

Somerset Scientific Services
Unit 2A Westpark 26, Chelston, Wellington, Somerset. TA21 9AD
Phone: (01823) 355951 Fax: (01823) 356119
Email: somersetscientific@somerset.gov.uk
Website: www.somerset.gov.uk

SMART Systems Ltd.
SMART Systems Ltd
Arnolds Way
Yatton
North Somerset
BS49 4QN

ENVIRONMENTAL WATER DETAILS

Sample Number:	21700262	Client's Ref:	PPD
Date Received:	19/04/2017	Date Sampled:	19/04/2017
		Time Sampled:	:
Description:	Environmental Water	Sampled By:	L Taylor
Details:	Paint Plant Discharge T19		

TEST REPORT

Analysis Description	Result	Units	UKAS Status	Method No *
Selenium	0.00	mg/L	No	SC
Sub-contracted analysis	See Comments		No	ADMIN
pH	6.7		Yes	W0001
COD Settled	1900	mg/L	Yes	W0011
Suspended Solids	63	mg/L	Yes	W0005
Oil	<20	mg/L	No	
BOD (ATU)	540	mg/L	Yes	W0009
Silver	< 0.01	mg/L	No	W0122
Aluminium	10.20	mg/L	No	W0122
Iron	0.62	mg/L	No	W0122
Manganese	0.25	mg/L	No	W0122

LABORATORY COMMENTS

(Tests marked " No " in the UKAS status column are not included in the UKAS Accreditation Schedule for our Laboratory. Opinions and interpretations expressed herein are outside the scope of UKAS accreditation).

*=Method No's marked CALC are a calculation and SC is subcontracted work, not method number.

These analytical results relate to the sample as received in the laboratory. Quality checks carried out as part of the above analyses were within specifications.

The remaining results are similar to past results

As agreed the following tests were subcontracted to a specialist laboratory the results are detailed below;


Antimony	0.027 mg/L
Arsenic	<0.005 mg/L
Boron	<0.20 mg/L
Beryllium	<0.002 mg/L

(continuation sheet) Sample Number: **21700262**

LABORATORY COMMENTS CONTINUED

Cobalt	<0.002 mg/L
Molybdenum	<0.005 mg/L
Vanadium	0.002 mg/L
Cadmium	<0.0002 mg/L
Chromium	< 0.005 mg/L
Lead	<0.002 mg/L
Copper	0.015 mg/L
Nickel	0.024 mg/L
Zinc	0.03 mg/L
Thallium	<0.002 mg/L
Selenium	<0.002 mg/L.

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Authorised by: 

08/05/2017

Iain Hunter

Service Manager- Scientific Services

MSc CChem MRSC MCIWM

