

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

ENVIRONMENTAL WATER DETAILS

Sample Number:	21509639	Client's Ref:	
Date Received:	19/01/2016	Date Sampled:	19/01/2016
		Time Sampled:	11:15
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	4.7		Yes	W0001
COD Settled	321	mg/L	Yes	W0011
Suspended Solids	40	mg/L	Yes	W0005
Oil	<20	mg/L	No	
Iron	3.7	mg/L	Yes	W0122
Manganese	0.44	mg/L	Yes	W0122
Silver	0.6	µg/L	Yes	W0151
Aluminium	53000	µg/L	Yes	W0151

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 for this sample is raised when compared to past results from this monitoring point.

The pH result is also low when compared to past result and indicates that the sample is acidic in nature .

Please note that there is no BOD result for this sample due to a technical problem within the laboratory.

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


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

(continuation sheet) Sample Number: **21509639**

LABORATORY COMMENTS CONTINUED

Beryllium	<0.002 mg/L
Cobalt	0.007 mg/L
Molybdenum	<0.005 mg/L
Vanadium	0.003mg/L
Cadmium	<0.0002 mg/L
Chromium	<0.005 mg/L
Lead	<0.002 mg/L
Copper	0.047 mg/L
Nickel	0.032 mg/L
Zinc	0.07 mg/L
Thallium	<0.002 mg/L
Selenium	<0.002 mg/L

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Authorised by: 

16/02/2016

Iain Hunter

Service Manager- Scientific Services

MSc CChem MRSC MCIWM

