jokkmokk	Kyrkostaden 1:626	7395507	1677012	Asphalt works (Oljegrus- och asfaltsverk)	Industry	3			Hydrocarbons
NCC asfaltverk	Jokkmokk	Kyrkostaden 1:15	7395565	1678458	Asphalt works (Oljegrus- och asfaltsverk)	Industry	3			Hydrocarbons
Vägverket	Jokkmokk	Kyrkostaden 12:1	7395216	1677792	Asphalt works (Oljegrus- och asfaltsverk)	Industry	3			Hydrocarbons
Vägverket	Jokkmokk	Haraudden 1:2	7398302	1675747	Asphalt works (Oljegrus- och asfaltsverk)	Industry	3			Hydrocarbons

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Masonite Fiberträ AB	Jokkmokk	Jokkmokk 11:12	7395775	1678750	Plywood, particle board manufacturing	Industry	4			POPs, hazardous substances
Purkijaur skjutbana	Jokkmokk	Brännudden 2:1	7398182	1666419	Shooting Range	Civil Shooting Range	3			Metals
Purkijaur skjutbana	Jokkmokk	Brännudden 2:1	7400625	1666909	Shooting Range	Civil Shooting Range	3			Metals
Samhall Formel	Jokkmokk	Kyrkostaden 1:693	7395407	1679260	Plastic Manufacturing	Industry	3			hazardous substances
ABB Building systema AB	Jokkmokk	Björksta 1:6	7395714	1679126	Engineering industry (Verkstadsindustri)	Industry	3			Needs Further Characterization
AW Nordic system AB	Jokkmokk	Porjus 1:132	7435166	1675610	Engineering industry (Verkstadsindustri)	Industry	3			Needs Further Characterization
Baggen Bygg	Jokkmokk	Kyrkostaden 1:744	7395191	1679160	Engineering industry (Verkstadsindustri)	Industry	3			Needs Further Characterization
Jokkmokk Plåt och ventilationservice AB	Jokkmokk	Kyrkostaden 1:516	7395201	1679674	Engineering industry (Verkstadsindustri)	Industry	3			Needs Further Characterization

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Jokkmokks Tenn	Jokkmokk	Jokkmokk 9:20	7395875	1678264	Engineering industry (Verkstadsindustri)	Industry	3			Needs Further Characterization
Lapplands Glastjänst	Jokkmokk	Kyrkostaden 1:724	7395146	1679942	Engineering industry (Verkstadsindustri)	Industry	3			Needs Further Characterization
Lindforsbygg	Jokkmokk	Kyrkostaden 1:507	7395126	1676129	Engineering industry (Verkstadsindustri)	Industry	3			Needs Further Characterization
Moffes Plåt och fritid	Jokkmokk	Kyrkostaden 1:744	7395191	1679160	Engineering industry (Verkstadsindustri)	Industry	3			Needs Further Characterization
Porjus Bygg & Service	Jokkmokk	Porjus 1:132	7435166	1675610	Engineering industry (Verkstadsindustri)	Industry	3			Needs Further Characterization
Åström CNC-Bearbetning	Jokkmokk	Björksta 1:12	7395710	1678950	Engineering industry (Verkstadsindustri)	Industry	3			Needs Further Characterization
Lapplandslack	Jokkmokk	Kyrkostaden 1:196	7395650	1677616	Metal surface treatment	Industry	3			Metals, Hazardous Substances
Hästbergets bergtäkt	Jokkmokk	Haraudden 1:2	7398302	1675747	Other-quarries	Mining				Needs Further Characterization

