
Intra Project Cumulative Effects Screening Assessment

The Yorkshire and Humber (CCS Cross Country Pipeline) Development Consent Order

*Under Regulation 5(2)(a) of the Infrastructure Planning
(Applications: Prescribed Forms and Procedure)
Regulations 2009*

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
River Ouse	Chapter 6 Water Resources and Flood Risk	Temporary effects from silt laden runoff, chemical spillages, pollution due to herbicides, hydrostatic testing, inappropriate disposal of foul water, re routing and reinstating agricultural drainage	Neutral	Only one chapter has identified residual effects on this receptor, both of which are neutral therefore there is no potential for intra-project effects on the River Ouse.
		Long term morphological effects associated with reinstatement of drainage	Neutral	
Carr Dike / Lendall Drain	Chapter 6 Water Resources and Flood Risk	Temporary effects from silt laden runoff, chemical spillages, pollution due to herbicides, inappropriate disposal of foul water, re routing and reinstating agricultural drainage	Neutral	Only one chapter has identified residual effects on this receptor both of which are neutral therefore there is no potential for intra-project effects on this receptor.
		Long term morphological effects associated with reinstatement of drainage	Neutral	
Willow Row Drain	Chapter 6 Water Resources and Flood Risk	Temporary effects from silt laden runoff, chemical spillages, pollution due to herbicides, inappropriate disposal of foul water, re routing and reinstating agricultural drainage	Neutral	Only one chapter has identified residual effects on this receptor which are both neutral therefore there is no potential for intra-project effects on this receptor.
		Long term morphological effects associated with reinstatement of drainage	Neutral	
River Foulness	Chapter 6 Water Resources and Flood Risk	Temporary effects from silt laden runoff, chemical spillages, pollution due to herbicides, inappropriate disposal of foul water, re routing and reinstating agricultural drainage	Neutral	Only one chapter has identified residual effects on this receptor both of which are neutral therefore there is no potential for intra-project effects on this receptor.
		Long term morphological effects associated with reinstatement of drainage	Neutral	
DX 4/1 / DX 7/3, Lowfield Drain, Fields Drain, PDX 1, DX 8/8, Asselby Marsh Drain, New Drain, Black Dyke, drain north of North	Chapter 6 Water Resources and Flood Risk	Temporary effects from silt laden runoff, chemical spillages, pollution due to herbicides, inappropriate disposal of foul water, re routing and reinstating	Neutral	Only one chapter has identified residual effects on these receptors which are neutral therefore there is no potential for intra-project effects on these

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Howden, drain northeast of North Howden, DX 13/3, DX 13/4, DX 14/1, drain south of Skiff Farm, DX 16/1, DX 17/1, DX 17/3, Back Delfin, DX 37/6, drain east of White Dike, Gransmoor Drain, DX 39/1, Burton Drain, drain north of Hamiltonhill Farm, DX 39/3a (drain south of Sands Road), drain west of Watermill Grounds and drain north of Watermill Grounds		agricultural drainage		receptors.
		Long term morphological effects associated with open cut crossings.	Neutral	
		Long term morphological effects associated with reinstatement of drainage	Neutral	
Field drain on western boundary / south of Skiff Farm (Tollingham Block Valve TCA)	Chapter 6 Water Resources and Flood Risk	Long term effects from pollutants contained in heightened surface water runoff from Tollingham Block Valve	Neutral	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
Field drain on western and southern boundary (Drax PIG Trap) Field drain on southern and eastern boundary (Drax PIG Trap TCA) Field drain on eastern boundary (Camblesforth Multi-junction) Field drain on southern and western boundary (Camblesforth Multi-junction TCA) Thorlam Drain on eastern boundary (Tollingham Block Valve),	Chapter 6 Water Resources and Flood Risk	Long term effects from pollutants contained in heightened surface water runoff from the AGI Sites.	Neutral	Only one chapter has identified residual effects on these receptors which are neutral therefore there is no potential for intra-project effects on these receptors.
Market Weighton Canal	Chapter 6 Water Resources and Flood Risk	Temporary effects from silt laden runoff, chemical spillages, pollution due to herbicides, inappropriate disposal of foul water, re routing and reinstating agricultural drainage	Neutral	Only one chapter has identified a residual effect on this receptor which is neutral therefore there is no potential for intra-project effects on this receptor.

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Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
Bracken Beck	Chapter 6 Water Resources and Flood Risk	Temporary effects from silt laden runoff, chemical spillages, pollution due to herbicides, inappropriate disposal of foul water, re routing and reinstating agricultural drainage	Neutral	Only one chapter has identified a residual effect on this receptor which is neutral therefore there is no potential for intra-project effects on this receptor.
		Long term morphological effects associated with reinstatement of drainage	Neutral	
Northfield Beck	Chapter 6 Water Resources and Flood Risk	Temporary effects from silt laden runoff, chemical spillages, pollution due to herbicides, inappropriate disposal of foul water, re routing and reinstating agricultural drainage	Neutral	Only one chapter has identified residual effects on this receptor both of which are neutral therefore there is no potential for intra-project effects on this receptor.
		Long term morphological effects associated with reinstatement of drainage	Neutral	
Knorka Dike	Chapter 6 Water Resources and Flood Risk	Temporary effects from silt laden runoff, chemical spillages, pollution due to herbicides, inappropriate disposal of foul water, re routing and reinstating agricultural drainage	Neutral	Only one chapter has identified residual effects on this receptor both of which are neutral therefore there is no potential for intra-project effects on this receptor.
		Long term morphological effects associated with open cut crossings.	Neutral	
		Long term morphological effects associated with reinstatement of drainage	Neutral	
Gypsy Race	Chapter 6 Water Resources and Flood Risk	Temporary effects from silt laden runoff, chemical spillages, pollution due to herbicides, inappropriate disposal of foul water, re routing and reinstating agricultural drainage	Neutral	Only one chapter has identified a residual effect on this receptor which is neutral therefore there is no potential for intra-project effects on this receptor.
Field drains north and east of site (Skerne Block Valve and TCA)	Chapter 6 Water Resources and Flood Risk	Long term effects from pollutants contained in heightened surface water runoff from Skerne Block Valve.	Neutral	Only one chapter has identified residual effects on these receptors which are neutral therefore there is no potential for intra-project effects on these receptors.

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Main Drain	Chapter 6 Water Resources and Flood Risk	Temporary effects from silt laden runoff, chemical spillages, pollution due to herbicides, inappropriate disposal of foul water, re routing and reinstating agricultural drainage	Neutral	Only one chapter has identified residual effects on this receptor both of which are neutral therefore there is no potential for intra-project effects on this receptor.
		Long term morphological effects associated with reinstatement of drainage	Neutral	
River Hull	Chapter 6 Water Resources and Flood Risk	Temporary effects from silt laden runoff, chemical spillages, pollution due to herbicides, inappropriate disposal of foul water, re routing and reinstating agricultural drainage	Neutral	Three ES Chapters have identified residual effects on this receptor therefore this has been considered in the intra-projects cumulative effects assessment.
		Long term morphological effects associated with reinstatement of drainage	Neutral	
	Chapter 9 Ecology and Nature Conservation	Disturbance of faunal species associated with the SSSI designation	Slight adverse	
		Pollution of the watercourse	Slight adverse	
Chapter 12 Air Quality	Dust effects may occur during the earthworks associated with the construction phase and track out. This may lead to potential nuisance effects at dust deposition and soiling of surfaces. Crop damage may also occur as a result of dust deposition.	Neutral		
Driffield Canal	Chapter 6 Water Resources and Flood Risk	Temporary effects from silt laden runoff, chemical spillages, pollution due to herbicides, inappropriate disposal of foul water, re routing and reinstating agricultural drainage	Neutral	Only one chapter has identified residual effects on this receptor both of which are neutral therefore there is no potential for intra-project effects on this receptor.
		Long term morphological effects associated with reinstatement of drainage	Neutral	
Nafferton Highland Stream	Chapter 6 Water Resources and	Temporary effects from silt laden runoff, chemical spillages, pollution due to	Neutral	Only one chapter has identified residual effects on this receptor both of which are neutral therefore

