



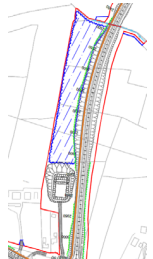
Appendix C5.03

Construction Compound Locations Assessment

Section 1			Environmental Assessment											
Area	Chainage		Population	Human Health	Biodiversity Aquatic	Biodiversity Terrestrial	Land & Soil	Water	Climate	Air	Noise	Material Assets Agric	Material Assets Non-Ag	Cultural Heritage
1	CH.1+500 – Ch. 1+750 (area inside the CPO – at Ballybofey Interchange)		Within works area and at opposite side of proposed construction area from several nearby residential receptors. Schools, recreational / amenity facilities and other sensitive community uses not proximate. Over 400m from Cappry Rovers soccer pitch.	Circa 3 residential properties located within 100 metres of the compound with potential for adverse dust impact on these properties. No other sensitive properties so the joint preferred option.	Preferences from Water Section also apply to Biodiversity Aquatic as they cover the aquatic receptors.	Identified as habitat mitigation area – for species rich grassland mix, for pollinators. Landscape post use	Already located in an area of significant construction with cutting of rock between Ch.1300-Ch.1600. Rated as an area of High Vulnerability (as opposed to Extreme). Area is not considered an important aquifer resource; classified as a Poor Aquifer although a groundwater well identified 37m from mainline at the east of the proposed compound area.	No natural watercourses identified. Proposed interceptor ditches locally, high risk of hydrocarbon spills at compounds, filling and servicing machinery. High risk of sediments runoff from stoned compound yard. Runoff to interceptor ditches (if active) would have to be treated.	No Preference	Circa 3 residential properties located within 100 metres of the compound with potential for adverse dust impact on these properties. No other sensitive properties so the joint preferred option.	Area will require significant construction in any case. Additional use of compound will not significantly change the potential impact.	Already considered and assessed	Would not impact on non-agricultural land uses in terms of land take or access.	No known constraints to site. House NIAH 40907720 to immediate NE
2	Ch. 0+050 - Ch. 0+300m (area inside the CPO – At Northern Link Road)		Less than 100m from c5 residential properties, though located on opposite side of N13 road. Schools, recreational / amenity facilities and other sensitive community uses not proximate.	Circa 5 residential properties located within 100 metres of the compound with potential for adverse dust impact on these properties. Impacts on a slightly higher number of properties but similar overall to Option 1.		Identified as habitat mitigation area. Potential to plant with native wet woodland and wet grassland post use. However potential to plant with semi native woodland, oak, birch, holly hazel mix post use. Proximity to watercourse	Already located in an area of rock cut between Ch125-Ch.275. Rated as an area of Moderate-High Vulnerability (as opposed to Extreme). Classified as a LI Aquifer although no groundwater wells identified in proximity. Some potential for soft ground- Blanket Peat	Located 50m from Cloghroe River, 75m from Magheracorran Stream. High risk of hydrocarbon spills at compounds, filling and servicing machinery. High risk of sediments runoff from stoned compound yard. Runoff to be prevented from outfalling to Cloghroe River without treatment. Located within National Indicative Fluvial Mapping (NIFM) River Flood Extents 100 yr Present Day.	No Preference	Circa 5 residential properties located within 100 metres of the compound with potential for adverse dust impact on these properties. Impacts on a slightly higher number of properties but similar overall to Option 1.	Area will require significant construction in any case. Additional use of compound will not significantly change the potential impact.	Already considered and assessed	Would not impact on non-agricultural land uses in terms of land take or access.	No known constraints to site, proximity to river at N heightened archaeological sensitivity
3	CH.3+150 – Ch. 3+550 Lifford Road Tie In (near local quarry) within CPO		Less than 50m from golf course and c. 200m from St. Joseph's Hospital and within 200m of 3 dwelling houses, noting quarry separates the proposed location from the dwelling houses.	Circa 3 residential properties located within 200 metres of the compound with potential for adverse dust impact on these properties. Circa 200 metres from the hospital with potential for dust and construction traffic impact on this sensitive receptor. Intermediate due to the hospital proximity.		Identified as habitat mitigation area. Potential to plant with Species rich grassland/scrub post use.	Construction will be fill from 2950-3040 and rock cut from Ch. 2500-2950. Compound is Ch. 2500-2920. Rated as an area of High Vulnerability (as opposed to Extreme) in proximity to outcropping bedrock/ historic quarry. Classified as a LI Aquifer although no nearby groundwater wells identified in proximity.	Located adjacent to Treanamullen Stream. High risk of hydrocarbon spills at compounds, filling and servicing machinery. High risk of sediments runoff from stoned compound yard. Runoff to be prevented from outfalling to Treanamullen without treatment.	No Preference	Circa 3 residential properties located within 200 metres (1 within 100m) of the compound with potential for adverse dust impact on these properties. Circa 200 metres from the hospital with potential for dust and construction traffic impact on this sensitive receptor. Intermediate due to the hospital proximity.	Area includes significant cutting and construction. Additional use of compound will not significantly change the potential impact.	Already considered and assessed	Would not impact on non-agricultural land uses in terms of land take.	No known constraints to site, proximity to 40907836 Famine Graveyard to W

