

## Register Flexscope

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SGS Environmental Analytics

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Code	Material or product	Type of activity	Date accreditation valid	Number on Flexscope L028	Claim	internal reference number and validation report	Changes against fixed scope	Applicable to these Detcodes	Corresponding number fixed scope L028	Date accreditation cancelled
F047	Solid environmental matrices	Compliance test for leaching (CEN)	5 December 2019	314	NEN-EN 12457-2, NF-EN 12457-2	AH1128W LR-10071	Addition of NF-EN 12457-2	ASA-CEN1, AVG-CEN1, BNV-CEN1, GRN-CEN1, PUI-CEN1, SLB-CEN1	f (Bouwstoffen en afvalstoffen grond)	
F044	surface water  ground water  eluates	Determination of the content of elements; ICP-MS aluminum, antimony, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, mercury, molybdenum, nickel, potassium, phosphorus, selenium, silver, sodium, strontium, thallium, tellurium, tin, vanadium, zinc  Determination of the content of elements; ICP-MS aluminum, calcium, iron, magnesium, manganese, mercury, potassium, phosphorus, silver, sodium, strontium, tellurium  Determination of the content of elements; ICP-MS aluminum, calcium, iron, magnesium, manganese, potassium, phosphorus, silver, strontium, sodium, tellurium	23 March 2020 and 08 June 2021   28 May 2021	302	NEN-EN-ISO 17294-2	AH1126W, AH2010W  VAL-088 VAL-216	Addition of surface water and elements for ground water and eluates	OPW-AG, OPW-AL, OPW-AS, OPW-BA, OPW-BE, OPW-CA, OPW-CD, OPW-CO, OPW-CR, OPW-CU, OPW-FE, OPW-HG, OPW-K, OPW-MG, OPW-MN, OPW-MO, OPW-NA, OPW-NI, OPW-PB, OPW-P, OPW-SB, OPW-SE, OPW-SN, OPW-SR, OPW-TE, OPW-TI, OPW-TL, OPW-V, OPW-ZN  GRW-AG, GRW-AL, GRW-AS, GRW-BA, GRW-BE, GRW-CA, GRW-CD, GRW-CO, GRW-CR, GRW-CU, GRW-FE, GRW-HG, GRW-K, GRW-MG, GRW-MN, GRW-MO, GRW-NA, GRW-NI, GRW-PB, GRW-P, GRW-SB, GRW-SE, GRW-SN, GRW-SR, GRW-TE, GRW-TI, GRW-TL, GRW-V, GRW-ZN, GRW-ALW, GRW-ASW, GRW-BAW, GRW-BE-W, GRW-CAW, GRW-CDW, GRW-COW, GRW-CRW, GRW-CUW, GRW-FEW, GRW-KW, GRW-MGW, GRW-MNW, GRW-MOW, GRW-NAW, GRW-NIW, GRW-PBW, GRW-PW  AG_ELUAT, AL_ELUAT, CA_ELUAT, FE_ELUAT, K_ELUAT, MG_ELUAT, MN_ELUAT, NA_ELUAT, P_ELUAT, SR_ELUAT, TI_ELUAT, AG_EMISSION, AL_EMISSION, CA_EMISSION, FE_EMISSION, K_EMISSION, MG_EMISSION, MN_EMISSION, NA_EMISSION, P_EMISSION, SR_EMISSION, TE_EMISSION, TI_EMISSION, AL_EMIELU, CA_EMIELU, FE_EMIELU, MG_EMIELU, MN_EMIELU, SR_EMIELU	10	

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F044	Eluates Ground water Surface water	Determination of the content of elements; ICP-MS aluminum, antimony, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, mercury, molybdenum, nickel, potassium, phosphorus, selenium, silver, sodium, strontium, thallium, tellurium, tin, vanadium, zinc	10 May 2022	302	NEN-EN-ISO-17294-2, NF EN ISO 17294-2	AH1126W, AH2010W  VAL-088 VAL-216 LR-10107	Addition of NF EN ISO 17294-2	  Detcodes aanvraag metalen NF mei 2022	10	
