

Potential Receptors and Value Assignment

Last updated 30/04/2019

Receptor Class													
Surface Water Resources		Groundwater Resources		Hydromorphology		Water Quality		Flooding & Drainage		Retain for further assessment? Yes/No	Justifications		
No.	Receptor Name	Value Class	Justification	Value Class	Justification	Value Class	Justification	Value Class	Justification	Value Class	Justification		
Project Wide													
1	River Don part of the Don from Source to Scout Dyke WFD river catchment water body	Medium	The hydrological regime status is 'Supports Good' (2014 WFD data)		Not applicable	Medium	The hydromorphological supporting elements status is 'Supports Good' (2014 WFD data)	High	Physico-chemical quality elements status is Good (2016 WFD data)	High	within F22 and F23	Yes	The river passes through the Proposed Project
2	Sledbrook Dike, tributary of River Don part of the Don from Source to Scout Dyke WFD river catchment water body	Medium	The hydrological regime status is 'Supports Good' (2014 WFD data)		Not applicable	Medium	The hydromorphological supporting elements status is 'Supports Good' (2014 WFD data)	High	Physico-chemical quality elements status is Good (2016 WFD data)	High	Within a zone at 'High' risk of surface water flooding	Yes	The watercourse is located outside the Study Area but is potentially down groundwater gradient
3	Long Grain, tributary of River Don part of the Don from Source to Scout Dyke WFD river catchment water body	Medium	The hydrological regime status is 'Supports Good' (2014 WFD data)		Not applicable	Medium	The hydromorphological supporting elements status is 'Supports Good' (2014 WFD data)	High	Physico-chemical quality elements status is Good (2016 WFD data)	High	Within a zone at 'High' risk of surface water flooding	Yes	The watercourse is within the Study Area
4	Wogden Foot, tributary of River Don part of the Don from Source to Scout Dyke WFD river catchment water body	Medium	The hydrological regime status is 'Supports Good' (2014 WFD data)		Not applicable	Medium	The hydromorphological supporting elements status is 'Supports Good' (2014 WFD data)	High	Physico-chemical quality elements status is Good (2016 WFD data)	High	Within a zone at 'High' risk of surface water flooding	Yes	The watercourse is within the Study Area
5	Wogden Dike, tributary of River Don part of the Don from Source to Scout Dyke WFD river catchment water body	Medium	The hydrological regime status is 'Supports Good' (2014 WFD data)		Not applicable	Medium	The hydromorphological supporting elements status is 'Supports Good' (2014 WFD data)	High	Physico-chemical quality elements status is Good (2016 WFD data)	High	Within a zone at 'High' risk of surface water flooding	Yes	The watercourse is located outside the Study Area but is potentially down groundwater gradient from west end of site boundary
6	Wogden Clough, tributary of River Don part of the Don from Source to Scout Dyke WFD river catchment water body	Medium	The hydrological regime status is 'Supports Good' (2014 WFD data)		Not applicable	Medium	The hydromorphological supporting elements status is 'Supports Good' (2014 WFD data)	High	Physico-chemical quality elements status is Good (2016 WFD data)	High	Within a zone at 'High' risk of surface water flooding	Yes	The watercourse is located outside the Study Area but is potentially down groundwater gradient from west end of site boundary
7	Smalden Clough brook, tributary of River Don part of the Don from Source to Scout Dyke WFD river catchment water body	Medium	The hydrological regime status is 'Supports Good' (2014 WFD data)		Not applicable	Medium	The hydromorphological supporting elements status is 'Supports Good' (2014 WFD data)	High	Physico-chemical quality elements status is Good (2016 WFD data)	High	Within a zone at 'High' risk of surface water flooding	Yes	The watercourse is within the Study Area but partially culverted
8	Unnamed tributary of River Don flowing parallel to Smalden Clough, part of the Don from Source to Scout Dyke WFD river catchment water body	Medium	The hydrological regime status is 'Supports Good' (2014 WFD data)		Not applicable	Medium	The hydromorphological supporting elements status is 'Supports Good' (2014 WFD data)	High	Physico-chemical quality elements status is Good (2016 WFD data)	High	Within a zone at 'High' risk of surface water flooding	Yes	The watercourse is within the Study Area
9	Short Grain, tributary of Long Grain, a tributary of River Don part of the Don from Source to Scout Dyke WFD river catchment water body	Medium	The hydrological regime status is 'Supports Good' (2014 WFD data)		Not applicable	Medium	The hydromorphological supporting elements status is 'Supports Good' (2014 WFD data)	High	Physico-chemical quality elements status is Good (2016 WFD data)	High	Within a zone at 'High' risk of surface water flooding	Yes	The watercourse is within the Study Area