Preferred
Intermediate
Least Preferred

NOTE: RED Line = Permanent CPO
 BLUE Line = Temporary CPO

Section 1			Environmental Scoring Summary							Engineering Assessment				Engineering Scoring Summary					OVERALL					
Area	Chainage	Landscape	TOTAL Green/Amber/Red			Total - Check	SCORE Green/Amber/Red			Environment Assessment Score	Access to Main Construction Works	Site Area (in Acres)	Landowner Impact	Locations that offer post scheme Benefits such as potential for landscape, Park and Share, etc..	TOTAL Green/Amber/Red			Total - Check	SCORE Green/Amber/Red			Engineering Assessment Score	TOTAL SCORE	RANK
1	CH.1+500 – Ch. 1+750 (area inside the CPO – at Ballybofey Interchange)	 Located in the Finn Valley LCA Located in an area of Medium Scenic Amenity.	12	1	0	13	3	2	1	38	Access to main construction works area will require using the local road network	4.46	Lands already included in the CPO	Potential for Landscape and Deposition Area	2	2	0	4	3	2	1	10	48	1
2	Ch. 0+050 - Ch. 0+300m (area inside the CPO – At Northern Link Road)	 Located in the Finn Valley LCA Located in an area of High Scenic Amenity. Potential adverse visual impacts on local residential properties to the immediate west and south west.	4	3	6	13	3	2	1	24	Good Access as located in main construction works area and accessed from Primary Road Network.	1.60	Lands already included in the CPO	Potential for Park and Share / Cycle Facility.	3	0	1	4	3	2	1	10	34	3
3	CH.3+150 – Ch. 3+550 Lifford Road Tie In (near local quarry) within CPO	 Located in the Finn Valley LCA Located in an area of Medium Scenic Amenity. Potential visual impacts on residential properties to the south and south west of compound location. Potential for localised visual impacts on receptors on the N15.	5	8	0	13	3	2	1	31	Good Access as located in main construction works area and accessed from Primary Road Network.	4.82	Lands already included in the CPO	Potential for Landscape and noise mitigation measures.	3	1	0	4	3	2	1	11	42	2