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	Flood Risk	herbicides, inappropriate disposal of foul water, re routeing and reinstating agricultural drainage		there is no potential for intra-project effects on this receptor.
		Long term morphological effects associated with reinstatement of drainage	Neutral	
White Dike	Chapter 6 Water Resources and Flood Risk	Temporary effects from silt laden runoff, chemical spillages, pollution due to herbicides, inappropriate disposal of foul water, re routeing and reinstating agricultural drainage	Neutral	Only one chapter has identified residual effects on this receptor both of which are neutral therefore there is no potential for intra-project effects on this receptor.
		Long term morphological effects associated with reinstatement of drainage	Neutral	
Kelk Beck	Chapter 6 Water Resources and Flood Risk	Temporary effects from silt laden runoff, chemical spillages, pollution due to herbicides, inappropriate disposal of foul water, re routeing and reinstating agricultural drainage	Neutral	Three ES Chapters have identified residual effects on this receptor therefore this has been considered in the intra-projects cumulative effects assessment.
		Long term morphological effects associated with reinstatement of drainage	Neutral	
	Chapter 9 Ecology and Nature Conservation	Disturbance of faunal species associated with the SSSI designation	Slight adverse	
		Pollution of the watercourse	Slight adverse	
	Chapter 12 Air Quality	Dust effects may occur during the earthworks associated with the construction phase and track out. This may lead to potential nuisance effects at dust deposition and soiling of surfaces. Crop damage may also occur as a result of dust deposition.	Neutral	
Earl's Dyke	Chapter 6 Water Resources and Flood Risk	Temporary effects from silt laden runoff, chemical spillages, pollution due to herbicides, inappropriate disposal of foul water, re routeing and reinstating	Neutral	Only one chapter has identified residual effects on this receptor which are neutral therefore there is no potential for intra-project effects on this receptor.

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
		agricultural drainage		
		Long term effects from pollutants containing in heightened surface water runoff from Barmston Pumping Station	Neutral	
		Long term effects from leaks from Barmston Pumping Station site welfare facilities	Neutral	
		Long term effects from spills or leaks of chemicals / oils stored on site at Barmston Pumping Station	Neutral	
Other minor field drains / watercourses	Chapter 6 Water Resources and Flood Risk	Temporary effects from silt laden runoff, chemical spillages, pollution due to herbicides, inappropriate disposal of foul water, re routing and reinstating agricultural drainage	Neutral	Only one chapter has identified residual effects on these receptors which are neutral therefore there is no potential for intra-project effects on these receptors.
		Long term morphological effects associated with open cut crossings.	Neutral	
		Long term morphological effects associated with reinstatement of drainage	Neutral	
Field drain in centre of Barmston Pumping Station site / DX 39/3a (south to north) (drain south of Sands Road), field drain on southern boundary of Barmston Pumping Station site (drain north of Hamiltonhill Farm)	Chapter 6 Water Resources and Flood Risk	Long term effects from pollutants containing in heightened surface water runoff from Barmston Pumping Station	Neutral	Only one chapter has identified residual effects on these receptors which are neutral therefore there is no potential for intra-project effects on these receptors.
		Long term effects from leaks from Barmston Pumping Station site welfare facilities	Neutral	
		Long term effects from spills or leaks of chemicals / oils stored on site at Barmston Pumping Station	Neutral	
Field drain in centre (south to north) of Barmston Pumping Station site / DX 39/3a (drain south of Sands Road)	Chapter 6 Water Resources and Flood Risk	Long term effect from drain maintenance and enhancement.	Minor Beneficial	
South Yorkshire and Lincolnshire	Chapter 6 Water	Temporary effects from silt-laden runoff,	Neutral	Only one chapter has identified residual effects on

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Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
coastal water body	Resources and Flood Risk	chemical spillages, disposal of foul waste water and scour from sediment trapping.		this receptor which is neutral therefore there is no potential for intra-project effects on this receptor
People, Property, Infrastructure and Ecosystems	Chapter 6 Water Resources and Flood Risk	Fluvial Flooding	Minor Temporary Adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on this receptor.
			Minor Permanent Adverse	
		Flooding from crossing flood defences on the River Ouse	Minor Temporary Adverse	
		Land Drain Flooding	Minor Temporary adverse	
			Minor Permanent adverse	
		Flooding from artificial water bodies	Minor Temporary adverse	
			Minor Permanent adverse	
		Pluvial Flooding	Minor Temporary adverse	
			Minor Permanent adverse	
		Loss of Floodplain storage	Minor Temporary adverse	
			Minor Permanent adverse	
		Flooding from Sewers and Mains	Minor Temporary Adverse	
Watercourse crossing	Minor Temporary Adverse			
Flooding from crossing flood defences on White Dyke and Kelk Beck	Minor Temporary Adverse			
Groundwater flooding	Minor temporary adverse			
	Minor Permanent adverse			
Solid and Drift Geology (except Goodmanham Channel)	Chapter 7 Geology, Hydrogeology and Ground Conditions	Chemical spillages and leaks to ground from plant and machinery and from chemicals and other contaminants stored on site.	Neutral	Only one chapter has identified residual effects on this receptors both of which are neutral therefore there is no potential for intra-project effects on this receptor.
		Ground pollution due to the use of herbicides during site clearance.	Neutral	
Glaciolacustrine deposits underlain by Sherwood	Chapter 7 Geology,	Chemical spillages and leaks to ground from plant and machinery and from chemicals	Neutral	Only one chapter has identified residual effects on this receptor all of which are neutral therefore there

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Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
Sandstone	Hydrogeology and Ground Conditions	and other contaminants stored on site.		is no potential for intra-project effects on this receptor.
		Ground pollution due to the use of herbicides during site works	Neutral	
		Import of building materials	Neutral	
Burnham Chalk	Chapter 7 Geology, Hydrogeology and Ground Conditions	Chemical spillages and leaks to ground from plant and machinery and from chemicals and other contaminants stored on site.	Neutral	Only one chapter has identified residual effects on this receptor which are all neutral therefore there is no potential for intra-project effects on this receptor.
		Ground pollution due to the use of herbicides during site works	Neutral	
		Import of building materials	Neutral	
Glacial Till deposits underlain by Flamborough Chalk Formation	Chapter 7 Geology, Hydrogeology and Ground Conditions	Chemical spillages and leaks to ground from plant and machinery and from chemicals and other contaminants stored on site.	Neutral	Only one chapter has identified residual effects on this receptor all of which are neutral therefore there is no potential for intra-project effects on this receptor.
		Ground pollution due to the use of herbicides during site works	Neutral	
		Import of building materials	Neutral	
Alluvium deposits underlain by Rowe Chalk	Chapter 7 Geology, Hydrogeology and Ground Conditions	Chemical spillages and leaks to ground from plant and machinery and from chemicals and other contaminants stored on site.	Neutral	Only one chapter has identified residual effects on this receptor all of which are neutral therefore there is no potential for intra-project effects on this receptor.
		Ground pollution due to the use of herbicides during site works	Neutral	
		Import of building materials	Neutral	
		Chemical spillages and leaks from storage of fuels and other chemical during operation	Neutral	
Soils	Chapter 7 Geology, Hydrogeology and Ground Conditions	Disturbance of potentially contaminated soils posing a potential risk to soils and geology	Neutral	Only one chapter has identified residual effects on this receptor all of which are neutral therefore there is no potential for intra-project effects on this receptor.
		Import of construction materials	Neutral	
		Changes in soil structure and reduction of	Neutral	