F045	ground water (AS3000)	Determination of the content of elements; ICP-MS mercury	23 March 2020	302	performance sheet 3110-3	AH1126W AH2010W  VAL-088	Addition of elements	AW3-HG	276	
F046	ground water (AS3000)	Determination of the content of (other) elements; ICP-MS beryllium, tellurium, silver	23 March 2020	302	performance sheet 3150-2, NEN-EN-ISO 17294-2	AH1126W AH2010W  VAL-088	Addition of elements	AW3-BE, AW3-TE, AW3-AG	234	
F049	ground water (AS3000)	Determination of the content of volatile aromatic hydrocarbons and volatile halogenated hydrocarbons, MTBE and ETBE; GC-MS naphthalene	08 June 2020	309	performance sheet 3130-1	AH426W  VAL-185	Addition of Naphthalene	AW3-VA050	228	
F050	soil	Determination of pH; potentiometric analysis	08 June 2020	305	NEN-ISO 10390, NF ISO 10390, NEN-EN 15933, NF EN 15933 CMA 2/II/A.20	AH536W  LR-10072	Addition of NF ISO 10390 and NF EN 15933	AVG-PHGCA, AVG-PHGK AVG-PHGW, GRN-PHGCA GRN-PHGK, GRN-PHGK-W GRN-PHGW, GRN-PHGW-W	37	
F051	Ground water, surface water and waste water	Determination of the content of mineral oil; GC-FID	07 July 2020	307	NEN-EN-ISO 9377-2, NF EN ISO 9377-2	AH414W, AH203W  LR-10077	Addition of NF EN ISO 9377-2	AFW-HCTGC_IB, GRW-HCTGC_IB, OPW-HCTGC_IB, GRW-M1040W_IB, AFW-MNGC_IB, GRW-MNGC_IB, OPW-MNGC_IB	265	
F052	Ground water, surface water and eluates	Determination of the content of mercury; cold vapour AFS	07 July 2020	304	NEN-EN-ISO 17852, NF EN ISO 17852	AH309W AH2010W  LR-10070	Addition of NF EN ISO 17852	GRW-HG, GRW-SC010, GUE-HG, GUE-HGHD, HG_EMIELU (AVG, SLB, GRN, PUI, DVA, AG3), HG_EMISSION (PUI, ASA, AVG, SLB, KAS, GRN, DVA), OPW-HG, OPW-SC010, UTE-HG	15	
F053	Ground water, surface water and waste water	Determination of the content of anions; ion chromatographic analysis	07 July 2020	352	NEN-EN-ISO 10304-1, NF EN ISO 10304-1	AH1125W  LR-10074	Addition of NF EN ISO 10304-1	AFW-BR, AFW-BRLD, AFW-CLLD, AFW-F, AFW-NO2-IC, AFW-NO2-IC, AFW-NO3LD, AFW-NO3LD, AFW-PO4O-IC, AFW-SO4LD, AW3-BR, AW3-F,	59 and 63	



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	Eluates	bromide, chloride, nitrate, nitrite, sulfate, fluoride  Determination of the content of anions; ion chromatographic analysis bromide, chloride, sulfate, fluoride					GRW-BR, GRW-BRLD, GRW-CLLD, GRW-F, GRW-FAL, GRW-FLD, GRW-NO2-IC, GRW-NO2-IC, GRW-NO3AL, GRW-NO3LD, GRW-NO3LD, GRW-PO4O-IC, GRW-SO4LD, OPW-BR, OPW-CLLD, OPW-F, OPW-NO2-IC, OPW-NO2-IC, OPW-NO3LD, OPW-NO3LD, OPW-PO4O-IC, OPW-SO4LD  