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Jokkmokks kommun Krossanläggning	Jokkmokk	Jokkmokks Prästbord 2:1	7395286	1680103	Other-quarries	Mining				Needs Further Characterization
Sarkas krossverk	Jokkmokk	Allmänningsskogen S:1 (omr 9)	7417928	1664969	Other-quarries	Mining				Needs Further Characterization
Stainva krossverk	Jokkmokk	Allmänningsskogen S:1 (omr 38)	7417850	1650354	Other-quarries	Mining				Needs Further Characterization
	Jokkmokk		7391590	1657270	Övrigt - Flottningsdam (Other log floating pond)	Other			Norvejaur	POPs
	Jokkmokk		7385850	1671000	Övrigt - Flottningsdam (Other log floating pond)	Other			Vaimatdammen	POPs
	Jokkmokk	Kyrkostaden 1:741	7395586	1677900	Forestry works	Industry			Jokkmokks Allmänningsskogar	POPs
	Jokkmokk	Jokkmokk 11:10	7395710	1680530	Other-Circulation Area	Other			Omlastningsstation för avfall	Needs Further Characterization
	Jokkmokk		7433467	1621139	Other-Circulation Area	Other			Seitevare slamvattenanläggning	Needs Further Characterization
	Jokkmokk		7493312	1602800	Other-Circulation Area	Other			The accumulation of Suorva Pond (or dam)	Needs Further Characterization

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	Jokkmokk	Björksta 1:12	7395672	1678980	Other-Circulation Area	Other			Warehouses / storage	Needs Further Characterization
	Jokkmokk		7454200	1602300	Other-Wind (Övrigt - Vindkraftverk)	Other			Suorva vindkraftverk	Needs Further Characterization
	Jokkmokk		7435100	1621850	Other-Wind (Övrigt - Vindkraftverk)	Other			Suorvamagasin vindkraftspark (wind farm)	Needs Further Characterization
	Jokkmokk	Tjaktejaure	7433725	1620518	Other-Wind (Övrigt - Vindkraftverk)	Other				Needs Further Characterization
Gamla Harsprånget	Jokkmokk	Anasse 1:1	7422770	1601060	landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Kvikkjokk 3:10	Jokkmokk	Kvikkjokk	7429270	1676510	landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Randijaur 9:1 ?	Jokkmokk	Randijaur	7384640	1725330	landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Östansjö 1:1	Jokkmokk	Mellan Östansjö och Haraudden	7411990	1652390	landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Gamla soptippen	Jokkmokk	Jokkmokks prästbord 1:1	7399010	1676110	landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Pakko 6:1	Jokkmokk	Västra strand	7386840	1694760	landfill	Landfill/Dump			Municipal waste	Needs Further Characterization
Pakko 6:1	Jokkmokk	Porjus (slamlagun)	7435570	1673520	landfill	Landfill/Dump			Municipal waste	Needs Further Characterization

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Kyrkostaden 1:225	Jokkmokk	Jokkmokk, Föreningsgatan 10	7395733	1678210	Abandoned gas station	Oil			Esso 1975.	Hydrocarbons
Ranesvare 1:1	Jokkmokk	Jokkmokk, Messaure	7401217	1717337	Abandoned gas station	Oil			Nynäs 1975.	Hydrocarbons
Parkijaur 1:5	Jokkmokk	Jokkmokk, Parkiforsen	7409268	1649651	Abandoned gas station	Oil			Nynäs 1973.	Hydrocarbons
Tjämotis 4:14	Jokkmokk	Jokkmokk, Seitevare	7433490	1620630	Abandoned gas station	Oil			Nynäs 1971 Övriga skäl	Hydrocarbons
Kyrkostaden 1:142	Jokkmokk	Jokkmokk, Storg. 29	7395589	1678186	Abandoned gas station	Oil			Gulf 1971 Other reason	Hydrocarbons
Porjus 1:104	Jokkmokk	Porjus, Industriv.	7429087	1678418	Abandoned gas station	Oil			Nynäs 1976 Sanerat	Hydrocarbons
	Jokkmokk	Harsprängslägrät	7427700	1679300	military	Military	3	1965-	No Action Taken Ammunition residue on fields and combat firing range	Metals
RFN Försöksområde pkt. 27	Jokkmokk		7378600	1650550	military	Military	3	1960-1965	Unknown number of sharp cannon, grenades and explosive grenades not cleared. Only the road cleared. Munitions residues at firing range.	Metals
Harsprängslägrät Hemvärns och Driftvärns utbildningsplats	Jokkmokk		7428300	1677300	military	Military	4	1965-	Extensive activities No action Munitions residues in shooting range in operation	Metals
	Jokkmokk		7401200 X:7400900 X:7400100	1686200 Y:1686500 Y:1687100	military	Military		1961-1974	Motor gasoline and diesel fuel found in the so-called open-barrel stores in five locations. Volume 100 000 - 110 000th Sampling found that there are minimal or no residual hazardous substances. no measures are taken.	Hydrocarbons
	Jokkmokk	Parki	7409150	1649700	Power Plant	Power Plants	3		(Risk 3) Transformator pit (Risk 3) Blastered sand heap (Risk 3) Workshop and blasting area (Risk 3) Sand Blaster (for changing gear)	PCBs