10	Clough Beck, tributary of River Don part of the Don from Source to Scout Dyke WFD river catchment water body	Medium	The hydrological regime status is 'Supports Good' (2014 WFD data)		Not applicable	Medium	The hydromorphological supporting elements status is 'Supports Good' (2014 WFD data)	High	Physico-chemical quality elements status is Good (2016 WFD data)	High	Within a zone at 'High' risk of surface water flooding	Yes	The watercourse is within the Study Area
11	Town Brook, tributary of River Don part of the Don from Source to Scout Dyke WFD river catchment water body	Medium	The hydrological regime status is 'Supports Good' (2014 WFD data)		Not applicable	Medium	The hydromorphological supporting elements status is 'Supports Good' (2014 WFD data)	High	Physico-chemical quality elements status is Good (2016 WFD data)	High	Within a zone at 'High' risk of surface water flooding	Yes	The watercourse is within the Study Area
12	Drains, tributaries of River Don part of the Don from Source to Scout Dyke WFD river catchment water body	Medium	The hydrological regime status is 'Supports Good' (2014 WFD data)		Not applicable	Medium	The hydromorphological supporting elements status is 'Supports Good' (2014 WFD data)	High	Physico-chemical quality elements status is Good (2016 WFD data)	Low	Part of local surface water drainage network	Yes	Located within the Study Area
13	Waterfall along the Trans Pennine Trail	Low	Initially Uncertain but upgraded to Low as known to be of local importance (recreational function)		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially uncertain but upgraded to Low as part of the surface water drainage network	Yes	Located within the Study Area along the TPPT
14	Unmapped field drains	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Part of the local drainage network	Yes	Field drains located within the Study Area
15	Sinks	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	7no. sinks are located within the Study Area
16	Issues	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	9no. issues are located within the Study Area
17	Springs	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	1no. spring is located within the Study Area
18	Grains/groughs (a natural channel or fissure in a peat moor)	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Located within the Study Area
19	Pond at Rolly Home (X=417,554; Y=402574)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Located within the Study Area
20	Pond at Castle Hill (X=417,787; Y=402,886)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Located within the Study Area
21	Pond South of Winscar Reservoir (X=415,689; Y=402,379)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Located within the Study Area
22	Pond 1 near Woodhead Tunnels (disused) (X=415,517; Y=402,281)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Located within the Study Area
23	Pond 1 near Woodhead Tunnels (disused) (X=415,494; Y=402,255)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Located within the Study Area
24	Pond at Townhead (X=416,663; Y=402,767)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Located down topographic gradient of Study Area
25	Pond 1 at Dunford Bridge (X=415,736; Y=402,253)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Located within the Study Area
26	Pond 2 at Dunford Bridge (X=415,723; Y=402,241)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Located within the Study Area
27	Pond 3 at Dunford Bridge (X=415,770; Y=402,261)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Located within the Study Area
28	Pond along Smalden Clough (X=415,136; Y=401,845)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Located within the Study Area
29	Pond at confluence between Wogden Foot and River Don (X=418,374;Y=402,747)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Located within the Study Area
30	Winscar Reservoir	High	Is a licensed or unlicensed surface water abstraction site used for water supply or agriculture		Not applicable		Not applicable	High	Is a licensed or unlicensed surface water abstraction site used for water supply or agriculture		Not applicable	Yes	This reservoir is used for water supply and is located 75m outside the proposed site area, potentially down groundwater gradient of southwestern corner of Study Area
31	Upper Windleden Reservoir	High	Is a licensed or unlicensed surface water abstraction site used for water supply or agriculture		Not applicable		Not applicable	High	Is a licensed or unlicensed surface water abstraction site used for water supply or agriculture		Not applicable	No	Although being used for water supply, this reservoir is located 500m outside the Study Area and up-gradient.
