

Catchment Sensitive Farming Support for Countryside Stewardship (CS) Options and Capital Items that Require CSF Officer Approval

To be completed by Catchment Sensitive Farming Officers (CSFO) for applicants wishing to apply for options and capital items requiring CSFO approval.

In order to apply for options and capital items that require CSFO approval in a CS Mid-Tier or CS Capital Grant application, approval from a CSFO/Partner CSFO must be obtained. This form must be completed by Natural England or the Partner CSFO prior to the application deadline and must be submitted by the applicant with the application form.

Please note: Approved items below should not exceed stated applications limits.

Applicant name	Mr Jonathan Gibbins
Farm name	Hethenhill
CPH number	10/107/0002
SBI Number	12024732
WFD Management Catchment	East Devon (Exe)
River Basin	SW
CSFO/ Partner CSFO name	Rob Lamboll
CSFO Email Address	robert.lamboll@naturalengland.org.uk
CSFO Phone Number	07803 228 405
Pollutant pressures and priorities in the catchment, as targeted by CS & CSF	
<p>Farm description (Farm type, size, location, local soil type, connectivity to watercourse, proximity to protected site): Organic dairy, 500 cows and 150 followers. Holstein, Friesian and Jersey cross</p> <p>Soilscapes; Soils represented on the farm Reference 6 Name FREELY DRAINING SLIGHTLY ACID LOAMY SOILS Main Surface Texture Class LOAMY Natural Drainage Type FREELY DRAINING Groundwater Vulnerability Map (England) Classification Medium - High</p> <p>Pollutant priorities: Faecal Indicator Organisms Issues Priority High Sediment Issues Priority High Phosphate Issues Priority High Surface Water Nitrate Issues Priority High Air quality impact risk zone - Air Pollution Livestock & poultry units with floorspace > 500m², slurry lagoons > 4000m².</p> <p>Pollutant pressures on farm- Air and Water: Source: AQ2 Livestock housing and parlour ammonia RP4 Access routes for vehicles Pathway: AQ2 Air RP4 Overland flow down slope. Receptor: AQ2 Within SSSI impact risk zone. RP4 Watercourse and road drains.</p>	

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The following options are approved by the CSFO for inclusion in a CS Mid-Tier or CS Capital Grant Application:

	OS Map Ref	Field Ref/ Grid Ref	Max agreed total to be applied for	Unit of Measure (ha, m, m ² , units)	Additional notes to be included in agreement document
RP4	ST0601	0685	190.0000	m	See map below for location
AQ2	ST0400	1099	1379.0000	m ²	See building plan below for location
AQ2	ST0401	0907	2730000	m ²	See building plan below for location
RP1	ST0501	8571	1.0000	unit	See map below for location
RP1	ST0601	2373	1.0000	unit	See map below for location
RP28	ST0401	0907	280	m ²	See map below for location 'T'
RP28	ST0401	0907	856	m ²	See map below for location 'O'
RP28	ST0401	0907	60	m ²	See map below for location 'Q'
RP28	ST0401	0907	32	m ²	See map below for location 'R'
RP15	ST0401	0907	684	m ²	See map below for location 'P'
RP15	ST0401	0907	315	m ²	See map below for location 'S'

How the approved options/items relate to the pollutant pressures (justification)

(Please list the items approved above with a justification of how the capital items/options will contribute to the reduction of pollution associated with the priority pollutant pressures in the catchment ([See CS Mid-Tier Manual; Annex 5 and CS Capital Grant Manual; Annex 2](#)))

Items meet local Water and Air quality priorities for Countryside Stewardship and CSF priorities for the catchment. Proposal is fully supported by the CSFO.

Hethenhill dairy has a very large area of feeding and cubicle passageways resulting in a high level of Ammonia emission. Areas are flushed 8 times per day. Some newly acquired land that has minimal road frontage resulting in ruts and runoff into the road, RP4 and RP1 will help reduce sediment and nutrient loss to the watercourse.

The farm has made significant investment in reducing the risk of polluting the watercourse through CS and fully funded by the business. This application is to address issues on newly acquired land and to meet the air quality priorities for the local area.

RP28 Currently the runoff from the clamp can be diverted to the slurry store when there is effluent or to the stream when there is not. Often there will be some effluent from the clamp which means collecting and storing a large amount of rainwater. Roofing the clamp over will mean that we will have more storage space and will only need to spread in optimal weather conditions which will reduce the risk of runoff.

Silage clamp has recently been upgraded and final works agreed with the EA to make fully compliant. These works are to be completed before any claim is made for payment.

RP15. The yard is currently used for parking machinery and as access for silage bales. The water currently goes to a clean water drain. The yard is in a poor condition and is not scrapable now which means mud and sediment is able to be washed down the drain. Once the yard is concreted it can be kept clean and free of mud which would reduce the amount of sediment going down the drain.

