

RELEASES TO WATER (SEWER)
REPORTING OF MONITORING DATA
SUMMARY FOR THE SIX MONTH PERIOD ENDING December 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: 281 Date: 13/07/2021	Result: 101 Date: 09/08/2021	Result: 93 Date: 21/09/2021	Result: 15 Date: 04/10/2021	Result: 129 Date: 19/11/2021
Oil & Grease (limit – 100mg/l)	Result: N/D Date: 13/07/2021	Result: N/D Date: 09/08/2021	Result: N/D Date: 21/09/2021	Result: N/D Date: 04/10/2021	Result: N/D Date: 19/11/2021
Total Sulphate (Limit = 1000 mg.l)	Result: 58 Date: 13/07/2021	Result: 59 Date: 09/08/2021	Result: 36 Date: 21/09/2021	Result: 80 Date: 04/10/2021	Result: 47 Date: 19/11/2021
Total NH3-N (Limit = 1500mg/l)	Result: 1241 Date: 13/07/2021	Result: 1445 Date: 09/08/2021	Result: 697 Date: 21/09/2021	Result: 799 Date: 04/10/2021	Result: 1054 Date: 19/11/2021
Total Chromium (Limit = 2mg/l)	Result: 0.204 Date: 13/07/2021	Result: 0.163 Date: 09/08/2021	Result: 0.08 Date: 21/09/2021	Result: 0.003 Date: 04/10/2021	Result: 0.12 Date: 19/11/2021
Total Copper (Limit = 2 mg/l)	Result: 0.045 Date: 13/07/2021	Result: N/D Date: 09/08/2021	Result: 0.17 Date: 21/09/2021	Result: 0.334 Date: 04/10/2021	Result: 0.07 Date: 19/11/2021
Total Lead (Limit = 2 mg/l)	Result: N/D Date: 13/07/2021	Result: N/D Date: 09/08/2021	Result: N/D Date: 21/09/2021	Result: N/D Date: 04/10/2021	Result: ND Date: 19/11/2021

Total Nickel (Limit = 2 mg/l)		Result: 0.156 Date: 13/07/2021	Result: 0.066 Date: 09/08/2021	Result: 0.14 Date: 21/09/2021	Result: 0 Date: 04/10/2021	Result: 0.05 Date: 19/11/2021
Total Zinc (Zn) (Limit = 2 mg/l)		Result: 0.094 Date: 13/07/2021	Result: 0.022 Date: 09/08/2021	Result: 0.17 Date: 21/09/2021	Result: 0.239 Date: 04/10/2021	Result: 0 Date: 19/11/2021
Total Cyanide (CN) (Limit = 2 mg/l)		Result: 0 Date: 13/07/2021	Result: 0.05 Date: 09/08/2021	Result: 0 Date: 21/09/2021	Result: 0.01 Date: 04/10/2021	Result: 0.15 Date: 19/11/2021
Total Sulphide (Limit = 3 mg/l)		Result: 1 Date: 13/07/2021	Result: 0.75 Date: 09/08/2021	Result: 1.5 Date: 21/09/2021	Result: 0.5 Date: 04/10/2021	Result: 2 Date: 19/11/2021
Total Monohydric Phenols (Limit = 100 mg/l)		Result: 0 Date: 13/07/2021	Result: 0 Date: 09/08/2021	Result: 0.8 Date: 21/09/2021	Result: 0.8 Date: 04/10/2021	Result: 0.8 Date: 19/11/2021
Total Monoxol OT (Limit = 30mg/l)		Result: 0.2 Date: 13/07/2021	Result: 0.1 Date: 09/08/2021	Result: N/D Date: 21/09/2021	Result: 0.1 Date: 04/10/2021	Result: N/D Date: 19/11/2021
PH (Limit = 6.0 – 10.0)	Max	9.76				
	Min	6.91				
Temperature (Limit = 43 c)	Max	26.91				
	Min	9.6				
Flow Rate l/s (Limit = 10l/s)	Max	9.0				
	Min	0				
Daily Flow M3 (Limit = 1400 m3)	Max	255				
	Min	0				

Week ending:	Parameters		
12/12/2021	COD (limit 2500kg/day)	Total NH3-N (Limit 280kg/day)	Monohydric Phenols (Daily Increase, 7kg/day)
Monday	473.33	135.993	<1kg
Tuesday	358.19	158.151	<1kg
Wednesday	4.15	130.849	<1kg
Thursday	276.12	155.142	<1kg
Friday	275.22	134.691	<1kg
Saturday			
Sunday			

Signed on behalf of the Operator:
Andrew Price



Dated: 14/01/2022