<3 Acres
>3 but <6 acres
>6 acres

Preferred
Intermediate
Least Preferred

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Section 2			Environmental Assessment										
Location	Chainage	Map	Population	Human Health	Biodiversity Aquatic	Biodiversity Terrestrial	Land & Soil	Water	Climate	Air	Noise	Material Assets Agric	Material Assets Non-Ag
1a + 1b	CH.0+100 – Ch. 0+200 near Southern Tie-in		Adjacent 2 no. dwelling houses, these would be located between compound and road/junction works areas, with considerable potential to impact on residential amenity. 2 other dwellings near but on opposite side of road. Schools, recreational / amenity facilities and other sensitive community uses not proximate.	2 residential properties located within 100 metres of the compound with potential for adverse dust impact on these properties.	Preferences from Water Section also apply to Biodiversity Aquatic as they cover the aquatic receptors.	Outside the CPO, however potential to plant with native woodland and species rich grassland post use.	Rated as an area of High Vulnerability (as opposed to Extreme). Area is not considered an important aquifer resource; classified as a Poor Aquifer although one groundwater well identified upgradient of the proposed location to the east. Already located in an area of significant construction-with rock cut between Ch.800 - Ch1800.	No natural watercourses identified. Proposed interceptor ditches locally, high risk of hydrocarbon spills at compounds, filling and servicing machinery. High risk of sediments runoff from stoned compound yard. Runoff to interceptor ditches (if active) would have to be treated.	No Preference	2 residential properties located within 100 metres of the compound with potential for adverse dust impact on these properties.	Area will require significant construction. Additional use of compound will not significantly change the potential impact.	Additional land take, no severance	Close to commercial premises to south. Would not impact on non-agricultural land uses in terms of land take or access.
2	CH.0+200 – Ch. 0+300 South of Proposed Bonagee Roundabout		Over 100m from any dwelling houses. Schools, recreational / amenity facilities and other sensitive community uses not proximate.	No residential properties impacted so no dust impact - preferred.		Identified as habitat mitigation area. Potential to plant with native wet woodland and wet grassland post use.	Rated as an area of Moderate Vulnerability and of Local Importance- Lg Aquifer. GSI Well- GSI 2041SEW129- excellent yielding well is located approx. 240m to west (side gradient). Potential for soft ground- Alluvium.	Located within Swilly floodplain area, 80m from Bunnagee Drain, proposed interceptor ditches locally. High risk of hydrocarbon spills at compounds, filling and servicing machinery. High risk of sediments runoff from stoned compound yard. Runoff to interceptor ditches (if active) would have to be treated. Risk of flooding should be reduced if Flood Comp Areas and drainage realignments are constructed first.	No Preference	No residential properties impacted so no dust impact - preferred.	Area will require significant construction in any case. Additional use of compound will not significantly change the potential impact.	Already considered and assessed	Close to a number of commercial premises in this area. Would not impact on non-agricultural land uses in terms of land take or access.
4	CH.0+000 – Ch. 0+150 Trimragh Junction		Approx 8 dwelling houses within 100m. All at opposite side of local road. Schools, recreational / amenity facilities and other sensitive community uses not proximate.	8 residential properties located within 100 metres of the compound with potential for adverse dust impact on these properties.		Identified as habitat mitigation area. 3 rd Schedule Invasive Species Japanese Knotweed recorded at this location. Potential to plant with species rich grassland post use. Woodland to be avoided if the area is used as a percolation for neighbouring houses	Rated as an area of High Vulnerability (as opposed to Extreme). LI Aquifer- 2 wells identified: GSI Well 2041SEW027, poor yielding- 250m to the west and another 310m to the east, neither are downgradient of the proposed compound location. Already located in an area of significant construction.	Located 80m from Farseltmore Stream. Proposed interceptor ditches locally. High risk of hydrocarbon spills at compounds, filling and servicing machinery. High risk of sediments runoff from stoned compound yard. Runoff to interceptor ditches (if active) would have to be treated.	No Preference	8 residential properties located within 100 metres of the compound with potential for adverse dust impact on these properties.	Area will require significant construction in any case. Additional use of compound will not significantly change the potential impact.	Additional land take, no severance	Would not impact on non-agricultural land uses in terms of land take or access. No businesses or non-agricultural uses directly adjacent but closer to more non-agricultural uses and roads used to access than Option 8.