32	Lower Windleden Reservoir	High	Is a licensed or unlicensed surface water abstraction site used for water supply or agriculture		Not applicable		Not applicable	High	Is a licensed or unlicensed surface water abstraction site used for water supply or agriculture		Not applicable	Yes	This reservoir is used for water supply and is located 15m outside the Study Area; potentially down groundwater gradient of southwester corner of Study Area
33	Snalsden and Harden Clough Reservoir	High	Is a licensed or unlicensed surface water abstraction site used for water supply or agriculture		Not applicable		Not applicable	High	Is a licensed or unlicensed surface water abstraction site used for water supply or agriculture		Not applicable	No	Although being used for water supply, this reservoir is located 1250m outside the Study Area and up-gradient
34	Layers of peat (6 no.)	Medium	Initially Uncertain but upgraded to Medium as peats can be considered to be part of a sensitive & protected water-dependent ecosystems with regional or local importance (LNR).	Medium	Initially Uncertain but upgraded to Medium as peats can be considered to be part of a sensitive & protected groundwater-dependent ecosystems with regional or local importance (LNR).		Not applicable	Very Low	Initially Uncertain but upgraded to Negligible as peats are not directly linked to water quality		Not applicable	Yes	6 layers of peat are located within 600m of the Study Area. Peats are linked to the local hydrology and hydrogeology as peats are formed on water-logged soils
35	Wogden Foot Local Wildlife Site	Very Low	Of local importance but designated due to the birds ecology	Very Low	Of local importance but designated due to the birds ecology	Very Low	Of local importance but designated due to the birds ecology	Very Low	Of local importance but designated due to the birds ecology	Very Low	Of local importance but designated due to the birds ecology	No	Previously designated due to the presence of birds and insects
36	Peak District Moors (South Pennine Moors Phase 1) SPA	Very Low	Designated due to the birds ecology	Very Low	Designated due to the birds ecology	Very Low	Designated due to the birds ecology	Very Low	Designated due to the birds ecology	Very Low	Designated due to the birds ecology	No	Designated due to the birds ecology
37	South Pennine Moors SAC	High	Presence of Northern Atlantic wet heaths with Erica tetralix, European dry heaths, blanket bog, transition mires and quaking bogs	High	Presence of Northern Atlantic wet heaths with Erica tetralix, European dry heaths, blanket bog, transition mires and quaking bogs	Very Low	Peats and moors are not directly dependent to hydromorphology	Very Low	Peats and moors are not directly dependent to water quality		Not applicable	Yes	Presence of Northern Atlantic wet heaths with Erica tetralix, European dry heaths, blanket bog, transition mires and quaking bogs
38	Dark Peak SSSI	High	Presence of blanket mire and peat and wet and dry heaths	High	Presence of blanket mire and peat and wet and dry heaths	Very Low	Peats and moors are not directly dependent to hydromorphology	Very Low	Peats and moors are not directly dependent to water quality		Not applicable	Yes	Presence of blanket mire and peat and wet and dry heaths, located within Study Area
39	2/27/05/026 (3 no.) surface water abstraction	High	Public water supply		Not applicable		Not applicable	High	Public water supply		Not applicable	Yes	One of the abstractions is located just 15 m from the Study Area and reservoir from which it abstracts
40	2/27/10/090(S) (2 no.) surface water abstraction	High	Used for industrial, commercial and public services purposes		Not applicable		Not applicable	High	Used for industrial, commercial and public services purposes		Not applicable	Yes	Potentially down groundwater gradient
41	NE/027/0005/006 surface water abstraction	Medium	Production of Energy		Not applicable		Not applicable	Medium	Production of Energy		Not applicable	Yes	River Don abstraction site located 1500m downstream the Study Area and within River Don catchment
42	NE/027/0005/007 surface water abstraction	Medium	Production of Energy		Not applicable		Not applicable	Medium	Production of Energy		Not applicable	Yes	River Don abstraction site located 1000m downstream the Study Area and within River Don catchment
43	Don & Rother Millstone Grit & Coal Measures WFD groundwater body (Secondary A bedrock and superficial aquifer)		Not applicable	High	The quantitative status is 'Good' (2015 WFD data)		Not applicable	Medium	Is a secondary A aquifer with a 'Poor' WFD Chemical Status		Not applicable	Yes	The groundwater body is within the Study Area
44	Wells		Not applicable	Low	Initially Negligible but upgraded to Low as located within the Study Area but have no abstraction records		Not applicable	Low	Initially Negligible but upgraded to Low as located within the Study Area but have no abstraction records		Not applicable	Yes	4no. wells are located within the Study Area and one just 50 m outside; 3 others are upstream but within 500 m
