

Cattlestone Farm

Foul Drainage Maintenance and Management Plan

This document has been prepared to set out the management practices which Cattlestone Farm has in place in relation to the foul drainage.

Package Treatment Plant

The wider site benefits from planning permission for the erection of two shepherds huts and an approved foul drainage strategy under application DISC/25/0114.

The existing Conder ASP 6–25PE package treatment plant has served the campsite and associated facilities for more than five years without any recorded operational failures, pollution incidents or complaints. Occupancy at the campsite is seasonal, being limited to the period between May and October, with usage varying throughout the season. The treatment plant has demonstrated satisfactory performance under these established operating conditions and will continue to be managed in accordance with the inspection and maintenance regime set out within this Management Plan.

Management Responsibilities

The Site Manager shall be responsible for:

- Daily awareness of plant operation during the open season.
- Maintaining maintenance records.
- Arranging routine servicing.
- Arranging desludging when required.
- Reporting equipment failures.
- Liaising with maintenance contractors.
- Ensuring campsite users are provided with information regarding prohibited discharges.

The site operator shall ensure that no surface water, roof water or land drainage is connected to the package treatment plant. Only domestic foul sewage arising from the campsite facilities and approved accommodation units shall discharge to the system.

Routine Inspection Regime

During Operating Season

The Site Manager shall undertake inspections every two weeks and record findings within a maintenance log.

Checks shall include:

- Air blower operating correctly.
- Audible airflow within treatment chamber.
- No unusual noise or vibration.
- No foul odours around the plant.
- Access covers secure and undamaged.

- No evidence of flooding or surface water ingress.
- Final effluent visually clear with no excessive solids.
- Ventilation unobstructed.

Any defects identified shall be reported immediately and corrective action arranged.

During Closed Season

Monthly inspections shall be undertaken to ensure:

- Electrical systems remain operational.
- Air blower remains operational.
- Chambers remain free from flooding.
- Access covers remain secure.
- No signs of vandalism or damage.

The treatment plant shall remain energised throughout the year to maintain the biological treatment process as it will be used by the approved shepherds hut via application DC/22/1915.

Seasonal Start-Up Procedure

Prior to reopening each season:

- Full inspection of all chambers.
- Check operation of blower and electrical equipment.
- Inspect air distribution system.
- Verify no blockages within inlet and outlet pipework.
- Confirm adequate water level within treatment plant.
- Inspect discharge point.
- Review maintenance records from previous season.
- Undertake service visit if due.

Any faults shall be rectified before occupation commences.

Planned Maintenance

Annual Service

The annual service shall include:

- Full system inspection.
- Air filter cleaning/replacement.
- Diffuser inspection and cleaning.
- Electrical safety checks.
- Sludge settleability assessment.
- Assessment of biological process performance.
- Inspection of discharge arrangements.
- Review of maintenance records.

Annual servicing shall be undertaken by a suitably qualified wastewater treatment specialist in accordance with the manufacturer's recommendations.

Service reports shall be retained on site and made available to Horsham District Council upon request.

Desludging

Sludge accumulation shall be monitored during routine servicing.

A licensed waste contractor shall undertake desludging at intervals recommended by the maintenance contractor, based on observed sludge levels and operational performance.

Following desludging, the treatment plant shall be immediately refilled with clean water.

Waste transfer documentation shall be retained for inspection.

User Information

Notices shall be displayed within campsite facilities advising users not to dispose of:

- Wet wipes
- Sanitary products
- Nappies
- Fats, oils and grease
- Chemicals
- Paints
- Solvents
- Excessive bleach or disinfectants

Only normal domestic sewage shall enter the treatment plant.

Emergency Response Procedure

In the event of equipment failure:

- Restrict campsite occupancy if required.
- Contact the maintenance contractor immediately.
- Investigate blower, pump or electrical faults.
- Prevent untreated discharges.
- Arrange emergency tanker removal if necessary.

Record Keeping

The following records shall be retained for a minimum of five years:

- Inspection logs.
- Service reports.
- Desludging records.
- Waste transfer notes.
- Repair records.
- Incident reports.
- Contractor reports.

Review

This Management Plan shall be reviewed annually and updated if:

- Occupancy levels change.
- The treatment plant is modified.
- Discharge arrangements change.

Conclusion

The Conder ASP 6–25PE treatment plant will be operated under a structured inspection, servicing and monitoring regime appropriate for a seasonal campsite. The measures outlined within this plan will ensure the system remains effective throughout seasonal fluctuations in occupancy and continues to protect public health and the environment.