PUI-BR_ELUAT, DVA-BR_ELUAT, GRN-BR_ELUAT, AVG-BR_EMIELU, SLB-BR_EMIELU, GRN-BR_EMIELU, PUI-BR_EMIELU, DVA-BR_EMIELU, AG3-BR_EMIELU, AVG-BR_EMISSION, SLB-BR_EMISSION, GRN-BR_EMISSION, PUI-BR_EMISSION, DVA-BR_EMISSION, AG3-BR_EMISSION, PUI-CL_ELUAT, DVA-CL_ELUAT, GRN-CL_ELUAT, AVG-CL_EMIELU, SLB-CL_EMIELU, GRN-CL_EMIELU, PUI-CL_EMIELU, DVA-CL_EMIELU, AG3-CL_EMIELU, PUI-CL_EMISSION, AVG-CL_EMISSION, ASA-CL_EMISSION, SLB-CL_EMISSION, KAS-CL_EMISSION, DVA-CL_EMISSION, GRN-CL_EMISSION, PUI-F_ELUAT, DVA-F_ELUAT, GRN-F_ELUAT, AVG-F_EMIELU, SLB-F_EMIELU, GRN-F_EMIELU, PUI-F_EMIELU, DVA-F_EMIELU, AG3-F_EMIELU, PUI-F_EMISSION, AVG-F_EMISSION, ASA-F_EMISSION, SLB-F_EMISSION, KAS-F_EMISSION, DVA-F_EMISSION, GRN-F_EMISSION, GUE-BR, GUE-CL, GUE-F, GUE-SO4, PUI-SO4_ELUAT, DVA-SO4_ELUAT, GRN-SO4_ELUAT, AVG-SO4_EMIELU, SLB-SO4_EMIELU, GRN-SO4_EMIELU, PUI-SO4_EMIELU, DVA-SO4_EMIELU, AG3-SO4_EMIELU, PUI-SO4_EMISSION, AVG-SO4_EMISSION, ASA-SO4_EMISSION, SLB-SO4_EMISSION, KAS-SO4_EMISSION, GRN-SO4_EMISSION, DVA-SO4_EMISSION, UTE-BR, UTE-CL, UTE-F		
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F054	Surface water, waste water and ground water  Eluates	Determination of the content of TOC; infrared spectrophotometric analysis  Determination of the content of DOC; infrared spectrophotometric analysis	07 July 2020	318	NEN-EN 1484, NF EN 1484	AH548W  LR-10076	Addition of NF EN 1484	AFW-TOC, AFW-TOC AFW-TOCFR, GRW-TOC GRW-TOCFR OPW-TOC, OPW-TOCFR  DOC_ELUAT, DOC_EMISSION, GUE-DOC, TOC_EMIELU, UTE-DOC	67 and 274	
F055	Tap water	Determination of the content of anions; ion chromatographic analysis nitrate, nitrite	28 Decemb er 2020	352	NEN-EN-ISO 10304-1	AH1125W  IMP-002	Addition of matrix drinking water	LEW-NO2-IC, LEW-NO3LD	59	
F056	Charcoal tubes used for air sampling	Determination of the content of volatile compounds; GC-MS 1,1-dichloroethene, trans-1,2-dichloroethene, hexachlorobutadiene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, dichloromethane, vinylchloride, xylenes, total BTEX, naphthalene, 1,1-dichloroethane, methyl(tert)butylether (MTBE), ethyl(tert)butylether (ETBE)	30 March 2021	309	In house method	AH1024W  VAL-10425	Addition of components	ABM-CK045, ABM-CK047, ABM-F1222, ABM-KL005, ABM-KL013, ABM-KL017 ABM-KL019, ABM-KL037, ABM-KL039, ABM-KL052, ABM-KL056, ABM-KL057, ABM-KL058, ABM-MS936, ABM-MS937, ABM-MS938, ABM-VA040, ABM-VA050, ABM-VATOT, ABM-CK010, ABM-CK042, ABM-CK043, ABM-KL004	88	
F057	XAD tubes for air sampling	Determination of the content of 16 polycyclic aromatic hydrocarbons (PAH); GC-MS naphthalene, phenanthrene, anthracene, fluoranthene, benzo(a)anthracene, chrysene, benzo(k)fluoranthene, benzo(a)pyrene, benzo(g,h,i)perylene, indeno(1,2,3-cd)pyrene and the sum of these 10 PAH, acenaphthylene, acenaphthene, fluorene, pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene and the sum of these 16 PAH	30 March 2021	306	In house method	AH1123W  VAL-182	Addition of matrix XAD tubes	ABM-D01AS, ABM-D02AS, ABM-D03AS, ABM-D04AS, ABM-D05AS, ABM-D06AS, ABM-D07AS, ABM-D08AS, ABM-D09AS, ABM-D10AS, ABM-D11AS, ABM-D12AS ABM-D13AS, ABM-D14AS, ABM-D15AS, ABM-D16AS, ABM-P01AS, ABM-P02AS ABM-P03AS, ABM-P04AS, ABM-P05AS, ABM-P06AS, ABM-P07AS, ABM-P08AS ABM-P09AS, ABM-P10AS, ABM-P11AS, ABM-P12AS, ABM-P13AS, ABM-P14AS ABM-P15AS, ABM-P16AS, ABM-PEX10, ABM-PEX16	79	
