

RELEASES TO WATER (SEWER)
 REPORTING OF MONITORING DATA
 SUMMARY FOR THE SIX MONTH PERIOD ENDING June 2021

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: 309 Date: 15/01/2021	Result: 81 Date: 09/02/2021	Result: 171 Date: 25/03/2021	Result: 209 Date: 10/05/2021	Result: 156 Date: 25/6/2021
Oil & Grease (limit – 100mg/l)	Result: <1 Date: 15/01/2021	Result: <1 Date: 09/02/2021	Result: <1 Date: 25/03/2021	Result: <1 Date: 10/05/2021	Result: <1 Date: 25/6/2021
Total Sulphate (Limit = 1000 mg.l)	Result: 103 Date: 15/01/2021	Result: 104 Date: 09/02/2021	Result: 0 Date: 25/03/2021	Result: 9 Date: 10/05/2021	Result: 74 Date: 25/6/2021
Total NH3-N (Limit = 500mg/l)	Result: 799 Date: 15/01/2021	Result: 850 Date: 09/02/2021	Result: 748 Date: 25/03/2021	Result: 425 Date: 10/05/2021	Result: 960 Date: 25/6/2021
Total Chromium (Limit = 2mg/l)	Result: 0.069 Date: 15/01/2021	Result: 0.08 Date: 09/02/2021	Result: 0 Date: 25/03/2021	Result: 0.02 Date: 10/05/2021	Result: 0.04 Date: 25/6/2021
Total Copper (Limit = 2 mg/l)	Result: 0.11 Date: 15/01/2021	Result: 0.29 Date: 09/02/2021	Result: 0.14 Date: 25/03/2021	Result: 0.033 Date: 10/05/2021	Result: 0.23 Date: 25/6/2021

Total Lead (Limit = 2 mg/l)		Result: ND Date: 15/01/2021	Result: ND Date: 09/02/2021	Result: ND Date: 25/03/2021	Result: ND Date: 10/05/2021	Result: ND Date: 25/6/2021
Total Nickel (Limit = 2 mg/l)		Result: 0.094 Date: 15/01/2021	Result: 0.02 Date: 09/02/2021	Result: 0 Date: 25/03/2021	Result: 0.11 Date: 10/05/2021	Result: 0.01 Date: 25/6/2021
Total Zinc (Zn) (Limit = 2 mg/l)		Result: 0.041 Date: 15/01/2021	Result: 0.09 Date: 09/02/2021	Result: 0.0 Date: 25/03/2021	Result: 0.095 Date: 10/05/2021	Result: 0.05 Date: 25/6/2021
Total Cyanide (CN) (Limit = 2 mg/l)		Result: N/D Date: 15/01/2021	Result: N/D Date: 09/02/2021	Result: N/D Date: 25/03/2021	Result: N/D Date: 10/05/2021	Result: N/D Date: 25/6/2021
Total Sulphide (Limit = 3 mg/l)		Result: 0.5 Date: 15/01/2021	Result: 0.5 Date: 09/02/2021	Result: 0 Date: 25/03/2021	Result: 0.25 Date: 10/05/2021	Result: 0.1 Date: 25/6/2021
Total Monohydric Phenols (Limit = 100 mg/l)		Result: ND Date: 15/01/2021	Result: 1 Date: 09/02/2021	Result: 1 Date: 25/03/2021	Result: ND Date: 10/05/2021	Result: 1 Date: 25/6/2021
Total Monoxol OT (Limit = 30mg/l)		Result: <1 Date: 15/01/2021	Result: N/D Date: 09/02/2021	Result: N/D Date: 25/03/2021	Result: 0.2 Date: 10/05/2021	Result: N/D Date: 25/6/2021
PH (Limit = 6.0 – 10.0)	Max	9.06				
	Min	6.7				
Temperature (Limit = 43 c)	Max	20.9				
	Min	8.4				
Flow Rate l/s (Limit = 10l/s)	Max	8				
	Min	0				
Daily Flow M3 (Limit = 1400 m3)	Max	193				
	Min	0				

Week ending:	Parameters		
14/02/2021	COD (limit 2500kg/day)	Total NH3-N (Limit 280kg/day)	Monohydric Phenols (Daily Increase, 7kg/day)
Monday	288	127.84	<1kg
Tuesday	254.72	108.8	<1kg
Wednesday	277.20	176.528	<1kg
Thursday	229.62	135.966	<1kg
Friday	245.76	121.856	<1kg
Saturday			
Sunday			

Signed on behalf of the Operator:



Dated: 24/07/2021