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Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
		soil quality due to compaction or erosion during storage.		
		Compaction of subsoil due to construction vehicle movements degrading soil quality and causing potential water logging.	Neutral	
		Requirement of dewatering reducing flow to groundwater abstractions and surface water bodies, and changes to soil hydrology.	Minor adverse	
Human Health	Chapter 7 Geology, Hydrogeology and Ground Conditions	Disturbance of potentially contaminated soils posing a potential risk to the health of construction workers.	Neutral	Only one chapter has identified residual effects on this receptor which is neutral therefore there is no potential for intra-project effects on this receptor.
Regionally important Geological Site at Goodmanham Channel	Chapter 7 Geology, Hydrogeology and Ground Conditions	Direct disturbance of geologically important sites.	Minor Adverse	Only one chapter has identified residual effects on this receptor which is neutral therefore there is no potential for intra-project effects on this receptor.
Principal aquifers (Sherwood Sandstone) (Burnham Chalk) (Flamborough Chalk Formation) (Rowe Chalk) Secondary A Aquifer (Glaciolacustrine deposits) (Alluvium deposits) and Source Protection Zones	Chapter 7 Geology, Hydrogeology and Ground Conditions	Chemical spillages and leaks to ground and groundwater from plant and machinery, and from chemicals and other contaminants stored on site.	Minor Adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
		Groundwater pollution due to use of herbicides during site works	Minor adverse – neutral	
		Compaction of subsoil due to construction vehicle movements and degrading of soil quality and water logging	Minor Adverse	
		Import of building materials causing contamination of groundwater.	Minor adverse – neutral	
		Disturbance of potentially contaminated soils posing a potential risk to groundwater	Minor adverse	

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Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
		Requirement for dewatering, reducing flow to groundwater abstractions and surface water bodies and changes to soil hydrology	Minor adverse	
Intertidal substrates	Chapter 7 Geology, Hydrogeology and Ground Conditions	Temporally excavated intertidal substrates for the cofferdam.	Negligible	Only one chapter has identified residual effects on this receptors which is neutral therefore there is no potential for intra-project effects on this receptor
Intertidal physical processes	Chapter 7 Geology, Hydrogeology and Ground Conditions	Cofferdam has the potential to temporarily interrupt longshore drift for up to six months	Negligible	Only one chapter has identified residual effects on this receptor which is neutral therefore there is no potential for intra-project effects on this receptor.
Land take	Chapter 8 Land Use and Agriculture	Land lost to agricultural production either temporary or permanent	Minor adverse	Two ES Chapters have identified residual effects on this receptor therefore this has been considered in the intra-projects cumulative effects assessment
	Chapter 9 Ecology and Nature Conservation	Permanent loss of arable habitat from the construction of the AGIs	Slight adverse	
	Chapter 9 Ecology and Nature Conservation	Creation of new habitat areas to replace existing habitat in the form of new planting around AGI sites	Slight beneficial	
Farming Practices including farm buildings and environmental stewardship schemes	Chapter 8 Land Use and Agriculture	Disturbance to habitats for environmental schemes due to construction and re-instatement. Changes to rotations and income streams caused by construction due to land take severance and access issues	Minor Adverse	Two ES Chapters have identified residual effects on this receptor therefore this has been considered in the intra-projects cumulative effects assessment
	Chapter 12 Air Quality	Dust effects may occur during the earthworks associated with the construction phase. Crop damage may also occur as a result of dust deposition.	Neutral	

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Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
Economic effects	Chapter 8 Land Use and Agriculture	Possible long term effect on income due to land loss. Reduced production due to land disturbance from the pipeline construction	Minor adverse overall but affected owners with very high sensitivity could face moderate adverse impacts	Only one chapter has identified residual effects on this receptor which is neutral therefore there is no potential for intra-project effects on this receptor
River Derwent SSSI	Chapter 9 Ecology and Nature Conservation	Effects on the SSSI habitat via changes in water quality and hydrology of connecting watercourses	Negligible	Only one chapter has identified residual effects on this receptor which is neutral therefore there is no potential for intra-project effects on this receptor.
Barn hill Meadows SSSI	Chapter 9 Ecology and Nature Conservation	Effects on the SSSI habitat via changes in water quality and hydrology of connecting watercourses	Slight adverse	Two ES Chapters have identified residual effects on this receptor therefore this has been considered in the intra-projects cumulative effects assessment
	Chapter 12 Air Quality	Dust effects may occur during the earthworks associated with the construction phase and track out. This may lead to potential nuisance effects at dust deposition and soiling of surfaces. Crop damage may also occur as a result of dust deposition.	Neutral	
South Cliffe Common SSSI	Chapter 9 Ecology and Nature Conservation	Effects on the SSSI habitat via changes in water quality and hydrology of connecting watercourses	Slight adverse	Only one chapter has identified residual effects on this receptor which therefore there is no potential for intra-project effects on this receptor.
Brockholes SINC	Chapter 9 Ecology and Nature Conservation	Indirect effect on the lake (and aquatic ecology) from accidental spillages and silt laden runoff	Slight adverse	Only one chapter has identified residual effects on this receptor which therefore there is no potential for intra-project effects on this receptor.
Brindley's Wood Candidate LWS	Chapter 9 Ecology and Nature Conservation	Loss of trees to facilitate construction of the Pipeline	Negligible adverse	Only one chapter has identified residual effects on this receptor which therefore there is no potential for intra-project effects on this receptor.
		Damage to retained trees from severance of roots, compaction of the soil, or exclusion of air and water to the soil	Negligible adverse	

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Rushwood Featherbed Lane Common and Drain, Dishopsoil Drain Candidate LWS	Chapter 9 Ecology and Nature Conservation	Loss of trees to facilitate pipeline construction	Negligible adverse	Two ES Chapters have identified residual effects on this receptor therefore this has been considered in the intra-projects cumulative effects assessment
		Damage to retained trees from severance of roots, compaction of the soil, or exclusion of air and water to the soil	Negligible adverse	
		Temporary loss and severance of drain habitat	Negligible adverse	
		Pollution of the drain habitat from spillages, silt laden run-off and dust	Neutral	
	Chapter 6 Water resources and flood risk	Temporary effects from silt laden runoff, chemical spillages, pollution due to herbicides, inappropriate disposal of foul water, re routing and reinstating agricultural drainage	Neutral	
		Long term morphological effects associated with open cut crossings.	Neutral	
Etton to Gardham Disused Railway LWS	Chapter 9 Ecology and Nature Conservation	Temporary loss of grassland and scrub habitat	Negligible adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
		Damage of retained trees / scrub during construction	Negligible adverse	
Granny's Attic Railway LWS	Chapter 9 Ecology and Nature Conservation	Damage to retained trees and scrub from severance of roots, compaction of the soil, or exclusion of air and water to the soil	Negligible adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
Bracken Beck Wood Candidate LWS	Chapter 9 Ecology and Nature Conservation	Damage to retained trees and scrub from severance of roots, compaction of the soil, or exclusion of air and water to the soil	Negligible adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
Copper Hall Wood Candidate	Chapter 9	Damage to retained trees and scrub from	Negligible adverse	Only one chapter has identified residual effects on

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Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
LWS	Ecology and Nature Conservation	severance of roots, compaction of the soil, or exclusion of air and water to the soil		this receptor therefore there is no potential for intra-project effects on this receptor.
Barff Hill Wood Candidate LWS	Chapter 9 Ecology and Nature Conservation	Damage to retained trees and scrub from severance of roots, compaction of the soil, or exclusion of air and water to the soil	Negligible adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
Foston Fox Covert Heronry LWS	Chapter 9 Ecology and Nature Conservation	Temporary disturbance of nesting grey heron during construction	Negligible adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
Snakeholme pastures YWT Nature Reserve	Chapter 9 Ecology and Nature Conservation	Indirect effects on YWT reserve habitat (grassland) from accidental spillages, silt laden runoff and dust	Negligible adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
Arable land and improved grassland	Chapter 9 Ecology and Nature Conservation	Temporary loss of semi improved grassland habitat	Negligible adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
Semi-improved grassland	Chapter 9 Ecology and Nature Conservation	Temporary loss of semi-improved grassland habitat	Negligible adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
Unimproved grassland (and scrub)	Chapter 9 Ecology and Nature Conservation	Temporary loss of grassland and scrub	Negligible adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
Woodland and Trees	Chapter 9 Ecology and Nature Conservation	Temporary loss of woodland habitat	Negligible adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
	Chapter 9 Ecology and	Temporary loss of individual trees (including pruning/lopping)	Negligible adverse	

