

# SMP Technical Report

## Nutrient Neutrality Assessment and Mitigation Strategy



**Address of Tank:** Click or tap here to enter text.

**Tank Survey Reference:** Click or tap here to enter text.

### Survey Results

*Please provide a summary of your finding that include:*

- *Discharge (surface water or ground)*
- *No of Properties Served*
- *No of Bedrooms*
- *Description of Current System*
- *Nearest Water Course*

*Viability for New PTP system*

### Existing site

*Please provide details of the existing septic tank location and provide a description of the site together with photos and/or site maps.*

*If necessary, please include any inlet or outlet connections of note*

## New system

*Please explain what PtP tank is recommended and why. Please list exact tank and any extra equipment required to facilitate the upgrade. Are there any additional works, including removal of surface water connection. Please add the manufacture specification as an appendix to this report.*

## Installation Plan

*This section should be used to detail how the installation of the new tank will be completed, please include any works that are required to the site that support the insulation*

## General Binding Rules for Discharge to Watercourse

To ensure the existing septic tank is suitable for the proposed mitigation strategy, the General Binding Rules apply to all small sewage discharges have been investigated, and compliance summarised in the Table below:

No	Discharge	Rule	Compliance
1	Surface: No Ground: Yes	The discharge must be 2 cubic metres or less per day in volume.	Click or tap here to enter text.
2	Surface: Yes Ground: No	The discharge must be 5 cubic metres or less per day in volume.	Click or tap here to enter text.
3	Surface: Yes Ground: Yes	The sewage must only be domestic.	Click or tap here to enter text.
4	Surface: Yes Ground: Yes	The discharge must not cause pollution of surface water or groundwater.	Click or tap here to enter text.
5	Surface: No Ground: Yes	The sewage must receive treatment from a septic tank and infiltration system (drainage field) or sewage treatment plant and infiltration system.	Click or tap here to enter text.
6	Surface: Yes Ground: No	The sewage must receive treatment from a sewage treatment plant.	Click or tap here to enter text.

7	Surface: No Ground: Yes	The discharge must not be within a groundwater source protection zone 1 or within 50 metres from any well, spring or borehole that is used to supply water for domestic or food production purposes.	Click or tap here to enter text.
8	Surface: Yes Ground: No	For discharges in tidal waters, the discharge outlet must be below the mean spring low water mark.	Click or tap here to enter text.
9	Surface: Yes Ground: Yes	All works and equipment used for the treatment of sewage effluent and its discharge must comply with the relevant design and manufacturing standards, meaning the British Standard that was in force at the time of the installation, and guidance issued by the appropriate authority on the capacity and installation of the equipment.	Click or tap here to enter text.
10	Surface: Yes Ground: Yes	The system must be installed and operated in accordance with the manufacturer's specification.	Click or tap here to enter text.
11	Surface: Yes Ground: Yes	Maintenance must be undertaken by someone who is competent.	Click or tap here to enter text.
12	Surface: Yes Ground: Yes	Waste sludge from the system must be safely disposed of by an authorised person.	Click or tap here to enter text.
13	Surface: Yes Ground: Yes	If a property is sold, the operator must give the new operator a written notice stating that a small sewage discharge is being carried out, and giving a description of the wastewater system and its maintenance requirements.	Click or tap here to enter text.
14	Surface: Yes Ground: Yes	The operator must ensure the system is appropriately decommissioned where it ceases to be in operation so that there is no risk of pollutants or polluting matter entering groundwater, inland fresh waters or coastal waters.	Click or tap here to enter text.
<b>Where a discharge started on or after 1 January 2015, the following general binding rules also apply</b>			
15	Surface: Yes Ground: Yes	Discharges must not be within 30 metres of a public foul sewer.	Click or tap here to enter text.
16	Surface: Yes Ground: Yes	For discharges, the operator must ensure that the necessary planning and building control approvals for the treatment system are in place.	Click or tap here to enter text.
17	Surface: Yes Ground: No	Discharges must not be in or within: 500 metres of a Special Area of Conservation (SAC), Special Protection Area (SPA), Ramsar site, biological Site of Special Scientific Interest (SSSI), freshwater pearl mussel population, designated bathing water, or protected shellfish water; 200 metres of an aquatic local nature reserve; 50 metres of a chalk river or aquatic local wildlife site.	Click or tap here to enter text.
18	Surface: No Ground: Yes	Discharges must not be in, or within 50 metres of, a Special Area of Conservation (SAC), Special Protection Area (SPA), Ramsar site, or biological Site of Special Scientific Interest (SSSI), and must not be in an Ancient Woodland.	Click or tap here to enter text.

19	Surface: Yes Ground: No	Discharges must be made to a watercourse that normally has flow throughout the year.	Click or tap here to enter text.
20	Surface: Yes Ground: No	For discharges, any partial drainage field must be installed within 10 metres of the bank side of the watercourse.	Click or tap here to enter text.
21	Surface: Yes Ground: No	Discharges must not be made to an enclosed lake or pond.	Click or tap here to enter text.
<b>Where a new discharge started on or after 2 October 2023, the following two general binding rules also apply</b>			
22	Surface: Yes Ground: Yes	A new discharge shall not use the same outlet as any other discharge if the combined volume of those discharges would exceed the volumetric general binding rules thresholds for groundwater or surface water.	Click or tap here to enter text.
23	Surface: Yes Ground: Yes	A new discharge shall not be made to a discharge point within 50 metres of any other exempt groundwater activity or water discharge activity.	Click or tap here to enter text.
<i>Please add any observations with regard to the General Binding Rules</i>			

### **Existing Outfall to watercourse**

*Please explain if the current connection is to remain as part of the proposed works*

### **Package Treatment System Management and Monitoring Plan**

To ensure mitigation remains valid and effective over time, the installed Package Treatment Plant (PTP) is subject to a structured, enforceable maintenance and monitoring programme.

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*Please outline the proposed management and monitoring plans for the new package treatment plant*

### **Data Protection and Compliance**

All homeowner and property data captured is processed in accordance with the UK General Data Protection Regulation (UK GDPR) and the Data Protection Act 2018. Data is stored securely, used solely for the purposes of regulatory compliance, credit verification, and enforcement support, and is only shared with Local Planning Authorities or statutory bodies where legally required or contractually authorised under a signed Unilateral Undertaking.

### **Report Signature**

This report has been prepared by:	Click or tap here to enter text.
Role:	Click or tap here to enter text.
Checked by:	Click or tap here to enter text.
Role:	Click or tap here to enter text.