



Please find below the results of the laboratory

Certificate of analysis

Certificate number 2011217578
 Your project number
 Your project name AF/H
 Your order number
 Sample(s) received 14-12-2011
 Sampler A.J. Sneekes
 Sample matrix Water; Wastewater
 Current report date 22-12-2011 / 08:19

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Analyses	Unit	1	2
Metals			
Arsenic (As) after access	µg/L	<1.5	<1.5
Iron (Fe) after access	mg/L	0.41	0.052
Manganese (Mn) after access	mg/L	0.031	<0.020
Phosphorus total (P)	mg/L	8.4	8.7
Phosphorus total (PO4)	mg PO4/L	26	27
Phosphorus total (P2O5)	mg P2O5/L	19	20

Fysical-chemical analyses

Evaporation residue, undissolved fraction	mg/L	510	<5.0
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Inorganic compounds & wet chemistry

Chemical oxygen demand (CZV)	mg/L	690	25
Chloride	mg/L	65	55
Nitrogen according Kjeldahl (N)	mg/L	43	2.5
Sulphate dissolved (SO4)	mgSO4/L	11	20
Sulphate dissolved (SO4-S)	mg S/L3.7		6.6

Biological and/or toxicological analyses

Biochemical oxygen consumption (BZV-5)	mg O2/L	95	1.6
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Nr. Sample discription

- 1 Influent
- 2 Effluent

Annex (C) with method references associated with certificate of analysis 2011217578

Analysis	Method	Technique	Reference method
Chemical oxygen demand (CZV)	WO553	Titrimetrie	Cf. NEN 6633/a1:2007
ICP-MS Arsenic (As) after access	WO425	ICP-MS	Cf. NEN-EN-ISO 17294-2 en cf. CMA/2/I/B.1
ICP-MS Iron (Fe) after access	WO425	ICP-MS	Cf. NEN-EN-ISO 17294-2 en cf. CMA/2/I/B.1
ICP-MS Manganese (Mn) after access	WO425	ICP-MS	Cf. NEN-EN-ISO 17294-2 en cf. CMA/2/I/B.1
ICP-MS Phosphorus total (P)	WO425	ICP-MS	Cf. NEN-EN-ISO 17294-2 en cf. CMA/2/I/B.1
Evaporation residue, undissolved fraction	WO552	Gravimetrie	Cf. NEN 6499 en gw. NEN 6621
Chloride	WO566	Spectometrie	Cf. NEN 6604
Nitrogen according Kjeldahl	WO554	Spectometrie	Own nethod, (NEN-ISO 5663/NEN 6604)
Sulphate dissolved (autoanalyser)	WO522	Spectometrie(CFA)	Cf. NEN-ISO 22743:2006/C1:2007
Biochemical oxygen consumption (BZV-5)	WO556	Potentiometrie	Cf. NEN-EN1899-1& cf. NEN-ISO5814 (2581)