

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

ENVIRONMENTAL WATER DETAILS

Sample Number: 21307992

Date Received: 15/01/2014

Description: Environmental Water

Details: Plant Paint Discharge T19

Client's Ref:

Date Sampled: 15/01/2014

Time of Sampling was not Provided.

Sampled By: I Hunter

TEST REPORT

Analysis Description	Result	Units	UKAS Status	Method No *
Oil	<20mg/L	mg/L	No	
pH	9.4		Yes	W0001
Suspended Solids	15	mg/L	Yes	W0005
BOD (ATU)	7	mg/L	Yes	W0009
COD Settled	48	mg/L	Yes	W0011
Iron	0.19	mg/L	Yes	W0122
Manganese	< 0.05	mg/L	Yes	W0122
Silver	< 1	µg/L	Yes	W0151
Aluminium	24000	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 raised, when compared to the past result from this monitoring point.

The pH is also raised when compared to the past result from this monitoring point

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

Antimony	<0.005 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: **21307992**

LABORATORY COMMENTS CONTINUED

Molybdenum	0.007 mg/L
Vanadium	<0.005 mg/L
Cadmium	<0.001 mg/L
Chromium	<0.01 mg/L
Lead	0.01 mg/L
Copper	0.006 mg/L
Nickel	0.009 mg/L
Zinc	0.37 mg/L
Thallium	<0.002 mg/L
Selenium	<0.0002 mg/L

These results are similar to past figures from this monitoring point.

This report shall not be reproduced, except in full, without the approval of the Group Manager, Scientific Services

Authorised by: 

31/01/2014

Iain Hunter

Service Manager- Scientific Services

MSc CChem MRSC MCIWM