45	Boreholes		Not applicable	Low	Initially Negligible but upgraded to Low as located within the Study Area but have no abstraction records		Not applicable	Low	Initially Negligible but upgraded to Low as located within the Study Area but have no abstraction records		Not applicable	Yes	4no. boreholes are located within the Study Area and many more downstream; others are upstream but within 500 m
46	2/27/10/090(G) groundwater abstraction		Not applicable	Low	Use for industrial, commercial and public services		Not applicable	Low	Use for industrial, commercial and public services		Not applicable	Yes	Potentially down groundwater gradient
47	2/27/10/091 groundwater abstraction		Not applicable	Low	Use for industrial, commercial and public services		Not applicable	Low	Use for industrial, commercial and public services		Not applicable	Yes	Potentially down groundwater gradient

Receptor Class													
Surface Water Resources		Groundwater Resources		Hydromorphology		Water Quality		Flooding & Drainage		Retain for further assessment? Yes/No	Justifications		
No.	Receptor Name	Value Class	Justification	Value Class	Justification	Value Class	Justification	Value Class	Justification	Value Class	Justification		
23	Pond 1 near Woodhead Tunnels (disused) (X=415,494; Y=402,255)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Present in close proximity to this element of the Proposed Project
25	Pond 1 at Dunford Bridge (X=415,736; Y=402,253)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Present in close proximity to this element of the Proposed Project
26	Pond 2 at Dunford Bridge (X=415,723; Y=402,241)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Present in close proximity to this element of the Proposed Project
27	Pond 3 at Dunford Bridge (X=415,770; Y=402,261)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Present in close proximity to this element of the Proposed Project
28	Pond along Smalden Clough (X=415,136; Y=401,845)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Present in close proximity to this element of the Proposed Project
29	Pond at confluence between Wogden Foot and River Don (X=418,374; Y=402,747)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Present in close proximity to this element of the Proposed Project
30	Winscar Reservoir	High	Is a licensed or unlicensed surface water abstraction site used for water supply or agriculture		Not applicable		Not applicable	High	Is a licensed or unlicensed surface water abstraction site used for water supply or agriculture		Not applicable	Yes	This reservoir is used for water supply and is located to the west of this element of the Proposed Project
34	Layers of peat (6 no.)	Medium	Initially Uncertain but upgraded to Medium as peats can be considered to be part of a sensitive & protected water-dependent ecosystems with regional or local importance (LNR).	Medium	Initially Uncertain but upgraded to Medium as peats can be considered to be part of a sensitive & protected groundwater-dependent ecosystems with regional or local importance (LNR).		Not applicable	Very Low	Initially Uncertain but upgraded to Negligible as peats are not directly linked to water quality		Not applicable	Yes	6 layers of peat are located within 600m of the Study Area. Peats are linked to the local hydrology and hydrogeology as peats are formed on water-logged soils
35	Wogden Foot Local Wildlife Site	Very Low	Of local importance but designated due to the birds ecology	Very Low	Of local importance but designated due to the birds ecology	Very Low	Of local importance but designated due to the birds ecology	Very Low	Of local importance but designated due to the birds ecology	Very Low	Of local importance but designated due to the birds ecology	No	Located in close proximity to this element of the Proposed Project. Previously designated due to the presence of birds and insects
36	Peak District Moors (South Pennine Moors Phase 1) SPA	Very Low	Designated due to the birds ecology	Very Low	Designated due to the birds ecology	Very Low	Designated due to the birds ecology	Very Low	Designated due to the birds ecology	Very Low	Designated due to the birds ecology	No	Located to the west of this element of the Proposed Project. Designated due to the birds ecology
37	South Pennine Moors SAC	High	Presence of Northern Atlantic wet heaths with Erica tetralix, European dry heaths, blanket bog, transition mires and quaking bogs	High	Presence of Northern Atlantic wet heaths with Erica tetralix, European dry heaths, blanket bog, transition mires and quaking bogs	Very Low	Peats and moors are not directly dependent to hydromorphology	Very Low	Peats and moors are not directly dependent to water quality		Not applicable	Yes	Located to the west of this element of the Proposed Project. Presence of Northern Atlantic wet heaths with Erica tetralix, European dry heaths, blanket bog, transition mires and quaking bogs