F058	Ground water and surface water	Determination of the content volatile aromatic hydrocarbons; GC-MS benzene, toluene, ethylbenzene, o-xylene, m/p-xylene, sum of xylenes, total BTEX, styrene, isopropylbenzene(cumene), n-propylbenzene, 1,3,5-trimethylbenzene, tert-butylbenzene, 1,2,4-trimethylbenzene, sec-butylbenzene, 4-isopropyltoluene, n-butylbenzene, naftalene, MTBE, ETBE, indane, 1,2-diethylbenzene, 1,3-diethylbenzene, 1,4-diethylbenzene, 1,2,3,5-tetramethylbenzene, 1,2,3,4-tetramethylbenzene, 1,2,4,5-tetramethylbenzene	16 March 2021	309	ISO 11423-1; NF ISO 11423-1	AH426W AH203W  LR-10078	Addition of NF norm	GRW-BTEX, GRW-ETBE, GRW-MA026, GRW-MA031, GRW-MA037, GRW-MA038, GRW-MA039, GRW-MA040, GRW-MA042, GRW-MA045, GRW-MA048, GRW-MA049, GRW-MA050, GRW-MA051, GRW-MA053, GRW-MA056, GRW-MA060, GRW-MA063, GRW-MA064, GRW-MA069, GRW-MAT5D, GRW-MBTX-S, GRW-MS800, GRW-MS805, GRW-MS810, GRW-MS815, GRW-MS816, GRW-MS817, GRW-MS820, GRW-MS910, GRW-MS911, GRW-MS912, GRW-MS913, GRW-MS914, GRW-	267	



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								MS915, GRW-MS916, GRW-MS917, GRW-MS918, GRW-MS960, GRW-MS961, GRW-MS962, GRW-MS963, GRW-MS964, GRW-MS965 GRW-MS966, GRW-SC157, GRW-SC163, GRW-SC170, GRW-SC171, GRW-SC189, GRW-SC191, GRW-SC192, GRW-SC193, GRW-SC194, GRW-SC195, GRW-SC196, GRW-SC197, GRW-SC198, GRW-SC199, GRW-SC200, GRW-SC202, GRW-SC251, GRW-VA010, GRW-VA011, GRW-VA020, GRW-VA021, GRW-VA030, GRW-VA031, GRW-VA040, GRW-VA041, GRW-VA045, GRW-VA046, GRW-VA050, GRW-VA051, GRW-VA060, GRW-VA065, GRW-VA070, GRW-VA090, GRW-VA095, GRW-VA10W, GRW-VA20W, GRW-VA30W, GRW-VA40W, GRW-VA45W, GRW-VA46W, GRW-VA60W, GRW-VAT5D, GRW-VATOT, GRW-WO062, OPW-ETBE, OPW-MA026, OPW-MA031, OPW-MA037, OPW-MA038, OPW-MA039, OPW-MA040, OPW-MA042, OPW-MA045, OPW-MA048, OPW-MA049, OPW-MA050, OPW-MA051, OPW-MA053, OPW-MA056, OPW-MA060, OPW-MA063, OPW-MA064, OPW-MA069, OPW-MBTX-S, OPW-MS800, OPW-MS805, OPW-MS810, OPW-MS815, OPW-MS816, OPW-MS817, OPW-MS820, OPW-MS910, OPW-MS911, OPW-MS912, OPW-MS913, OPW-MS914, OPW-MS915, OPW-MS916, OPW-MS917, OPW-MS918, OPW-SC157, OPW-SC163, OPW-SC170, OPW-SC171, OPW-SC189, OPW-SC193, OPW-SC194, OPW-SC195, OPW-SC196, OPW-SC198, OPW-SC199, OPW-SC200, OPW-SC202, OPW-VA010, OPW-VA020, OPW-VA030, OPW-VA040, OPW-VA045, OPW-VA046, OPW-VA050, OPW-VA060, OPW-VA065, OPW-VA070, OPW-VA090, OPW-VA095, OPW-VATOT		