5	CH.0+100 – Ch. 0+300 North of Dry Arch		The nearest dwelling houses, though some are within 100m, are located on the opposite side of a busy roundabout or are separated from the site by commercial premises. Site is adjacent to Bonagee United pitches / community hall and the Indian Community Centre. A church is located in the industrial area just west of the Bonagee United grounds.	2 residential properties located within 100 metres of the compound with potential for adverse dust impact on these properties.		located near flood attenuation/storage area and integrated wetland/pond. Plant with native wet woodland/grassland post use	Rated as an area of Moderate Vulnerability. Lg Aquifer & located upgradient of excellent yielding well GSI 2041SEW129 (Industrial Use). Already located in an area of significant construction. Potential for soft ground- Alluvium.	Located within Swilly floodplain area, atop the Bunnagee Drain, proposed interceptor ditches locally. High risk of hydrocarbon spills at compounds, filling and servicing machinery. High risk of sediments runoff from stoned compound yard. Runoff to interceptor ditches (if active) would have to be treated. Risk of flooding should be reduced if Flood Comp Areas and drainage realignments are constructed first.	No Preference	2 residential properties located within 100 metres of the compound with potential for adverse dust impact on these properties.	Area will require significant construction in any case. Additional use of compound will not significantly change the potential impact.	Already considered and assessed	Possible land take of commercial premises outside of CPO line but this may be disused?? Commercial and community uses to west.
6	CH.1+700 – Ch. 1+900 - (area outside the CPO following landowner boundary) – North of Proposed Dromore Roundabout		Adjacent to a residential property boundary at SW corner, this and two other dwellings within 100m. Several more within 200m though largely a commercial area. Schools, recreational / amenity facilities and other sensitive community uses not proximate.	3 residential properties located within 100 metres of the compound with potential for adverse dust impact on these properties.		Inside/outside the CPO, in wet grassland, however potential to plant with native wet woodland/wet grassland post use. Proximal to watercourses flowing to the Swilly SAC/SPA	Rated as an area of predominantly Moderate Vulnerability. Predominantly Lg and LI Aquifer classification. Closest well identified 360m upgradient of the proposed location (no GSI well in proximity). Already located in an area of significant construction.	Located outside the floodplain area, proposed interceptor ditches locally. High risk of hydrocarbon spills at compounds, filling and servicing machinery. High risk of sediments runoff from stoned compound yard. Runoff to interceptor ditches (if active) would have to be treated.	No Preference	3 residential properties located within 100 metres of the compound with potential for adverse dust impact on these properties.	Area will require significant construction in any case. Additional use of compound will not significantly change the potential impact.	Additional land take, no severance	Would not impact on non-agricultural land uses in terms of land take or access. Industrial uses to north and east.
7	CH.0+400 – Ch. 0+700 Near to L-11141 tie-in		Approx 8 dwelling houses within 100m. Several more within 200m. Schools, recreational / amenity facilities and other sensitive community uses not proximate.	8 residential properties located within 100 metres of the compound with potential for adverse dust impact on these properties.		Outside the CPO, in improved agricultural grassland, however potential to plant with native grassland/woodland post use. Proximal to watercourses flowing to the Swilly SAC/SPA	Rated as an area of predominantly Moderate Vulnerability. Predominantly Lg/LI Aquifer; no downgradient wells in proximity. Already located in an area requiring some construction. Potential for soft ground- Alluvium.	Located within Swilly Floodplain Area, proposed interceptor ditches locally. High risk of hydrocarbon spills at compounds, filling and servicing machinery. High risk of sediments runoff from stoned compound yard. Runoff to interceptor ditches (if active) would have to be treated. Risk of flooding should be reduced if Flood Comp Areas and drainage realignments are constructed first.	No Preference	8 residential properties located within 100 metres of the compound with potential for adverse dust impact on these properties.	Area will require some construction in any case, some properties close by. Additional use of compound will have some potential impact.	Additional land take, no severance	Would not impact on non-agricultural land uses in terms of land take or access. Industrial uses to west.
8	CH.0+350 – Ch. 0+680 on L-1064 (Raphoe Road) Southern Tie-in.		Over 180m from nearest dwelling house. Approx 6 houses at close to 200m distance from boundary. Nearest recreational facility is Old Foundry Paintball Games over 200m to south though this appears to be closed at the present time. At a remove from schools, other amenity facilities or sensitive community uses.	No residential properties impacted so no dust impact - preferred.		Inside/outside the CPO in wet grassland. Identified as potential mitigation area for Ecological Wet Woodland Planting, wet grassland	Rated as an area of High Vulnerability (as opposed to Extreme). Area is not considered an important aquifer resource; classified as a Poor Aquifer; one groundwater well/spring identified 500m downgradient of the proposed location. Already located in an area requiring some construction. Potential for soft ground- Blanket Peat.	Adjacent to small unidentified stream. Proposed interceptor ditches locally, high risk of hydrocarbon spills at compounds, filling and servicing machinery. High risk of sediments runoff from stoned compound yard. Runoff to interceptor ditches (if active) would have to be treated.	No Preference	No residential properties impacted so no dust impact - preferred.	Area will require some construction in any case, no properties close by. Additional use of compound will have little/no potential impact.	Additional land take, no severance	Would not impact on non-agricultural land uses in terms of land take or access. No businesses or non-agricultural uses directly adjacent.

