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Drinking Water Safety Plan for Gummerage Private Water Supply

Introduction

This Drinking Water Safety Plan (DWSP) is for the private water supply known as

The document defines the private water supply from source to tap, identifies any hazards present and introduces mitigation measures to reduce the likelihood of harm to all users on the supply. The DWSP must be reviewed at least every twelve months.

Relevant Contacts

Relevant Party	Name	Address	Telephone Contact	Email Address
Supply Owner	Joe Bloggs	1 Blackbird Lane Kendal LA6 9OL	01539 123456 07758 695234	joebloggs@email.com
Source Catchment Land Owner	Peter Smith	2 Gummage Street Grayrigg LA8 8YY	01539 569752 07896 541237	petersmith@email.com
Water Treatment Engineer	Sharon Briggs	3 Combine Road Crook LA23 5GG	01539 753264 07548 965524	sharonbriggs@email.com
Regulating Authority	Westmorland and Furness Council	Voreda House, Portland Place, Penrith, Cumbria, CA11 7BF.	0300 373 3300	pollution@westmorlandandfurness.gov.uk
		South Lakeland House, Lowther Street, Kendal, Cumbria, LA9 4DQ.	0300 373 3300	privatewater@westmorlandandfurness.gov.uk



The Supply

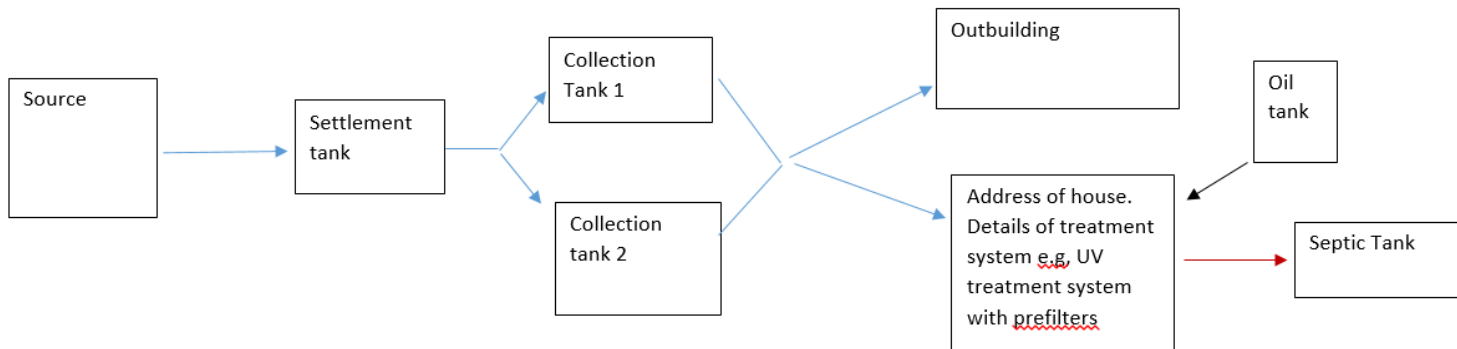
Source and Catchment		Additional Comments
Type of source (e.g. Borehole, Spring, Well, Land Drain, etc)	Spring	Infiltration chamber
Location of the source (Inc. Grid Reference)	E12345 N12345	Adjacent to treeline on north side of pasture
Livestock Grazing within or nearby Catchment area during any part of the year (Yes, No)	Yes	Intensive sheep grazing and occasional cattle
Is a stock proof fence present and in good structural condition (Yes, No, N/A)	Yes	Wooden construction
Distance of stock proof fence around the radius of catchment tank (in metres distance)	4m radius	Additional cattle fencing in place at 25m radius
Cleaning frequency of storage tank (Y, N, N/A & Frequency)	Yes	Every X months
Storage Tank(s)		Additional Comments
Storage tank construction material(s) (e.g. Concrete, plastic, brick, etc)	Concrete	Base, walls and roof concrete with cast iron hatch
Is the roof and lid of the storage tank(s) secure from any external contamination (Yes, No)	Yes	Lid sealed around edges and lip in hatch regularly monitored
Are sediment strainers fitted on all outlets (e.g. Yes, No, Partial)	Yes	Small metal gauze on all outflow points
Are all tank overflows protected from animal access by a mesh or storm flap (Yes, No)	Yes	Storm flap on all overflow points
Cleaning frequency of storage tank (Y, N, N/A & Frequency)	Yes	Every X months
Treatment System(s)		Additional Comments
Are treatment systems installed on all premises on the supply (Yes, No, Partial)	Yes	Whole of house treatment system for all premise
Sediment filter details (e.g. micron size)	20, 5 and 1 micron	Placed in series and regularly monitored



