

RELEASES TO WATER (SEWER)
 REPORTING OF MONITORING DATA
 SUMMARY FOR THE SIX MONTH PERIOD ENDING June 2020

Operator **Tradebe Limited**

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

Permit Number **NP3233XX**

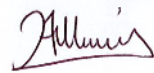
Release Point: Final Effluent Discharge Point S1

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: 108 Date: 21/01/2020	Result: 176 Date: 17/02/2020	Result: 112 Date: 19/03/2020	Result: 68 Date: 18/04/2020	Result: 128 Date: 07/05/2020
Oil & Grease (limit – 100mg/l)	Result: <1 Date: 21/01/2020	Result: <1 Date: 17/02/2020	Result: <1 Date: 19/03/2020	Result: <1 Date: 18/04/2020	Result: <1 Date: 07/05/2020
Total Sulphate (Limit = 1000 mg.l)	Result: 63 Date: 21/01/2020	Result: 6 Date: 17/02/2020	Result: 45 Date: 19/03/2020	Result: 35 Date: 18/04/2020	Result: 37 Date: 07/05/2020
Total NH3-N (Limit = 500mg/l)	Result: 1224 Date: 21/01/2020	Result: 1037 Date: 17/02/2020	Result: 884 Date: 19/03/2020	Result: 1411 Date: 18/04/2020	Result: 1377 Date: 07/05/2020
Total Chromium (Limit = 2mg/l)	Result: 0.21 Date: 21/01/2020	Result: 0.22 Date: 17/02/2020	Result: 0.01 Date: 19/03/2020	Result: 0.25 Date: 18/04/2020	Result: 0.18 Date: 07/05/2020
Total Copper (Limit = 2 mg/l)	Result: 0.01 Date: 21/01/2020	Result: 0.11 Date: 17/02/2020	Result: 0.15 Date: 19/03/2020	Result: 0.02 Date: 18/04/2020	Result: ND Date: 07/05/2020

Total Lead (Limit = 2 mg/l)		Result: 0.18 Date: 21/01/2020	Result: 0.26 Date: 17/02/2020	Result: 0.05 Date: 19/03/2020	Result: ND Date: 18/04/2020	Result: ND Date: 07/05/2020
Total Nickel (Limit = 2 mg/l)		Result: 0.12 Date: 21/01/2020	Result: 0.25 Date: 17/02/2020	Result: 0.25 Date: 19/03/2020	Result: 0.08 Date: 18/04/2020	Result: ND Date: 07/05/2020
Total Zinc (Zn) (Limit = 2 mg/l)		Result: 0.36 Date: 21/01/2020	Result: 0.09 Date: 17/02/2020	Result: 0.23 Date: 19/03/2020	Result: 0.10 Date: 18/04/2020	Result: ND Date: 07/05/2020
Total Cyanide (CN) (Limit = 2 mg/l)		Result: N/D Date: 21/01/2020	Result: N/D Date: 17/02/2020	Result: N/D Date: 19/03/2020	Result: N/D Date: 18/04/2020	Result: N/D Date: 07/05/2020
Total Sulphide (Limit = 3 mg/l)		Result: 0.65 Date: 21/01/2020	Result: 0.65 Date: 17/02/2020	Result: 0.75 Date: 19/03/2020	Result: 0.50 Date: 18/04/2020	Result: 0.75 Date: 07/05/2020
Total Monohydric Phenols (Limit = 100 mg/l)		Result: 11.50 Date: 21/01/2020	Result: 13.0 Date: 17/02/2020	Result: 8.50 Date: 19/03/2020	Result: 0.4 Date: 18/04/2020	Result: 1.4 Date: 07/05/2020
Total Monoxol OT (Limit = 30mg/l)		Result: <1 Date: 21/01/2020	Result: N/D Date: 17/02/2020	Result: N/D Date: 19/03/2020	Result: N/D Date: 18/04/2020	Result: N/D Date: 07/05/2020
PH (Limit = 6.0 – 10.0)	Max	8.56				
	Min	6.58				
Temperature (Limit = 43 c)	Max	28.9				
	Min	7.2				
Flow Rate l/s (Limit = 10l/s)	Max	8.4				
	Min	0				
Daily Flow M3 (Limit = 1400 m3)	Max	185				
	Min	0				

Week ending:	Parameters		
31/03/2020	COD (limit 2500kg/day)	Total NH3-N (Limit 280kg/day)	Monohydric Phenols (Daily Increase, 7kg/day)
Monday	223.88	167.62	<1kg
Tuesday	244.26	184.552	<1kg
Wednesday	243.08	176.528	<1kg
Thursday	263.14	192.576	<1kg
Friday	241.9	188.564	<1kg
Saturday	271.4	210.63	<1kg
Sunday			

Signed on behalf of the Operator:
Alex Morris



Dated: 30/07/2020