Preferred
Intermediate
Not Preferred

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Section 2			Environmental Scoring Summary							Engineering Assessment				Engineering Scoring Summary				OVERALL								
Location	Chainage	Map	Cultural Heritage	Landscape	TOTAL Green/Amber/Red			Total - Check	SCORE Green/Amber/Red			Environment Assessment Score	Access to Main Construction Works	Site Area (in Acres)	Landowner Impact	Locations that offer post scheme Benefits such as potential for landscape, Park and Share, etc..	TOTAL Green/Amber/Red			Total - Check	SCORE Green/Amber/Red			Engineering Assessment Score	TOTAL SCORE	RANK
1a + 1b	CH.0+100 – Ch. 0+200 near Southern Tie-in		No known constraints to site	Located in single landscape character area Located in an area designated as Medium Scenic Amenity Visual Impacts on residential properties immediately adjacent	7	4	2	13	3	2	1	31	Access to works area without traversing local road network however is away from main works areas	4.88	Property needs added to CPO		1	3	0	4	3	2	1	9	40	3
2	CH.0+200 – Ch. 0+300 South of Proposed Bonagee Roundabout		No known constraints to site	Located in single landscape character area Located in an area designated as High Scenic Amenity, though located in an area considered to form part of the Urban fabric associated with Letterkenny with no residential properties in close proximity	9	1	3	13	3	2	1	32	Good Access as located in main construction works area	1.14	Lands already included in the CPO	Already part of CPO so no additional benefit	2	1	1	4	3	2	1	9	41	2
4	CH.0+000 – Ch. 0+150 Trimragh Junction		S area of existing carriageway archaeologically tested in part; northernmost portion untested and part of AAP F-2-07	Located in single landscape character area Located in an area designated as High Scenic Amenity. Potential for adverse, temporary visual impacts to be experienced from residential properties to east of compound location	2	10	1	13	3	2	1	27	Access to main construction works area will require using the local road network and or N13 national road.	2.30	Property needs added to CPO. Percolation system in place for neighbouring houses		0	1	3	4	3	2	1	5	32	2
5	CH.0+100 – Ch. 0+300 North of Dry Arch		No known constraints to site	Located in single landscape character area Located in an area designated as High Scenic Amenity, though located in an area considered to form part of the Urban fabric associated with Letterkenny. Potential for adverse visual, temporary impacts on residential properties to the south	5	3	5	13	3	2	1	26	Good Access as located in main construction works area	6.45	Lands already included in the CPO	No additional benefit	3	1	0	4	3	2	1	11	37	4
6	CH.1+700 – Ch. 1+900 - (area outside the CPO following landowner boundary) – North of Proposed Dromore Roundabout		No known constraints to site. Dromore House to SW	Located in single landscape character area Located in an area designated as High Scenic Amenity, though located in an area considered to form part of the Urban fabric associated with Letterkenny. Potential for adverse visual, temporary impacts on residential properties in close proximity	2	11	0	13	3	2	1	28	Good Access as located in main construction works area	4.95	Property needs added to CPO. Land is outside the Swilly floodplain and zoned for commercial use.		2	1	1	4	3	2	1	9	37	4
7	CH.0+400 – Ch. 0+700 Near to L-11141 tie-in		Adjacent Dromore Mill gable 40905390	Located in single landscape character area Located in an area designated as High Scenic Amenity, though located in an area considered to form part of the Urban fabric associated with Letterkenny. Potential for adverse visual, temporary impacts on residential properties in close proximity	1	10	2	13	3	2	1	25	Good Access as located in main construction works area	7.26	Property needs added to CPO		3	1	0	4	3	2	1	11	36	5
8	CH.0+350 – Ch. 0+680 on L-1064 (Raphoe Road) Southern Tie-in.		No Constraints to site	Located in single landscape character area Located in an area designated as Medium Scenic Amenity Potential Visual Impacts on residential properties at distances over 100m to the east and west	9	4	0	13	3	2	1	35	Access to works area without traversing local road network however is away from main works areas	8.90	Property needs added to CPO		2	2	0	4	3	2	1	10	45	1