Drainage Plan



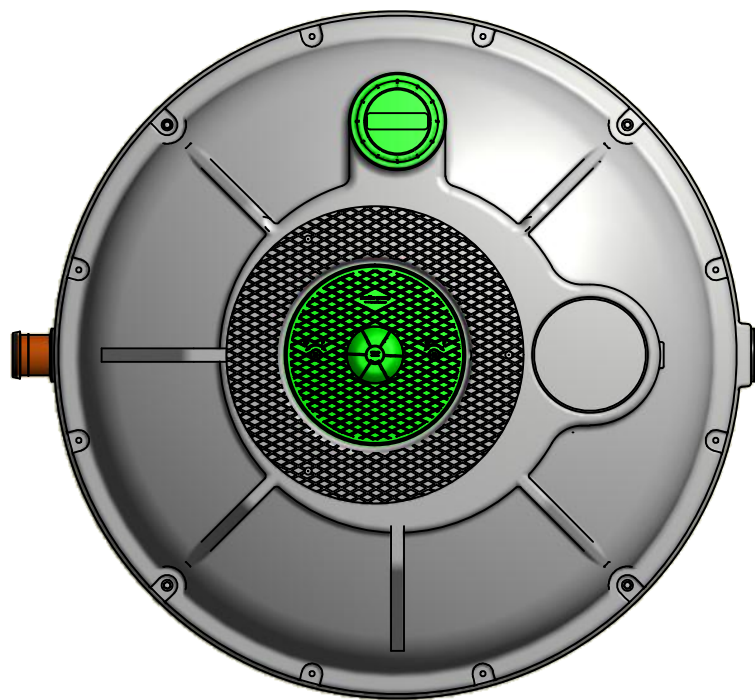
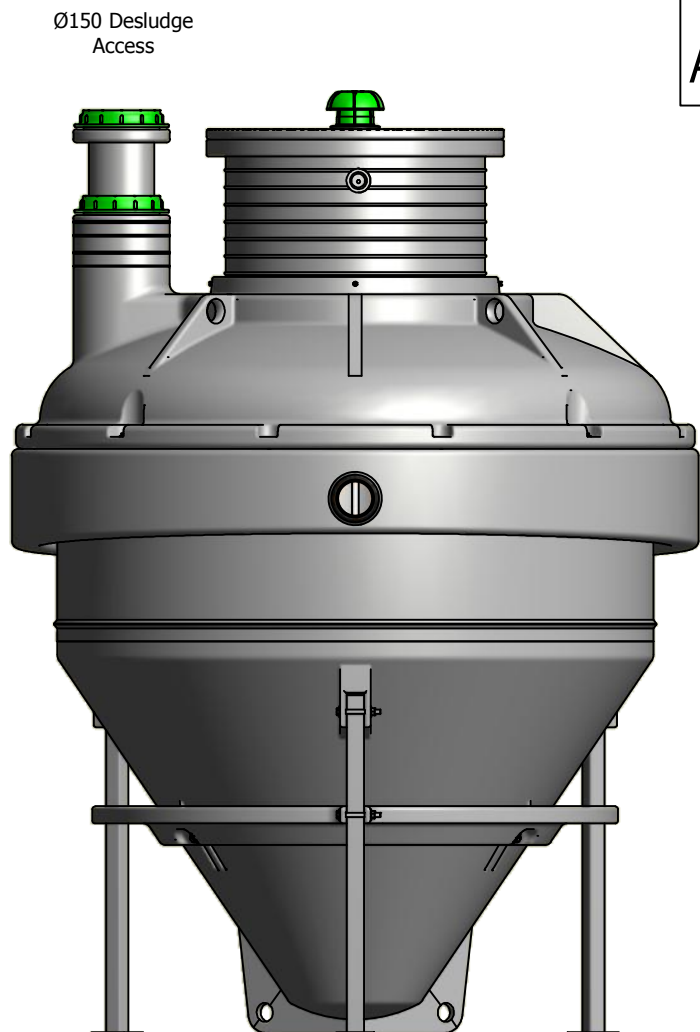
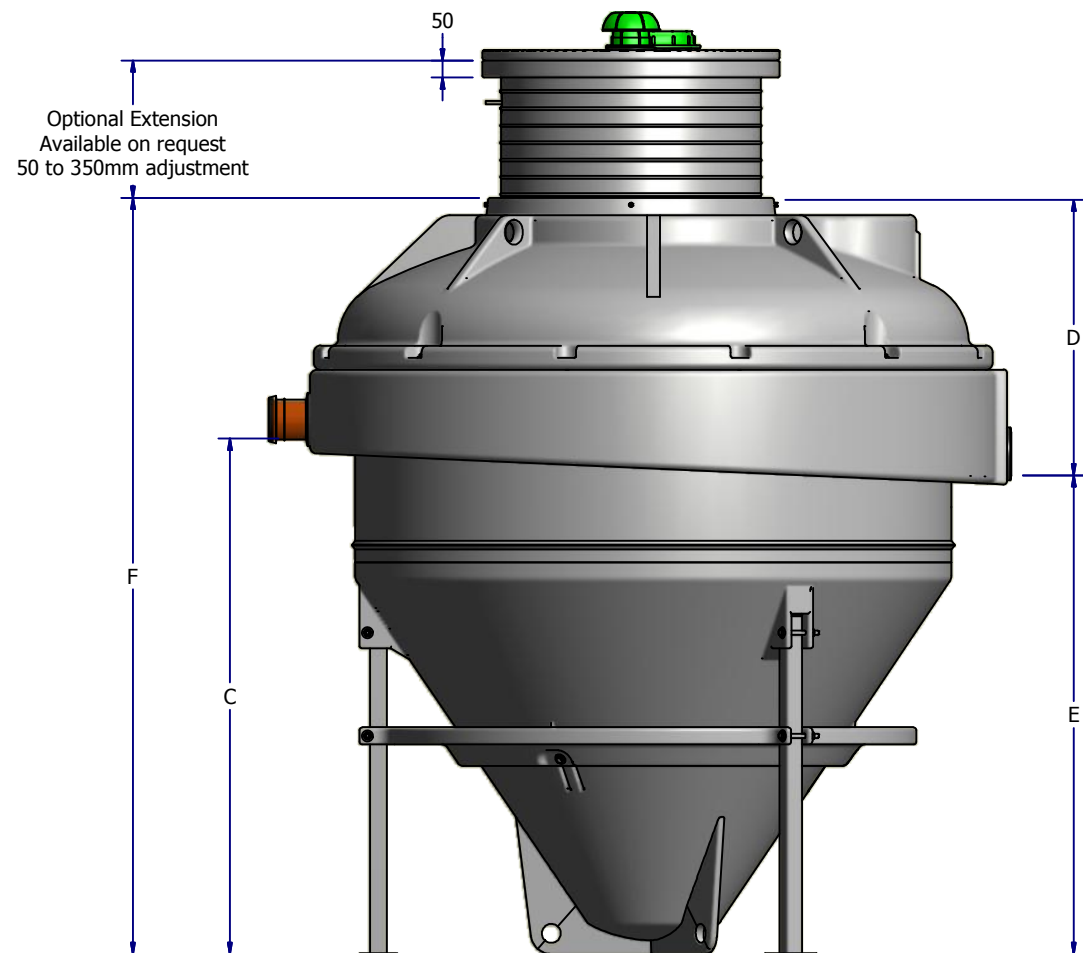