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	Jokkmokk	Seitevare	7433850	1620700	Power Plant	Power Plants			(Risk 4) former - residential area (Risk 3) at the former landfill Workshop Area (Risk 3) Workshop site (Risk 3) Landfill at the quarries (Risk 3) Transformer Pit	Needs Further Characterization
	Jokkmokk	Messaure	7406150	1700150	Power Plant	Power Plants			(Risk 3) Former gear changing workshop area (Risk 3) Landfill from the period of the first construction (Risk 4) ex residential areas (Risk 3) Gas stations	Hydrocarbons, hazardous substances
	Jokkmokk	Akkas	7398320	1677680	Power Plant	Power Plants			Risk 3 Stolpupplag (Risk 3) Workshop area	Needs Further Characterization
	Jokkmokk	Randi	7406130	1664480	Power Plant	Power Plants			(Risk 3) Landfill (workshop area. Risk 2) - (Risk 3) Landfill above the spillways (Risk 3) fuel depot (Risk 3) Scrap Tipper in rock crevice (Risk 3) former - workshop area (Risk 3) Landfill (workshop area risk 2)	hazardous substances
	Jokkmokk	Ligga	7418400	1679720	Power Plant	Power Plants			(Risk 3) Central worksite (Risk 3) Blasting Area (OMR plant) (Risk 3) Mountain stipples (Risk 3) transformer pit	PCBs - POPs
	Jokkmokk	Harsprånget	7426650	1675800	Power Plant	Power Plants			3 former workshop used to plan the current sliding locations of the Gate 4 Moraine extraction step 3 The accumulation of rock masses - filled ravine 3 Landfill (at outlet) 3 Industrial Landfill 4 former compressor stations. Landfill (formerly residential) 4 landfills) 4 ex - residential (2)	Hydrocarbons, hazardous substances
	Jokkmokk	Porjus	7434750	1674730	Power Plant	Power Plants			3 Oldest landfills between upland landfill and Jokkmokk Road 2 at the Mountain Landfill tipping 3 Landfill for sludge next to mountains 3 Area of the former truck and bucket welding Gasoline 3 Old electric substation	Hydrocarbons, PCBs
Vajkijaur Jakt- & Fiskevärdforening (Hunting)	Jokkmokk				Shooting Range	Civil Shooting Range		3	Vajkijaur älgskyttebana has been in operation since 1980. The load on the shooting range is in moderate current situation. Diffusion conditions in the soil and groundwater is high because the land consists of permeable soils. Lead has been very high hazard, but is relatively immobile in the soil since it oxidizes to stable compounds. Based on this overall assessment it is placed in risk class 3. If the business changes or on presentation of new reports on the shooting facilities, risk class can be revised.	Metals
Jokkmokk Skytteforening,	Jokkmokk				Shooting Range	Civil Shooting Range		3	Jokkmokk shooting range has been in operation since the 1970s. Used by: Jokkmokk Skytteforening (approx 35 people) and Jokkmokk Pistol Club (approx 20 people) and occasionally by private individuals and Home Guard. The load on the shooting range is moderate. Diffusion conditions in the soil and groundwater is high because the land consists of permeable soils. Lead has been very high hazard, but is relatively immobile in the soil since it oxidized to stable compounds. The object is placed in risk class 3. If the activity changes or if there are new reports of shooting facilities, the hazard class may be revised.	Metals