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	Nature Conservation			
	Chapter 9 Ecology and Nature Conservation	Damage to retained trees from severance of roots, compaction of the soil, or exclusion of air and water to the soil	Negligible adverse	
Hedgerows	Chapter 9 Ecology and Nature Conservation	Temporary loss and severance of hedgerows	Slight adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
		Planting of new hedgerow at AGI sites	Slight beneficial	
Standing water habitat (ponds lakes canals)	Chapter 9 Ecology and Nature Conservation	Indirect effects on ponds from accidental spillages, silt laden runoff and dust	Slight adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
Running Water (Main Rivers and WFD designated; and Streams, becks and drains - Non designated)	Chapter 9 Ecology and Nature Conservation	Temporary loss of and severance of riparian habitat	Negligible adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
		Temporary disturbance of benthic environment	Negligible adverse	
		Reduction in water quality from accidental spillages, silt laden run-off and dust	Neutral	
Invasive plant species	Chapter 9 Ecology and Nature Conservation	Disturbance and spread of invasive plant material during construction phase	Not applicable	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
Maritime cliff and slope	Chapter 9 Ecology and Nature Conservation	There will be no direct excavation of the cliff , however there could be damage due to vibration effects.	Neutral	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
Fen, Marsh and Bog	Chapter 9 Ecology and Nature	There will be no direct effects upon the marsh habitat, although there	Negligible	Only one chapter has identified residual effects on this receptor therefore there is no potential for

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	Conservation			intra-project effects on this receptor.
Littoral Coarse Sand.	Chapter 9 Ecology and Nature Conservation	Direct temporary loss through excavation within pit and cofferdam.	Negligible	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
Badger	Chapter 9 Ecology and Nature Conservation	Temporary disturbance of badgers occupying a sett	Negligible adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
		Temporary severance of habitat	Slight adverse	
		Direct effects (damage/destruction) upon an active badger sett.	Slight adverse	
Bats – Roosting	Chapter 9 Ecology and Nature Conservation	Direct effect on bats and bat roosts	Slight adverse – negligible adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
		Loss of potential roosting features	Slight adverse – negligible adverse	
		Disturbance of bats whilst occupying a roost	Negligible adverse	
Bats – Foraging and Commuting	Chapter 9 Ecology and Nature Conservation	Temporary loss of foraging and commuting habitat	Negligible adverse – slight beneficial	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
		Temporary disturbance, fragmentation and isolation during construction of the AGI sites	Negligible adverse	
		Increased disturbance during operation including operation of small wind turbine at the AGI sites (excluding Barmston)	Neutral	
Water Vole	Chapter 9 Ecology and Nature Conservation	Direct killing and injury of water vole and loss of water vole burrows	Slight adverse –negligible adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
		Temporary disturbance of water vole whilst occupying a burrow	Negligible adverse	
		Temporary loss of bank side and marginal/aquatic habitat	Slight adverse – Negligible adverse	
		Temporary severance of habitat	Slight adverse – negligible	

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Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
			adverse	
		Temporary disturbance of water vole habitat during construction in adjacent areas	Slight adverse	
		Permanent loss of bank side and marginal / aquatic habitat associated with the internal access roads at Barmston Pumping Station	Slight adverse	
Otter	Chapter 9 Ecology and Nature Conservation	Direct effects on otter holts/couch sites	Neutral	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
		Temporary loss of riparian habitat	Negligible adverse	
		Temporary disturbance of otter due to construction activities close to watercourses	Slight adverse	
		Effect on food source for otter	Negligible adverse	
		Increased disturbance during the operation of Drax PIG Trap	Neutral	
Great Crested Newt	Chapter 9 Ecology and Nature Conservation	Temporary disturbance to great crested newt non breeding aquatic habitat – Brind population	Slight adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
		Temporary partial loss of great crested newt terrestrial habitat	Negligible adverse	
		Increased risk of mortality and injury of great crested newt	Neutral	
		Indirect disturbance during construction due to temporary severance of habitat	Slight adverse	
		Partial temporary loss of small areas of great crested newt habitat during completion of drainage works within the Flexible Drainage Areas	Slight adverse	
Reptiles	Chapter 9 Ecology and Nature	Increased risk of mortality of grass snake	Neutral	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
		Increased risk of mortality of reptiles (at Driffeld Construction Compound)	Neutral	

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
	Conservation	Temporary loss of and severance of foraging and shelter habitat	Negligible adverse	
		Temporary disturbance during construction	Negligible adverse	
Fish (and spawning habitats)	Chapter 9 Ecology and Nature Conservation	Effect of construction activity adjacent to main migratory watercourses	Slight adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
Brown Hare	Chapter 9 Ecology and Nature Conservation	Temporary loss of brown hare habitat during construction	Negligible adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
		Disturbance to brown hare during construction.	??	
Non-breeding Humber Estuary SPA Qualifying Species – Golden Plover and Lapwing	Chapter 9 Ecology and Nature Conservation	Temporary loss of habitat	Negligible adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
		Temporary disturbance	Negligible adverse	
		Permanent loss of habitat	Negligible adverse	
		Permanent disturbance during the operation of the AGIs	Negligible adverse	
BoCC Red Listed Farmland Bird Breeding Bird Assemblage	Chapter 9 Ecology and Nature Conservation	Potential for destruction/damage to nests	Neutral	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
		Temporary loss of nesting and foraging habitat	Slight adverse	
		Temporary disturbance	Neutral	
		Permanent loss of habitat	Slight adverse	
		Permanent disturbance during the operation of the AGIs	Negligible adverse	
BoCC Red Listed Farmland Bird Wintering Bird Assemblage	Chapter 9 Ecology and Nature Conservation	Temporary loss of foraging and roosting habitat	Negligible adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
		Temporary disturbance	Negligible adverse	
		Permanent loss and fragmentation of habitat	Negligible adverse	

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
		during the operation of the AGIs		
Schedule 1 species (Barn Owl, Red Kite, Marsh Harrier, Kingfisher and Quail)	Chapter 9 Ecology and Nature Conservation	Potential for destruction/damage to nests	Neutral	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
		Temporary loss of foraging habitat	Negligible adverse	
		Temporary disturbance	Neutral	
Wetland Birds associated with Kelk Beck	Chapter 9 Ecology and Nature Conservation	Potential for destruction/damage to nests or other habitats relied upon for roosting	Neutral	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
		Temporary loss of foraging habitat	Negligible adverse	
		Temporary disturbance	Negligible adverse	
Waterfowl (including waders) associated with the inter-tidal coastal habitat near Barmston	Chapter 9 Ecology and Nature Conservation	Temporary loss of habitat	Negligible adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
		Temporary disturbance	Slight adverse	
Sand Martin Colony associated with the coastal cliffs adjacent to Barmston.	Chapter 9 Ecology and Nature Conservation	Potential for destruction/damage to nests	Neutral	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
		Temporary loss of habitat	Neutral	
		Temporary disturbance	Negligible adverse	
All other species (Breeding and Wintering populations)	Chapter 9 Ecology and Nature Conservation	Potential for destruction/damage to nests	Neutral	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
		Temporary loss of habitat	Negligible adverse	
		Temporary disturbance	Negligible adverse	
		Permanent loss and fragmentation of habitat during the operation of the AGIs	Negligible beneficial	
		Permanent disturbance during the operation of the AGIs	Negligible adverse	
Wintering Bewick's swan	Chapter 9 Ecology and Nature Conservation	Temporary disturbance during the construction of Skerne Block Valve	Negligible adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
		Permanent loss of habitat during the operation of Skerne Block Valve	Negligible adverse	
		Permanent disturbance during the operation	Negligible adverse	