TABLE							
Unit	Dim	ASP06	ASP08	ASP12	ASP16	ASP20	ASP25
Population Equivalent		6	8	12	16	20	25
O/A Diameter	A	2000	2000	2000	2000	2000	2000
Std Inlet Invert	B	700	700	700	700	700	700
Inlet Invert to Base (mm)	C	1500	1500	1900	1900	2000	2300
Standard Outlet invert (mm)	D	800	800	800	800	800	800
Outlet Invert to Base -Gravity Discharge (mm)	E	1400	1400	1800	1800	1900	2200
O/A Depth (mm)	F	2250	2250	2650	2650	2750	3050
Pipework Fitting (mm)		110	110	110	110	110	110
Plant Weight (kg)		230	230	300	300	360	440

B	28/08/15	RP	NW	RP	DESLUDGE ACCESS ADDED
A	10/04/15	RP	LT	RP	Issued for information
REV	DATE	BY	CHKD	APPD	DESCRIPTION
 		DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MM		TOLERANCES (unless noted otherwise) GENERAL LINEAR DIMS : +/- 5mm ANGULAR DIMENSIONS : +/- 1/2°	

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Stock Code:			
Designed by	rpoteaux 10/04/2015	Checked by	LT 10/04/2015
		Approved by	RP 10/04/2015
		Conder ASP 6-25PE	
		Conder ASP 6-25PE Sales	