

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

ENVIRONMENTAL WATER DETAILS

Sample Number:	21500263	Client's Ref:	
Date Received:	22/04/2015	Date Sampled:	22/04/2015
		Time Sampled:	10:20
Description:	Environmental Water	Sampled By:	J Lowe
Details:	Plant Paint Discharge T19		

TEST REPORT

Analysis Description	Result	Units	UKAS Status	Method No *
Sub-contracted analysis	See Comments		No	ADMIN
Selenium	< 0.01	mg/L	No	SC
pH	6.8		Yes	W0001
COD Settled	51	mg/L	Yes	W0011
Suspended Solids	31	mg/L	Yes	W0005
Oil	<20	mg/L	No	
BOD (ATU)	15	mg/L	Yes	W0009

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.

Due to a temporary fault with one of our machines the metals tests were subcontracted to a UKAS accredited laboratory the results are detailed below,. All the results comply with the above regulations

Aluminium.....3700.0 ug/L
 Silver..... 0.0016 mg/L
 Iron.....2.8 mg/L
 Manganese1.10 mg/L

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

(continuation sheet) Sample Number: **21500263**

LABORATORY COMMENTS CONTINUED

Boron	<0.20 mg/L
Beryllium	<0.002 mg/L
Cobalt	0.010 mg/L
Molybdenum	<0.005 mg/L
Vanadium	0.004 mg/L
Cadmium	0.0003 mg/L
Chromium	<0.005 mg/L
Lead	<0.002 mg/L
Copper	<0.005 mg/L
Nickel	0.067 mg/L
Zinc	<0.02 mg/L
Thallium	<0.002 mg/L
Selenium	<0.002 mg/L

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

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Authorised by:  20/05/2015
Iain Hunter Service Manager- Scientific Services
MSc CChem MRSC MCIWM