38	Dark Peak SSSI	High	Presence of blanket mire and peat and wet and dry heaths	High	Presence of blanket mire and peat and wet and dry heaths	Very Low	Peats and moors are not directly dependent to hydromorphology	Very Low	Peats and moors are not directly dependent to water quality		Not applicable	Yes	Located to the west of this element of the Proposed Project. Presence of blanket mire and peat and wet and dry heaths
40	2/27/10/090(S) (2 no.) surface water abstraction	High	Used for industrial, commercial and public services purposes		Not applicable		Not applicable	High	Used for industrial, commercial and public services purposes		Not applicable	Yes	Potentially down groundwater gradient
41	NE/027/0005/006 surface water abstraction	Medium	Production of Energy		Not applicable		Not applicable	Medium	Production of Energy		Not applicable	Yes	River Don abstraction site located downstream of this element of the Proposed Project
42	NE/027/0005/007 surface water abstraction	Medium	Production of Energy		Not applicable		Not applicable	Medium	Production of Energy		Not applicable	Yes	River Don abstraction site located downstream of this element of the Proposed Project
43	Don & Rother Millstone Grit & Coal Measures WFD groundwater body (Secondary A bedrock and superficial aquifer)		Not applicable	High	The quantitative status is 'Good' (2015 WFD data)		Not applicable	Medium	Is a secondary A aquifer with a 'Poor' WFD Chemical Status		Not applicable	Yes	This element of the Proposed Project is within this groundwater body
44	Wells		Not applicable	Low	Initially Negligible but upgraded to Low as located within the Study Area but have no abstraction records		Not applicable	Low	Initially Negligible but upgraded to Low as located within the Study Area but have no abstraction records		Not applicable	Yes	Present in close proximity to this element of the Proposed Project
45	Boreholes		Not applicable	Low	Initially Negligible but upgraded to Low as located within the Study Area but have no abstraction records		Not applicable	Low	Initially Negligible but upgraded to Low as located within the Study Area but have no abstraction records		Not applicable	Yes	Located downstream.
46	2/27/10/090(G) groundwater abstraction		Not applicable	Low	Use for industrial, commercial and public services		Not applicable	Low	Use for industrial, commercial and public services		Not applicable	Yes	Potentially down groundwater gradient
47	2/27/10/091 groundwater abstraction		Not applicable	Low	Use for industrial, commercial and public services		Not applicable	Low	Use for industrial, commercial and public services		Not applicable	Yes	Potentially down groundwater gradient
48	NE/027/0005/001 groundwater abstraction	Not applicable	Use for environmental purposes	Medium	Use for environmental purposes		Not applicable	Medium	Use for environmental purposes		Not applicable	Yes	Located down-gradient
49	NE/027/0005/008 groundwater abstraction	Not applicable	Use for industrial, commercial and public services	Low	Use for industrial, commercial and public services		Not applicable	Low	Use for industrial, commercial and public services		Not applicable	Yes	Located down-gradient
50	NE/027/0005/010 groundwater abstraction	Not applicable	Use for water supply	High	Use for water supply		Not applicable	High	Use for water supply		Not applicable	Yes	Located down-gradient
51	NE/027/0005/016 groundwater abstraction		Not applicable	Low	Use for industrial, commercial and public services		Not applicable	Low	Use for industrial, commercial and public services		Not applicable	Yes	Potentially down groundwater gradient
OHL Removal													
1	River Don part of the Don from Source to Scout Dyke WFD river catchment water body	Medium	The hydrological regime status is 'Supports Good' (2014 WFD data)		Not applicable	Medium	The hydromorphological supporting elements status is 'Supports Good' (2014 WFD data)	High	Physico-chemical quality elements status is Good (2016 WFD data)	High	within FZ2 and FZ3	Yes	The river passes through this element of the Proposed Project and runs parallel for much of its length
7	Smalden Clough brook, tributary of River Don part of the Don from Source to Scout Dyke WFD river catchment water body	Medium	The hydrological regime status is 'Supports Good' (2014 WFD data)		Not applicable	Medium	The hydromorphological supporting elements status is 'Supports Good' (2014 WFD data)	High	Physico-chemical quality elements status is Good (2016 WFD data)	High	Within a zone at 'High' risk of surface water flooding	Yes	The watercourse is in close proximity to this element of the Proposed Project but partially culverted
