

ALLHALLOWS HAVEN HOLIDAY PARK

ALLHALLOWS

ROCHESTER

KENT, ME3 9QD

DRAINAGE OPERATIONS AND MAINTENANCE MANUAL

FOR

HAVEN LEISURE LTD.

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P01

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1 Introduction

This report has been produced to provide general maintenance guidance procedures for the various components of the foul and surface water drainage systems serving the proposed development at Haven Holiday Parks - AllHallows, Rochester, Kent, CT11 9JU.

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2 Surface Water Drainage

This section of the report will provide general maintenance procedures for the various components comprising the surface water drainage systems, serving the proposed development.

2.1 Attenuation Tanks

Regular inspection of geo-cellular storage systems is required to ensure effective long term performance of the system. Maintenance needs of the system should be monitored and schedules adjusted to suit the specific requirements of the development.

The following maintenance regime would be recommended as a minimum but actions and frequencies should be adjusted to suit the specific requirements of this development. However, manufacturer's specific recommendations should always be followed.

Table 2.1 – Recommended Maintenance Requirements

Maintenance Schedule	Required Works/Action	Frequency
Regular Maintenance	<ul style="list-style-type: none"> Inspect and identify incorrect operation. 	Monthly
	<ul style="list-style-type: none"> Debris removal from catchment area using sweeping and vacuuming. 	3 Monthly
	<ul style="list-style-type: none"> Removal of sediment from pre-treatment components i.e catchpits. 	Annually

Current best practise suggests that underground geo-cellular storage systems are constructed with access 'turrets' to ease future maintenance. These 'turrets' allow the annual removal of any silts or sediments directly from the tank ensuring effective long term performance.

2.2 Surface Water Pump

Regular inspection of the pump is required to ensure effective long term performance of the system. Maintenance needs of the system should be monitored and schedules adjusted to suit the specific requirements of the development.

The following maintenance regime would be recommended as a minimum but actions and frequencies should be adjusted to suit the specific requirements of this development. However, manufacturer's specific recommendations should always be followed.

Table 2.2 – Recommended Maintenance Requirements

Maintenance Schedule	Required Works/Action	Frequency
Regular Maintenance	<ul style="list-style-type: none"> Inspect and identify incorrect operation. 	Monthly
	<ul style="list-style-type: none"> Removal of sediment from pre-treatment components i.e. catchpits. 	Annually

Surface water pump proposed, refer to manufacturer's maintenance requirements.

2.3 General Maintenance

Regular inspection and maintenance of drainage systems is essential to ensure effective long term performance. Maintenance needs of the system should be monitored and schedules adjusted to suit the specific requirements of the development.

The following maintenance regime would be recommended as a minimum but actions and frequencies should be adjusted to suit the specific requirements of this development. However, as previously discussed, component specific regimes and any manufacturer's specific recommendations should always be followed.

Table 2.3 – Recommended Maintenance Requirements

Maintenance Schedule	Required Works/Action	Frequency
Routine Maintenance	<ul style="list-style-type: none"> Inspect and identify incorrect operation. Debris removal from catchment area using sweeping and vacuuming. Removal of sediment from pre-treatment components i.e catchpits. 	<p>Monthly</p> <p>3 Monthly</p> <p>Annually</p>

3 Foul Water Drainage

This section of the report will provide general maintenance procedures for the various components comprising the foul water drainage systems, serving the proposed development.

3.1 General Maintenance

Regular inspection and maintenance of drainage systems is essential to ensure effective long term performance. Maintenance needs of the system should be monitored and schedules adjusted to suit the specific requirements of the development.

Table 3.1 – Recommended Maintenance Requirements

Maintenance Schedule	Required Works/Action	Frequency
Routine Maintenance	<ul style="list-style-type: none">Inspect and identify incorrect operation.	Annually