Pumping Station Emergency Discharge Key Protection Measures

Site name:	Rhossog sps
Permit Number and Activity Reference:	BW2300301
Version number and Date	PAN-008748 26/02/2020

Pumps:

Duty pump(s) installed and maintained in working order:	y
Standby pump(s) installed and maintained in working order :	y
Automatic standby pump activation on duty pump failures other than power failure:	y
<Automatic> pump reactivation *as soon as is practicable* when power restored after power failure:	y
Over pumping facility installed and maintained for use if the installed pumps are inoperative:	n
Tanker access provided and maintained at an appropriate location to enable removal of sewage by tanker when necessary:	y

Maintained 24 hour response telemetry alarm system to;

Notify Operator:	**Provided**
Failure or breakdown of the pumping station	y
Overflow operating	y

Alarm response

Response: Take all reasonable remedial measures to return the pumping station to normal operation.	y
Response time: As soon as reasonably practicable after receipt of warning of failure or breakdown of the pumping station	y

Standby power provision:

Mobile generator point. Install and operate a mobile generator as soon as is reasonably practicable in the event of an electrical failure	Y
Permanent standby generator installed and maintained in good working order and activated *as soon as reasonably practicable* in the event of an electrical power failure.	N
Duplicate power supply provided, and activated *as soon as reasonably practicable* in the event of an electrical power failure	N

Emergency storage capacity Hours @ DWF*:

Storage capacity, equivalent to a total of at least x hours of the dry weather flow* ("DWF*"), shall be provided above the normal top operating level in dry weather and below the level of the overflow. Must complete where emergency provisions are new, reassessed, or storage was previously specified in hrs@DWF. Optional elsewhere. X must be agreed with Agency and will equate to the emergency storage capacity (m3) below divided by	There is an underground storm tank but the size is unknown and we cant access to measure

	the design DWF limit (PG+I+E) (m3/day) below. And is expressed in (hours)	

* For compliance purposes Dry Weather Flow shall mean the average daily flow entering the pumping station during seven consecutive days without rain (excluding a period which includes public holidays) following seven days during which the rainfall did not exceed 0.25 millimetres on any one day. The DWF figure you enter should be based on your estimate of PG+I+E at your chosen design horizon.

Design dry weather flow limit	*The figure proposed here should be based on the projected PG + I + E at your proposed design horizon*: Only complete where storage is specified above in hrs@DWF*.	
Emergency storage capacity m3	Minimum storage volume provided above the normal top operating level in dry weather and below the level of the overflow Complete in all cases	*Yes*

Screening:	Screen fitted	n
	Screen type	n/a
	Screen aperture size	n/a
Any other key protection measures (e.g. enhanced target response times, links and dependencies to other pumping stations such as pump inhibits and tankering at upstream pumping stations in an emergency):	Good access for tankers in an emergency	