

SKYE REINFORCEMENT PROJECT

Appendix V2-6.2: Schedule of Permanent Watercourse Crossings

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Networks Transmission (SSEN Transmission)

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1.0 Introduction

This Appendix contains information relating to permanent watercourse crossings associated with Sections 0 – 6 of the Proposed Development, and specifically considers:

- Horizontal Directional Drill (HDD) crossings;
- new crossings on proposed new permanent tracks; and
- existing crossings on existing tracks which are scheduled to be upgraded.

The Proposed Development has sought to utilise existing tracks wherever possible.

The final design of each crossing solution would be agreed with SEPA prior to construction and be determined as part of the detailed site design.

A survey of existing and proposed new watercourse crossings for the Proposed Development was undertaken between 14th – 25th March 2022, 18th to 21st June 2022, and 12th to 14th July 2022.

Crossing locations are shown on **Figure V2-6.1**.

1.1 Relevant Legislation

The Water Framework Directive (2000/60/EC) (WFD) has been transposed into Scottish legislation as the Water Environment and Water Services (Scotland) Act 2003¹ (or WEWS) and has given Scottish ministers powers to introduce regulatory controls over activities in order to protect and improve Scotland's water environment. The water environment includes wetlands, rivers, lochs, transitional waters (estuaries), coastal waters and groundwater. These regulatory controls, known as the Water Environment (Controlled Activities) (Scotland) Regulations 2011² (CAR) came into force in 2011 and have since been amended in 2013, 2017, and 2021.

With respect to watercourse crossings required for the Proposed Development, CAR requires that all engineering works in inland surface waters and wetlands are subject to authorisation and allow for proportionate risk-based regulation which is outlined in the CAR Practical Guide³. The authorisation process operates at three levels:

- General Binding Rules (GBR):
 - Minor bridges with no construction on bed or banks.
- Registration:
 - Bridges across rivers and lochs where no part of the structure encroaches on the bed (e.g. no piers or in-channel supports). In addition, the total length of the structures on both banks should not be more than 20 m. This category includes bottomless arch culverts; and
 - Closed culverts used for single-track roads, footpaths and/or cycle routes, where the affected river is not more than 2 m wide.
- Licence (Simple/Complex):
 - All other bridges, fords or causeways; and

¹ Water Environment and Water Services (Scotland) Act 2003, available at <https://www.legislation.gov.uk/asp/2003/3/contents> [Accessed November 2021]

² Water Environment (Controlled Activities) (Scotland) Regulations 2011, available at <https://www.legislation.gov.uk/ssi/2011/209/contents/made> [Accessed November 2021]



³ SEPA (July 2021) The Water Environment (Controlled Activities) (Scotland) Regulations 2011 (as amended), A Practical Guide, available at https://www.sepa.org.uk/media/34761/car_a_practical_guide.pdf [Accessed November 2021]



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- This category would include bridges affecting more than 20 m total bank lengths, bridges with in-stream supports or closed culverts for crossings not specified above.



These levels cover activities with increasing levels of potential impact on the hydrological environment. SEPA will only be required to provide authorisation for watercourse crossings shown on the 1:50,000 scale Ordnance Survey (OS) maps (Landranger Series). All other watercourses are classed as a “minor watercourse” and are exempt under CAR.



The design, construction and/or improvements to the crossings would be agreed with SEPA prior to any construction works commencing in accordance with CAR as part of the detailed development design.



2.0 Schedule of Proposed HDD Crossings


Section 0	
There are no proposed HDD crossings in Section 0.	
Section 1	
There are no proposed HDD crossings in Section 1.	
Section 2	
Watercourse Crossing ID	WX2.1
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.1 NGR: NG 48907 30474 Watercourse Width: 10-30m Watercourse Depth: 2m Notes: large, braided river with depth varying between 0.3m where braided and 2-3m in the active channel.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX2.2
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.2 NGR: NG 48995 30418 Watercourse Width: 30m Watercourse Depth: N/A Notes: watercourse depth unknown due to significant gravel and cobble deposits through the channel, flows are generally fast but on the date of the survey.</p>
Photograph Looking Upstream	 A photograph showing a wide, shallow watercourse with a bed of gravel and cobbles. The water is clear and flows from the left towards the right. In the background, there are rolling hills under a blue sky with light clouds.
Photograph Looking Downstream	 A photograph showing a wide, shallow watercourse with a bed of gravel and cobbles. The water is clear and flows from the left towards the right. In the background, there are rolling hills under a blue sky with light clouds.



Watercourse Crossing ID	WX2.3
Watercourse Crossing Details	Watercourse Crossing: WX2.3 NGR: NG 51351 31435 Watercourse Width: 1-2m Watercourse Depth: 0.5m Notes: deep fast flow in superficial deposits with boulders in channel.
Photograph Looking Upstream	 A photograph showing a rocky watercourse crossing in a mountainous landscape. The water is flowing over a bed of grey and brown rocks and boulders. The surrounding terrain is covered in green and brown vegetation, with a stone wall visible on the right side. The sky is overcast.
Photograph Looking Downstream	 A photograph showing a watercourse crossing in a mountainous landscape, looking downstream. The water is flowing over a bed of grey and brown rocks and boulders. The surrounding terrain is covered in green and brown vegetation, with a stone wall visible on the right side. The sky is overcast.



Watercourse Crossing ID	WX2.4
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.4 NGR: NG 53385 29725 Watercourse Width: 2.5m Watercourse Depth: 1m Notes: incised in bedrock with boulders. There is evidence of a wider active channel to a width of around 5m.</p>
Photograph Looking Upstream	 A photograph showing a rocky streambed in a mountainous valley. The stream is narrow and flows over a bed of large, light-colored boulders. The surrounding landscape is rugged, with steep, rocky slopes and sparse vegetation. The sky is clear and blue.
Photograph Looking Downstream	 A photograph showing a wider, more vegetated streambed. The stream is broader and flows over a bed of smaller, darker rocks. The surrounding landscape is more vegetated, with dense, low-lying shrubs and grasses. The sky is overcast and grey.

Watercourse Crossing ID	WX2.5
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.5 NGR: NG 53308 29566 Watercourse Width: 3m Watercourse Depth: 1m</p> <p>Notes: watercourse crossing immediately downstream of a confluence, channel is incised into the bedrock with boulders present.</p>
Photograph Looking Upstream	 A photograph showing a rocky watercourse flowing through a valley. The water is dark and turbulent as it flows over numerous reddish-brown boulders. The surrounding landscape is hilly and covered in sparse, dry vegetation. In the background, a mountain range is visible under a clear sky.
Photograph Looking Downstream	 A photograph showing a rocky watercourse flowing through a valley. The water is dark and turbulent as it flows over numerous reddish-brown boulders. The surrounding landscape is hilly and covered in sparse, dry vegetation. In the background, a mountain range is visible under a clear sky.

Watercourse Crossing ID	WX2.7
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.7 NGR: NG 53304 28440 Watercourse Width: 0.4m Watercourse Depth: 0.7m Notes: active channel is incised into bedrock with and within a larger channel which is up to 2m high and wide, the channel is culverted beneath the A87 via a 0.4m diameter culvert.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	

Watercourse Crossing ID	WX2.8
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.8 NGR: NG 53925 27822 Watercourse Width: 3-4m Watercourse Depth: 1m Notes: river crossing with channel banks reinforced by boulders and an open span bridge downstream of the proposed HDD.</p>
Photograph Looking Upstream	 A photograph showing a rocky watercourse flowing through a landscape. The water is shallow and flows over numerous large, light-colored boulders. In the background, a large, rugged mountain peak is visible under a blue sky with some clouds. The surrounding vegetation is sparse and dry.
Photograph Looking Downstream	 A photograph showing a rocky watercourse flowing through a landscape. The water is shallow and flows over numerous large, light-colored boulders. In the background, a bridge with a metal railing is visible, along with a building that has a green, curved roof. The surrounding vegetation is sparse and dry.

Watercourse Crossing ID	WX2.9
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.9 NGR: NG 53915 27050 Watercourse Width: 10-15m Watercourse Depth: 1m Notes: the active channel during the survey was only around 3m wide. A double arched bridge is located immediately downstream with 4m with and 2m height.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	

Watercourse Crossing ID	WX2.10
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.10 NGR: NG 54302 26816 Watercourse Width: 1-2m Watercourse Depth: 0.5-1m Notes: immediately upstream of a large square open span culvert beneath the A87, the channel is incised into superficial deposits and boulders are present along the banks at the A87 culvert.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	

Section 3

There are no proposed HDD crossings in Section 3.



Section 4



There are no proposed HDD crossings in Section 4.


Section 5



There are no proposed HDD crossings in Section 5.



Section 6	
Watercourse Crossing ID	WX6.1
Watercourse Crossing Details	Watercourse Crossing: WX6.1 NGR: NH 31341 05478 Watercourse Width: 4m Watercourse Depth: 0.4m Notes: cobbles and boulders deposited in the channel bed.
Photograph Looking Upstream	
Photograph Looking Downstream	

Watercourse Crossing ID	WX6.2
Watercourse Crossing Details	<p>Watercourse Crossing: WX6.2 NGR: NH 31929 05761 Watercourse Width: 3-5m Watercourse Depth: 0.6m Notes: Narrow incised valley into bedrock adjacent to forestry, boulders deposited in the channel bed.</p>
Photograph Looking Upstream	 A photograph showing a narrow, rocky watercourse flowing through a landscape. The water is shallow and flows over a bed of dark, rounded boulders. The banks are covered in dry, brownish vegetation and some green moss. In the background, there are several tall, thin trees, possibly pines, under an overcast sky.
Photograph Looking Downstream	 A photograph showing a similar view of the watercourse from a different angle. The water flows over a rocky bed towards the right side of the frame. The surrounding vegetation is dry and brown, with some green patches. The background shows a line of trees and a hazy sky.



Watercourse Crossing ID	WX6.3
Watercourse Crossing Details	Watercourse Crossing: WX6.3 NGR: NH 33784 07805 Watercourse Width: 1-2m Watercourse Depth: 0.2-0.4m Notes: Bedrock channel with cobbles and boulders. Evidence of flooding.
Photograph Looking Upstream	 A photograph showing a rocky watercourse channel flowing through a landscape of brown, dry vegetation and scattered trees. The channel is filled with dark, wet rocks and cobbles. The sky is overcast with grey clouds.
Photograph Looking Downstream	 A photograph showing a rocky watercourse channel flowing through a landscape of brown, dry vegetation and scattered trees. The channel is filled with dark, wet rocks and cobbles. The sky is overcast with grey clouds.

Watercourse Crossing ID	WX6.4
Watercourse Crossing Details	<p>Watercourse Crossing: WX6.4 NGR: NH 34204 08002 Watercourse Width: 0.4m Watercourse Depth: 0.3-0.5m Notes: Bedrock channel with some cobbles and boulders. Some evidence of flooding. Watercourse flows down quite a significant gradient.</p>
Photograph Looking Upstream	 A photograph showing a rocky watercourse channel cutting through a field of tall, dry grass and some green patches. The channel is filled with cobbles and boulders. In the background, there is a line of trees under a cloudy sky.
Photograph Looking Downstream	 A photograph showing a rocky watercourse channel cutting through a field of tall, dry grass and some green patches. The channel is filled with cobbles and boulders. In the background, there is a line of trees under a cloudy sky.