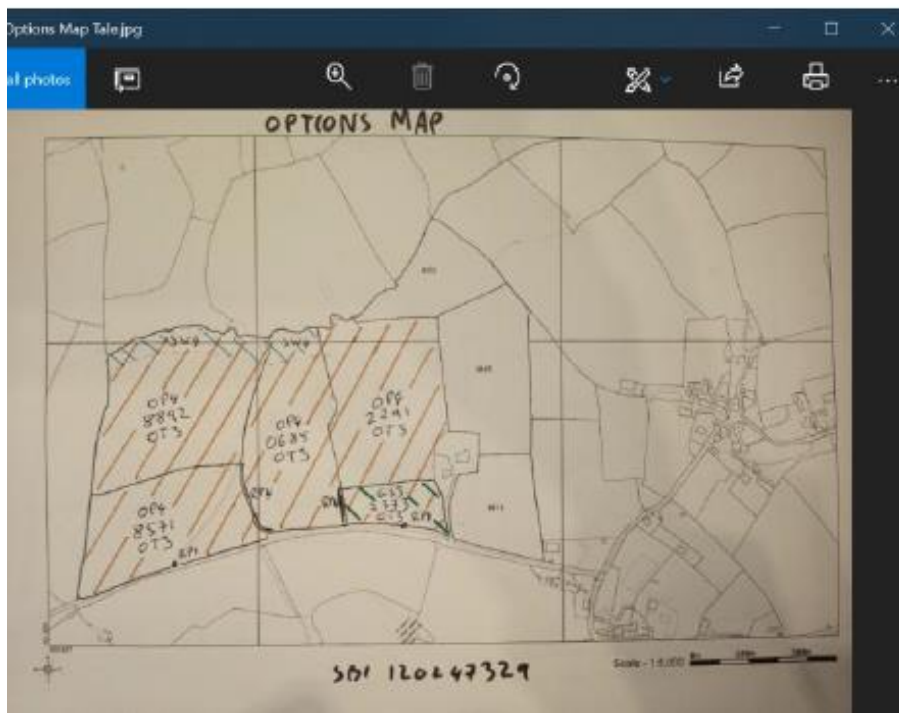
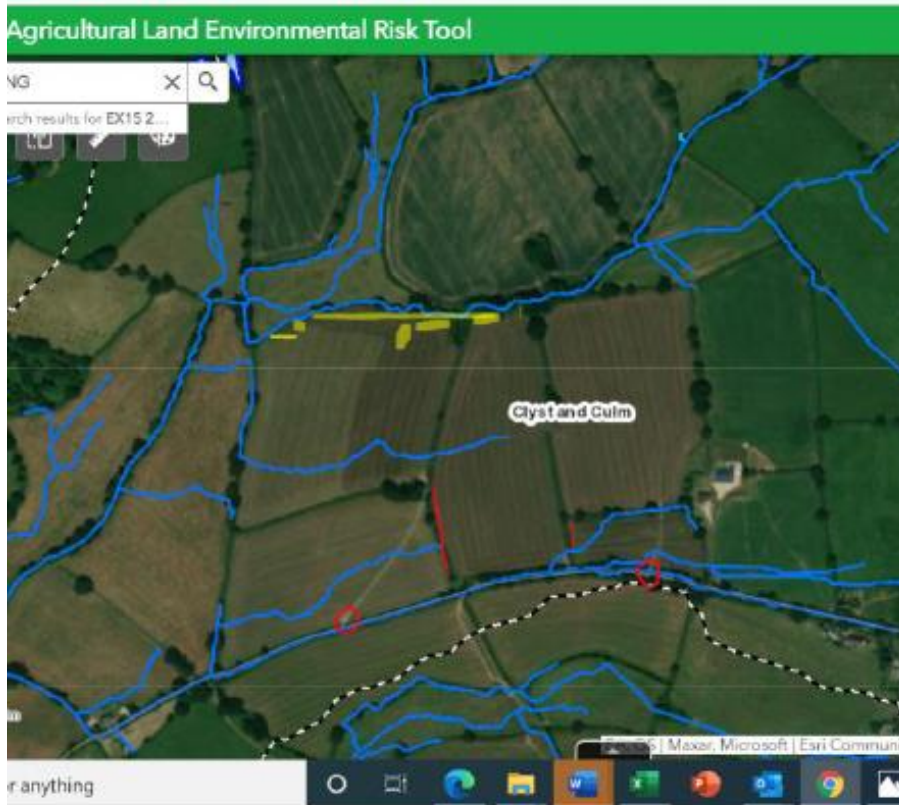
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There is a 600m ditch between the clean water drain and the stream. This contains two culverts which restrict the flow of water and slow its passage into the stream.

Mid Tier options includes 2 x SW4 12-24m buffers against watercourses.