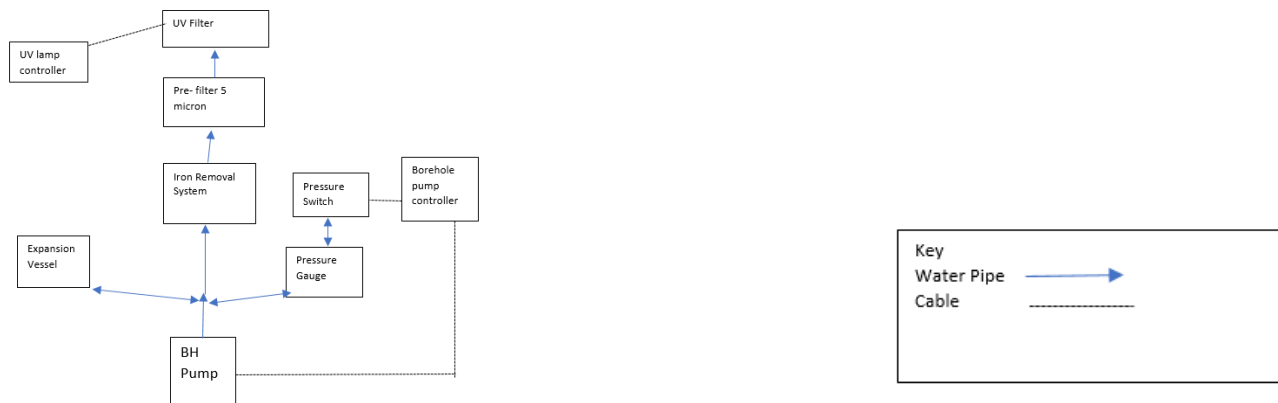
Treatment System(s) make, model, power rating (W) and maximum flow rating	Make: Super Ultra V, Model: Cleanser 4000X, Power Rating: 75W, Max. Flow Rating: 40L per second	
Treatment System serviced in accordance with manufacturing guidelines (Y, N, N/A)	Yes	In line with manufacturer guidelines
Can water flow into supply during power failure i.e. is a failsafe in place (Yes, No)	No	Failsafe solenoid valve closed when UV bulb stops emitting light
Are any additional treatment systems in place? (e.g. Activated Carbon, pH filters, Water Softener, Ion-Exchange, etc)	Ion-Exchange, Carbon Filter, Reverse Osmosis	Serviced in line with manufacturer guidelines
Other and Miscellaneous	Additional Comments	
Details of pipework material(s) throughout the supply (e.g. alkathene, copper, ceramic, etc)	Alkathene and copper	Alkathene pipework in all external areas to premises, copper pipework for internal water distribution
Is the septic tank over 50m away from the source catchment areas (Yes, No)	No	~40m distance from catchment area
Is the septic tank regularly monitored to ensure correct operation (Yes, No)	Yes	X monthly service and effluent channel fed away from catchment area
Is a chemical & slurry spreading exclusion zone 50m around the source? (Yes, No)	Yes	Local farm owners aware of requirement not to spread within 50m of catchment
Details of any outbuildings or troughs (e.g. appropriate backflow protection to prevent contamination of the drinking water)	All troughs on ball valves and elevated above maximum water level to prevent any backflow into distribution.	
Is there any known lead piping on the supply (Y, N, Unknown)	N	All lead piping removed on 1 st January 19XX
Are there Header tanks on the supply and what frequency are they checked (Y, N)	Y	Cleaned yearly with structural condition and lid seal checked

Supply Schematics

Schematic Diagram of Supply (from source to tap including any intermediate storage vessels and distribution points such as troughs, agriculture etc)



Schematic Diagram of Treatment System(s)



Maintenance Checks

Item	Action	Frequency	Responsible Person
Grazing Livestock	Log frequency and intensity of stock grazing within catchment area	Every X Months	Joe Bloggs
Stock Proof Fence	Check structural condition	Every X Months	Joe Bloggs
Catchment Tank A	Clean Tank and assess structural condition	Every X Months	Joe Bloggs
Storage Tank X	Clean Tank and assess structural condition	Every X Months	Joe Bloggs
Storage Tank Y	Clean Tank and assess structural condition	Every X Months	Joe Bloggs
Backflow Protection Measures	Check any backflow protections are functioning correctly	Every X Months	Joe Bloggs
Sediment Pre Filter(s)	Check sediment filter condition and replace accordingly	Every X Months	Sharon Briggs
Treatment System Servicing	Service treatment system in line with manufacturer guidelines	Every (as per manufacturers requirements [state]) X Months	Sharon Briggs
Failsafe System	Check and test that failsafe systems are operating correctly to prevent untreated water entering distribution	Every X Months	Sharon Briggs



Westmorland and Furness Council Contact Details

Contact: Public Protection Group (Private Water Team)

Email (former South Lakeland and Barrow area): privatewater@westmorlandandfurness.gov.uk

Address (former South Lakeland and Barrow area): South Lakeland House, Lowther Street, Kendal, Cumbria, LA9 4DQ

Email (former Eden area): pollution@westmorlandandfurness.gov.uk

Address (former Eden area): Voreda House, Portland Place, Penrith, CA11 7BF

Telephone: 0300 373 3300

Further information about private water supplies can be found on our website:

<https://www.westmorlandandfurness.gov.uk/your-environment/private-water-supplies>