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Jokkmokks Jakt- & Fiskevårdsförening (skeetbana)	Jokkmokk				Shooting Range	Civil Shooting Range	2		At the site visit the skeet course was found to be in poor condition. On the ground low large number of holes from hail weapons were visible near a run-down building. Jokkmokk Hunting & Fiskevårdsförening formed in the late 1940s. Skeet Line was built in 1966 and is in poor condition. In a survey 1999 approved it yet and the site visit noted large amounts of rusting weapons from hail on the ground. Since facility is located in the permeable material (sand) is assessed diffusion conditions in the soil and groundwater be large. The means that pollutants can easily be transported down to the groundwater. Lead is relatively immobile in the soil since it oxidized to more stable compounds. The pollution level is considered to be relatively large to result of the long duration of activity and the impressions of site visits. Based on the overall assessment of the risk class object placed in risk class 2. If activities are changed or if new facts arrive hazard classification be revised.	Metals
Jokkmokks Jakt- & Fiskevårdsförening (älgbana)	Jokkmokk				Shooting Range	Civil Shooting Range	3		At the site visit found to be in good condition. Since facility is located in the permeable material (sand) is assessed diffusion conditions in the soil and groundwater be large. The means that pollutants can be transported down to the groundwater. Lead is relatively immobile in the soil since it oxidized to more stable compounds. Based on the overall assessment placed the object in risk class 3. In event of a change the area can be reclassified.	Metals
Jokkmokkssågen F.d. Jokkmokks Trä	Jokkmokk				Sawmill industry	Industry	3		Mostly wood but other also waste occurs. On the whole the region is considered to belong to risk class 3. Even small oil spills have occurred in the area. Pollution hazard (F): The chemicals are predominantly phenols and petroleum products. These are assessed by the Environmental Protection Agency as a high dangerousness. The pollution level (N) is assessed as low to moderate soil and groundwater, with the exception of the location of the oil leaks that have occurred. There are probably locally higher pollution levels. Dissemination Requirements: The soil and groundwater is assessed dissemination requirements for large or moderate because ground is largely made up of fillers. Sensitivity assessment (K) for building / construction and land becomes moderate as workers reside in the area. Protective value (S) for soil / groundwater and surface water are considered small to moderate, since the area consists of an ecosystem that is common for the region. For building / facility protection deemed value to be small because of ongoing operations.	Hydrocarbons, Hazardous Substances

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BDL Bygg & Dekorlist AB	Jokkmokk				Coating with lacquer, paint or glue	Industry	3		The object is within Forsnäs industrial area where the building is built on discards. A faint odour of solvents could not be avoided outside the building. Outside the opposite side of the building there was a partially embanked storage of small quantity of wood waste, probably awaiting incineration. Behind the earth embankment revealed a number of leaking barrels (smelled of solvent) on a wooden pallet. Otherwise was the impression of the place what you would expect in a industrial area. BDL Construction & Decoration List AB is considered to belong to risk class 3. The object placed in risk class 3, the site is now only considered as a moderate risk for humans and the environment. Barrels during the autumn of 2006 transported away for disposal. Pollution hazard (F): The chemicals are all different colours and types of solvents (Volatile organic compounds, halogenated and non-halogenated). These are assessed by the Environmental Protection Agency, as moderately hazardous The pollution level (N) is assessed as low to moderate soil and groundwater, with the exception of the location where a nu	POPs, Hazardous Substances
Heboverken AB (WIBE)	Jokkmokk				Metal surface treatment	Industry	2		Good order of the area, both in existing storage and in the handling of chemicals and wastes. The area where the process and stormwater discharge occurs is in a ditch. The area around the bog was clearly affected. It should be examined Until it has investigated the sprawl in nearby bog and any action efforts, the item is considered to belong to risk class 2; ie that there is considerable risk for humans and the environment.	Metals, Hazardous Substances
Samhall Bothnia AB, (Jokkmokks Tvätten)	Jokkmokk				Metal surface treatment	Industry	3		The land that may be affected is the area at the back of the workshop which include containers. It is difficult to see where the land is affected due to that the ground has asphalt and fillers, however, there were oil stains here and there. At the nearby wooded area there was stormwater discharge. The current situation engaged in Jokkmokk is laundering activities, mainly the layout and storage of laundry. The property is considered to belong to risk class 3, subject to pollution of heavy oil have been found in soil, the investigation is, however, inadequate to provide a picture of the pollution situation (only 1 test). Base is too small to ensure the degree of pollution and if it is just oil or also metals. The area is scheduled as an industrial area. The area should be examined now, when the shift of activity is to find out if the area can be contaminated by some metals and to ascertain possible contamination spread. Proliferation conditions of the area are good. There is 400 meters to the nearest receiving waters (Lilla Lule River).	hydrocarbons, hazardous substances

