

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

<b>ENVIRONMENTAL WATER DETAILS</b>
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<b>Sample Number:</b>	<b>21307992</b>	<b>Client's Ref:</b>	
Date Received:	15/01/2014	Date Sampled:	15/01/2014
Description:	Environmental Water	Time of Sampling was not Provided.	
Details:	Plant Paint Discharge T19	Sampled By:	I Hunter

<b>TEST REPORT</b>
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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

<b>LABORATORY COMMENTS</b>
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(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.

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Authorised by:  ..... 31/01/2014  
Iain Hunter Service Manager- Scientific Services  
MSc CChem MRSC MCIWM