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
		of Skerne Block Valve		
Barn Owl	Chapter 9 Ecology and Nature Conservation	Temporary disturbance during the construction of Skerne Block Valve	Neutral	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
		Permanent loss of habitat during the operation of Skerne Block Valve	Negligible beneficial	
		Permanent disturbance during the operation of Skerne Block Valve	Neutral	
		Temporary disturbance to nesting / roosting barn owl during the construction of Barmston Pumping Station	Negligible adverse	
		Permanent loss and fragmentation of habitat during the operation of Barmston Pumping Station	Negligible beneficial	
		Enhanced foraging opportunities around Barmston Pumping Station for Barn Owl	Neutral	
CT298, possible Romano-British settlement site	Chapter 10 Archaeology and Cultural Heritage	Excavation	Moderate adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
CT 143 & CT275, Throlam Farm Romano-British Pottery Kilns	Chapter 10 Archaeology and Cultural Heritage	Excavation	Moderate adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
TD Romano-British pottery kiln	Chapter 10 Archaeology and Cultural Heritage	Excavation	Moderate adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
TD9 Romano-British pottery kiln	Chapter 10 Archaeology and Cultural Heritage	Excavation	Moderate adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
TD376 Romano-British pottery kiln	Chapter 10 Archaeology and Cultural Heritage	Excavation	Moderate adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
TD382 Bronze Age barrows	Chapter 10 Archaeology and Cultural Heritage	Excavation	Moderate adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
TD384-TD386 Possible Iron Age square barrows	Chapter 10 Archaeology and Cultural Heritage	Excavation	Moderate adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
TD379 Enclosure	Chapter 10 Archaeology and Cultural Heritage	Excavation	Moderate adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
TD388 possible settlement site	Chapter 10 Archaeology and Cultural Heritage	Excavation	Moderate adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
TD371, possible Romano-British roadside settlement	Chapter 10 Archaeology and Cultural Heritage	Excavation	Moderate adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
TD83 & TD85, Extended Ladder Settlement	Chapter 10 Archaeology and Cultural Heritage	Excavation	Moderate adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
DS213 possible settlement site recorded through geophysical survey	Chapter 10 Archaeology and Cultural Heritage	Excavation	Moderate adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
SB215 Wansford SMV	Chapter 10 Archaeology and Cultural Heritage	Excavation	Moderate adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
SB274 Winkton DMV	Chapter 10 Archaeology and Cultural Heritage	Excavation	Moderate adverse	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
Landscape Character	Chapter 11 Landscape and Visual	Pipeline envelope	Minor adverse not significant	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
		Drax PIG Trap	Negligible adverse	
		Camblesforth Multi-junction	Minor Adverse	

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
		Tollingham Block Valve	Minor Adverse	
		Dalton Block valve	Moderate – Minor Adverse	
		Skerne Block Valve	Minor Adverse	
		Barmston Pumping Station	Minor Adverse	
Viewpoint 1 Public Footpath (Long Drax FP 35.47/6/1)- represents existing and potential future views of the site, and existing visual amenity in local views.	Chapter 11 Landscape and Visual	Visual effects of Drax PIG Trap	Minor adverse reducing to negligible after the establishment of mitigation	Four ES Chapters have identified residual effects on receptors representative of viewpoint 1 therefore this has been considered in the intra-projects cumulative effects assessment
	Chapter 12 Air Quality	Dust effects may occur during the earthworks associated with the construction phase and track out. This may lead to potential nuisance effects at dust deposition and soiling of surfaces. Crop damage may also occur as a result of dust deposition.	Neutral	
	Chapter 13 Noise and Vibration	Construction of the pipeline	Minor adverse	
		Construction of the PIG Trap	Minor Adverse	
		Maintenance works including venting	Minor adverse during venting, negligible the remainder of the time.	
	Chapter 15 Socio-Economic Recreation and Tourism	Temporary Closure of PROW due to the Temporary Construction Area for Drax AGI during construction. Effects on users' amenity during construction from increased dust, construction noise and temporary visual effects. Effects on users' visual amenity during operation due to the potential visibility of Drax AGI.	Negligible	

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
Viewpoint 2, public footpath , (Long Drax FP 35.47/6/1) recreational users	Chapter 11 Landscape and Visual	Visual effects of Drax PIG Trap	No effects	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
Viewpoint 3 Local Access Road, north of Pear Tree Avenue - Local road users and receptors at their place of work (Pumping Station associated with Drax Power Station)	Chapter 11 Landscape and Visual	Visual effects of Drax PIG Trap	Negligible adverse recuing to no change following the establishment of mitigation	Three ES Chapters have identified residual effects on receptors representative of viewpoint 3 therefore this has been considered in the intra-projects cumulative effects assessment
	Chapter 12 Air Quality	Dust effects may occur during the earthworks associated with the construction phase and track out. This may lead to potential nuisance effects at dust deposition and soiling of surfaces. Crop damage may also occur as a result of dust deposition.	Neutral	
	Chapter 13 Noise and Vibration	Construction of the pipeline	Minor adverse	
		Construction of the PIG Trap	Minor Adverse	
		Maintenance works including venting	Minor adverse during venting, negligible the remainder of the time.	
Viewpoint 4 Main Road, Drax, Residential receptors, pedestrians and local road users	Chapter 11 Landscape and Visual	Visual effects of Camblesforth Multi-junction	No effect	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
Viewpoint 5 Hales Lane, Drax Local road users, and representative of residential receptors on the southern side of Drax village	Chapter 11 Landscape and Visual	Visual effects of Camblesforth Multi-junction	No effect	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
Viewpoint 6 Public Footpath Drax FP 35.26/10/1 - Recreational receptors (few) and partially representative of views from residential properties on Wade House Lane.	Chapter 11 Landscape and Visual	Visual effects of Camblesforth Multi-junction	Negligible recuing to no change following the establishment of mitigation	Four ES Chapters have identified residual effects on receptors representative of viewpoint 6 therefore this has been considered in the intra-projects cumulative effects assessment
	Chapter 12 Air Quality	Dust effects during track out	Neutral	
	Chapter 13 Noise	Pipeline stringing	Moderate Adverse	

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
	and Vibration	Construction of the Multi-junction	Minor Adverse	
		Maintenance works including venting	Minor adverse during venting, negligible the remainder of the time.	
	Chapter 15 Socio-Economic Recreation and Tourism	Potential for Camblesforth Multi-junction to be visible along this footpath	Negligible	
Viewpoints 7 and 8 Public Footpath Camblesforth FP 35.17/6/2 - Recreational receptors (few)	Chapter 11 Landscape and Visual	Visual effects of Camblesforth Multi-junction during construction	Moderate – Minor Adverse	Two ES Chapters have identified residual effects on receptors representative of viewpoints 7 and 8 therefore this has been considered in the intra-projects cumulative effects assessment
		Visual effects of Camblesforth Multi-junction during operation	Minor Adverse reducing to negligible following the establishment of mitigation	
	Chapter 15 Socio-Economic Recreation and Tourism	Effects on users' amenity during construction from increased dust, construction noise and temporary visual effects from Camblesforth Multi-junction	Negligible	
Viewpoint 9 Skiff Lane Residential receptors (Skiff Farm and Tollingham Cottages) & local road users	Chapter 11 Landscape and Visual	Visual effects of Tollingham Block Valve	Minor adverse reducing to negligible over time	Three ES Chapters have identified residual effects on receptors representative of viewpoint 9 therefore this has been considered in the intra-projects cumulative effects assessment
	Chapter 12 Air Quality	Dust effects during track out	Neutral	
	Chapter 13 Noise and Vibration	Construction traffic accessing Tollingham Construction Compound	Moderate Adverse (Combined effect of traffic accessing Tollingham Construction Compound and the Pipeline Construction Traffic for a maximum of 98 days) Negligible for the remainder of the construction season on a weekday and Minor	