Watercourse Crossing ID	WX6.5
Watercourse Crossing Details	<p>Watercourse Crossing: WX6.5 NGR: NH 34816 08553 Watercourse Width: 0.5-0.8m Watercourse Depth: 0.4-0.5m Notes: Bedrock channel with some cobbles and boulders. Some evidence of flooding.</p>
Photograph Looking Upstream	 A photograph showing a small, rocky watercourse flowing through a wooded area. The water is dark and appears to be flowing over a bed of rocks and boulders. The surrounding vegetation includes tall grasses and some trees, with a hillside visible in the background.
Photograph Looking Downstream	 A photograph showing a small, rocky watercourse flowing through a grassy area. The water is dark and appears to be flowing over a bed of rocks and boulders. The surrounding vegetation includes tall grasses and some trees, with a hillside visible in the background.



Watercourse Crossing ID	WX6.6
Watercourse Crossing Details	<p>Watercourse Crossing: WX6.6 NGR: NH 35034 08678 Watercourse Width: 0.4m (c. 20m upstream) Watercourse Depth: 0.3-0.5m (c. 20m upstream) Notes: Watercourse crossing proposed location is a stream in a vertical and c. 15m deep valley. At this location the width and depth of the stream cannot be seen. Suggest moving the watercourse crossing c. 20m upstream where there is no valley. At this location it is a bedrock channel with some cobbles and boulders.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	
Photograph of suggested location c. 20m upstream	



3.0 New Crossings on Proposed Permanent Tracks

Section 0	
There are no new permanent tracks in Section 0.	
Section 1	
Watercourse Crossing ID	WX1.1
Watercourse Crossing Details	<p>Watercourse Crossing: WX1.1 NGR: NG 41264 43008 Watercourse Width: 1.5m Watercourse Depth: 1m Notes: channel incised in peat with low flow</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX1.3
Watercourse Crossing Details	<p>Watercourse Crossing: WX1.3 NGR: NG 46611 34241 Watercourse Width: 1-2m Watercourse Depth: 0.3m Notes: survey undertaken from an existing crossing upstream due to dense forestry which prevented access</p>
Photograph Looking Upstream	 A photograph showing a small, shallow watercourse flowing through a rocky and grassy area. The water is dark and reflects the surrounding vegetation. The banks are covered in tall grasses and some rocks.
Photograph Looking Downstream	 A photograph showing a watercourse flowing through a grassy area. The water is dark and reflects the surrounding vegetation. The banks are covered in tall grasses and some rocks.

Watercourse Crossing ID	WX1.4
Watercourse Crossing Details	<p>Watercourse Crossing: WX1.4 NGR: NG 47855 31908 Watercourse Width: 0.4m Watercourse Depth: 0.5m Notes: within deposits of peat and been subject to previous vehicle tracks / movement</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Section 2	
Watercourse Crossing ID	WX2.12
Watercourse Crossing Details	Watercourse Crossing: WX2.12 NGR: NG 56463 27475 Watercourse Width: 0.4m Watercourse Depth: 0.3m Notes: none
Photograph Looking Upstream	
Photograph Looking Downstream	

Watercourse Crossing ID	WX2.13
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.13 NGR: NG 56550 27278 Watercourse Width: 0.5m Watercourse Depth: 0.1m Notes: channel incised into superficial geology with boulders present in the channel</p>
Photograph Looking Upstream	
Photograph Looking Downstream	

Watercourse Crossing ID	WX2.14
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.14 NGR: NG 56669 27152 Watercourse Width: 0.3m Watercourse Depth: 0.4m Notes: channel incised into the superficial deposits with boulders present in channel.</p>
Photograph Looking Upstream	 A photograph showing a narrow, shallow watercourse channel cutting through a field of dry, yellowish-brown grass and low-lying shrubs. The channel contains several large, dark boulders. The water is clear and reflects the sky. The background shows a hazy, distant landscape under a clear sky.
Photograph Looking Downstream	 A wide-angle photograph looking downstream along the watercourse. The channel is a narrow, shallow ditch filled with water, surrounded by dense, dry grass and scrub. The water is calm and reflects the surrounding vegetation. In the distance, rolling hills and mountains are visible under a clear blue sky.



Watercourse Crossing ID	WX2.15
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.15 NGR: NG 56730 27127 Watercourse Width: 0.8m Watercourse Depth: 0.5m Notes: watercourse breaks into two smaller channels for a short stretch immediately downstream of crossing, channel is incised into peat with cobbles deposited in channel.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	

Watercourse Crossing ID	WX2.16
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.16 NGR: NG 56835 27086 Watercourse Width: 0.4m Watercourse Depth: 0.4m Notes: gently meandering channel with very saturated / boggy ground to the west</p>
Photograph Looking Upstream	 A photograph showing a narrow, shallow watercourse flowing through a boggy landscape. The water is dark and reflects the sky. The surrounding ground is saturated and covered in low-lying vegetation, including grasses and small shrubs. The terrain appears to be a gentle slope.
Photograph Looking Downstream	 A photograph showing a narrow, shallow watercourse flowing through a boggy landscape. The water is dark and reflects the sky. The surrounding ground is saturated and covered in low-lying vegetation, including grasses and small shrubs. The terrain appears to be a gentle slope.



Watercourse Crossing ID	WX2.17
Watercourse Crossing Details	Watercourse Crossing: WX2.17 NGR: NG 56952 27077 Watercourse Width: N/A Watercourse Depth: N/A Notes: no defined channel found and more likely only conveys flows / surface water runoff during periods of high rainfall.
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX2.18
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.18 NGR: NG 57129 27014 Watercourse Width: 0.6m Watercourse Depth: 0.5m Notes: meandering channel incised into superficial deposits with large boulders present in channel, upstream of the crossing the channel is a well-defined V shape which is approximately 3m high and 5m wide.</p>
Photograph Looking Upstream	 A photograph showing a narrow, rocky watercourse channel flowing through a grassy valley. The channel is composed of large, light-colored boulders. The surrounding vegetation is dry and brownish, suggesting a late autumn or winter setting. The valley walls are steep and covered in similar vegetation.
Photograph Looking Downstream	 A photograph showing a wider view of the watercourse channel flowing through a grassy valley. The channel is composed of large, light-colored boulders. The surrounding vegetation is dry and brownish, suggesting a late autumn or winter setting. The valley walls are steep and covered in similar vegetation. In the background, there are more hills and a clear sky.



Section 3	
Watercourse Crossing ID	WX3.1
Watercourse Crossing Details	Watercourse Crossing: WX3.1 NGR: NG 62868 24055 Watercourse Width: 0.3m Watercourse Depth: 0.3m Notes: channel incised into peat
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX3.2
Watercourse Crossing Details	Watercourse Crossing: WX3.2 NGR: NG 63523 23076 Watercourse Width: 2.5m Watercourse Depth: 1m Notes: channel relatively uniform and incised into peat.
Photograph Looking Upstream	 A photograph showing a narrow, shallow watercourse flowing through a grassy field. The water is dark and appears to be flowing over a peat channel. The surrounding vegetation is dry and yellowish-brown, suggesting an autumn or winter setting. In the background, there are trees and a fence line.
Photograph Looking Downstream	 A photograph showing a narrow, shallow watercourse flowing through a grassy field. The water is dark and appears to be flowing over a peat channel. The surrounding vegetation is dry and yellowish-brown, suggesting an autumn or winter setting. In the background, there are trees and a fence line.



Watercourse Crossing ID	WX3.3
Watercourse Crossing Details	Watercourse Crossing: WX3.3 NGR: NG 71160 23203 Watercourse Width: 1m Watercourse Depth: 1m Notes: none
Photograph Looking Upstream	
Photograph Looking Downstream	

Watercourse Crossing ID	WX3.4
Watercourse Crossing Details	Watercourse Crossing: WX3.4 NGR: NG 71866 23624 Status: New Watercourse Width: 0.3m Watercourse Depth: 0.4m Notes: channel incised into peat
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX3.7
Watercourse Crossing Details	Watercourse Crossing: WX3.7 NGR: NG 79398 24607 Watercourse Width: 0.1m Watercourse Depth: 0.1m Notes: no defined channel
Photograph Looking Upstream	 A photograph showing a grassy slope with several bare trees in the foreground and middle ground. The sky is overcast and grey.
Photograph Looking Downstream	 A photograph showing a grassy slope in the foreground, leading to a body of water in the distance. The sky is overcast and grey.



Watercourse Crossing ID	WX3.8
Watercourse Crossing Details	Watercourse Crossing: WX3.8 NGR: NG 79475 24500 Watercourse Width: 1m Watercourse Depth: 0.2m Notes: channel incised into bedrock with boulders present
Photograph Looking Upstream	 A photograph showing a rocky watercourse channel flowing through a wooded area. The channel is incised into the bedrock and contains several large boulders. The surrounding vegetation consists of bare trees and shrubs, suggesting a late autumn or winter setting.
Photograph Looking Downstream	 A photograph showing a rocky watercourse channel flowing through a grassy area. The channel is incised into the bedrock and contains several large boulders. The surrounding vegetation consists of tall grasses and bare trees, suggesting a late autumn or winter setting.

Watercourse Crossing ID	WX3.9
Watercourse Crossing Details	Watercourse Crossing: WX3.9 NGR: NG 79374 24128 Watercourse Width: 0.1m Watercourse Depth: 0.2-0.4m Notes: very low flow / stagnant water with no defined channel upstream but evidence of recent surface water flow
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX3.10
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.10 NGR: NG 79370 24094 Watercourse Width: 0.4m Watercourse Depth: 0.2-1m Notes: channel much deeper (1m) downstream but only 0.2m upstream, and where a channel is present this is on bedrock</p>
Photograph Looking Upstream	 A photograph showing a rocky watercourse channel flowing through a wooded area. The water is dark and appears to be flowing over a bed of rocks. The surrounding vegetation is dense and appears to be in autumn or winter, with some yellowing leaves visible.
Photograph Looking Downstream	 A photograph showing a rocky watercourse channel flowing through a wooded area. The water is dark and appears to be flowing over a bed of rocks. The surrounding vegetation is dense and appears to be in autumn or winter, with some yellowing leaves visible.



Watercourse Crossing ID	WX3.11
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.11 NGR: NG 79467 23937 Watercourse Width: 0.2m Watercourse Depth: 0.2m Notes: channel blocked by fallen trees both upstream and downstream, very low flows but evidence of higher surface water flow</p>
Photograph Looking Upstream	 A photograph showing a dry, grassy slope. A large, fallen log lies across the middle of the slope, blocking the path. The vegetation is sparse and dry, with some green moss or lichen visible on the ground. The sky is overcast.
Photograph Looking Downstream	 A photograph showing a wide, flat landscape with a large body of water in the distance. The foreground is covered in dry, grassy vegetation. The water is calm and reflects the overcast sky. Mountains are visible in the background.



Watercourse Crossing ID	WX3.12
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.12 NGR: NG 79463 23838 Watercourse Width: 0.1m Watercourse Depth: 0.2m Notes: channel upstream and downstream both heavily reeded/vegetated.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX3.13
Watercourse Crossing Details	Watercourse Crossing: WX3.13 NGR: NG 79320 23413 Watercourse Width: 0.3m Watercourse Depth: 0.2m Notes: none
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX3.14
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.14 NGR: NG 79326 23265 Watercourse Width: 1.5-2m Watercourse Depth: 1m Notes: an existing crossing is present across the channel formed of 4 0.3m diameter culverts made of corrugated plastic.</p>
Photograph Looking Upstream	 A photograph showing a watercourse crossing from an upstream perspective. Four corrugated plastic culverts are visible, partially obscured by bare tree branches and some green vegetation on the right bank. The water is flowing through the culverts into a rocky channel.
Photograph Looking Downstream	 A photograph showing a watercourse crossing from a downstream perspective. The water is flowing through a rocky channel. A large, mossy log is visible in the foreground, and the banks are covered with dry, brown vegetation and some green plants.



