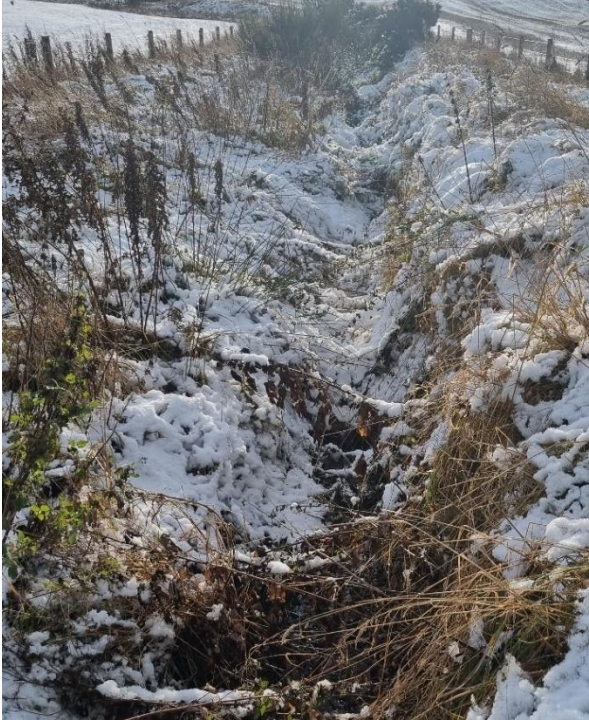


Section E

ID – AH	Unnamed Drain
Description: Drain flows north adjacent to existing farm access track in vegetated channel.	
NGR Ref: 376952 796150	
Photo – Drain further downstream of buffer encroachment	
	
Width of watercourse (m)	1 m
Infrastructure and Ancillary Works Description	Existing Access Track
Temporary or Permanent	Permanent (Existing track)
Width of Buffer Strip Achieved	3 m
Water feature upgradient or downgradient of proposed infrastructure	Downgradient
Main river catchment	River Dee
Within catchment of SAC designated river	Yes (River Dee SAC)
Potential Effect/Comment	Flow path analysis indicates that surface water runoff paths are from the infrastructure towards the drain. Applied Mitigation (ie SuDS) will be included in the design. Surface water runoff will be treated and attenuated.
Additional Mitigation	Additional mitigation (eg silt fences) will be installed between the track and the watercourse to reduce the risk of sediment/silt run-off during construction. Any track widening (if required) will occur at the opposite side of the track to the drain.

Section F

ID – AI	Unnamed Drain
Description: Drain lies adjacent to existing track and is culverted beneath track at one point in culvert of unknown dimension, stone box culvert is vegetated and partially blocked. There is an existing track and proposed new stone temporary track within the riparian buffer of the drain.	
NGR Ref: 376947 801859	
Photo – Drain adjacent to existing track 	Photo – Drain culverted beneath track 
Width of watercourse (m)	0.8 m
Infrastructure and Ancillary Works Description	Access Track
Temporary or Permanent	Existing track (permanent) and proposed new track section (temporary) extending from the existing track
Width of Buffer Strip Achieved	2 m
Water feature upgradient or downgradient of proposed infrastructure	Downgradient
Main river catchment	River Dee
Within catchment of SAC designated river	Yes (River Dee SAC)
Potential Effect/Comment	Flow path analysis indicates that surface water runoff paths are from the infrastructure towards the drain. Applied Mitigation (ie SuDS) will be included in the design. Surface water runoff will be treated and attenuated.
Additional Mitigation	Additional mitigation (eg silt fences) will be installed between the track and the watercourse to reduce the risk of sediment/silt run-off during construction. Any track widening (if required) will occur at the opposite side of the track to the drain.

ID – AJ	Unnamed Drain tributary to Gormack Burn
<u>Description:</u> Unnamed drain flows northeast to Gormack Burn. The drain is wide and directly adjacent to existing track.	
NGR Ref: 374983 804285	
Photo – Drain adjacent to track, looking northeast	
	
Width of watercourse (m)	0.8 m
Infrastructure and Ancillary Works Description	Access Track
Temporary or Permanent	Permanent (Existing track)
Width of Buffer Strip Achieved	1 m
Water feature upgradient or downgradient of proposed infrastructure	Downgradient
Main river catchment	River Dee
Within catchment of SAC designated river	Yes (River Dee SAC)
Potential Effect/Comment	Flow path analysis indicates that surface water runoff paths are from the infrastructure towards the drain. Applied Mitigation (ie SuDS) will be included in the design. Surface water runoff will be treated and attenuated.
Additional Mitigation	Additional mitigation (eg silt fences) will be installed between the track and the watercourse to reduce the risk of sediment/silt run-off during construction. Any track widening (if required) will occur at the opposite side of the track to the watercourse.