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
			Adverse on a Saturday.	
		Deliveries, unloading and loading activities. Movement of equipment	Minor Adverse	
Viewpoint 10 Drain Lane - Residential receptor (Throlam) and local road users	Chapter 11 Landscape and Visual	Visual effects of Tollingham Block Valve	Minor adverse reducing to Negligible.	Three ES Chapters have identified residual effects on receptors representative of viewpoint 10 therefore this has been considered in the intra-projects cumulative effects assessment
	Chapter 12 Air Quality	Dust effects may occur during the earthworks associated with the construction phase and track out. This may lead to potential nuisance effects at dust deposition and soiling of surfaces. Crop damage may also occur as a result of dust deposition.	Neutral	
	Chapter 13 Noise and Vibration	Construction of the Pipeline	Minor Adverse	
Viewpoint 11 Lund Wold Road, west of Lund - Residential Receptors to the north of the site, users of public footpath (Lund FP No.2), local road users including recreational users (walkers).	Chapter 11 Landscape and Visual	Visual effects of Dalton Block Valve during construction	Moderate Adverse	Three ES Chapters have identified residual effects on receptors representative of viewpoint 11 therefore this has been considered in the intra-projects cumulative effects assessment
		Visual effects of Dalton Block Valve during operation	Minor adverse reducing to negligible	
	Chapter 12 Air Quality	Dust effects may occur during the earthworks associated with the construction phase and track out. This may lead to potential nuisance effects at dust deposition and soiling of surfaces. Crop damage may also occur as a result of dust deposition.	Neutral	
	Chapter 15 Socio-Economic Recreation and Tourism	Temporary closure of the PRow during construction. Effects on users' amenity during construction from increased dust, construction noise and temporary visual effects from the Temporary Construction Area Effects on users' visual amenity during the	Negligible	

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
		operation of Dalton Block Valve		
Viewpoints 12 and 13 Holme Wold Road, west of Holme on the Wolds - Residential Receptors on the northwestern edge of Holme on the Wolds and local road users including recreational users (walkers, cyclists and horse riders)	Chapter 11 Landscape and Visual	Visual effects of Dalton Block Valve during construction	Minor Adverse	Two ES Chapters have identified residual effects on receptors representative of viewpoints 12 and 13 therefore this has been considered in the intra-projects cumulative effects assessment
		Visual effects of Dalton Block Valve during operation	Minor – negligible adverse reducing to negligible over time.	
	Chapter 12 Air Quality	Dust effects may occur during the earthworks associated with the construction phase and track out. This may lead to potential nuisance effects at dust deposition and soiling of surfaces. Crop damage may also occur as a result of dust deposition.	Neutral	
Viewpoint 14 Holme Wold Road, between Holme Wold House and the local road junction north of Holmedale Farm - Local road users including recreational users (walkers, cyclists and horse riders)	Chapter 11 Landscape and Visual	Visual effects of Dalton Block Valve	Minor Adverse reducing to Negligible	Two ES Chapters have identified residual effects on receptors representative of viewpoint 14 therefore this has been considered in the intra-projects cumulative effects assessment
	Chapter 12 Air Quality	Dust effects may occur during the earthworks associated with the construction phase and track out. This may lead to potential nuisance effects at dust deposition and soiling of surfaces. Crop damage may also occur as a result of dust deposition.	Neutral	
Viewpoint 15 Public footpath and Bridleway (Skerne & Wansford Bridleway and FP No.9) south of Wansford - Users of public right of way (recreational receptors)	Chapter 11 Landscape and Visual	Visual effects from Skerne Block Valve	Negligible	Three ES Chapters have identified residual effects on receptors representative of viewpoint 15 therefore this has been considered in the intra-projects cumulative effects assessment
	Chapter 12 Air Quality	Dust effects may occur during the earthworks associated with the construction phase and track out. This may lead to potential nuisance effects at dust deposition and soiling of surfaces. Crop damage may also occur as a result of dust deposition.	Neutral	

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
	Chapter 15 Socio-Economic Recreation and Tourism	Temporary closure of the PRow Effects on users' amenity during construction from increased dust, construction noise and temporary visual effects from the Temporary Construction Area Effects on users' visual amenity during the operation of Skerne Block Valve	Negligible	
Viewpoint 16 Main Street, east of Skerne, Residential receptor at Green Acre Lodge, and local road users	Chapter 11 Landscape and Visual	Visual effects from Skerne Block Valve	Minor Adverse reducing to Negligible over time	Three ES Chapters have identified residual effects on receptors representative of viewpoint 16 therefore this has been considered in the intra- projects cumulative effects assessment
	Chapter 12 Air Quality	Dust effects may occur during the earthworks associated with the construction phase and track out. This may lead to potential nuisance effects at dust deposition and soiling of surfaces. Crop damage may also occur as a result of dust deposition.	Neutral	
	Chapter 13 Noise and Vibration	Construction of the Pipeline	Minor Adverse	
Viewpoints 17 and 18 Public Footpath and Bridleway (Skerne & Wansford Bridleway and FP No.7) between Skerne and Cleaves Farm Recreational receptors & access track users	Chapter 11 Landscape and Visual	Visual effects of Skerne Block Valve	Moderate adverse reducing to Moderate Minor Adverse over time	Three ES Chapters have identified residual effects on receptors representative of viewpoints 17 and 18 therefore this has been considered in the intra- projects cumulative effects assessment
	Chapter 12 Air Quality	Dust effects may occur during the earthworks associated with the construction phase and track out. This may lead to potential nuisance effects at dust deposition and soiling of surfaces. Crop damage may also occur as a result of dust deposition.	Neutral	
	Chapter 15 Socio-Economic Recreation and Tourism	Temporary Closure of the PRow Effects of users' visual amenity during the operation of Skerne Block Valve	Negligible	

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
Viewpoint 19 Woldgate (road) – Long distance view Recreational receptors (National Cycle Route 1) and local road users in the Yorkshire Wolds	Chapter 11 Landscape and Visual	Visual effects of Barmston Pumping Station	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
Viewpoint 20 St Edmunds Church, Fraisthorpe -Church yard and residential receptors in Fraisthorpe	Chapter 11 Landscape and Visual	Visual effects of Barmston Pumping Station during construction	Minor adverse from the church yard Moderate-minor adverse from the residential receptors	Two ES Chapters have identified residual effects on receptors representative of viewpoint 20 therefore this has been considered in the intra-projects cumulative effects assessment
		Visual effects of Barmston Pumping Station during operation	Minor – negligible adverse reducing to negligible over time for the church yard Minor negative reducing to Negligible overtime for the residential receptors	
	Chapter 13 Noise and Vibration	Maintenance works including venting	Minor adverse during venting negligible the remainder of the time	
		Operational Noise	Negligible	
Viewpoint 21 A165 (Coast Bridlington Road) adjacent to Stonehills - Residential receptors, Bridlington Road users, and recreational receptors using public rights of way on the east side of the A165.	Chapter 11 Landscape and Visual	Visual effects of Barmston Pumping Station during construction	Moderate –Minor adverse	Four ES Chapters have identified residual effects on receptors representative of viewpoint 21 therefore this has been considered in the intra-projects cumulative effects assessment
		Visual effects of Barmston Pumping Station during operation	Minor adverse reducing to negligible	
	Chapter 12 Air Quality	Dust effects may occur during the earthworks associated with the construction phase and track out. This may lead to potential nuisance effects at dust deposition and soiling of surfaces. Crop damage may also occur as a result of dust deposition.	Neutral	
	Chapter 13 Noise	Construction of the Pipeline	Moderate / Minor Adverse	

