

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

ENVIRONMENTAL WATER DETAILS

Sample Number:	21403857	Client's Ref:	
Date Received:	30/07/2014	Date Sampled:	30/07/2014
		Time of Sampling was not Provided.	
Description:	Environmental Water	Sampled By:	I Hunter
Details:	Plant Paint Discharge T19		

TEST REPORT

Analysis Description	Result	Units	UKAS Status	Method No *
Sub-contracted analysis	See Comments		No	ADMIN
pH	8.5		Yes	W0001
COD Settled	137	mg/L	Yes	W0011
Suspended Solids	22	mg/L	Yes	W0005
Oil	<20mg/L	mg/L	No	
BOD (ATU)	11	mg/L	Yes	W0009
Iron	< 0.05	mg/L	Yes	W0122
Manganese	0.05	mg/L	Yes	W0122
Silver	< 1	µg/L	Yes	W0151
Aluminium	4600	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, not a 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 result is significantly higher than the previous result from this monitoring point . The pH result is also raised when compared to past results

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
Beryllium	<0.002 mg/L
Cobalt	< 0.002 mg/L

(continuation sheet) Sample Number: **21403857**

LABORATORY COMMENTS CONTINUED

Molybdenum	0.009 mg/L
Vanadium	<0.002 mg/L
Cadmium	<0.002 mg/L
Chromium	<0.005 mg/L
Lead	< 0.02 mg/L
Copper	<0.005 mg/L
Nickel	<0.005 mg/L
Zinc	<0.02 mg/L
Thallium	<0.002 mg/L
Selenium	<0.0002 mg/L

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Authorised by:  21/08/2014
Iain Hunter Service Manager- Scientific Services
MSc CChem MRSC MCIWM