8	Unnamed tributary of River Don flowing parallel to Smalden Clough, part of the Don from Source to Scout Dyke WFD river catchment water body	Medium	The hydrological regime status is 'Supports Good' (2014 WFD data)		Not applicable	Medium	The hydromorphological supporting elements status is 'Supports Good' (2014 WFD data)	High	Physico-chemical quality elements status is Good (2016 WFD data)	High	Within a zone at 'High' risk of surface water flooding	Yes	The watercourse is in close proximity to this element of the Proposed Project
10	Clough Beck, tributary of River Don part of the Don from Source to Scout Dyke WFD river catchment water body	Medium	The hydrological regime status is 'Supports Good' (2014 WFD data)		Not applicable	Medium	The hydromorphological supporting elements status is 'Supports Good' (2014 WFD data)	High	Physico-chemical quality elements status is Good (2016 WFD data)	High	Within a zone at 'High' risk of surface water flooding	Yes	The watercourse is crossed by this element of the Proposed Project
12	Drains, tributaries of River Don part of the Don from Source to Scout Dyke WFD river catchment water body	Medium	The hydrological regime status is 'Supports Good' (2014 WFD data)		Not applicable	Medium	The hydromorphological supporting elements status is 'Supports Good' (2014 WFD data)	High	Physico-chemical quality elements status is Good (2016 WFD data)	Low	Part of local surface water drainage network	Yes	Crossed by this element of the Proposed Project
14	Unmapped field drains	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Part of the local drainage network	Yes	Likely to be present in close proximity to this element of the Proposed Project
15	Sinks	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Present in close proximity to this element of the Proposed Project
16	Issues	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Present in close proximity to this element of the Proposed Project
18	Grains/grougns (a natural channel or fissure in a peat moor)	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Likely to be present in close proximity to this element of the Proposed Project
20	Pond at Castle Hill (X=417,787; Y=402,886)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Present in close proximity to this element of the Proposed Project
21	Pond South of Winscar Reservoir (X=415,689; Y=402,379)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Present in close proximity to this element of the Proposed Project
22	Pond 1 near Woodhead Tunnels (disused) (X=415,517; Y=402,281)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Present in close proximity to this element of the Proposed Project
23	Pond 1 near Woodhead Tunnels (disused) (X=415,494; Y=402,255)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Present in close proximity to this element of the Proposed Project
24	Pond at Townhead (X=416,663; Y=402,767)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Present in close proximity to this element of the Proposed Project
28	Pond along Smalden Clough (X=415,136; Y=401,845)	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Low	Initially Uncertain but upgraded to Low as located within the Study Area	Low	Initially Uncertain but upgraded to Low as located within the Study Area		Not applicable	Yes	Present in close proximity to this element of the Proposed Project
30	Winscar Reservoir	High	Is a licensed or unlicensed surface water abstraction site used for water supply or agriculture		Not applicable		Not applicable	High	Is a licensed or unlicensed surface water abstraction site used for water supply or agriculture		Not applicable	Yes	This reservoir is used for water supply and is located to the west of this element of the Proposed Project
31	Lower Windleden Reservoir	High	Is a licensed or unlicensed surface water abstraction site used for water supply or agriculture		Not applicable		Not applicable	High	Is a licensed or unlicensed surface water abstraction site used for water supply or agriculture		Not applicable	Yes	This reservoir is used for water supply and is located to the south of this element of the Proposed Project
34	Layers of peat (6 no.)	Medium	Initially Uncertain but upgraded to Medium as peats can be considered to be part of a sensitive & protected water-dependent ecosystems with regional or local importance (LNR).	Medium	Initially Uncertain but upgraded to Medium as peats can be considered to be part of a sensitive & protected groundwater-dependent ecosystems with regional or local importance (LNR).		Not applicable	Very Low	Initially Uncertain but upgraded to Negligible as peats are not directly linked to water quality		Not applicable	Yes	6 layers of peat are located within 600m of the Study Area. Peats are linked to the local hydrology and hydrogeology as peats are formed on water-logged soils
36	Peak District Moors (South Pennine Moors Phase 1) SPA	Very Low	Designated due to the birds ecology	Very Low	Designated due to the birds ecology	Very Low	Designated due to the birds ecology	Very Low	Designated due to the birds ecology	Very Low	Designated due to the birds ecology	No	Located to the west of this element of the Proposed Project. Designated due to the birds ecology