F059	Water and eluates	Determination of pH; potentiometric analysis	16 March 2021	5	NEN-EN-ISO 10523, NF EN ISO 10523	AH536W LR-10075	Addition of NF norm	AFW-PH, AFW-PHIL, GRN-PHU, EMISSION, GRW-PH, GRW-PHIL, OPW-PH, OPW-PHIL	38	

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								PHU_L/S1_EMISSION PHU_L/S9_EMISSION PHU_ELUAT, UTE-PH			
F060	Ground water and surface water	Determination of the content volatile halogenated hydrocarbons; GC-MS chloromethane, vinyl chloride, chloroethane, 1,1-dichloroethene, dichloromethane, trans-1,2-dichloroethene, 1,1-dichloroethane, cis-1,2-dichloroethene, sum of cis- 1,2-dichloroethene and trans-1,2-dichloroethene, chloroform, 1,1,1-trichloroethane, tetrachloromethane, 1,2-dichloroethane, trichloroethene, 1,1,2-trichloroethane, tetrachloroethene, 1,1,1,2-tetrachloroethane, 1,1,2,2-tetrachloroethane, hexachloroethane, pentachloroethane, bromomethane, 2,2-dichloropropane, bromochloromethane, 1,1-dichloropropene, 1,2-dichloropropane, dibromomethane, bromodichloromethane, cis-1,3-dichloropropene, trans-1,3-dichloropropene, 1,3-dichloropropane, dibromochloromethane, 1,2-dibromoethane, monochlorobenzene, bromoform, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichlorobenzene, 1,2-dibromo-3-chloropropane, 1,2,4-trichlorobenzene, hexachlorobutadiene, 1,2,3-trichlorobenzene, 1,2,3-trichloropropane bromobenzene, 2-chlorotoluene, 4-chlorotoluene	16 March 2021	309	NEN-EN-ISO 10301, NF EN ISO 10301	AH426W AH203W  LR-10067	Addition of NF norm	GRW-123TP, GRW-CB010 GRW-CB022, GRW-CB024 GRW-CB026, GRW-CK010 GRW-CK012, GRW-CK020 GRW-CK030, GRW-CK042 GRW-CK043, GRW-CK044 GRW-CK045, GRW-CK046 GRW-CK047, GRW-CK048 GRW-CK052, GRW-CK054 GRW-CK056, GRW-CK058 GRW-CK064, GRW-CK066, GRW-CK20W, GRW-CK30W, GRW-CK42W, GRW-CK43W, GRW-CK44W, GRW-CK45W, GRW-CK46W, GRW-CK47W, GRW-CK48W, GRW-CK54W, GRW-CK56W, GRW-CK58W, GRW-CK64W, GRW-CK66W, GRW-CK930 GRW-CK931, GRW-CK932 GRW-DO008, GRW-DO012, GRW-F1222, GRW-MA001, GRW-MA002, GRW-MA003 GRW-MA004, GRW-MA005, GRW-MA006, GRW-MA007, GRW-MA008, GRW-MA009 GRW-MA010, GRW-MA011, GRW-MA012, GRW-MA013, GRW-MA014, GRW-MA015 GRW-MA016, GRW-MA017, GRW-MA018, GRW-MA019, GRW-MA021, GRW-MA023 GRW-MA024, GRW-MA025, GRW-MA027, GRW-MA028, GRW-MA029, GRW-MA030 GRW-MA032, GRW-MA033, GRW-MA034, GRW-MA035, GRW-MA036, GRW-MA041 GRW-MA043, GRW-MA044, GRW-MA046, GRW-MA047, GRW-MA052, GRW-MA054 GRW-MA055, GRW-MA057, GRW-MA058, GRW-MA059, GRW-MA061, GRW-MA068 GRW-MS825, GRW-MS830, GRW-MS835, GRW-MS840, GRW-MS845, GRW-MS846 GRW-MS850, GRW-MS855, GRW-MS860, GRW-MS865, GRW-MS870, GRW-MS875 GRW-MS880, GRW-MS885, GRW-MS919, GRW-MS920, GRW-MS921, GRW-MS922 GRW-MS923, GRW-MS924, GRW-MS925, GRW-MS926, GRW-MS927, GRW-MS928 GRW-MS928, GRW-MS929, GRW-MS930, GRW-MS931, GRW-MS932, GRW-MS933	266		