Preferred
Intermediate
Not Preferred






<3 Acres
>3 but <6 acres
>6 acres

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Section 3			Environmental Assessment												
Location	Chainage	Map	Population	Human Health	Biodiversity Aquatic	Biodiversity Terrestrial	Land & Soil	Water	Climate	Air	Noise	Material Assets Agric	Material Assets Non-Ag	Cultural Heritage	Landscape
1	0+000 - 0+300m		one dwelling approximately 25m away, >125m to other dwellings	1 dwelling approximately 25m. No other dwellings within 100m	Preferences from Water Section also apply to Biodiversity Aquatic as they cover the aquatic receptors.	Low ecological value	Already located in an area of significant construction (located between proposed mainline and sideroads cuttings). Competent subsurface material. Rated as an area of Low Landslide risk. Rated as an area of Moderate Groundwater Vulnerability (as opposed to High or Extreme). Rated as Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	>200m to nearest watercourse Proposed interceptor ditches locally, high risk of hydrocarbon spills at compounds, filling and servicing machinery. High risk of sediments runoff from stoned compound yard. Runoff to interceptor ditches (if active) would have to be treated.	Will not increase carbon load already accounted for within the proposed road development.	1 dwelling approximately 25m. No other dwellings within 100m	Area will require significant construction. Additional use of compound will not significantly change the potential impact.	Already considered and assessed	Would not impact on non-agricultural land uses in terms of land take or access.	No known constraints to site, proximity to Isle Burn/Corkey River increases archaeological potential. Pluck Standing Stone (Nat Mon) 328m to SE	Located in the Lagan Valley LCA Located in an area of High Scenic Amenity. Located in close proximity to residential property (1 dwelling approximately 25m east)
2	0+900-1+100m		Nearest dwelling 72m	2 dwellings within 100m	Located adjacent to watercourse (10m) which is prone to flooding. High risk of hydrocarbon spills at compounds, filling and servicing machinery. High risk of sediments runoff from stoned compound yard. Runoff to interceptor ditches (if active) would have to be treated. Risk of flooding should be reduced if Flood Comp Areas and drainage realignments are constructed first.	Low ecological value	Already located between existing N14 and proposed Mainline. Competent subsurface material. Rated as an area of Low Landslide risk. Rated as an area of Moderate to High Groundwater Vulnerability. Rated as Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Located adjacent to watercourse (10m) which is prone to flooding. High risk of hydrocarbon spills at compounds, filling and servicing machinery. High risk of sediments runoff from stoned compound yard. Runoff to interceptor ditches (if active) would have to be treated. Risk of flooding should be reduced if Flood Comp Areas and drainage realignments are constructed first.	Will not increase carbon load already accounted for within the proposed road development.	2 dwellings within 100m	Area will require significant construction in any case. Additional use of compound will not significantly change the potential impact.	Additional land take, no severance	Would not impact on non-agricultural land uses in terms of land take or access.	No known constraints to site but south of recorded cist site DG054-039---, good terrain, heightened archaeological potential	Located in the Lagan Valley LCA Located in an area of High Scenic Amenity. Residential dwellings within 100m to south of location
3	2+600m		6 dwellings with 100m / sport pitch	6 dwellings with 100m / sport pitch	Located adjacent to watercourse (10m) which is prone to flooding. High risk of hydrocarbon spills at compounds, filling and servicing machinery. High risk of sediments runoff from stoned compound yard. Runoff to interceptor ditches (if active) would have to be treated. Risk of flooding should be reduced if Flood Comp Areas and drainage realignments are constructed first.	Low ecological value	Competent subsurface material. Rated as an area of Low Landslide risk. Rated as an area of Moderate Groundwater Vulnerability. Within the zone of influence of several groundwater wells. Rated as Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Located adjacent to watercourse (20m). High risk of hydrocarbon spills at compounds, filling and servicing machinery. High risk of sediments runoff from stoned compound yard. Runoff to interceptor ditches (if active) would have to be treated.	Will not increase carbon load already accounted for within the proposed road development.	6 dwellings with 100m / sport pitch	Area will require significant construction in any case. Additional use of compound will not significantly change the potential impact.	Already considered and assessed	Would not impact on non-agricultural land uses in terms of land take or access.	No known constraints to site, south of Drumoghill pitch, unrecorded holy well at approx. ITM 625812.909789 immediate NW of pitch	Located in the Lagan Valley LCA Located in an area of High Scenic Amenity. Residential dwellings immediately east of compound recreational facility (Sport pitch) immediately north
4	ch 6+600m - 6+800m		0 dwelling within approximately 280m. No other dwellings within 100m	1 dwelling approximately 280m. No other dwellings within 100m	Located adjacent to watercourse (10m) which is prone to flooding. High risk of hydrocarbon spills at compounds, filling and servicing machinery. High risk of sediments runoff from stoned compound yard. Runoff to interceptor ditches (if active) would have to be treated. Risk of flooding should be reduced if Flood Comp Areas and drainage realignments are constructed first.	Moderate ecological value	Up to 3m of potentially soft subsurface material (Alluvium/Peat) which may require mitigation measures. Rated as an area of Low Landslide risk. Rated as an area of Moderate to High Groundwater Vulnerability. Rated as Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Located adjacent to watercourse (30m). High risk of hydrocarbon spills at compounds, filling and servicing machinery. High risk of sediments runoff from stoned compound yard. Runoff to interceptor ditches (if active) would have to be treated.	Will not increase carbon load already accounted for within the proposed road development.	1 dwelling approximately 280m. No other dwellings within 100m	Area will require significant construction in any case. Additional use of compound will not significantly change the potential impact.	Already considered and assessed	Would not impact on non-agricultural land uses in terms of land take or access.	Location of an AAP F-3-08 and former vernacular farmstead M611, also relevant to road-take footprint	Located in the Lagan Valley LCA Located in an area of Medium Scenic Amenity.
5	ch 7+900m		0 dwelling within approximately 200m. No other dwellings within 100m	1 dwelling approximately 200m. No other dwellings within 100m	Located approximately 300m from a watercourse. High risk of hydrocarbon spills at compounds, filling and servicing machinery. High risk of sediments runoff from stoned compound yard. Runoff to interceptor ditches (if active) would have to be treated.	Low ecological value	Up to 3m of potentially soft subsurface material (Alluvium/Peat) which may require mitigation measures. Rated as an area of Low Landslide risk. Rated as an area of Moderate Groundwater Vulnerability. Rated as Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones	Located approximately 300m from a watercourse. High risk of hydrocarbon spills at compounds, filling and servicing machinery. High risk of sediments runoff from stoned compound yard. Runoff to interceptor ditches (if active) would have to be treated.	Will not increase carbon load already accounted for within the proposed road development.	1 dwelling approximately 200m. No other dwellings within 100m	Area will require significant construction in any case. Additional use of compound will not significantly change the potential impact.	Already considered and assessed	Would not impact on non-agricultural land uses in terms of land take or access.	No known constraints to site, good terrain	Located in the Lagan Valley LCA Located in an area of Medium Scenic Amenity.

