SEDIMENT SAMPLES

MAIN INLET

Ref: 425964 **Point Code:** 90009800 **Taken:** 18-Jul-2019 15:50 **Material:** 8AZZ

Measurements

Valid	Status	Det. Code	Det. Name	Meth. Code	Result	Unit	Acr	Failure Codes
V	E	3339	Mitochondrial Marker : Avian copy number : Wet Wt	22	4.33	lgN/g ww	N	
V	E	3349	Bacteroidetes Marker : Human copy number : Wet Wt	22	6.06	lgN/g ww	N	
V	N	3493	Streptococci : Faecal : Presumptive : MF : Wet Wt	21	N	NO/g	D	
V	E	3495	Escherichia coli : Presumptive : MF : Wet Wt	21	52000	NO/g	D	
V	E	4081	Escherichia coli : Confirmed : MF : Wet Wt	21	42000	NO/g	D	
V	E	4871	Mitochondrial Marker : Avian	22	Present		N	
V	E	4876	Microbial Source Tracking	21	1	Text	N	
			Human Bacteroides Present. Bird mitochondrial Present. Although the relevant laboratory procedures carry United Kingdom Accreditation Service (UKAS) accreditation, the quantitative reporting of gene copy numbers is not covered by the UKAS accreditation. The uncertainty of measurement (UoM) of the laboratory testing has been assessed; however,the UoM in the real world situation is unknown. Until this has been further evaluated,the microbial source-tracking data should not be considered as quantitative. It is strongly recommended that repeat samples are processed over time to look for trends. Sediment samples reported as,log(10) gene copies per gram wet weight.					
V	E	4926	MST Filtration	21	DNA Stored		E	
V	E	5886	Bacteroides HF183 primer	22	Present / 100ml		N	
V	E	5923	Preparation: DNA	21	1	UNITLESS	N	
V	E	7434	National Grid Reference : Whole : Field report SP0129988113	26	1	UNITLESS	N	
V	N	8235	Salmonella : Wet Wt	21	N	PRES/NF	D	

DOWNSTREAM OF INLET BELOW WEIR

Ref: 425963 **Point Code:** 90009800 **Taken:** 18-Jul-2019 16:25 **Material:** 8AZZ

Measurements

Valid	Status	Det. Code	Det. Name	Meth. Code	Result	Unit	Acr	Failure Codes
V	E	3339	Mitochondrial Marker : Avian copy number : Wet Wt	22	3.57	lgN/g ww	N	
V	E	3349	Bacteroidetes Marker : Human copy number : Wet Wt	22	4.52	lgN/g ww	N	
V	N	3493	Streptococci : Faecal : Presumptive : MF : Wet Wt	21	N	NO/g		
V	E	3495	Escherichia coli : Presumptive : MF : Wet Wt	21	4500	NO/g	D	
V	N	3820	Bacteroidetes Marker : Human copy number	21	N	lgN/0.1l		
V	E	4081	Escherichia coli : Confirmed : MF : Wet Wt	21	2300	NO/g	D	
V	E	4871	Mitochondrial Marker : Avian	22	Present		N	
V	E	4876	Microbial Source Tracking	21	1	Text	N	
			Human Bacteroides Present. Bird mitochondrial Present. Although the relevant laboratory procedures carry United Kingdom Accreditation Service (UKAS) accreditation, the quantitative reporting of gene copy numbers is not covered by the UKAS accreditation. The uncertainty of measurement (UoM) of the laboratory testing has been assessed; however,the UoM in the real world situation is unknown. Until this has been further evaluated,the microbial source-tracking data should not be considered as quantitative. It is strongly recommended that repeat samples are processed over time to look for trends. Sediment samples reported as,log(10) gene copies per gram wet weight.				
V	E	4926	MST Filtration	21	DNA Stored		E	
V	E	5886	Bacteroides HF183 primer	22	Present / 100ml		N	
V	E	5923	Preparation: DNA	21	1	UNITLESS	N	
V	E	7434	National Grid Reference : Whole : Field report SP0130688121	26	1	UNITLESS	N	
V	N	8235	Salmonella : Wet Wt	21	N	PRES/NF		

BETWEEN ISLANDS

Ref: 425965 **Point Code:** 90009800 **Taken:** 18-Jul-2019 16:05 **Material:** 8AZZ

Measurements

Valid	Status	Det. Code	Det. Name	Meth. Code	Result	Unit	Acr	Failure Codes
V	E	3339	Mitochondrial Marker : Avian copy number : Wet Wt	22	<2	lgN/g ww	N	
V	E	3349	Bacteroidetes Marker : Human copy number : Wet Wt	22	3.21	lgN/g ww	N	
V	N	3493	Streptococci : Faecal : Presumptive : MF : Wet Wt	21	N	NO/g	D	
V	E	3495	Escherichia coli : Presumptive : MF : Wet Wt	21	36	NO/g	D	
V	E	4081	Escherichia coli : Confirmed : MF : Wet Wt	21	18	NO/g	D	
V	E	4871	Mitochondrial Marker : Avian	22	Present		N	
V	E	4876	Microbial Source Tracking	21	1	Text	N	
			Human Bacteroides Present. Bird mitochondrial Present. Although the relevant laboratory procedures carry United Kingdom Accreditation Service (UKAS) accreditation, the quantitative reporting of gene copy numbers is not covered by the UKAS accreditation. The uncertainty of measurement (UoM) of the laboratory testing has been assessed; however,the UoM in the real world situation is unknown. Until this has been further evaluated,the microbial source-tracking data should not be considered as quantitative. It is strongly recommended that repeat samples are processed over time to look for trends. Sediment samples reported as,log(10) gene copies per gram wet weight.				
V	E	4926	MST Filtration	21	DNA Stored		E	
V	E	5886	Bacteroides HF183 primer	22	Present / 100ml		N	
V	E	5923	Preparation: DNA	21	1	UNITLESS	N	
V	E	7434	National Grid Reference : Whole : Field report SP0134688147	26	1	UNITLESS	N	
V	N	8235	Salmonella : Wet Wt	21	N	PRES/NF	D	