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
	and Vibration	Maintenance works including venting	Minor adverse during venting negligible the remainder of the time	
		Operational Noise	Negligible	
	Chapter 15 Socio-Economic Recreation and Tourism	Temporary closure of the PRow's Effects on users' amenity during construction from increased dust, construction noise and temporary visual effects. Effects on visual amenity during the operation of Barmston Pumping Station.	Negligible	
Viewpoint 22 Sands Lane, Barmston - Residential receptors and local road users at western end of Sands Lane Barmston	Chapter 11 Landscape and Visual	Visual effects of Barmston Pumping Station	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
Viewpoint 23 - Barmston Beach Holiday Park and Informal Cliff Top Path - Holiday Makers and Recreational receptors)	Chapter 11 Landscape and Visual	Visual effects of Barmston Pumping Station	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
Viewpoints 24a and 24b Sands Road (Track) -Recreational Users of the off-road route	Chapter 11 Landscape and Visual	Visual effects of Barmston Pumping Station during construction	Major- Moderate Adverse during construction	Two ES Chapters have identified residual effects on receptors representative of viewpoint 24a and 24b therefore this has been considered in the intra-projects cumulative effects assessment
		Visual effects of Barmston Pumping Station during operation	Moderate adverse and remaining moderate adverse over time	
	Chapter 12 Air Quality	Dust effects may occur during the earthworks associated with the construction phase and track out. This may lead to potential nuisance effects at dust deposition and soiling of surfaces. Crop damage may also occur as a result of dust deposition.	Neutral	
Viewpoint 25 Local road between Fraisthorpe and Auburn Farm	Chapter 11 Landscape and	Visual effects of Barmston Pumping Station during construction	Moderate – Minor Adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
(access to Fraisthorpe Sands Beach). - Local road users	Visual	Visual effects of Barmston Pumping Station during operation	Moderate – Minor adverse in the short term reducing to Minor adverse over time.	intra-project effects on these receptors.
Human receptors and commercial properties	Chapter 12 Air Quality	Dust effects may occur during the earthworks associated with the construction phase and track out. This may lead to potential nuisance effects at dust deposition and soiling of surfaces.	Neutral	Three ES Chapters have identified residual effects on human and commercial receptors therefore this has been considered in the intra-projects cumulative effects assessment
	Chapter 13 Noise and Vibration	Construction of the Pipeline	Moderate / Minor Adverse for receptors within 100m	
		Construction of the Pipeline	Minor Adverse / Negligible for receptors between 100m and 300m	
Chapter 11 Landscape and Visual	Visual effects of the Pipeline Envelope	Not significant		
Baxter Hall on main Road, Drax	Chapter 12 Air Quality	Dust effects during track out	Neutral	Two ES Chapters have identified residual effects on these receptors therefore this has been considered in the intra-projects cumulative effects assessment
	Chapter 13 Noise and Vibration	Construction of the Pipeline	Moderate / Minor Adverse	
Woodlands on main Road Drax	Chapter 12 Air Quality	Dust effects during track out	Neutral	Two ES Chapters have identified residual effects on these receptors therefore this has been considered in the intra-projects cumulative effects assessment
	Chapter 13 Noise and Vibration	Pipeline stringing	Moderate Adverse	
Five properties on Wade House Lane	Chapter 12 Air Quality	Dust effects during track out	Neutral	Two ES Chapters have identified residual effects on these receptors therefore this has been considered in the intra-projects cumulative effects assessment
	Chapter 13 Noise and Vibration	Pipeline stringing	Moderate Adverse	
Four properties on Pear Tree Avenue	Chapter 12 Air Quality	Dust effects during track out	Neutral	Two ES Chapters have identified residual effects on these receptors therefore this has been

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
	Chapter 13 Noise and Vibration	Construction of the Pipeline	Moderate / Minor Adverse	considered in the intra-projects cumulative effects assessment
New farm, Sand Lane, Holme on Spalding Moor	Chapter 12 Air Quality	Dust effects during track out	Neutral	Two ES Chapters have identified residual effects on these receptors therefore this has been considered in the intra-projects cumulative effects assessment
	Chapter 13 Noise and Vibration	Construction of the Pipeline	Moderate / Minor Adverse	
Two properties on Weighton Hill, Market Weighton.	Chapter 12 Air Quality	Dust effects during track out	Neutral	Two ES Chapters have identified residual effects on these receptors therefore this has been considered in the intra-projects cumulative effects assessment
	Chapter 13 Noise and Vibration	Construction of the Pipeline	Moderate / Minor Adverse	Two ES Chapters have identified residual effects on these receptors therefore this has been considered in the intra-projects cumulative effects assessment
Two residential properties in Kellythorpe	Chapter 12 Air Quality	Dust effects during track out	Neutral	Two ES Chapters have identified residual effects on these receptors therefore this has been considered in the intra-projects cumulative effects assessment
	Chapter 13 Noise and Vibration	Construction Traffic accessing Driffield Construction Compound	Negligible	
		Deliveries, unloading and loading activities. Movement of equipment	Moderate / Minor Adverse	
Humber Estuary SSSI	Chapter 12 Air Quality	Dust effects may occur during the earthworks associated with the construction phase and track out. This may lead to potential nuisance effects at dust deposition and soiling of surfaces. Crop damage may also occur as a result of dust deposition.	Neutral	Only one chapter has identified residual effects on this receptor which is neutral therefore there is no potential for intra-project effects on this receptor.
Bryan Fields SSSI	Chapter 12 Air Quality	Dust effects may occur during the earthworks associated with the construction phase and track out. This may lead to potential nuisance effects at dust deposition and soiling of surfaces. Crop damage may also occur as a result of dust deposition.	Neutral	Only one chapter has identified residual effects on this receptor which is neutral therefore there is no potential for intra-project effects on this receptor.

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
NSRs in the vicinity of Drax PIG Trap Site	Chapter 13 Noise and Vibration	Construction works	Minor Adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
		Maintenance works including maintenance venting	Minor adverse during venting, negligible the remainder of the time.	
NSRs in the vicinity of Camblesforth Multi-junction Site	Chapter 13 Noise and Vibration	Construction works	Minor adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
		Maintenance works including maintenance venting	Minor adverse during venting, negligible the remainder of the time.	
NSRs in the vicinity of Tollingham Block Valve Site	Chapter 13 Noise and Vibration	Construction works	Minor adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
		Maintenance works including maintenance venting	Minor adverse during venting, negligible the remainder of the time.	
NSRs in the vicinity of Dalton Block Valve Site	Chapter 13 Noise and Vibration	Construction works	Minor adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
		Maintenance works including maintenance venting	Minor adverse during venting, negligible the remainder of the time.	
NSRs in the vicinity of Skerne Block Valve	Chapter 13 Noise and Vibration	Construction works	Minor adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
		Maintenance works including maintenance venting	Minor adverse during venting, negligible the remainder of the time.	
NSRs in the vicinity of Barmston Pumping Station	Chapter 13 Noise and Vibration	Construction works	Minor adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
		Maintenance works including maintenance venting	Minor adverse during venting, negligible the remainder of the time.	
		Operational Noise	Negligible	
NSRs in the vicinity of the River Ouse Crossing (Rusholme Hall)	Chapter 13 Noise and Vibration	24 hr construction works (HDD) for the crossing (temporary)	Moderate Adverse for Night time works and Minor Adverse for daytime works	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
NSRs in the vicinity of the Railway at Brind (Brind Lane	Chapter 13 Noise	24 hr construction works (microtunnel for	Minor Adverse for night time	Only one chapter has identified residual effects on this receptor therefore there is no potential for