Watercourse Crossing ID	WX3.28
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.28 NGR: NG 71461 23359 Watercourse Width: 0.5 m Watercourse Depth: 0.8 m Notes: Small watercourse incised in peat.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX3.29
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.29 NGR: NG 73490 24349 Watercourse Width: 0.5 m Watercourse Depth: 0.2 m Notes: Small watercourse incised in bedrock / shallow soils.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX3.30
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.30 NGR: NG 73699 24267 Watercourse Width: 1.5 m Watercourse Depth: 1.8 m Notes: Watercourse on bedrock with large boulders in channel.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	

Watercourse Crossing ID	WX3.31	
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.31 NGR: NG 76283 24538 Watercourse Width: 0.3 m Watercourse Depth: 1 m Notes: Channel incised in peat with bedrock noted at the bed of the watercourse.</p>	
Photograph Looking Upstream		
Photograph Looking Downstream		

Watercourse Crossing ID	WX3.32
Watercourse Crossing Details	Watercourse Crossing: WX3.32 NGR: NG 76317 24509 Watercourse Width: 0.2 m Watercourse Depth: 0.2 m Notes: Small channel.
Photograph Looking Upstream	 A photograph showing a small, narrow channel of water flowing through a field of tall, green grass. The channel is dark and appears to be a natural or semi-natural watercourse. The background shows a grassy slope under a cloudy sky.
Photograph Looking Downstream	 A photograph showing a wide view of a body of water, likely a loch or lake, in the distance. The foreground is a grassy field with a small channel. The background features rolling hills and mountains under a cloudy sky.

Watercourse Crossing ID	WX3.33
Watercourse Crossing Details	Watercourse Crossing: WX3.33 NGR: NG 76444 24483 Watercourse Width: 5 m Watercourse Depth: 0.8 m Notes: Deep watercourse incised in bedrock
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX3.34
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.34 NGR: NG 76566 24527 Watercourse Width: 0.3 m Watercourse Depth: 0.4 m Notes: Small watercourse incised in bedrock.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX3.35
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.35 NGR: NG 77137 24540 Watercourse Width: 0.5 m Watercourse Depth: 0.6 m Notes: Small watercourse on bedrock.</p>
Photograph Looking Upstream	 A photograph showing a grassy slope leading up to a ridge. The vegetation is dense and green, with some taller trees visible on the ridge in the background. The sky is overcast.
Photograph Looking Downstream	 A photograph showing a small stream flowing through a grassy area. The stream is narrow and appears to be flowing over a rocky bed. The surrounding vegetation is dense and green. The sky is overcast.


Section 4	
Watercourse Crossing ID	WX4.13
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.13 NGR: NG 79821 22379 Watercourse Width: N/A Watercourse Depth: N/A Notes: Watercourse was previously culverted but watercourse no longer in use, i.e. dry. Culvert 0.4m in diameter and comprises circular corrugated metal culvert.</p>
Photograph Looking Upstream	N/A
Photograph Looking Downstream	N/A

Watercourse Crossing ID	WX4.14
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.14 NGR: NG 79931 22204 Watercourse Width: N/A Watercourse Depth: N/A Notes: Inaccessible due to dense forestry</p>
Photograph Looking Upstream	N/A
Photograph Looking Downstream	N/A



Watercourse Crossing ID	WX4.15
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.15 NGR: NG 80567 22121 Watercourse Width: 0.8 m Watercourse Depth: 0.1 m Notes: Crossing located at beginning of watercourse, located on a flat plateau which has areas of standing ponded water. No flow noted at crossing location.</p>
Photograph Looking Upstream	 A photograph showing a narrow, shallow watercourse channel cutting through a vast, flat, grassy plateau. The water is still, reflecting the overcast sky. In the background, a dense line of evergreen trees stretches across the horizon under a heavy, grey sky.
Photograph Looking Downstream	 A photograph looking downstream from the crossing. The channel is wider and more defined, with visible water flow. The surrounding landscape is a flat, grassy field. In the distance, a dark line of trees is visible against a sky with scattered white clouds.

Watercourse Crossing ID	WX4.17
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.17 NGR: NG 81269 22164 Watercourse Width: N/A Watercourse Depth: N/A Notes: No active channel noted at crossing location. The wider channel area extended to approximately 5m wide, with waterlogged soils and bracken. Watercourse becomes more defined downstream of crossing location.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.18
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.18 NGR: NG 81324 22169 Watercourse Width: 0.2 m Watercourse Depth: 0.1 m Notes: Watercourse located in a wider reeded channel approximately 3 m wide and 3 m high.</p>
Photograph Looking Upstream	 A photograph showing a grassy field with a large, dense tree in the center. The field is covered in tall green grass, and the tree has thick, gnarled branches. The background shows a slight rise in the land.
Photograph Looking Downstream	 A photograph showing a wide, grassy valley. The foreground is filled with tall green grass. In the background, there are rolling hills and a cloudy sky. A few trees are visible on the right side of the valley.



Watercourse Crossing ID	WX4.19
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.19 NGR: NG 81740 21417 Watercourse Width: 0.3 m Watercourse Depth: 0.4 m Notes: Steep watercourse incised in superficial deposits and heavily vegetated channel. Watercourse surveyed approximately 150 m downstream of crossing point as crossing point was inaccessible.</p>
Photograph Looking Upstream	 A photograph showing a steep, vegetated bank. The foreground is dominated by lush green ferns and tall grasses. In the background, there are several trees, including a large, moss-covered tree trunk, and a clear blue sky.
Photograph Looking Downstream	 A photograph showing a steep, vegetated bank. The foreground is dominated by lush green ferns and tall grasses. In the background, there are several trees, including a large, moss-covered tree trunk, and a clear blue sky.



Watercourse Crossing ID	WX4.20
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.20 NGR: NG 81955 21308 Watercourse Width: 0.2 m Watercourse Depth: 0.1 m Notes: Small watercourse with little to no flow. Watercourse surveyed approximately 150 m upstream of crossing point as crossing point was inaccessible due to dense forestry.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.21
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.21 NGR: NG 82642 20961 Watercourse Width: 1 m Watercourse Depth: 0.5 m Notes: Incised in peat and superficial deposits.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.22
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.22 NGR: NG 82758 20709 Watercourse Width: 0.3 m Watercourse Depth: 0.3 m Notes: None.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.23
Watercourse Crossing Details	Watercourse Crossing: WX4.23 NGR: NG 84303 19017 Watercourse Width: 1.5 m Watercourse Depth: 0.5 m Notes: On bedrock and boulders in channel.
Photograph Looking Upstream	 A photograph showing a rocky watercourse crossing in a natural setting. The water is flowing over dark, jagged rocks and boulders. The surrounding area is covered in dense, green and brownish vegetation, including shrubs and trees. The background shows a steep, grassy hillside under an overcast sky.
Photograph Looking Downstream	 A photograph showing a rocky watercourse crossing from a downstream perspective. The water is flowing over dark, jagged rocks and boulders. The surrounding area is covered in dense, green and brownish vegetation, including shrubs and trees. The background shows a steep, grassy hillside under an overcast sky.



Watercourse Crossing ID	WX4.24
Watercourse Crossing Details	Watercourse Crossing: WX4.24 NGR: NG 84519 17963 Watercourse Width: 1 m Watercourse Depth: 0.9 m Notes: Small meandering watercourse incised in peat.
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.25
Watercourse Crossing Details	Watercourse Crossing: WX4.25 NGR: NG 85114 17126 Watercourse Width: 0.5 m Watercourse Depth: 0.2 m Notes: Small watercourse incised in superficial deposits.
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.26
Watercourse Crossing Details	Watercourse Crossing: WX4.26 NGR: NG 87537 14158 Watercourse Width: 1 m Watercourse Depth: 0.2 m Notes: Small steep watercourse.
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.27
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.27 NGR: NG 85071 17184 Watercourse Width: 0.1 m Watercourse Depth: 0.1 m Notes: Small surface water incised in peat, near the start of the watercourse. Watercourse located within a larger channel 1.5 m wide and 0.5 m deep.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.28
Watercourse Crossing Details	Watercourse Crossing: WX4.28 NGR: NG 85081 17145 Watercourse Width: 0.2 m Watercourse Depth: 0.4 m to 0.9 m Notes: Small watercourse incised in peat.
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.29
Watercourse Crossing Details	Watercourse Crossing: WX4.29 NGR: NG 85208 16953 Watercourse Width: 3 m Watercourse Depth: 0.1 m to 0.4 m Notes: Large watercourse with boulders and ripples in channel.
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.30
Watercourse Crossing Details	Watercourse Crossing: WX4.30 NGR: NG 85590 16643 Watercourse Width: 1 m Watercourse Depth: 0.6 m Notes: Small meandering watercourse which is heavily vegetated.
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.34
Watercourse Crossing Details	Watercourse Crossing: WX4.34 NGR: NG 84967 16372 Watercourse Width: 0.3 m Watercourse Depth: 0.2 m Notes: Small watercourse with steady flow.
Photograph Looking Upstream	
Photograph Looking Downstream	

Watercourse Crossing ID	WX4.46
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.46 NGR: NG 87908 12635 Watercourse Width: 1.5 m Watercourse Depth: 4 m Notes: Steep watercourse in wider channel, approximately 6 m wide, which is incised in bedrock.</p>
Photograph Looking Upstream	 A photograph showing a steep, grassy slope leading up to a ridge. A narrow, incised watercourse is visible in the center of the slope, flowing uphill. The vegetation is dense and green.
Photograph Looking Downstream	 A photograph showing a steep, grassy slope leading down to a ridge. A narrow, incised watercourse is visible in the center of the slope, flowing downhill. The vegetation is dense and green.

Watercourse Crossing ID	WX4.47
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.47 NGR: NG 87911 12600 Watercourse Width: 1.5 m Watercourse Depth: 2.5 m Notes: Small steep watercourse in a slightly wider channel, approximately 4 m wide, which is incised in bedrock.</p>
Photograph Looking Upstream	 A photograph showing a narrow, rocky watercourse flowing through a lush green valley. The water is clear and flows over dark rocks. The surrounding vegetation is dense and green, with some taller grasses and shrubs. The valley floor is visible, showing the channel's path.
Photograph Looking Downstream	 A photograph showing a person standing on a grassy bank next to the watercourse. The person is wearing a blue jacket and dark trousers. The watercourse is visible in the foreground, flowing towards the background. The landscape is hilly and covered in green grass and some rocks.



Watercourse Crossing ID	WX4.48
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.48 NGR: NG 87914 12564 Watercourse Width: 1 m Watercourse Depth: 3 m Notes: Steep watercourse in a defined channel with boulders in channel. Recommended to move slightly downstream where slopes are less steep.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.49
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.49 NGR: NG 87934 12472 Watercourse Width: 0.2 m Watercourse Depth: 0.5 m Notes: Watercourse incised in bedrock in a wider channel approximately 5.5 m wide and 3.5 m deep. Watercourse invert immediately upstream of crossing, approximately 2 m higher.</p>
Photograph Looking Upstream	 A photograph showing a watercourse flowing through a rocky channel in a grassy, hilly landscape. An orange surveying staff is positioned in the foreground on the left side of the channel. The water is cascading over a rocky ledge.
Photograph Looking Downstream	 A photograph showing a watercourse flowing through a grassy, hilly landscape. An orange surveying staff is positioned in the foreground on the right side of the channel. The water is flowing in a narrow, rocky channel.



