

Part A

Permit Number	EA/EPRYP3937SH/V003
Name of Operator	Mekatek Limited
Location of Installation	Amex Park, Johnstown, Carmarthen, SA31 3NF
Location of the emission	W1
Time and date of the emission	31/05/2022

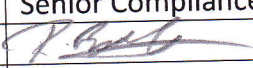
Substance(s) emitted	Media <i>eg air, groundwater</i>	Best estimate of the quantity or the rate of emission	Time during which the emission took place
Total ammonium as N	Source emissions to water	AM daily spot sample identified a value of 29.7mg/l.	Identified at 06:00.
Biochemical oxygen demand (5 days)	Source emissions to water	ALS spot sample identified a value of 52mg/l.	Sample taken 08:00 & sent for analysis

Measures taken, or intended to be taken, to stop the emission	Plant shut down procedure implemented without delay. Discharge stopped. Plant set on full re-circulation.
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Part B

Any more accurate information on the matters for notification under Part A.	Plant remains on full recirculation mode with no discharge until matter is looked into in more detail and / or investigations completed. Plant was on full recirculation mode at the time ALS sample was taken.
Measures taken, or intended to be taken, to prevent a recurrence of the incident	Investigation ongoing. Plant operating under normal conditions during the 24hours prior to exceedance being identified so investigation is being carried out to identify potential cause. Further investigation has shown the following. The samples of all loads that required sampling for acceptance have been retested and reviewed for the 72 hours prior to the exceedance. There was no evidence of that the loads were responsible for the exceedance.

	All duty of care and Hazardous Waste Consignment Notes of loads accepted to site were reviewed for the same period and were compliant with acceptance. Site operations on the Effluent Plant have been reviewed. The plant was operating under normal conditions. All maintenance schedules are up to date at the time of the incident. There was no equipment failure that could have caused the exceedance. The exceedance may have been caused by the discharge of contaminated sewerage load, where there is no requirement to sample in accordance with site acceptance procedures and industry standard for sewerage reception, however this is speculative. The overall findings of the investigation are inconclusive.
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission	Closer monitoring of the sewerage discharge area at point of discharge.
The dates of any unauthorised emissions from the installation in the preceding 24 months.	N/A

Name	Peter Ryall
Post	Senior Compliance Officer
Signature	
Date	01/07/2022