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								OPW-MA055, OPW-MA057, OPW-MA058, OPW-MA059, OPW-MA061, OPW-MS825, OPW-MS830, OPW-MS835, OPW-MS840, OPW-MS845, OPW-MS850, OPW-MS855, OPW-MS860, OPW-MS865, OPW-MS870, OPW-MS875, OPW-MS880, OPW-MS885, OPW-MS919, OPW-MS920, OPW-MS921, OPW-MS922, OPW-MS923, OPW-MS924, OPW-MS925, OPW-MS926, OPW-MS927, OPW-MS9278, OPW-MS928, OPW-MS929, OPW-MS930, OPW-MS931, OPW-MS932, OPW-MS933, OPW-MS934, OPW-MS935, OPW-MS936, OPW-MS937, OPW-MS938, OPW-MS939, OPW-MS940, OPW-MS941, OPW-MS944, OPW-MS980, OPW-MS981, OPW-P1706, OPW-SC147, OPW-SC148, OPW-SC149, OPW-SC150, OPW-SC151, OPW-SC152, OPW-SC153, OPW-SC154, OPW-SC155, OPW-SC156, OPW-SC158, OPW-SC159, OPW-SC160, OPW-SC161, OPW-SC162, OPW-SC164, OPW-SC165, OPW-SC166, OPW-SC167, OPW-SC168, OPW-SC169, OPW-SC172, OPW-SC173, OPW-SC174, OPW-SC175, OPW-SC176, OPW-SC178, OPW-SC179, OPW-SC180, OPW-SC181, OPW-SC182, OPW-SC183, OPW-SC184, OPW-SC185, OPW-SC186, OPW-SC188, OPW-SC190, OPW-SC191, OPW-SC192, OPW-SC197, OPW-SC201, OPW-SC203, OPW-SC204, OPW-SC205, OPW-SC207, OPW-WO062		
F041	Soil	Determination of the content of organochloro pesticides and chlorobenzenes; GC-MS sum of cis-chlordane and trans-chlordane, sum of cis-heptachloroepoxide and trans-heptachloroepoxide, and sum of alpha endosulfan and beta-endosulfan	6 May 2021	315	In house method	AH423W VAL-102	Addition of summations	GRN-P0515, GRN-P0501, GRN-P0580	77	
F042	Soil	Determination of the content of alkyl phenols; GC-MS sum of ortho cresol, meta cresol and para cresol	6 May 2021	308	In house method	AH1030W VAL-102	Addition of summations	GRN-P0513	92	
F043	Soil	Determination of the content volatile aromatic hydrocarbons and volatile halogenated	6 May 2021	309	NEN-EN-ISO 22155	AH202W, AH426W VAL-102	Addition of summation	GRN- MA030032	268	



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		hydrocarbons; GC-MS sum of cis-1,3-dichloropropene and trans-1,3-dichloropropene							
F061	Soil	Determination of the content of polychlorobiphenyls (PCB); GC-MS PCB28, PCB52, PCB101, PCB138, PCB153 and PCB180 and the sum of these 6 PCB, PCB118 and the sum of these 7 PCB	08 June 2021	306	EN 17322 NEN-EN 17322 NF EN 17322	AH2000W NS-23409	norm EN 16167 is replaced by EN 17322	GRN-P1800EU, GRN-P1801EU, GRN-P1802EU, GRN-P1803EU, GRN-P1804EU, GRN-P1805EU, GRN-P1806EU, GRN-P0509EU  GRN-P1800W, GRN-P1801W, GRN-P1802W, GRN-P1803W, GRN-P1804W, GRN-P1805W, GRN-P1806W, GRN-P0509W	357
F063	Soil	Determination of the content of mercury; cold vapour AFS	22 June 2021	304	NEN-ISO 16772 (digestion NEN 6961)	AH305W AH301W VAL-146	Addition of soil	GRN-HGW, GRN-HGCW	16
F064	Waste water	Determination of the content of mercury; cold vapour AFS	12 October 2021	304	NEN-ISO 16772, NF ISO 16772 (digestion NEN-EN-ISO 15587-1, NF EN ISO 15587-1)	AH301W, AH305W, AH2010W	Addition of NF norm	AFW-HG	16