Watercourse Crossing ID	WX4.50
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.50 NGR: NG 87949 12432 Watercourse Width: 0.4 m Watercourse Depth: 0.4 m Notes: Watercourse located in a wider channel approximately 3.5 m wide and 1.5 m high. Watercourse is incised in bedrock.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	

Watercourse Crossing ID	WX4.51	
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.51 NGR: NG 87963 12398 Watercourse Width: 0.3 m Watercourse Depth: 0.5 m Notes: Watercourse located in wider channel approximately 5 m wide and 1.5 m high. Watercourse is incised in bedrock.</p>	
Photograph Looking Upstream		
Photograph Looking Downstream		



Watercourse Crossing ID	WX4.52
Watercourse Crossing Details	Watercourse Crossing: WX4.52 NGR: NG 87969 12385 Watercourse Width: ~0.5 m Watercourse Depth: ~0.5 m Notes: Actual crossing not surveyed but will be similar to WX4.51 where it will be located in a wider channel and incised in bedrock.
Photograph Looking Upstream	
Photograph Looking Downstream	

Watercourse Crossing ID	WX4.53
Watercourse Crossing Details	Watercourse Crossing: WX4.53 NGR: NG 88887 11745 Watercourse Width: 0.8 m Watercourse Depth: 0.5 m Notes: On bedrock with numerous boulders in channel.
Photograph Looking Upstream	
Photograph Looking Downstream	

Watercourse Crossing ID	WX4.57
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.57 NGR: NG 91013 10090 Watercourse Width: 10 m Watercourse Depth: 1.5 m Notes: Large meandering watercourse on bedrock.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID			WX4.82
Watercourse Crossing Details			<p>Watercourse Crossing: WX4.82 NGR: NG 95919 05593 Watercourse Width: 30 m Watercourse Depth: 1 m Notes: Large existing ford.</p>
Photograph Watercourse	Looking	Across	 <p>A wide, shallow watercourse crossing in a rural landscape. The water is dark and flows over a bed of rocks and pebbles. The surrounding terrain is hilly and covered in dry, brownish vegetation. The sky is overcast.</p>
Photograph Watercourse	Looking	Across	 <p>Another photograph of the same watercourse crossing, showing a different view of the rocky bed and the surrounding landscape. The water is still dark and flows over the rocks. The terrain is hilly and covered in dry vegetation.</p>

Watercourse Crossing ID	WX4.83
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.83 NGR: NG 88040 16304 Watercourse Width: 1.5 m Watercourse Depth: Not recorded Notes: Small watercourse which is diverted under existing track. Crossing comprises of small stone slabs.</p>
Photograph Looking Upstream	 A photograph showing a small, narrow watercourse crossing a grassy slope. The water is brownish and flows over a structure made of small stone slabs. The surrounding vegetation is lush green.
Photograph Looking Downstream	 A photograph showing a wide, grassy hillside with a person standing in the distance. The terrain is covered in dense green vegetation, and the background shows rolling hills under a cloudy sky.



Watercourse Crossing ID	WX4.84
Watercourse Crossing Details	Watercourse Crossing: WX4.84 NGR: NG 97741 03796 Watercourse Width: 0.1m Watercourse Depth: 0.4m Notes: Incised into peat.
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.85
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.85 NGR: NG 98547 03802 Watercourse Width: 0.5m Watercourse Depth: 0.5m Notes: Channel is steep with boulders and cobbles deposited throughout.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.86
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.86 NGR: NH 00348 03508 Watercourse Width: 0.5-1m Watercourse Depth: 0.3m Notes: Active channel situated within a larger incised stream profile which has banks up to 2m high and at crossing point has a steep profile in bedrock with large boulders</p>
Photograph Looking Upstream	 A photograph showing a rocky stream channel flowing through a valley. The banks are covered in dry, yellowish-brown grass and some small shrubs. The water is clear and flows over large, grey rocks. In the background, there are rolling hills under a blue sky with some light clouds.
Photograph Looking Downstream	 A photograph showing a rocky stream channel flowing through a valley. The banks are covered in dry, yellowish-brown grass and some small shrubs. The water is clear and flows over large, grey rocks. In the background, there is a large body of water, likely a lake or reservoir, under a grey sky.



Watercourse Crossing ID	WX4.87
Watercourse Crossing Details	Watercourse Crossing: WX4.87 NGR: NH 00690 03524 Watercourse Width: 0.5-1.5m Watercourse Depth: 0.5m Notes: steep channel incised into bedrock
Photograph Looking Upstream	
Photograph Looking Downstream	


Watercourse Crossing ID	WX4.88
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.88 NGR: NH 01014 03727 Watercourse Width: 0.2m Watercourse Depth: 0.5m Notes: watercourse incised into peat with deposits of boulders and cobbles.</p>
Photograph Looking Upstream	 A photograph showing a narrow, shallow watercourse cutting through a peat-covered hillside. The water is dark and still, reflecting the overcast sky. The surrounding vegetation is dry, brownish grass and low shrubs. In the distance, a tall, thin tower or structure is visible against the sky.
Photograph Looking Downstream	 A photograph showing a wider view of the watercourse. The channel is more pronounced, and the water flows towards a large, calm reservoir in the background. The landscape is hilly and covered in dry, brownish vegetation. The sky is overcast.

Watercourse Crossing ID	WX4.89
Watercourse Crossing Details	Watercourse Crossing: WX4.89 NGR: NG 88667 17205 Watercourse Width: 3.5 m Watercourse Depth: 0.8 m Notes: Large meandering watercourse incised on bedrock.
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.90
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.90 NGR: NG 87805 13528 Watercourse Width: 0.4 m Watercourse Depth: 0.6 m Notes: Watercourse incised into bedrock.</p>
Photograph Looking Upstream	 A photograph showing a narrow, shallow watercourse flowing through a grassy field. The water is clear and flows from the background towards the foreground. The surrounding vegetation is green and dense.
Photograph Looking Downstream	 A photograph showing a watercourse flowing through a grassy field. The water is clear and flows from the background towards the foreground. The surrounding vegetation is green and dense. A wooden marker is visible in the foreground.



Watercourse Crossing ID	WX4.91
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.91 NGR: NG 87861 13208 Watercourse Width: 1.5 m Watercourse Depth: 2 m Notes: Steep watercourse incised in bedrock.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	

Watercourse Crossing ID	WX4.92
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.92 NGR: NG 87871 13121 Watercourse Width: 0.4 m Watercourse Depth: 0.2 m Notes: Watercourse located within a wider channel approximately 4 m high and 3 m wide.</p>
Photograph Looking Upstream	 <p>A photograph showing a rocky watercourse flowing through a grassy valley. The water is contained within a narrow channel formed by large, grey rocks. The surrounding landscape is covered in green grass and low-lying vegetation. An orange surveying pole is visible on the left side of the frame, providing a scale reference.</p>
Photograph Looking Downstream	 <p>A photograph showing a wider, shallower watercourse flowing through a grassy valley. The water is contained within a channel formed by large, grey rocks. The surrounding landscape is covered in green grass and low-lying vegetation. An orange surveying pole is visible in the foreground, providing a scale reference.</p>



Watercourse Crossing ID	WX4.93
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.93 NGR: NG 87888 13074 Watercourse Width: 1 m Watercourse Depth: 0.3 m Notes: Watercourse in a wider channel approximately 5 m high and 10 m wide, incised into bedrock.</p>
Photograph Looking Upstream	 A photograph showing a rocky watercourse channel flowing through a grassy valley. The channel is incised into the bedrock. A survey marker (a wooden post with an orange flag) is visible in the foreground on the left side of the channel. The surrounding landscape is hilly and covered in green vegetation.
Photograph Looking Downstream	 A photograph showing a rocky watercourse channel flowing through a grassy valley. The channel is incised into the bedrock. A survey marker (a wooden post with an orange flag) is visible in the foreground on the right side of the channel. The surrounding landscape is hilly and covered in green vegetation.



Watercourse Crossing ID	WX4.94
Watercourse Crossing Details	Watercourse Crossing: WX4.94 NGR: NG 87913 13013 Watercourse Width: 0.4 m Watercourse Depth: 0.5 m Notes: Small steep watercourse.
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.95
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.95 NGR: NG 87908 12911 Watercourse Width: 1 m Watercourse Depth: 4 m Notes: Incised watercourse within larger channel profile.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.96
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.96 NGR: NG 87903 12808 Watercourse Width: 1.5 m Watercourse Depth: 4 m Notes: Steep watercourse incised into bedrock.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.97
Watercourse Crossing Details	Watercourse Crossing: WX4.97 NGR: NG 90734 10228 Watercourse Width: N/A Watercourse Depth: N/A Notes: Inaccessible during survey
Photograph Looking Upstream	N/A
Photograph Looking Downstream	N/A



Section 5	
Watercourse Crossing ID	WX5.1
Watercourse Crossing Details	Watercourse Crossing: WX5.1 NGR: NH 20900 02481 Watercourse Width: 0.3 m Watercourse Depth: 0.5 m Notes: Small watercourse.
Photograph Looking Upstream	
Photograph Looking Downstream	

Watercourse Crossing ID	WX5.2
Watercourse Crossing Details	Watercourse Crossing: WX5.2 NGR: NH 21778 02414 Watercourse Width: 0.8 m Watercourse Depth: 0.3 m Notes: Watercourse incised on bedrock.
Photograph Looking Upstream	
Photograph Looking Downstream	

Watercourse Crossing ID	WX5.4
Watercourse Crossing Details	<p>Watercourse Crossing: WX5.4 NGR: NH 29056 02464 Watercourse Width: 2.5-3m Watercourse Depth: 0.5m Notes: Crossing located immediately downstream of a confluence, some evidence of flooding and boulders deposited in stream.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	

Watercourse Crossing ID	WX5.6
Watercourse Crossing Details	Watercourse Crossing: WX5.6 NGR: NH 23639 02869 Watercourse Width: 1-3m Watercourse Depth: 0.3-0.5m Notes: none
Photograph Looking Upstream	 A photograph showing a rocky streambed with a fallen log. The stream is surrounded by dry grass and some green vegetation. The water is shallow and flows over the rocks.
Photograph Looking Downstream	 A photograph showing a rocky streambed with water flowing over the rocks. The stream is surrounded by dry grass and some green vegetation. The water is shallow and flows over the rocks.



Watercourse Crossing ID	WX5.8
Watercourse Crossing Details	<p>Watercourse Crossing: WX5.8 NGR: NH 15844 01567 Watercourse Width: 0.5m Watercourse Depth: 0.5m Notes: very incised channel in a larger bog and forested area, cobbles and boulders deposited in channel</p>
Photograph Looking Upstream	 A photograph showing a narrow, incised watercourse channel flowing through a boggy, forested area. The channel is very narrow and deep, with mossy banks. A person's hand holding a red and orange tool is visible in the bottom right corner, providing a scale for the channel's width.
Photograph Looking Downstream	 A photograph showing a watercourse channel flowing through a forested area. The channel is narrow and deep, with mossy banks. A person is standing on the bank in the background, providing a scale for the channel's width. The forest consists of tall, thin trees, and the ground is covered in moss and fallen leaves.



Watercourse Crossing ID	WX5.11
Watercourse Crossing Details	Watercourse Crossing: WX5.11 NGR: NH 23606 02907 Watercourse Width: 0.8-1.5m Watercourse Depth: 0.4m Notes: channel banks up to 2m high incised into bedrock with pebbles and boulders deposited, existing makeshift log crossing restricting flow.
Photograph Looking Upstream	 A photograph showing a rocky watercourse crossing. The water is shallow and flows over a bed of large, grey, angular rocks and boulders. The banks are covered in dry, brownish grass and some green moss. The background shows a steep, rocky slope.
Photograph Looking Downstream	 A photograph showing a makeshift log crossing. The crossing is made of several large, weathered logs laid across the watercourse. The water is shallow and flows over the logs. The background shows a wide, open landscape with rolling hills and mountains under a cloudy sky.



Section 6



There are no new permanent tracks in Section 6.



