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

SAMPLE OF: ENVIRONMENTAL WATER

Sample Number:	21801922	Client' Ref:	PPD
Date Received:	25/07/2018	Date Sampled:	25/07/2018
		Time Sampled:	09:40
		Sampled By:	L Taylor

Details: Paint Plant Discharge T19

TEST REPORT

Analysis Description	Results	Units	UKAS Status	Method No*
Selenium	< 0.01	mg/L	No	SC
Sub-contracted analysis	See Comments		No	SC
pH	8.5		Yes	W0001
COD Settled	759	mg/L	Yes	W0011
Suspended Solids	155	mg/L	Yes	W0005
Oil	< 20	mg/L	No	
BOD (ATU)	176	mg/L	Yes	W0009
Silver	< 0.01	mg/L	Yes	W0122
Aluminium	24.30	mg/L	Yes	W0122
Iron	1.03	mg/L	Yes	W0122
Manganese	0.05	mg/L	Yes	W0122

The suspended solids result for this sample are raised when compared to past results

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
Molybdenum	<0.005 mg/L
Vanadium	<0.002 mg/L
Cadmium	<0.0002 mg/L
Chromium	< 0.005 mg/L
Lead	<0.002 mg/L
Copper	0.006 mg/L
Nickel	<0.005 mg/L
Zinc	<0.02 mg/L
Thallium	<0.1 mg/L
Selenium	<0.002 mg/L.

(Continuation Sheet) sample number 21801922

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Authorised by: 

09/08/2018

Iain Hunter

MSc CChem MRSC MCIWM

(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.