Preferred
Intermediate
Least Preferred

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BLUE Line = Temporary CPO

Section 3			Environmental Scoring Summary						Engineering Assessment				Engineering Scoring Summary						OVERALL						
Location	Chainage	Map	TOTAL Green/Amber/Red			Total - Check	SCORE Green/Amber/Red			Environment Assessment Score	Access to Main Construction Works	Site Area (in Acres)	Landowner Impact	Locations that offer post scheme Benefits such as potential for landscape, Park and Share, etc..	TOTAL Green/Amber/Red			Total - Check	SCORE Green/Amber/Red			Engineering Assessment Score	TOTAL SCORE	RANK	
1	0+000 - 0+300m		9	4	0	13	3	2	1	35	Good Access to compound from road network as located in main construction works area. Can access from the proposed new link road via pluck roundabout. Access to site will have to cross the existing N14.	6.90	Lands already included in the CPO	Park and Share Site	3	1	0	4	3	2	1	11	46	1	Preferr ed
2	0+900-1+100m		6	5	2	13	3	2	1	30	Good Access as located in main construction works area	3.20	Lands already included in the CPO	No additional benefit	2	2	0	4	3	2	1	10	40	2	
3	2+600m		7	3	3	13	3	2	1	30	Good Access as located in main construction works area	0.80	Lands already included in the CPO	No additional benefit, Can be used for landscaping and biodiversity offset	1	1	2	4	3	2	1	7	37	1	Preferr ed
4	ch 6+600m - 6+800m		8	3	2	13	3	2	1	32	Direct Access to the mainline alignment.	1.80	Lands already included in the CPO	No additional benefit	2	1	1	4	3	2	1	9	41	2	
5	ch 7+900m		12	1	0	13	3	2	1	38	Traffic on R236 will increase in the area, with the machinery it would be more dangerous as well, for traffic and people in the area	1.6 - scope to increase by approx. 1 - 1.5 acre if storage provided on opposite side of proposed slip road)	Lands already included in the CPO	No additional benefit	1	2	1	4	3	2	1	8	46	1	Preferr ed

Preferred
Intermediate
Least Preferred

<3 Acres
>3 but <6 acres
>6 acres

NOTE: RED Line = Permanent CPO
 BLUE Line = Temporary CPO