4.0 Existing Crossings on Existing Tracks to be Upgraded



Section 0	
There are no existing crossings on existing tracks to be upgraded in Section 0.	
Section 1	
Watercourse Crossing ID	WX1.2
Watercourse Crossing Details	<p>Watercourse Crossing: WX1.2 NGR: NG 43459 38444 Status: Existing Culvert Diameter: 1m x2 Culvert Construction Type: two twinwall plastic circular Watercourse Width: 2m Watercourse Depth: N/A Notes: Culverts in good condition / no obstruction.</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit Downstream	



Watercourse Crossing ID	WX1.5	
Watercourse Crossing Details	<p>Watercourse Crossing: WX1.5 NGR: NG 43050 37024 Status: Existing Culvert Diameter: 0.6 m Culvert Construction Type: concrete circular Watercourse Width: 1 m Watercourse Depth: N/A Notes: culvert partially covered in vegetation, but strong flow through the culvert</p>	
Photograph Looking at Culvert Entrance from Upstream		
Photograph Looking at Culvert Exit Downstream		



Watercourse Crossing ID	WX1.6	
<p>Watercourse Crossing Details</p>	<p>Watercourse Crossing: WX1.6 NGR: NG 42911 36174 Status: Existing Culvert Diameter: 1 m Culvert Construction Type: concrete circular Watercourse Width: 2.5 m Watercourse Depth: N/A Notes: Culvert reinforced with headwall.</p>	
<p>Photograph Looking at Culvert Entrance from Upstream</p>		
<p>Photograph Looking at Culvert Exit Downstream</p>		



Watercourse Crossing ID	WX1.7	
Watercourse Crossing Details	<p>Watercourse Crossing: WX1.7 NGR: NG 42732 36171 Status: Existing Culvert Diameter: 1.5 m x2 Culvert Construction Type: two twinwall plastic circular Watercourse Width: 3 m Watercourse Depth: N/A Notes: Culverts clear and in good condition.</p>	
Photograph Looking at Culvert Entrance from Upstream		
Photograph Looking at Culvert Exit Downstream		



Watercourse Crossing ID	WX1.8	
Watercourse Crossing Details	<p>Watercourse Crossing: WX1.8 NGR: NG 42491 36277 Status: Existing Culvert Diameter: 1 m Culvert Construction Type: twinwall plastic circular Watercourse Width: 2 m Watercourse Depth: N/A Notes: Culvert in good condition, cobbles to boulders noted within channel</p>	
Photograph Looking at Culvert Entrance from Upstream		
Photograph Looking at Culvert Exit Downstream		



Watercourse Crossing ID	WX1.9
Watercourse Crossing Details	<p>Watercourse Crossing: WX1.9 NGR: NG 42335 36327 Status: Existing Culvert Diameter: 1 m Culvert Construction Type: twinwall plastic circular Watercourse Width: 1.5 m Watercourse Depth: N/A Notes: Culvert in good condition.</p>
Photograph Looking at Culvert Entrance from Upstream	 <p>A photograph taken from an upstream perspective looking down at the culvert entrance. The entrance is a dark circular opening in a grassy bank. A white van with yellow markings is parked on a paved road above the culvert, providing a scale reference. The surrounding area is lush green grass and trees.</p>
Photograph Looking at Culvert Exit Downstream	 <p>A photograph taken from a downstream perspective looking up at the culvert exit. The exit is a dark circular opening in a grassy bank, with a small stream of water flowing out. A white van with yellow markings is parked on a paved road above the culvert, providing a scale reference. The surrounding area is lush green grass and trees.</p>



Watercourse Crossing ID	WX1.10
Watercourse Crossing Details	<p>Watercourse Crossing: WX1.10 NGR: NG 42097 36428 Status: Existing Culvert Diameter: 1 m x2 Culvert Construction Type: two concrete circular Watercourse Width: 2.5 m Watercourse Depth: N/A Notes: Culverts in good condition.</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit Downstream	



Watercourse Crossing ID	WX1.11	
Watercourse Crossing Details	<p>Watercourse Crossing: WX1.11 NGR: NG 41974 36571 Status: Existing Culvert Diameter: 0.6 m Culvert Construction Type: concrete circular Watercourse Width: 0.5 to 1 m Watercourse Depth: N/A Notes: Partially covered in vegetation, but no obstruction to flow.</p>	
Photograph Looking at Culvert Entrance from Upstream		
Photograph Looking at Culvert Exit Downstream		



Watercourse Crossing ID	WX1.12
Watercourse Crossing Details	<p>Watercourse Crossing: WX1.12 NGR: NG 41862 36585 Status: Existing Culvert Diameter: 1 m Culvert Construction Type: concrete circular Watercourse Width: 1 to 2 m Watercourse Depth: N/A Notes: Culvert in good condition, cobbles and reeds noted within the channel</p>
<p>Photograph Looking at Culvert Entrance from Upstream</p>	
<p>Photograph Looking at Culvert Exit Downstream</p>	



Watercourse Crossing ID	WX1.13	
Watercourse Crossing Details	<p>Watercourse Crossing: WX1.13 NGR: NG 41029 35612 Status: Existing Culvert Diameter: 1 m Culvert Construction Type: concrete circular Watercourse Width: 1.5 m Watercourse Depth: N/A Notes: Culvert in good condition.</p>	
Photograph Looking at Culvert Entrance from Upstream		
Photograph Looking at Culvert Exit Downstream		



Watercourse Crossing ID	WX1.14
Watercourse Crossing Details	<p>Watercourse Crossing: WX1.14 NGR: NG 40817 35634 Status: Existing Culvert Diameter: 0.6 m and 1 m Culvert Construction Type: concrete circular with adjacent slightly larger twinwall plastic culvert Watercourse Width: 1 m upstream and 2 – 3m downstream Watercourse Depth: N/A Notes: all flow is concentrated within the concrete culvert which is partially blocked upstream. Very little flow was noted in the plastic culvert.</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit Downstream	



Watercourse Crossing ID	WX1.15	
Watercourse Crossing Details	<p>Watercourse Crossing: WX1.15 NGR: NG 40719 35581 Status: Existing Culvert Diameter: 0.6 m Culvert Construction Type: concrete circular Watercourse Width: 1 m Watercourse Depth: N/A Notes: Culvert in good condition.</p>	
Photograph Looking at Culvert Entrance from Upstream		
Photograph Looking at Culvert Exit Downstream		



Watercourse Crossing ID	WX1.16
Watercourse Crossing Details	<p>Watercourse Crossing: WX1.16 NGR: NG 40316 35489 Status: Existing Culvert Diameter: 0.6 m Culvert Construction Type: concrete circular Watercourse Width: 1 m Watercourse Depth: N/A Notes: Culvert in good condition. Water is collected immediately downstream of crossing for an offtake (for a small scale hydro scheme).</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit Downstream	



Watercourse Crossing ID	WX1.17	
Watercourse Crossing Details	<p>Watercourse Crossing: WX1.17 NGR: NG 39441 35044 Status: Existing Culvert Diameter: 1 m Culvert Construction Type: twinwall plastic circular Watercourse Width: 1.5 m Watercourse Depth: N/A Notes: upstream side reinforced with stone cover.</p>	
Photograph Looking at Culvert Entrance from Upstream	 <p>A photograph showing the upstream entrance of a culvert. The culvert is a dark, circular opening in a grassy field. The surrounding area is covered in green grass and some low-lying vegetation. A blue line is visible in the foreground, possibly a survey line or a path.</p>	
Photograph Looking at Culvert Exit Downstream	 <p>A photograph showing the downstream exit of a culvert. The culvert is a dark, circular opening in a grassy field. The surrounding area is covered in green grass and some low-lying vegetation. The culvert is surrounded by a stone cover on the upstream side.</p>	



Watercourse Crossing ID	WX1.18	
Watercourse Crossing Details	<p>Watercourse Crossing: WX1.18 NGR: NG 39405 35022 Status: Existing Culvert Diameter: 0.7 m Culvert Construction Type: twinwall plastic circular Watercourse Width: 1 to 1.5 m Watercourse Depth: N/A Notes: Culvert in good condition.</p>	
Photograph Looking at Culvert Entrance from Upstream		
Photograph Looking at Culvert Exit Downstream		



Watercourse Crossing ID	WX1.19	
Watercourse Crossing Details	<p>Watercourse Crossing: WX1.19 NGR: NG 39209 34960 Status: Existing Culvert Diameter: 0.5 m Culvert Construction Type: corrugated metal Watercourse Width: 0.5 m Watercourse Depth: N/A Notes: Upstream entrance partially blocked</p>	
Photograph Looking at Culvert Entrance from Upstream		
Photograph Looking at Culvert Exit Downstream		



Watercourse Crossing ID	WX1.20	
Watercourse Crossing Details	<p>Watercourse Crossing: WX1.20 NGR: NG 39022 34957 Status: Existing Culvert Diameter: 0.6 m Culvert Construction Type: plastic circular Watercourse Width: 1 m Watercourse Depth: N/A Notes: Culvert partially obstructed by vegetation</p>	
Photograph Looking at Culvert Entrance from Upstream		
Photograph Looking at Culvert Exit Downstream		



Section 2	
Watercourse Crossing ID	WX2.6
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.6 NGR: NG 62443 24578 Status: Existing Culvert Diameter: 0.5m Culvert Construction Type: corrugated iron pipe Watercourse Width: 1-2m Watercourse Depth: 1m Notes: existing iron culvert has rusted. Evidence of flooding at culvert entrance</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit Downstream	



Watercourse Crossing ID	WX2.11
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.11 NGR: NG 60192 26627 Status: Existing Culvert Diameter: 1m Culvert Construction Type: square concrete open bottomed culvert Watercourse Width: 1-2m Watercourse Depth: 0.3m Notes: cobbles and boulders present in channel and no evidence of flooding at the culvert.</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit from Downstream	



Watercourse Crossing ID	WX2.19
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.19 NGR: NG 59155 26686 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 0.2m Watercourse Depth: 0.1m Notes: upstream, the culvert is covered by vegetation and flow has diverted parallel to the road resulting in water overtopping onto the road, part of the culvert cover has collapsed with rocks inhibiting flow progression.</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit from Downstream.	



Watercourse Crossing ID	WX2.20
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.20 NGR: NG 59281 26546 Status: Existing Culvert Diameter: 0.5m Culvert Construction Type: concrete and stone Watercourse Width: 0.5m Watercourse Depth: 0.2m Notes: evidence of flooding adjacent to the culvert entrance.</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit from Downstream	



Watercourse Crossing ID	WX2.21
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.21 NGR: NG 59375 26514 Status: Existing Culvert Diameter: 3m Culvert Construction Type: stone arched bridge Watercourse Width: 3m Watercourse Depth: 2m Notes: channel is incised into bedrock with boulders present. A waterfall is also located just upstream of the crossing.</p>
Photograph Looking at Culvert Entrance from Upstream	 A photograph showing the entrance of a stone arch culvert. The structure is built from large, grey, roughly-hewn stones. The watercourse is rocky and appears to be cut into the bedrock. The surrounding landscape is hilly and covered in sparse, dry vegetation under a clear blue sky.
Photograph Looking Downstream from Culvert	 A photograph looking downstream from the culvert. The watercourse is rocky and flows through a grassy field. A wooden fence runs across the foreground, partially obscuring the view. The water is clear and reflects the sky. The background shows a wide, open landscape with rolling hills.