ID – AK	Unnamed Drain tributary to Gormack Burn
<u>Description:</u> Unnamed drain flows northeast to Gormack Burn. Drain is highly modified and straightened.	
NGR Ref: 375102 804593	
Photo – Drain, looking northeast	
	
Width of watercourse (m)	1 m
Infrastructure and Ancillary Works Description	Access Track
Temporary or Permanent	Temporary stone track for construction. There is an existing field access track here.
Width of Buffer Strip Achieved	3 m
Water feature upgradient or downgradient of proposed infrastructure	Downgradient
Main river catchment	River Dee
Within catchment of SAC designated river	Yes (River Dee SAC)
Potential Effect/Comment	Flow path analysis indicates that surface water runoff paths are from the infrastructure towards the drain. Applied Mitigation (ie SuDS) will be included in the design. Surface water runoff will be treated and attenuated.
Additional Mitigation	Additional mitigation (eg silt fences) will be installed between the track and the watercourse to reduce the risk of sediment/silt run-off during construction.

ID – AL	Gormack Burn
Description: Gormack Burn flows south adjacent to proposed new stone permanent (operational and maintenance access track only - not for construction). The watercourse channel is wide and well-defined here.	
NGR Ref: 375075 804597	
Photo – Gormack Burn adjacent to proposed track, looking northwest 	
Width of watercourse (m)	2.2 m
Infrastructure and Ancillary Works Description	New Access Track
Temporary or Permanent	Permanent (for operational and maintenance use only)
Width of Buffer Strip Achieved	5 m
Water feature upgradient or downgradient of proposed infrastructure	Downgradient
Main river catchment	River Dee
Within catchment of SAC designated river	Yes (River Dee SAC)
Potential Effect/Comment	Flow path analysis indicates that surface water runoff paths are from the infrastructure towards the watercourse. Applied Mitigation (ie SuDS) will be included in the design. Surface water runoff will be treated and attenuated.
Additional Mitigation	Additional mitigation (eg silt fences) will be installed between the track and the watercourse to reduce the risk of sediment/silt run-off during construction of the track. The track will not be used during construction but will only be used as a maintenance track only.

ID – ALL	Gormack Burn
Description: Gormack Burn flows east adjacent to existing tower proposed for removal, the working area of which encroaches on the watercourse buffer of the Gormack Burn. The watercourse channel is wide and well-defined.	
NGR Ref: 374594 ,804852	
Photo – Gormack Burn downstream of tower removal working area 	
Width of watercourse (m)	2.2 m
Infrastructure and Ancillary Works Description	Tower removal working area
Temporary or Permanent	Temporary
Width of Buffer Strip Achieved	8.5 m
Water feature upgradient or downgradient of proposed infrastructure	Downgradient
Main river catchment	River Dee
Within catchment of SAC designated river	Yes (River Dee SAC)
Potential Effect/Comment	Flow path analysis indicates that surface water runoff paths are from the tower removal working area towards the watercourse Applied Mitigation (ie SuDS) will be included in the design. Surface water runoff will be treated and attenuated.
Additional Mitigation	Additional mitigation (eg silt fences) will be installed between the track and the watercourse to reduce the risk of sediment/silt run-off during construction

ID – AM	Gormack Burn
<u>Description:</u> Gormack Burn flows east adjacent to existing track to be used during construction. The watercourse channel is wide and well-defined.	
NGR Ref: 374274 805017	
Photo – Gormack Burn downstream of buffer encroachment, looking east 	
Width of watercourse (m)	2.4 m
Infrastructure and Ancillary Works Description	Existing access track
Temporary or Permanent	Permanent (Existing track)
Width of Buffer Strip Achieved	3 m
Water feature upgradient or downgradient of proposed infrastructure	Downgradient
Main river catchment	River Dee
Within catchment of SAC designated river	Yes (River Dee SAC)
Potential Effect/Comment	Flow path analysis indicates that surface water runoff paths are from the infrastructure towards the drain. Applied Mitigation (ie SuDS) will be included in the design. Surface water runoff will be treated and attenuated.
Additional Mitigation	Additional mitigation (eg silt fences) will be installed between the track and the watercourse to reduce the risk of sediment/silt run-off during construction. Any track widening (if required) will occur at the opposite side of the track to the watercourse.

ID – AN	Gormack Burn Tributary
Description: Gormack Burn tributary flows south beneath large bridge before turning southeast and flowing directly alongside the existing access track. The watercourse channel is wide and well-defined.	
NGR Ref: 374802 805662	
Photo – Watercourse adjacent to track, looking northwest to bridge 	
Width of watercourse (m)	1.8 m
Infrastructure and Ancillary Works Description	Existing access track
Temporary or Permanent	Permanent (Existing track)
Width of Buffer Strip Achieved	2 m
Water feature upgradient or downgradient of proposed infrastructure	Downgradient
Main river catchment	River Dee
Within catchment of SAC designated river	Yes (River Dee SAC)
Potential Effect/Comment	Flow path analysis indicates that surface water runoff paths are from the infrastructure towards the drain. Applied Mitigation (ie SuDS) will be included in the design. Surface water runoff will be treated and attenuated. Infrastructure is within the 200 year plus climate change floodplain.
Additional Mitigation	Additional mitigation (eg silt fences) will be installed between the track and the watercourse to reduce the risk of sediment/silt run-off during construction. Any track widening (if required) will occur at the opposite side of the track to the watercourse.