F062	Soil	Determination of the content of per- and polyfluoroalkyl substances (PFAS); LCMSMS perfluoro-n-butanoic acid perfluoro-n-pentanoic acid perfluoro-n-hexanoic acid perfluoro-n-heptanoic acid perfluoro-n-octanoic acid perfluoro-n-octanoic acid branched Sum perfluoro-octanoic acid linear/branched perfluoro-n-nonanoic acid perfluoro-n-decanoic acid perfluoro-n-undecanoic acid perfluoro-n-dodecanoic acid perfluoro-n-tridecanoic acid perfluoro-n-tetradecanoic acid perfluoro-n-hexadecanoic acid perfluoro-n-octadecanoic acid perfluoro-1-butane sulfonic acid perfluoro-1-pentane sulfonic acid perfluoro-1-hexane sulfonic acid perfluoro-1-heptane sulfonic acid perfluoro-1-octane sulfonic acid perfluoro-1-octane sulfonic acid branched Sum perfluoro-octanoic sulfonic acid linear/branched perfluoro-1-decane sulfonic acid 4:2 fluorotelomer sulfonic acid 6:2 fluorotelomer sulfonic acid 8:2 fluorotelomer sulfonic acid 10:2 fluorotelomer sulfonic acid N-methylperfluorooctane sulfonamidoacetic acid	19 October 2021	316	In house method	AH2020W VAL-188	Based on historical experience	GRN-PFAS01 t/m PFAS29 GRN-PFAS18B, GRN-PFAS18S, GRN-PFAS05S, GRN-PFAS05B  AVG-PFAS01 t/m PFAS29 AVG- PFAS18B, AVG-PFAS18S, AVG-PFAS05S, AVG-PFAS05B  AP4- PFAS01 t/m PFAS29 AP4-PFAS18B, AP4-PFAS18S, AP4-PFAS05S, AP4-PFAS05B  AG3-PFAS01 t/m PFAS29 AG3-PFAS18B, AG3-PFAS18S, AG3-PFAS05S, AG3-PFAS05B  AAG-PFAS01 t/m PFAS29 AAG-PFAS18B, AAG-PFAS18S, AAG-PFAS05S, AAG-PFAS05B  AV3-PFAS01 t/m PFAS29 AV3-PFAS18B, AV3-PFAS18S, AV3-PFAS05S, AV3-PFAS05B	-



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SGS Environmental Analytics

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		N-ethylperfluorooctanesulfonamidoacetic acid perfluoro-1-octanesulfonamide N-methylperfluorooctanesulfonamide 8:2 polyfluoroalkyl phosphate diester hexafluoropropyleneoxide dimer acid (GenX)								
F065	Ground water	Determination of the content of volatile halogenated hydrocarbons; GC-MS Sum of cis 1,3-dichloropropene and trans 1,3-dichloropropene	14 January 2022	309	NEN-EN-ISO 10301	AH426W, AH203W	Addition of summations	GRW-MA030032	266	
F066	Sediment	Determination of the content of per- and polyfluoroalkyl substances (PFAS); LCMSMS perfluoro-n-butanoic acid perfluoro-n-pentanoic acid perfluoro-n-hexanoic acid perfluoro-n-heptanoic acid perfluoro-n-octanoic acid perfluoro-n-octanoic acid branched Sum perfluoro-octanoic acid linear/branched perfluoro-n-nonanoic acid perfluoro-n-decanoic acid perfluoro-n-undecanoic acid perfluoro-n-dodecanoic acid perfluoro-n-tridecanoic acid perfluoro-n-tetradecanoic acid perfluoro-n-hexadecanoic acid perfluoro-n-octadecanoic acid perfluoro-1-butane sulfonic acid perfluoro-1-pentane sulfonic acid perfluoro-1-hexane sulfonic acid perfluoro-1-heptane sulfonic acid perfluoro-1-octane sulfonic acid perfluoro-1-octane sulfonic acid branched