Watercourse Crossing ID	WX2.22
<p>Watercourse Crossing Details</p>	<p>Watercourse Crossing: WX2.22 NGR: NG 59536 26583 Status: Existing Culvert Diameter: 0.3m Culvert Construction Type: plastic pipe, stone and concrete Watercourse Width: 0.5m Watercourse Depth: 0.3 Notes: channel is incised into bedrock with cobbles and boulders throughout the reach. Some flow present upstream however culvert on the date of the survey was dry. Culvert has a hole on the top. Pipe coming out of the culvert at the downstream end is crushed by rocks the collapse of the ground.</p>
<p>Photograph Looking at Culvert Entrance from Upstream</p>	
<p>Photograph Looking at Culvert Exit from Downstream.</p>	



Watercourse Crossing ID	WX2.23
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.23 NGR: NG 59679 26594 Status: Existing Culvert Diameter: 0.5m Culvert Construction Type: stone and concrete Watercourse Width: 0.5-2m Watercourse Depth: 0.1m Notes: existing culvert has a hole on the top towards the downstream end. Boulders and cobbles are deposited throughout the channel and evidence of flooding was noted</p>
Photograph Looking at Culvert Entrance from Upstream	 <p>A photograph showing the upstream entrance of a culvert. The culvert is constructed from stone and concrete, partially obscured by tall, dry grass and some low-lying vegetation. The surrounding landscape is a grassy field with hills in the background under a clear sky.</p>
Photograph Looking at Culvert Exit Downstream	 <p>A photograph showing the downstream exit of the culvert. The water is flowing over a rocky stream bed. There is some green vegetation on the banks, and the water appears slightly turbulent as it exits the culvert structure.</p>



Watercourse Crossing ID	WX2.24
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.24 NGR: NG 59723 26604 Status: Existing Culvert Diameter: 0.4m height, 0.6m wide Culvert Construction Type: stone arch in good condition Watercourse Width: 1.5-2m Watercourse Depth: 1m Notes: channel incised into bedrock with boulders deposited at the reach. Evidence of flooding around the culvert entrance.</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit Downstream.	



Watercourse Crossing ID	WX2.25
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.25 NGR: NG 59971 26638 Status: Existing Culvert Diameter: 0.5m Culvert Construction Type: open bottom concrete culvert Watercourse Width: 0.4m Watercourse Depth: 0.5m Notes: cobbles and boulders present throughout the reach with evidence of flooding.</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit Downstream	



Watercourse Crossing ID	WX2.26
Watercourse Crossing Details	<p>Watercourse Crossing: WX2.26 NGR: NG 60160 26628 Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: N/A Watercourse Depth: N/A Notes: drainage diverted along track to WX2.24</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Section 3	
Watercourse Crossing ID	WX3.5
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.5 NGR: NG 72493 24122 Status: Existing Culvert Diameter: 0.4m Culvert Construction Type: circular corrugated metal Watercourse Width: 0.3m Watercourse Depth: 1m Notes: watercourse crossing is at a confluence of a few smaller 0.1m deep channels upstream. Low flow on date of survey.</p>
Photograph Looking at Culvert Entrance from Upstream	 <p>A photograph showing the entrance of a culvert into a grassy area. The culvert is a dark, circular opening partially obscured by tall, dry grasses and some green vegetation. The surrounding area is a mix of brown and green grasses.</p>
Photograph Looking at Culvert Exit Downstream	 <p>A photograph showing the exit of a culvert into a grassy area. The culvert is a dark, circular opening partially obscured by tall, dry grasses and some green vegetation. The surrounding area is a mix of brown and green grasses. A silver car is visible in the background, parked on a road or path.</p>



Watercourse Crossing ID	WX3.6
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.6 NGR: NG 72826 24314 Status: Existing Culvert Diameter: 0.3m Culvert Construction Type: concrete Watercourse Width: 0.1m Watercourse Depth: 0.3m Notes: dry silted channel on date of survey which contains fallen trees upstream</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking Downstream from Culvert	



Watercourse Crossing ID	WX3.15
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.15 NGR: NG 79156 23144 Status: Existing Culvert Diameter: 0.4m Culvert Construction Type: circular plastic culvert Watercourse Width: 0.2m Watercourse Depth: 0.2m Notes: channel is incised into peat, culvert which is slightly deformed downstream</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit from Downstream	



Watercourse Crossing ID	WX3.16
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.16 NGR: NG 79031 22919 Status: Existing Culvert Diameter: 0.4m Culvert Construction Type: circular corrugated metal culvert Watercourse Width: 0.1m Watercourse Depth: 0.2m Notes: two small 0.1m x 0.2m channels join at the crossing, incised into peat</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit from Downstream	

Watercourse Crossing ID	WX3.17
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.17 NGR: NG 78874 22689 Status: Existing Culvert Diameter: 1m Culvert Construction Type: circular corrugated metal culvert Watercourse Width: 0.3m Watercourse Depth: 0.1m Notes: two small channels join upstream of the culvert.</p>
Photograph Looking Upstream from Upstream	 A photograph showing a narrow watercourse flowing through a wooded area. The water is dark and surrounded by mossy rocks and dense vegetation. The trees are mostly bare, suggesting a late autumn or winter setting.
Photograph Looking at Culvert Exit from Downstream.	 A photograph of a culvert exit. A large, dark, circular opening is visible, set into a wall of rough-hewn stones. The surrounding area is covered in moss and some fallen branches, indicating a natural, somewhat overgrown environment.

Watercourse Crossing ID	WX3.18
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.18 NGR: NG 78860 22636 Status: Existing Culvert Diameter: 1m Culvert Construction Type: circular corrugated metal Watercourse Width: 2-3m Watercourse Depth: 0.3m Notes: upstream catchment is steep with waterfall</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit from Downstream	



Watercourse Crossing ID	WX3.19
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.19 NGR: NG 78665 22360 Status: Existing Bridge Width: 20m Culvert Construction Type: open span bridge with steel frame and wooden slats Watercourse Width: 5m Watercourse Depth: 10-15m Notes: fast flowing channel with various knick points incising into bedrock.</p>
Photograph Looking at Bridge from Upstream	 A close-up photograph of the bridge's steel truss structure. The bridge is supported by a series of vertical steel posts connected by diagonal bracing. The wooden slats of the bridge deck are visible, showing some wear and debris. The background shows a rocky, wooded area with some bare trees.
Photograph Looking Downstream from Bridge	 A photograph of the watercourse flowing downstream from the bridge. The water is clear and flows over a rocky bed. The banks are covered in dense vegetation, including mosses and ferns, and several trees are visible. The overall scene is a natural, wooded environment.



Watercourse Crossing ID	WX3.20
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.20 NGR: NG 78649 22218 Status: Existing Culvert Diameter: 0.4m Culvert Construction Type: circular corrugated metal culvert Watercourse Width: 0.4m Watercourse Depth: 0.2m Notes: none</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit from Downstream	



Watercourse Crossing ID	WX3.21
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.21 NGR: NG 78657 22171 Status: Existing Culvert Diameter: 1m Culvert Construction Type: circular corrugated metal culvert Watercourse Width: 1-3m Watercourse Depth: 0.3m Notes: upstream channel is around 1m wide but downstream the cross section is less uniform extending to 1 - 3m width. Active watercourse in a 2m high channel.</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit from Downstream	



Watercourse Crossing ID	WX3.22
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.22 NGR: NG 78690 22071 Status: Existing Culvert Diameter: 0.4m Culvert Construction Type: circular corrugated metal culvert Watercourse Width: 0.2m Watercourse Depth: 0.1m Notes: active channel sits within a wider channel which is 0.7m wide and 0.5m high</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit from Downstream.	



Watercourse Crossing ID	WX3.23
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.23 NGR: NG 78696 21970 Status: Existing Culvert Diameter: 0.3m Culvert Construction Type: circular corrugated metal culvert Watercourse Width: 0.1m Watercourse Depth: 0.1m Notes: active channel sits within larger channel which is up to 1m wide and 1.5m deep. Dry channel during survey with upstream of the culvert heavily reeded/vegetated. Downstream end of culvert is corroded at the base.</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit from Downstream	



Watercourse Crossing ID	WX3.24
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.24 NGR: NG 78681 21851 Status: Existing Culvert Diameter: 0.3m Culvert Construction Type: circular corrugated metal Watercourse Width: 0.2-0.4m Watercourse Depth: 0.1m Notes: active channel sits within a large channel which is 1.5m deep. Downstream outfall culvert has slightly corroded with moss present along the base.</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit from Downstream.	

Watercourse Crossing ID	WX3.25
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.25 NGR: NG 78665 21765 Status: Existing Culvert Diameter: 0.8m Culvert Construction Type: circular corrugated metal culvert Watercourse Width: 0.3-1.5m Watercourse Depth: 0.1-0.3m Notes: channel significantly narrower upstream (0.3m) and much wider downstream (1.5m), dry on the date of the survey.</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit from Downstream.	



Watercourse Crossing ID	WX3.26
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.26 NGR: NG 78677 21465 Status: Existing Culvert Diameter: 0.8m Culvert Construction Type: circular corrugated metal culvert Watercourse Width: 0.4m Watercourse Depth: 0.3-1m Notes: channel deeper downstream of the culvert which is partially misshapen at the outfall.</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit from Downstream	

Watercourse Crossing ID	WX3.27
Watercourse Crossing Details	<p>Watercourse Crossing: WX3.27 NGR: NG 78778 22514 Status: Existing Culvert Diameter: 0.6m Culvert Construction Type: circular corrugated metal culvert Watercourse Width: 0.5-1.5m Watercourse Depth: 0.4m Notes: channel becomes more incised into bedrock downstream to form a channel depth of 3m</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit from Downstream	



Section 4	
Watercourse Crossing ID	WX4.1
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.1 NGR: NG 79540 21392 Status: Existing Culvert Diameter: 0.3m Culvert Construction Type: open arch culvert Watercourse Width: 0.5 Watercourse Depth: 0.1m Notes: culvert is rusted, dented and partially blocked with debris.</p>
Photograph Looking at Culvert Entrance Upstream	
Photograph Looking at Culvert Exit from Downstream	


Watercourse Crossing ID	WX4.2
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.2 NGR: NG 79597 21909 Status: Existing Culvert Diameter: 0.5m Culvert Construction Type: circular corrugated metal culvert Watercourse Width: 0.4m Watercourse Depth: 0.5m Notes: none</p>
Photograph Looking at Culvert Upstream	
Photograph Looking at Culvert Exit Downstream.	



Watercourse Crossing ID	WX4.3
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.3 NGR: NG 79643 21976 Status: Existing Culvert Diameter: 0.9m Culvert Construction Type: circular plastic culvert Watercourse Width: 0.4-1m Watercourse Depth: 0.5-1m Notes: channel is deeper and wider downstream, existing culvert appears in good condition</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit from Downstream.	



Watercourse Crossing ID	WX4.4
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.4 NGR: NG 79787 22217 Status: Existing Culvert Diameter: 1.5m Culvert Construction Type: circular plastic culvert Watercourse Width: 0.5-1.5m Watercourse Depth: 0.1m Notes: channel is deeper and wider downstream with boulders and cobbles noted, existing culvert appears in good condition</p>
Photograph Looking at Culvert Entrance from Upstream	 A photograph taken from an upstream perspective looking down a watercourse. The water is turbulent and white with foam as it flows over a rocky bed. On the right side, a black circular culvert pipe is partially visible, embedded in the rocky bank. The surrounding area is lush with green moss and vegetation.
Photograph Looking at Culvert Exit from Downstream.	 A photograph taken from a downstream perspective looking at the exit of the culvert. A black circular pipe is shown discharging water into a grassy area. The water is clear and flows in a small stream. The background shows a wooded area with trees and more vegetation.