Any other supporting information or documents – include a map or confirmation you have discussed locations of approved options/items

Location Map for RP1 and RP4



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Imagery ©2021 CNES / Airbus, Getmapping plc, Infoterra Ltd & Bluesky, Maxar Technologies, Map data ©2021 20 m

Imagery ©2021 Infoterra Ltd & Bluesky, Map data ©2021 10 m

A	Low Cubicles	107m ²
B	Low Cubicles	84m ²
C	Heifers Cubicles	72m ²
D	Heifers Cubicles	268m ²
E	Heifers Feed Cubicles Dry Cows Feed	206m ²
F	Low Yielders Feed Passage	279m ²
G	Collecting Yard	105m ²
H	Highs Cubicles	129m ²
J	Highs Cubicles	129m ²

STO 4001099 1,379m²

J	Dry Low Cubicles	27m ² 2A
K	Dry Low Cubicles	27m ² 27m ² AQL
L	Dry Low Cubicles	27m ² AQL
M	Heifers Cubicles	71m ² 71m ² AQL
N	Heifers Cubicles	148m ² AQL

STO 4010907 total = ~~300m²~~ 175m²
300m² 273m²

Blackview BV9800Pro AI Triple Camera

A to N above showing location of AQ2
O to R below showing location of RP28

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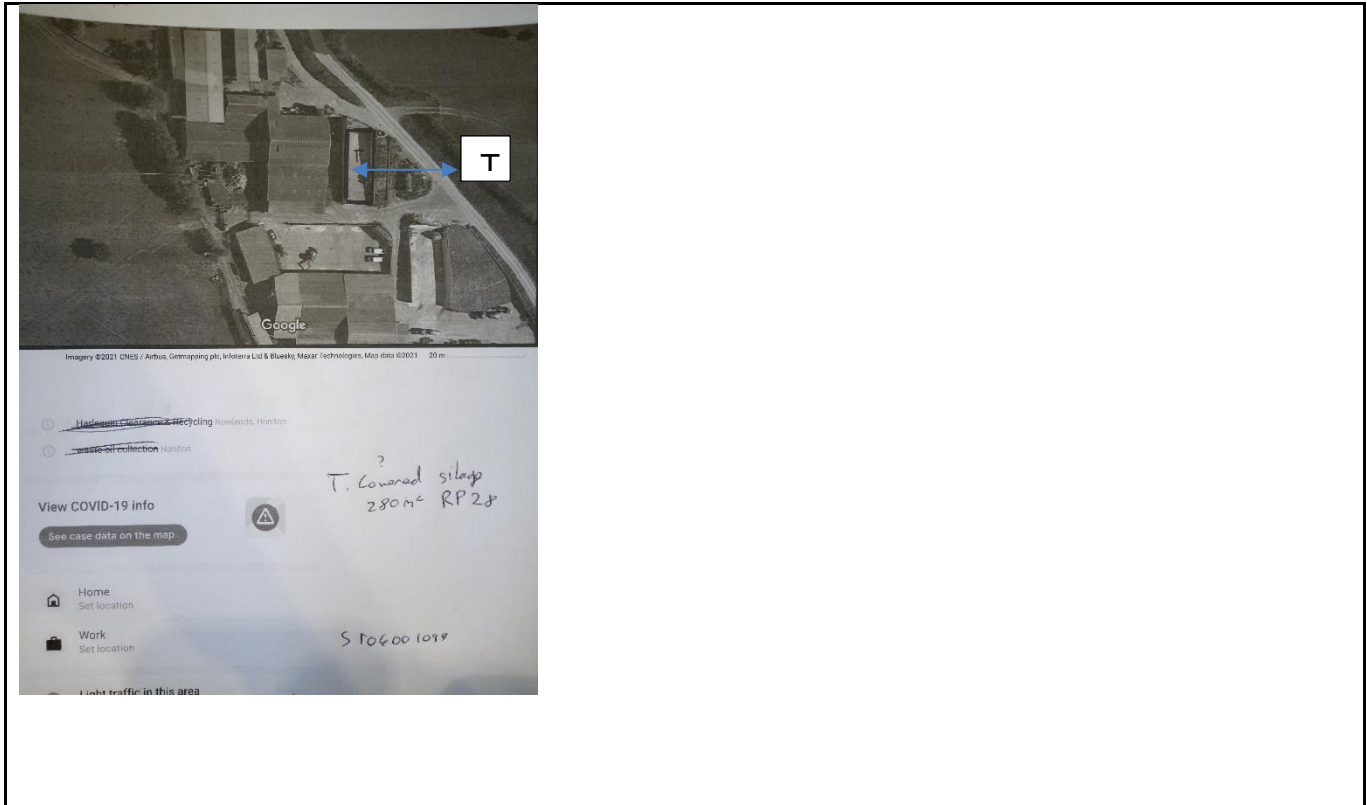
O	Covered Silage pits	1111m² 856m ² RP28
P	Concrete yard renewal	856m ² RP15
S	Concrete yard renewal	648m ² 315m ² RP15

STO 4001099

Q	Covered cattle area	RP:28 60.9m ²
R	Covered cattle area	RP:28 32m ²

STO 4001099 RP:28 92m²

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<p>I certify that I have approved the use of the above options/capital items in a CS Mid-Tier or CS Capital Grant application submitted by the person named above.</p>	
<p>Signature of Natural England or Partner CSFO</p>	<p><i>R B Lambell</i></p>
<p>Date</p>	<p>16/07/2021</p>

Once completed please submit this form with your CS Mid-Tier or CS Capital Grant Application