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Swebor Stål Svenska AB	Jokkmokk				Metal surface treatment	Industry	3		The area outside the workshop consists of a metal particles surrounded a landfill containing various rubbish (drums, scrap metal, etc.). It is curing, which can cause damage to soil and water. The previously operating hearth furnace used hydraulic engines, and this may have caused a major spill of oil in the bath as it flushed out of the pipes and sits in the metal chips. It does not use any chemicals in the curing process and this results in less releases to land and water. The area behind the workshop looked less satisfactory. In the area there was metal, oil barrels, and debris. The most affected part of the property is probably the area around metal shavings landfill Påverkansarbete. The area is industrial, mire and woodland. The area between the industrial and recipient river (Lule River), consists mainly of woodland. The Lule River is about 300 meters downstream from the old marshes, ditches, and bog water.	Hydrocarbons, Metals, Hazardous substances
F.d. Nordzink (Heboverken, gamla fastigheten)	Jokkmokk				Metal surface treatment	Industry	3		The area is prepared for closure. No new industrial activity has been established in the area. Currently, it is a wooded area used for recreational purposes with a gathering place and a fireplace. Immediately following the property there is kindergarden and housing. At the site visits a part of the area was used for storage of broadband cable and stratification and sorting of excavated soil masses. Diffusion conditions is between moderate and large, because it is sandy silty moraine. The sensitivity is very high in the area because of the proximity to the nursery and local residents. Protecting value is assessed as moderate because the ecosystem is very common for the region. A land investigation was conducted and we found zinc in moderate levels and buried concrete residue was found. No emergency action judged to be present but it is recommended that the concrete residue be dug up and deposited in an approved landfill. The final assessment puts it in risk class 3. If new information becomes known, risk class can not be reviewed.	Metals
NIMEK AB, (Jokkmokks spånprodukter AB)	Jokkmokk				Engineering industry (Verkstadsindustri)	Industry	4		Clean and tidy interior, small chemicals, some spray cans, oil and solvents, and used oil. Everything stored in the same place and no floor drain in the vicinity. Surrounding land includes discard related industries. Previously conducted Jokkmokk chip manufacture of products including plywood and particle board on the property (1964-1986). After renovation conducted it has been used for engineering. Small handling chemicals. The is a large distance frim the site and the nearest river. The object is placed in risk class 4, ie. small risk of impact	Hydrocarbons, Hazardous Substances

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F.d. Zetterwalls Gräv & Schakt AB	Jokkmokk				Other activities	Other			<p>2005-09-15. At the moment, some of the area is used for storage broadband cable and sifting and sorting of excavated soil masses. Based on the last completed survey assessed item belonging to risk class 2, ie. area is deemed to pose a significant threat to environment and human health. Pollution hazard is deemed high according to Environmental Protection Agency's assessment. Soil sensitivity judged to be very large as the contaminated site is located within urban area with day care and housing. Diffusion conditions in the land is assessed as high because the soil is permeable (sandy moraine). Protecting value is high because adjacent area is used for recreation. Diffusion conditions to groundwater is considered moderately small as the groundwater table reportedly found at a depth of approximately 6 m. (It is not clear if the groundwater is affected). Groundwater vulnerability is assessed as moderate when it is at a greater depth than 6 m as specified by the municipality. According SWECO's assessment, area belongs to risk class 2 with reasoning: The pollution level in the area is high to very high, pollutants found in the shallow area (directly below the surface). The pollution level in the area is considered low. Diffusion conditions in the region is estimated to be large because soil type (sandy moraine) is permeable. The sensitivity of the area is very high given that the nursery business is conducted in neighboring property and the housing is within 50 m from the contaminated land. Protection value is considered high as the adjacent area is used for recreation.</p>	Needs Further Characterization