Watercourse Crossing ID	WX4.5
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.5 NGR: NG 79899 22360 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: N/A Watercourse Depth: N/A Notes: No watercourse crossing exists; water is instead diverted parallel to the track to WX4.4 where it crosses the existing track</p>
Photograph Looking at Culvert Entrance from Upstream	N/A
Photograph Looking at Culvert Exit from Downstream.	N/A



Watercourse Crossing ID	WX4.6
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.6 NGR: NG 81031 21563 Status: Existing Culvert Diameter: 1 m Culvert Construction Type: plastic circular Watercourse Width: 1 m Watercourse Depth: 0.3 m Notes: Small watercourse incised on bedrock</p>
Photograph Looking at Culvert Entrance from Upstream	 A photograph showing the upstream view of a small watercourse. The water is dark and flows through a narrow channel. The banks are covered in dense, green vegetation, including ferns and tall grasses. The watercourse appears to be incised into the bedrock.
Photograph Looking Downstream	 A photograph showing a downstream view of the watercourse. The water flows through a channel surrounded by dense, green vegetation. In the background, a small red building is visible on a hillside. The watercourse is surrounded by a mix of ferns, grasses, and other plants.




Watercourse Crossing ID	WX4.7
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.7 NGR: NG 81107 21590 Status: Existing Culvert Diameter: 0.4 m Culvert Construction Type: plastic circular Watercourse Width: 0.2 m Watercourse Depth: 0.1 m Notes: Watercourse obstructed with dense vegetation</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.8
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.8 NGR: NG 81212 21659 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 0.3 m Watercourse Depth: 0.1 m Notes: Small watercourse which flows over track with no formal infrastructure</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.9
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.9 NGR: NG 81262 21683 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 1 m Watercourse Depth: 0.2 m Notes: No formal infrastructure noted.</p>
Photograph Upstream	
Photograph Downstream.	



Watercourse Crossing ID	WX4.10
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.10 NGR: NG 81337 21659 Status: Existing Culvert Diameter: N/A Culvert Construction Type: timber single span bridge Watercourse Width: 2.5 m Watercourse Depth: 5 m Notes: Single span bridge reinforced with steel. Bridge is approximately 15m long and 1.5m wide.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	
Photograph of Bridge	



Watercourse Crossing ID	WX4.11
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.11 NGR: NG 81416 21624 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 1.5 m Watercourse Depth: 0.2 m Notes: No formal infrastructure noted. Watercourse incised in bedrock, which becomes more incised upstream and downstream of crossing point.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.12
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.12 NGR: NG 81504 21567 Status: Existing Culvert Diameter: N/A Culvert Construction Type: iron single span bridge Watercourse Width: 3 m Watercourse Depth: 10 m Notes: Single span bridge which is approximately 15 m long and 1.5 m wide.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	
Photograph of Bridge	



Watercourse Crossing ID	WX4.16	
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.16 NGR: NG 88079 12918 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 2 m Watercourse Depth: 0.5 m Notes: Water overflows across track with no formal infrastructure noted</p>	
Photograph Looking Upstream		
Photograph Looking Downstream		



Watercourse Crossing ID	WX4.26	
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.26 NGR: NG 87537 14158 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 1.5 m Watercourse Depth: 0.2 m Notes: Water flows over existing track, no formal infrastructure noted. Watercourse with steady flow incised into bedrock.</p>	
Photograph Looking Upstream		
Photograph Looking Downstream		



Watercourse Crossing ID	WX4.31
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.31 NGR: NG 83708 19741 Status: Existing Culvert Diameter: 0.2 m Culvert Construction Type: concrete circular Watercourse Width: 0.4 m Watercourse Depth: 0.2 m to 1 m deep Notes: Survey approximately 50 m upstream where track crosses small tributary of the Glenmore River. Culvert is covered by dense vegetation. No track noted at crossing location. Glenmore River is approximately 10 m wide and 0.5 m deep at the crossing location.</p>
<p>Photograph Looking at Culvert Entrance from Upstream</p>	
<p>Photograph Looking at Culvert Exit from Downstream.</p>	



Watercourse Crossing ID	WX4.32
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.32 NGR: NG 85158 16174 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 4 m Watercourse Depth: 0.2 m Notes: Wide ford crossing, no formal infrastructure noted</p>
Photograph Looking Upstream	 A photograph showing a small, shallow watercourse crossing a road. The water is brownish and reflects the surrounding green trees and foliage. The crossing appears to be a simple ford with some stones visible in the water.
Photograph Looking Downstream	 A photograph showing a watercourse flowing through a wooded area. The water is clear and reflects the surrounding trees. The crossing is a simple ford with some stones visible in the water.



Watercourse Crossing ID	WX4.33	
<p>Watercourse Crossing Details</p>	<p>Watercourse Crossing: WX4.33 NGR: NG 84955 16346 Status: Existing Culvert Diameter: 0.8 m Culvert Construction Type: corrugate metal Watercourse Width: 0.5 m Watercourse Depth: N/A Notes: Watercourse and crossing heavily vegetated.</p>	
<p>Photograph Looking at Culvert Entrance from Upstream</p>		
<p>Photograph Looking at Culvert Exit from Downstream.</p>		



Watercourse Crossing ID	WX4.35	
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.35 NGR: NG 86270 15935 Status: Existing Culvert Diameter: 0.4 m Culvert Construction Type: stone open span Watercourse Width: 1 m Watercourse Depth: N/A Notes: Heavily vegetated near culvert and along watercourse banks.</p>	
<p>Photograph Looking at Culvert Entrance from Upstream</p>		
<p>Photograph Looking at Culvert Exit from Downstream.</p>		



Watercourse Crossing ID	WX4.36	
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.36 NGR: NG 86953 15919 Status: Existing Culvert Diameter: 0.6 m Culvert Construction Type: corrugated metal Watercourse Width: 1 m Watercourse Depth: N/A Notes: Downstream side has partially corroded and culvert appears partially blocked.</p>	
Photograph Looking at Culvert Entrance from Upstream		
Photograph Looking at Culvert Exit from Downstream.		



Watercourse Crossing ID	WX4.37
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.37 NGR: NG 87335 15876 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 2.5 m Watercourse Depth: 1 m Notes: Large ford crossing with no formal infrastructure noted.</p>
Photograph Looking Upstream	 A photograph showing a rocky watercourse crossing. The water is shallow and flows over a bed of large, grey and brown rocks. The banks are covered in green grass and dense trees and bushes. The view is looking upstream.
Photograph Looking Downstream	 A photograph showing a rocky watercourse crossing from a downstream perspective. The water is turbulent as it flows over the rocky bed. The banks are covered in green grass and dense trees and bushes. A person is visible standing on the right bank in the background. The view is looking downstream.



Watercourse Crossing ID	WX4.38
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.38 NGR: NG 87445 15980 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 3 m Watercourse Depth: 0.5 m Notes: Wide ford crossing with no formal infrastructure noted.</p>
Photograph Looking Upstream	 A photograph showing a rocky streambed in a grassy valley. The water is shallow and flows over a bed of smooth, rounded stones. The surrounding vegetation is lush green, and the background shows rolling hills under a cloudy sky.
Photograph Looking Downstream	 A photograph showing a pool of water surrounded by dense vegetation. The water is dark and still, reflecting the surrounding greenery. The vegetation consists of various shrubs and grasses, and the background shows a grassy slope.



Watercourse Crossing ID	WX4.39
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.39 NGR: NG 87537 14158</p> <p>Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 4 m Watercourse Depth: 1.5 m Notes: Large ford crossing, with no formal infrastructure noted.</p>
Photograph Looking Upstream	 A photograph showing a rocky watercourse crossing in a grassy field. The water is shallow and flows over numerous large, smooth, grey and brown rocks. The surrounding landscape is a lush green hillside with some patches of moss and lichen. A person in a blue jacket is visible in the distance on the right side of the stream.
Photograph Looking Downstream	 A photograph showing a rocky watercourse crossing in a grassy field, looking downstream. The water is shallow and flows over numerous large, smooth, grey and brown rocks. The surrounding landscape is a lush green hillside with some patches of moss and lichen. The sky is overcast and grey.



Watercourse Crossing ID	WX4.40
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.40 NGR: NG 87892 13550 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 1 m Watercourse Depth: 0.3 Notes: Water flows over track, no formal infrastructure noted. Steep watercourse incised in bedrock</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.41	
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.41 NGR: NG 88021 13233 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 2 m Watercourse Depth: 0.3 m Notes: Water flows over existing track, no formal infrastructure noted. Steep watercourse and boulders within the channel.</p>	
Photograph Looking Upstream		
Photograph Looking Downstream		

Watercourse Crossing ID	WX4.42
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.42 NGR: NG 88032 13179 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 2 m Watercourse Depth: 0.4 m Notes: Water flows over existing track, no formal infrastructure noted. Steep watercourse and boulders within the channel.</p>
Photograph Looking Upstream	
Photograph Looking Downstream.	

Watercourse Crossing ID	WX4.43	
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.44 NGR: NG 88056 13057 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 2 m Watercourse Depth: 0.5 m Notes: Water flows over existing track, no formal infrastructure noted. Steep watercourse and boulders within the channel.</p>	
Photograph Looking Upstream		
Photograph Looking Downstream		



Watercourse Crossing ID	WX4.44	
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.44 NGR: NG 88061 12998 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 0.5 m Watercourse Depth: 0.5 m Notes: Water flows over existing track, no formal infrastructure noted. Small reeded watercourse with low flow.</p>	
Photograph Looking Upstream		
Photograph Looking Downstream		


Watercourse Crossing ID	WX4.45	
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.45 NGR: NG 88113 12727 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 1 to 4 m Watercourse Depth: 3 m Notes: Water flows across existing track, no formal infrastructure noted. Photographs taken approximately 200 m upstream on the same watercourse.</p>	
Photograph Looking at Culvert Entrance from Upstream		
Photograph Looking at Culvert Exit from Downstream.		



Watercourse Crossing ID	WX4.54
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.54 NGR: NG 89301 11475 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 1.7 m Watercourse Depth: 0.8 m Notes: Small ford crossing on bedrock. No formal infrastructure noted.</p>
Photograph Looking Upstream	 <p>A photograph showing a person in a blue jacket standing on a rocky path that crosses a small stream. The stream is composed of many dark, wet rocks. The surrounding landscape is green and hilly under a cloudy sky.</p>
Photograph Looking Downstream	 <p>A photograph showing a stream flowing through a rocky bed in a grassy, hilly landscape. The stream is surrounded by green vegetation and large rocks. The background shows rolling hills and a clear sky.</p>



Watercourse Crossing ID	WX4.55
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.55 NGR: NG 90606 10454 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: N/A Watercourse Depth: N/A Notes: Inaccessible during survey</p>
Photograph Looking at Culvert Entrance from Upstream	N/A
Photograph Looking at Culvert Exit from Downstream.	N/A


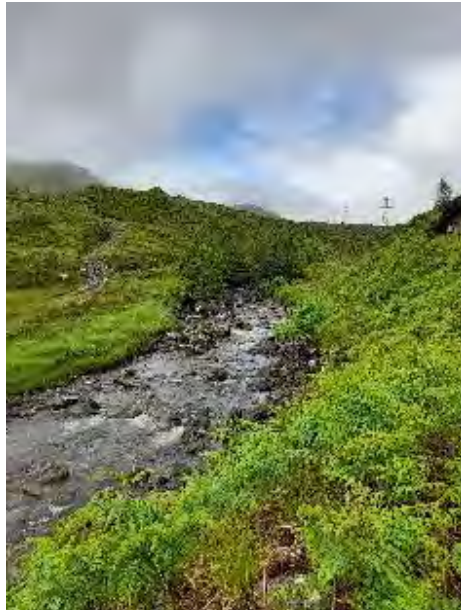
Watercourse Crossing ID	WX4.56
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.56 NGR: NG 90738 10193 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: N/A Watercourse Depth: N/A Notes: Inaccessible during survey</p>
Photograph Looking at Culvert Entrance from Upstream	N/A
Photograph Looking at Culvert Exit from Downstream.	N/A


Watercourse Crossing ID	WX4.58
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.58 NGR: NG 84260 19808 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 3 m Watercourse Depth: 0.3 m Notes: Ford crossing with no formal infrastructure. Channel noted narrower and slightly deeper both upstream and downstream of crossing location</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.59
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.59 NGR: NG 84161 19695 Status: Existing Culvert Diameter: 0.2 m Culvert Construction Type: plastic circular Watercourse Width: 0.3 m Watercourse Depth: 0.3 m Notes: Small watercourse with reeds and long grasses</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit from Downstream.	