37	South Pennine Moors SAC	High	Presence of Northern Atlantic wet heaths with Erica tetralix, European dry heaths, blanket bog, transition mires and quaking bogs	High	Presence of Northern Atlantic wet heaths with Erica tetralix, European dry heaths, blanket bog, transition mires and quaking bogs	Very Low	Peats and moors are not directly dependent to hydromorphology	Very Low	Peats and moors are not directly dependent to water quality		Not applicable	Yes	Located to the west of this element of the Proposed Project. Presence of Northern Atlantic wet heaths with Erica tetralix, European dry heaths, blanket bog, transition mires and quaking bogs
38	Dark Peak SSSI	High	Presence of blanket mire and peat and wet and dry heaths	High	Presence of blanket mire and peat and wet and dry heaths	Very Low	Peats and moors are not directly dependent to hydromorphology	Very Low	Peats and moors are not directly dependent to water quality		Not applicable	Yes	Located to the west of this element of the Proposed Project. Presence of blanket mire and peat and wet and dry heaths
40	2/27/10/090(S) (2 no.) surface water abstraction	High	Used for industrial, commercial and public services purposes		Not applicable		Not applicable	High	Used for industrial, commercial and public services purposes		Not applicable	Yes	Potentially down groundwater gradient
41	NE/027/0005/006 surface water abstraction	Medium	Production of Energy		Not applicable		Not applicable	Medium	Production of Energy		Not applicable	Yes	River Don abstraction site located downstream of this element of the Proposed Project
42	NE/027/0005/007 surface water abstraction	Medium	Production of Energy		Not applicable		Not applicable	Medium	Production of Energy		Not applicable	Yes	River Don abstraction site located downstream of this element of the Proposed Project
43	Don & Rother Millstone Grit & Coal Measures WFD groundwater body (Secondary A bedrock and superficial aquifer)		Not applicable	High	The quantitative status is 'Good' (2015 WFD data)		Not applicable	Medium	Is a secondary A aquifer with a 'Poor' WFD Chemical Status		Not applicable	Yes	This element of the Proposed Project is within this groundwater body
44	Wells		Not applicable	Low	Initially Negligible but upgraded to Low as located within the Study Area but have no abstraction records		Not applicable	Low	Initially Negligible but upgraded to Low as located within the Study Area but have no abstraction records		Not applicable	Yes	Present in close proximity to this element of the Proposed Project
45	Boreholes		Not applicable	Low	Initially Negligible but upgraded to Low as located within the Study Area but have no abstraction records		Not applicable	Low	Initially Negligible but upgraded to Low as located within the Study Area but have no abstraction records		Not applicable	Yes	Located downstream.
46	2/27/10/090(G) groundwater abstraction		Not applicable	Low	Use for industrial, commercial and public services		Not applicable	Low	Use for industrial, commercial and public services		Not applicable	Yes	Potentially down groundwater gradient

		Receptor Class												Retain for further assessment? Yes/No	Justifications
		Surface Water Resources		Groundwater Resources		Hydromorphology		Water Quality		Flooding & Drainage					
No.	Receptor Name	Value Class	Justification	Value Class	Justification	Value Class	Justification	Value Class	Justification	Value Class	Justification				
47	2/27/10/091 groundwater abstraction		Not applicable	Low	Use for industrial, commercial and public services		Not applicable	Low	Use for industrial, commercial and public services		Not applicable	Yes	Potentially down groundwater gradient		
48	NE/027/0005/001 groundwater abstraction		Not applicable	Medium	Use for environmental purposes		Not applicable	Medium	Use for environmental purposes		Not applicable	Yes	Located down-gradient		
49	NE/027/0005/008 groundwater abstraction		Not applicable	Low	Use for industrial, commercial and public services		Not applicable	Low	Use for industrial, commercial and public services		Not applicable	Yes	Located down-gradient		
50	NE/027/0005/010 groundwater abstraction		Not applicable	High	Use for water supply		Not applicable	High	Use for water supply		Not applicable	Yes	Located down-gradient		
51	NE/027/0005/016 groundwater abstraction		Not applicable	Low	Use for industrial, commercial and public services		Not applicable	Low	Use for industrial, commercial and public services		Not applicable	Yes	Potentially down groundwater gradient		
52	NE/027/0005/016 groundwater abstraction		Not applicable	Low	Use for industrial, commercial and public services		Not applicable	Low	Use for industrial, commercial and public services		Not applicable	Yes	Potentially down groundwater gradient		