

RELEASES TO WATER (SEWER)
 REPORTING OF MONITORING DATA
 SUMMARY FOR THE SIX MONTH PERIOD ENDING December
 2019

Operator **Tradebe Limited**

Location **Bridgend Waste Management Centre, Factory Lane,
 Pencoed, Bridgend, CF35 5BQ**

Permit Number **NP3233XX**

Release Point: Final Effluent Discharge Point S1

Table 1.S1: Release to water(Sewer)					
Parameter	Result(mg/l) Batch 1	Batch 2	Batch 3	Batch 4	Batch 5
Suspended solids (Limit = 1700mg/l)	Result: 177 Date: 09/07/2019	Result: 112 Date: 28/08/2019	Result: 119 Date: 11/09/2019	Result: 118 Date: 02/11/2019	Result: 70 Date: 6/12/2019
Oil & Grease (limit – 100mg/l)	Result: <1 Date: 09/07/2019	Result: <1 Date: 28/08/2019	Result: <1 Date: 25/03/2019	Result: <1 Date: 02/11/2019	Result: <1 Date: 6/12/2019
Total Sulphate (Limit = 1000 mg.l)	Result: 64 Date: 09/07/2019	Result: 117 Date: 28/08/2019	Result: 107 Date: 11/09/2019	Result: 78 Date: 02/11/2019	Result: 48 Date: 6/12/2019
Total NH3-N (Limit = 500mg/l)	Result: 1258 Date: 09/07/2019	Result: 1394 Date: 28/08/2019	Result: 1360 Date: 11/09/2019	Result: 1496 Date: 02/11/2019	Result: 1411 Date: 6/12/2019
Total Chromium (Limit = 2mg/l)	Result: 0.21 Date: 09/07/2019	Result: 0.29 Date: 28/08/2019	Result: 0.178 Date: 11/09/2019	Result: 0.15 Date: 02/11/2019	Result: 0.18 Date: 6/12/2019
Total Copper (Limit = 2 mg/l)	Result: 0.1 Date: 09/07/2019	Result: 0 Date: 28/08/2019	Result: 0 Date: 11/09/2019	Result: 0 Date: 02/11/2019	Result: 0.03 Date: 6/12/2019

Total Lead (Limit = 2 mg/l)		Result: 0.02 Date: 09/07/2019	Result: 0 Date: 28/08/2019	Result: 0 Date: 11/09/2019	Result: 0 Date: 02/11/2019	Result: 0 Date: 6/12/2019
Total Nickel (Limit = 2 mg/l)		Result: 0.19 Date: 09/07/2019	Result: 0.1 Date: 28/08/2019	Result: 0 Date: 11/09/2019	Result: 0 Date: 02/11/2019	Result: 0.06 Date: 6/12/2019
Total Zinc (Zn) (Limit = 2 mg/l)		Result: 0.11 Date: 09/07/2019	Result: 0.22 Date: 28/08/2019	Result: 0 Date: 11/09/2019	Result: 0 Date: 02/11/2019	Result: 0 Date: 6/12/2019
Total Cyanide (CN) (Limit = 2 mg/l)		Result: N/D Date: 09/07/2019	Result: N/D Date: 28/08/2019	Result: N/D Date: 11/09/2019	Result: N/D Date: 02/11/2019	Result: N/D Date: 6/12/2019
Total Sulphide (Limit = 3 mg/l)		Result: 0.78 Date: 09/07/2019	Result: 0.37 Date: 28/08/2019	Result: 0.12 Date: 11/09/2019	Result: 0.4 Date: 02/11/2019	Result: 0.35 Date: 6/12/2019
Total Monohydric Phenols (Limit = 100 mg/l)		Result: 8.06 Date: 09/07/2019	Result: 7.27 Date: 28/08/2019	Result: 6.54 Date: 11/09/2019	Result: 6.18 Date: 02/11/2019	Result: 8.39 Date: 6/12/2019
Total Monoxol OT (Limit = 30mg/l)		Result: N/D Date: 09/07/2019	Result: N/D Date: 28/08/2019	Result: N/D Date: 11/09/2019	Result: N/D Date: 02/11/2019	Result: N/D Date: 16/12/2019
PH (Limit = 6.0 – 10.0)	Max	8.44				
	Min	6.1				
Temperature (Limit = 43 c)	Max	28.9				
	Min	5.2				
Flow Rate l/s (Limit = 10l/s)	Max	8				
	Min	0				
Daily Flow M3 (Limit = 1400 m3)	Max	194				
	Min	0				

Week ending:	Parameters		
21/10/2019	COD (limit 2500kg/day)	Total NH3-N (Limit 280kg/day)	Monohydric Phenols (Daily Increase, 7kg/day)
Monday	275.48	130.36	<1kg
Tuesday	216.79	162.79	<1kg
Wednesday	224.00	140.89	<1kg
Thursday	174.73	139.08	<1kg
Friday	228.66	138.33	<1kg
Saturday	94.72	82.69	
Sunday			

Signed on behalf of the Operator:
Andrew Price



Dated: 29/01/2020