Watercourse Crossing ID	WX4.60
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.60 NGR: NG 91750 09659 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 1.5 m Watercourse Depth: 0.2 m Notes: Small ford crossing. No formal infrastructure noted.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.61
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.61 NGR: NG 92411 09085 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 5 m Watercourse Depth: 1 m Notes: Ford crossing no formal infrastructure noted. Watercourse incised in peat.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.62	
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.62 NGR: NG 93306 08689 Status: Existing Culvert Diameter: N/A Culvert Construction Type: timber single span bridge Watercourse Width: 7 m Watercourse Depth: 3 m Notes: Single span bridge reinforced with metal joists. Large meandering river with small ripples in the channel.</p>	
Photograph Looking at Bridge Entrance from Upstream		
Photograph Looking at Bridge Exit from Downstream, taken approximately 50 m downstream		



Watercourse Crossing ID	WX4.63
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.63 NGR: NG 93358 08653 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 7 m Watercourse Depth: 1.5 m Notes: Large ford crossing downstream of large meandering river with little ripples and boulders (same as WX4.62).</p>
Photograph Looking Upstream	
Photograph Looking Downstream	Not available



Watercourse Crossing ID	WX4.64
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.64 NGR: NG 93799 08249 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 4.5 m Watercourse Depth: 0.5 m Notes: Survey taken approximately 100 m upstream of crossing. Watercourse becomes more incised downstream.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	



Watercourse Crossing ID	WX4.65	
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.65 NGR: NG 93927 08201 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 3.5 m Watercourse Depth: 0.5 m Notes: Small incised watercourse. Water flows over track with on formal infrastructure.</p>	
Photograph Looking Upstream		
Photograph Looking Downstream		



Watercourse Crossing ID	WX4.66	
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.66 NGR: NG 94203 07971 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 4 m Watercourse Depth: 0.6 m Notes: Small incised watercourse in bedrock. No formal infrastructure.</p>	
Photograph Looking Upstream		
Photograph Looking Downstream		



Watercourse Crossing ID	WX4.67
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.67 NGR: NG 84032 19632 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 0.4 m Watercourse Depth: 1 m Notes: Small ford crossing with no formal infrastructure. Steep incised watercourse which becomes wider and shallower at crossing location.</p>
Photograph Looking Upstream	 A photograph showing a small, narrow watercourse crossing a road. The water is shallow and flows over a bed of dark, wet rocks. The banks are covered in lush green grass and vegetation. The background shows a dense line of trees and bushes.
Photograph Looking Downstream	 A photograph showing a wider, shallower watercourse crossing a road. The water is dark and flows over a bed of dark, wet rocks. The banks are covered in lush green grass and vegetation. The background shows a dense line of trees and bushes.



Watercourse Crossing ID	WX4.68	
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.68 NGR: NG 94576 07643 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 1.5 m Watercourse Depth: 0.5 m Notes: Small very steep watercourse incised in bedrock. Water flows over track with no formal infrastructure</p>	
Photograph Looking Upstream	 <p>A photograph showing a rocky watercourse flowing through a grassy valley. The water is shallow and flows over a bed of grey and brown rocks. The surrounding hillsides are covered in green grass and some trees are visible in the background.</p>	
Photograph Looking Downstream	 <p>A photograph showing a rocky watercourse flowing through a grassy valley, viewed from a downstream perspective. A power line tower is visible in the background on the right side of the valley. The water flows over a bed of rocks, and the surrounding area is covered in green grass.</p>	



Watercourse Crossing ID	WX4.69	
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.69 NGR: NG 94729 07543 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 3.5 m Watercourse Depth: 0.5 m Notes: Water flows over track with no formal infrastructure.</p>	
Photograph Looking Upstream		
Photograph Looking Downstream		



Watercourse Crossing ID	WX4.70	
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.70 NGR: NG 94839 07478 Status: Existing Culvert Diameter: N/A Culvert Construction Type: stone slabs over watercourse Watercourse Width: 0.5 m Watercourse Depth: 0.5 m Notes: Small stream incised in bedrock which is heavily vegetated</p>	
Photograph Looking Upstream		
Photograph Looking Downstream		



Watercourse Crossing ID	WX4.71	
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.71 NGR: NG 94897 07411 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 3.5 m Watercourse Depth: 1 m Notes: Ford crossing. Watercourse incised in bedrock with steady flow. Fence noted across watercourse immediately downstream of crossing.</p>	
Photograph Looking Upstream		
Photograph Looking Downstream		



Watercourse Crossing ID	WX4.72	
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.72 NGR: NG 95051 07319 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 2.5 m Watercourse Depth: 0.2 m Notes: Water flows over track with no formal infrastructure noted. Most of water is diverted down the track.</p>	
Photograph Looking Upstream		
Photograph Looking Downstream		



Watercourse Crossing ID	WX4.73
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.73 NGR: NG 95093 07305 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 2 m Watercourse Depth: 0.5 m Notes: Small watercourse incised in bedrock with small fence immediately downstream of track crossing.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	

Watercourse Crossing ID	WX4.74
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.74 NGR: NG 95382 07043 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 1.5 m Watercourse Depth: 0.3 m Notes: Water flows over track with no formal infrastructure.</p>
Photograph Looking Upstream	 A photograph showing a watercourse crossing in a grassy field. The water is flowing over a gravelly track. The surrounding area is covered in green grass and some small plants.
Photograph Looking Downstream	 A photograph showing a watercourse crossing in a grassy field. The water is flowing over a gravelly track. The surrounding area is covered in green grass and some small plants.

Watercourse Crossing ID	WX4.75	
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.75 NGR: NG 95452 07002 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 3 m Watercourse Depth: 0.3 m Notes: Water flows over track as a small ford with no formal infrastructure.</p>	
Photograph Looking Upstream		
Photograph Looking Downstream		

Watercourse Crossing ID	WX4.76	
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.76 NGR: NG 95459 06997 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 3 m Watercourse Depth: 0.3 m Notes: Same as WX4.75 as no additional watercourse is not noted.</p>	
Photograph Looking Upstream		
Photograph Looking Downstream		



Watercourse Crossing ID	WX4.77	
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.77 NGR: NG 95616 06871 Status: Existing Culvert Diameter: N/A Culvert Construction Type: stone slabs over watercourse Watercourse Width: 0.5 m Watercourse Depth: 0.5 m Notes: Incised watercourse in bedrock. Crossing is partially blocked on downstream end with large boulders.</p>	
Photograph Looking Upstream		
Photograph Looking at Culvert Exit from Downstream		



Watercourse Crossing ID	WX4.78	
Watercourse Crossing Details	<p>Watercourse Crossing: WX4.78 NGR: NG 95956 06751 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: 8 m Watercourse Depth: 1 m Notes: Large ford over existing track. Watercourse incised into bedrock with large boulders in channel and small waterfall immediately downstream of the crossing.</p>	
Photograph Looking Upstream		
Photograph Looking Downstream		



Watercourse Crossing ID	WX4.79
Watercourse Crossing Details	Watercourse Crossing: WX4.79 NGR: NG 96024 06695 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: N/A Watercourse Depth: N/A Notes: Inaccessible during survey
Photograph Looking at Culvert Entrance from Upstream	N/A
Photograph Looking at Culvert Exit from Downstream.	N/A



Watercourse Crossing ID	WX4.80
Watercourse Crossing Details	Watercourse Crossing: WX4.80 NGR: NG 96039 06564 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: N/A Watercourse Depth: N/A Notes: Inaccessible during survey
Photograph Looking at Culvert Entrance from Upstream	N/A
Photograph Looking at Culvert Exit from Downstream.	N/A



Watercourse Crossing ID	WX4.81
Watercourse Crossing Details	Watercourse Crossing: WX4.81 NGR: NG 96059 06511 Status: Existing Culvert Diameter: N/A Culvert Construction Type: N/A Watercourse Width: N/A Watercourse Depth: N/A Notes: Inaccessible during survey
Photograph Looking at Culvert Entrance from Upstream	N/A
Photograph Looking at Culvert Exit from Downstream.	N/A

Section 5	
Watercourse Crossing ID	WX5.3
Watercourse Crossing Details	<p>Watercourse Crossing: WX5.3 NGR: NH 27567 02750 Status: Existing Culvert Diameter: 0.8m Culvert Construction Type: circular corrugated iron culvert Watercourse Width: 0.2m Watercourse Depth: 0.2m Notes: very small channel, culvert slightly damaged but not blocked, raised at the outfall forming a hydraulic drop, pebbles and cobbles deposited in channel.</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit from Downstream	

Watercourse Crossing ID	WX5.5
Watercourse Crossing Details	<p>Watercourse Crossing: WX5.5 NGR: NH 28420 02034 Status: Existing Culvert Diameter: 1m Culvert Construction Type: corrugated metal culvert Watercourse Width: 0.3m Watercourse Depth: 0.3m Notes: culvert showing corrosion, existing track is located directly on top with little cover between the road level and culvert soffit, no evidence of flooding, pebbles and cobbles deposited in channel</p>
Photograph Looking at Upstream of Culvert	 <p>A photograph showing a narrow, shallow watercourse flowing through a wooded area. The water is dark and appears to be flowing over a rocky or pebbly bed. The banks are covered with dense vegetation, including mosses and ferns, and some bare tree branches are visible in the foreground.</p>
Photograph Looking at Culvert Exit from Downstream	 <p>A photograph showing the exit of a culvert into a watercourse. The culvert is a dark, rectangular opening in the ground, surrounded by dense, overgrown vegetation and tall grasses. The water is flowing out of the culvert into the watercourse below.</p>

Watercourse Crossing ID	WX5.7
Watercourse Crossing Details	<p>Watercourse Crossing: WX5.7 NGR: NH 25014 03005 Status: Existing Culvert Diameter: 0.5m Culvert Construction Type: circular plastic culvert Watercourse Width: 0.3m Watercourse Depth: 1.8m Notes: bed substrate comprised of sand, pebbles and cobbles, some evidence of flooding and a small hydraulic drop on downstream end of culvert (outfall).</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit from Downstream	

Watercourse Crossing ID	WX5.9
Watercourse Crossing Details	<p>Watercourse Crossing: WX5.9 NGR: NH 27071 02880 Status: Existing Culvert Diameter: N/A Culvert Construction Type: wooden bridge Watercourse Width: 1.2m Watercourse Depth: 0.2-0.5m Notes: no evidence of flooding, wooden bridge crossing supported by bricks on the channel bank, some small boulders deposited in channel.</p>
Photograph Looking Upstream	
Photograph Looking Downstream	

Watercourse Crossing ID	WX5.10
Watercourse Crossing Details	<p>Watercourse Crossing: WX5.10 NGR: NH 19927 02456 Status: Existing Culvert Diameter: 0.6m Culvert Construction Type: circular concrete culvert Watercourse Width: 0.5m Watercourse Depth: 0.2-1m Notes: channel incised into bedrock with boulders deposited in the reach, existing culvert appears in good condition, evidence of flooding adjacent to the channel.</p>
Photograph Looking at Culvert Entrance from Upstream	
Photograph Looking at Culvert Exit from Downstream.	

Section 6

There are no existing crossings on existing tracks to be upgraded in Section 6.

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