

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

ENVIRONMENTAL WATER DETAILS

Sample Number:	21604299	Client's Ref:	PPD
Date Received:	26/07/2016	Date Sampled:	26/07/2016
		Time Sampled:	10:45
Description:	Environmental Water	Sampled By:	B Miles
Details:	Plant Paint Discharge T19		

TEST REPORT

Analysis Description	Result	Units	UKAS Status	Method No *
Selenium	< 0.01	mg/L	No	SC
Sub-contracted analysis	See Comments		No	ADMIN
pH	6.8		Yes	W0001
COD Settled	176	mg/L	Yes	W0011
Suspended Solids	47	mg/L	Yes	W0005
Suspended Solids(ignited)	24	mg/L	Yes	W0005
Oil	<20	mg/L	No	
BOD (ATU)	45	mg/L	Yes	W0009
Silver	< 0.01	mg/L	No	W0122
Aluminium	9.55	mg/L	No	W0122
Iron	1.96	mg/L	Yes	W0122
Manganese	0.91	mg/L	Yes	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 Aluminium results(please note that it is recorded as mg/L) for this sample is slightly raised when compared to the last sample that was taken from this sampling point

The pH result is lower than the last sample taken in April 2016.

The remaining results are similar to past results

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

(continuation sheet) Sample Number: **21604299**

LABORATORY COMMENTS CONTINUED

Antimony	0.003 mg/L
Arsenic	<0.005 mg/L
Boron	<0.20 mg/L
Beryllium	<0.002 mg/L
Cobalt	0.008 mg/L
Molybdenum	<0.005 mg/L
Vanadium	<0.002 mg/L
Cadmium	0.0003 mg/L
Chromium	< 0.005 mg/L
Lead	<0.002 mg/L
Copper	0.010 mg/L
Nickel	<0.005 mg/L
Zinc	0.04 mg/L
Thallium	<0.002 mg/L
Selenium	<0.002 mg/L

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Authorised by: 

08/08/2016

Iain Hunter

Service Manager- Scientific Services

MSc CChem MRSC MCIWM



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