Sum perfluoro-octanoic sulfonic acid linear/branched perfluoro-1-decane sulfonic acid 4:2 fluorotelomer sulfonic acid 6:2 fluorotelomer sulfonic acid 8:2 fluorotelomer sulfonic acid 10:2 fluorotelomer sulfonic acid N-methylperfluorooctane sulfonamidoacetic acid N-ethylperfluorooctanesulfonamidoacetic acid perfluoro-1-octanesulfonamide N-methylperfluorooctanesulfonamide 8:2 polyfluoroalkyl phosphate diester hexafluoropropyleneoxide dimer acid (GenX) 8:2 Fluorotelomer unsaturated carbonic acid 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (F53-B) 4,8-Dioxa-3H-perfluorononanoic acid Perfluoro-1-butanefluoride 2H,2H,3H,3H-Perfluoroundecanoic acid	04 february 2022	316	In house method	AH2020W VAL-236	Based on historical experience	SLB PFAS01 t/m PFAS39  SLB-PFA05B, SLB-PFAS05S, SLB-PFAS18B, SLB-PFAS18S  AS3 PFAS01 t/m PFAS39  AS3-PFA05B, AS3-PFAS05S, AS3-PFAS18B, AS3-PFAS18S	-	

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		7H-Perfluorheptanoic acid N-Methylperfluorobutanesulfonamide N-Methylperfluorobutanesulfonylamide acetate N-Ethyl perfluorooctanesulfonamide Perfluoro-3,7-dimethyloctanoic acid								
F067	Soil	Determination of the summation of naphthalene (volatile) and the sum of 15 polycyclic aromatic hydrocarbons (PAH): GC-MS	30 March 2022	306, 309	In house method	AH426W AH202W AH2000W AH1604P	Addition of summation of two different scope lines	GRN-PAKT16EU	268, 356	
F068	Soil and Ground water	Determination of total oil C5-C40	12 April 2022	307, 309	In house method	AH426W, AH202W, AH203W, AH414W, AH413W	Addition of sum fractions	GRN-0540H GRW-0540H	84 and 76 (soil) 84 and 75 (water)	
F069	Soil and Ground water	Determination of total oil C5-C35	12 April 2022	310, 311	In house method	AH426W, AH202W, AH203W, AH414W, AH413W	Addition of sum fractions	GRN-TALAR GRW-TALAR	84 and 85	
F071	Soil	Determination of the content of anilines; GC-MS  aniline, 2-chloroaniline, sum of 3-chloroaniline and 4-chloroaniline, 3,4-dichloroaniline, 2,3-dichloroaniline, 2,6-dichloroaniline, 3,5-dichloroaniline, sum of 2,4-dichloroaniline and 2,5-dichloroaniline	21 July 2022	315	In house method	AH1028W VAL-268	Analyses on a PTV-GCMS	GRN-P0534, GRN-P0538, GRN-P1519, GRN-P1523, GRN-P1524, GRN-P1527, GRN-P1528	110	
F070	Waste water	Determination of the content of elements; ICP-AES aluminum, antimony, arsenic, barium, beryllium, boron, cadmium, calcium, chromium, phosphor, iron, potassium, cobalt, copper, lead, magnesium, manganese, molybdenum, nickel, selenium, sodium, strontium, sulphur, tellurium, tin, vanadium, silver, zinc	13 September 2022	303	NEN 6966, NEN-EN-ISO 11885 et NF EN ISO 11885 (digestion NEN-EN-ISO 15587-1 et NF EN ISO 15587-1)	AH326W, AH352W, AH301W, AH353W, AH2010W	Addition of NF EN ISO 11885 and NF EN ISO 15587-1	 F070 geaccrediteerde cod	2	