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
Farm)	and Vibration	crossing (temporary))	and daytime works	intra-project effects on this receptor.
NSRs in the vicinity of Driffield to Hutton Cranswick Railway (Orchard Lane)	Chapter 13 Noise and Vibration	24 hr construction (microtunnel) for crossing (temporary)	Minor Adverse for night time and daytime works	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
NSRs in the vicinity of the River Hull crossing (Trout Inn)	Chapter 13 Noise and Vibration	24 hour construction works (microtunnel) for crossing (temporary)	Moderate Adverse for Night time works and Minor Adverse for daytime works	Only one chapter has identified residual effects on this receptor therefore there is no potential for intra-project effects on this receptor.
NSRs along Main Street Knedlington	Chapter 13 Noise and Vibration	Construction Traffic Movements (Temporary)	Minor Adverse on weekdays and Saturdays for a maximum of 40 days, Negligible for the remainder of the construction period.	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
NSRs along A63 (vicinity of Howden)	Chapter 13 Noise and Vibration	Construction Traffic Movements (Temporary)	Minor Adverse on weekdays and Saturdays for a maximum of 16 days, Negligible for the remainder of the construction period.	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
NSRs along the B1288 Wood Lane	Chapter 13 Noise and Vibration	Construction Traffic Movements (Temporary)	Minor Adverse on weekdays and Saturdays for a maximum of 30 days, Negligible for the remainder of the construction period.	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
NSRs along B1228 St Lane	Chapter 13 Noise and Vibration	Construction Traffic Movements (Temporary)	Minor Adverse on weekdays and Saturdays for a maximum of 14 days, Negligible for the remainder of the construction period.	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
NSRs along A163 (vicinity of Foggathorpe)	Chapter 13 Noise and Vibration	Construction Traffic Movements (Temporary)	Minor Adverse on Saturdays for a maximum of 2 Saturdays, Negligible for weekdays and all other Saturdays during the construction period.	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
NSRs along Main Cliffe Lane	Chapter 13 Noise and Vibration	Construction Traffic Movements (Temporary)	Minor Adverse on peak Saturday, Negligible for the remainder of the Construction period.	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
NSRs along a Un Named Road (west of Lund) ID 32 on Figure 14.2	Chapter 13 Noise and Vibration	Construction Traffic Movements (Temporary)	Major Adverse (combined effect of construction traffic for the construction of Dalton Block Valve and Pipeline Construction lasting for a maximum of 8 days). Minor Adverse for the remainder of the Construction Season.	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
NSRs along Driffield Road (vicinity of Skerne)	Chapter 13 Noise and Vibration	Construction Traffic Movements (Temporary)	Moderate Adverse (combined effect of construction traffic for the construction of Skerne Block Valve and Pipeline Construction lasting for a maximum of 42 days) Negligible for the remainder of the Construction Season.	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
NSRs along the B1249	Chapter 13 Noise and Vibration	Construction Traffic Movements (Temporary)	Minor Adverse on weekdays and Saturdays (combined effect of construction traffic for the construction of the Pumping Station and Pipeline Construction lasting for a maximum of 76 days. Negligible for the remainder of the Construction Season.	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
NSRs along the B1249 Main Street (vicinity of Frodingham)	Chapter 13 Noise and Vibration	Construction Traffic Movements (Temporary)	Minor Adverse on weekdays and Saturdays (combined effect of construction traffic for the construction of the	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
			Pumping Station and Pipeline Construction lasting for a maximum of 34 days. Negligible for the remainder of the Construction Season.	
Road users in the vicinity of Automated Traffic Count 12	Chapter 14 Traffic Transport and Access	Movement of materials and plant associated with construction (temporary).	Moderate Adverse (for less than six month)	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
Road users in the vicinity of Automated Traffic Count 35	Chapter 14 Traffic Transport and Access	Movement of materials and plant associated with construction (temporary).	Moderate Adverse (for less than six month)	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
All automated Traffic Count Locations	Chapter 14 Traffic Transport and Access	Movement of materials and plant associated with construction	Minor adverse to negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors.
Users of Carlton Towers	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the road network	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
		Potential severance affects during construction and potential disruption to shooting activities. Effects on user's amenity during construction from increased dust, construction noise and temporary visual effects.	Negligible	
Users of Barlow Common nature Reserve	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the road network	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Users of California Garden Centre	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the road network	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra
Users of Howden Minster	Chapter 15 Socio-Economic Recreation and	Increased construction traffic would cause disruption to the road network	Minor Adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
	Tourism			
Users of Shire Hall	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the road network	Minor Adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Users of Boothferry Golf Club	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the road network	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Users of Eastrington Ponds	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the road network	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Users of North Cliff Wood nature Reserve	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the road network	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Users of Houghton Moor Shoot	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the road network	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Users of Mount Pleasant Antiques Centre	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the road network	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Users of Kiplingcotes Racecourse	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the road network	Minor Adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Dalton Estate	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the road network	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
Users of Kelleythorpe Trout Lake	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the road network. Effects on users' amenity during construction from increased dust, construction noise and visual effects.	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Users of Driffield Showground	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the road network. Effects on users' amenity during construction from increased dust, construction noise and visual effects.	Minor Adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Users of Driffield Golf Course	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the road network. Effects on users' amenity during construction from increased dust, construction noise and visual effects.	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Users of Driffield Cricket Club	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the road network	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Users of Driffield Rugby Union Club	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the road network	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Users of Mulberry Whin Fly Fishing	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the road network	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Users of Wansford Fishery	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the road network	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Users of Barmston Beach Holiday Park	Chapter 15 Socio-Economic	Increased construction traffic would cause disruption to the road network.	Minor Adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
	Recreation and Tourism	Temporary closure of the beach and nearby PRowS would affect residents amenity.		intra-project effects on these receptors
Users of Gransmoor Lodge Park	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the road network. Temporary closure of the beach and nearby PRowS would affect residents amenity.	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Users of Barmston Sands	Chapter 15 Socio-Economic Recreation and Tourism	Construction would temporarily adversely affect amenity value. Temporary closure of permissive routes and section of the beach would affect users' amenity. Increased construction traffic would cause disruption to the road network.	Minor Adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Users of Fraisthorpe Sands	Chapter 15 Socio-Economic Recreation and Tourism	Temporary closure of a section of Barmston Sands (and therefore closure of permissive routes) could cause disruption to users. Potential for effects on users' amenity during construction from increased dust, construction noise and temporary visual effects	Minor adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Users of Churches / Places of Worship and Village Halls	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the road network. Severance would cause longer journeys and could cause people to avoid using local amenities. Temporary closures of PRow would cause disruption to users , and could increase journey times	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Users of Schools and Nurseries	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the road network. Severance would cause longer journeys and could cause people to avoid using local	Minor Adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
		amenities. Temporary closures of PRow would cause disruption to users , and could increase journey times		
Local Businesses and Service Providers, including those in the Hospitality Industry	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the local road network and could cause people to avoid local amenities. Severance would cause longer journeys and could cause people to avoid using local amenities. Increased workforce personnel in the area would increased expenditure in the area.	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Local Economy and employment	Chapter 15 Socio-Economic Recreation and Tourism	Significant investment in the area will result in a boost to the local economy. This will result from purchase of goods and services, local supply chains and increased local expenditure. Employment opportunities in the area will exist throughout the lifetime of the Pipeline, but primarily during construction. This will result in upskilling and improved employment rates in the region.	Minor Beneficial	
Users of Public Rights of Way, Long Distance paths, Permissive Routes and Cycle Routes within the vicinity of the Pipeline Envelope	Chapter 15 Socio-Economic Recreation and Tourism	Increased construction traffic would cause disruption to the local road network and users, causing temporary delays and severance effects. Potential for effects on users' amenity during construction from increased dust, construction noise and temporary visual effects	Negligible effects will be experienced on local footpaths Minor adverse effects will be experienced on national routes and long distance paths.	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Users of National Cycle Route 65 / Trans Pennine Trail (East), Cycle Route 164, Cycle Route	Chapter 15 Socio-Economic Recreation and	Temporary Close of Cycle Routes	Minor Adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors

Intra-project Cumulative Effects Screening Assessment				
Receptor	Chapter	Effects	Residual Significance	Potential for Intra-project effects
66/ Yorkshire Wolds Cycle Route, Cycle Route 1	Tourism			
Users of Way of Roses, Wilberforce Way, Hudson Way, Minster Way	Chapter 15 Socio-Economic Recreation and Tourism	Temporary closure of PRow	Minor Adverse	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors
Users of Long Drax, FP 35.47/1/1, FP 35.47/8/1, 35.47/4/1, 35.47/5/1, 35.26/7/1, 35.26/9/1, 35.26/11/1, 35.26/13/1, 35.49/1/2, 35.49/2/2, Barmby-on-the-March FP No. , Asselby FP No.2, Asselby FP No.1, Wressle FP No. 10, Wressle FP No.6, Wressle FP No.7, Eastrington Bridleway No.17, Spaldington FP No 17, Spaldington FP No. 12, Market Weighton FP No.11, Market Weighton FP No.7, Goodmanham FP No. 7, Goodmanham FP No. 6, Etton Bridleway No. 5, Watton No . 2, Watton FP No. 20, Hutton Cranswick FP No. 12, Hutton Cranswick FP No 11, Hutton Cranswick FP No 18, Skerne and Wansford Bridleway No 8, Foston-on-the-Wolds FP No. 11, Barmston No 1	Chapter 15 Socio-Economic Recreation and Tourism	Temporary closure and effects on amenity during construction from increased dust, construction noise and temporary visual effects.	Negligible	Only one chapter has identified residual effects on these receptors therefore there is no potential for intra-project effects on these receptors