ID – AO	Gormack Burn Tributary
<u>Description:</u> Gormack Burn tributary flows south beneath bridge culvert towards another larger bridge crossing further downstream in a straightened channel	
NGR Ref: 374575 805884	
Photo – Tributary channel 	
Width of watercourse (m)	1.6 m
Infrastructure and Ancillary Works Description	Existing Access Track
Temporary or Permanent	Permanent (Existing track)
Width of Buffer Strip Achieved	2.0 m
Water feature upgradient or downgradient of proposed infrastructure	Downgradient
Main river catchment	River Dee
Within catchment of SAC designated river	Yes (River Dee SAC)
Potential Effect/Comment	Flow path analysis indicates that surface water runoff paths are from the infrastructure towards the drain. Applied Mitigation (ie SuDS) will be included in the design. Surface water runoff will be treated and attenuated. Infrastructure is within the 200 year plus climate change floodplain
Additional Mitigation	Additional mitigation (eg silt fences) will be installed between the track and the watercourse to reduce the risk of sediment/silt run-off during construction. Any track widening (if required) will occur at the opposite side of the track to the watercourse.

ID – AP	Unnamed Drain
<u>Description:</u> Unnamed drain flows east adjacent to existing access track in wide channel.	
NGR Ref: 373777 807410	
Photo – Drain viewed looking east	
	
Width of watercourse (m)	0.9 m
Infrastructure and Ancillary Works Description	Existing Access Track
Temporary or Permanent	Permanent (Existing track)
Width of Buffer Strip Achieved	1 m
Water feature upgradient or downgradient of proposed infrastructure	Downgradient
Main river catchment	River Dee
Within catchment of SAC designated river	Yes (River Dee SAC)
Potential Effect/Comment	Flow path analysis indicates that surface water runoff paths are from the infrastructure towards the drain. Applied Mitigation (ie SuDS) will be included in the design. Surface water runoff will be treated and attenuated.
Additional Mitigation	Additional mitigation (eg silt fences) will be installed between the track and the watercourse to reduce the risk of sediment/silt run-off during construction. Any track widening (if required) will occur at the opposite side of the track to the drain.

ID – AQ	Unnamed Drain
Description: Unnamed drain flows east adjacent to track, originates from wall, likely upwelling from well to west from either field drain or groundwater.	
NGR Ref: 374394 808398	
Photo – Drain flowing east through woodland 	Photo – water upwelling 
Width of watercourse (m)	0.5 m
Infrastructure and Ancillary Works Description	Existing Access Track
Temporary or Permanent	Permanent (Existing track)
Width of Buffer Strip Achieved	5 m
Water feature upgradient or downgradient of proposed infrastructure	Downgradient
Main river catchment	River Dee
Within catchment of SAC designated river	Yes (River Dee SAC)
Potential Effect/Comment	Flow path analysis indicates that surface water runoff paths are from the infrastructure towards the drain. Applied Mitigation (ie SuDS) will be included in the design. Surface water runoff will be treated and attenuated.
Additional Mitigation	Additional mitigation (eg silt fences) will be installed between the track and the watercourse to reduce the risk of sediment/silt run-off during construction. Any track widening (if required) will occur at the opposite side of the track to the watercourse.

ID – AR	Unnamed Drain
<u>Description:</u> Unnamed drain flows north towards A944 road. Existing track runs alongside drain, which will be used for construction.	
NGR Ref: 374212 809261	
Photo – Drain viewed looking south	
	
Width of watercourse (m)	0.6 m
Infrastructure and Ancillary Works Description	Existing Access Track
Temporary or Permanent	Permanent (Existing track)
Width of Buffer Strip Achieved	6 m
Water feature upgradient or downgradient of proposed infrastructure	Downgradient
Main river catchment	River Dee
Within catchment of SAC designated river	Yes (River Dee SAC)
Potential Effect/Comment	Flow path analysis indicates that surface water runoff paths are from the infrastructure towards the drain. Applied Mitigation (ie SuDS) will be included in the design. Surface water runoff will be treated and attenuated.
Additional Mitigation	Additional mitigation (eg silt fences) will be installed between the track and the watercourse to reduce the risk of sediment/silt run-off during construction. Any track widening (if required) will occur at the opposite side of the track to the watercourse.