Appendix 18.2: IAQM Assessment Methodology - Results

Determination of Pathway Effectiveness

Receptor	r	Activities within 400m	Receptor Distance Categorisation	Frequency of Potentially Dusty Wind	Pathway Effectiveness
	Residential -	Unpaved on-site haul route	Close	Very frequent	Highly effective
R1	Kilfinnan	Upgrade of existing access track / road	Close	Very frequent	Highly effective
	Residential -	Paved on-site haul route	Close	Very frequent	Highly effective
R2	Glenjade Cottage	Upgrade of existing access track / road	Close	Very frequent	Highly effective
R3	Residential - Laggan	Paved on-site haul route	Distant	Very frequent	Moderately effective
KS	Locks	Upgrade of existing access track/ road	Distant	Very frequent	Moderately effective
R4	Laggan Locks Car	Paved on-site haul route	Distant	Very frequent	Moderately effective
N4	Park	Upgrade of existing access track / road	Distant	Very frequent	Moderately effective
R5	West Highlands	Paved on-site haul route	Distant	Very frequent	Moderately effective
СЛ	Sailing Shop	Upgrade of existing access track / road	Distant	Very frequent	Moderately effective
		Paved on-site haul route	Close	Very frequent	Highly effective
R6	Glengarry Lodges	Upgrade of existing access track / road	Close	Very frequent	Highly effective
	Decidential	Paved on-site haul route	Close	Very frequent	Highly effective
R7	Residential - Balmaglaster	Upgrade of existing access track / road	Close	Very frequent	Highly effective
	Pacidontial	Paved on-site haul route	Close	Very frequent	Highly effective
R8	Residential - Balmaglaster	Upgrade of existing access track / road	Close	Very frequent	Highly effective
	Residential -	Paved on-site haul route	Close	Very frequent	Highly effective
R9	Stoneyfield	Upgrade of existing access track / road	Close	Very frequent	Highly effective
R10	Residential - Rose	Paved on-site haul route	Distant	Very frequent	Moderately effective
KIU	Cottage	Upgrade of existing access track / road	Distant	Very frequent	Moderately effective
R11	Residential - Lilac	Paved on-site haul route	Distant	Very frequent	Moderately effective
	Cottage	Upgrade of existing access track / road	Distant	Very frequent	Moderately effective
R12	Residential -	Paved on-site haul route	Distant	Very frequent	Moderately effective
N12	Balalastair Cottage	Upgrade of existing access track / road	Distant	Very frequent	Moderately effective
R13	The Great Glen	Paved on-site haul route	Distant	Very frequent	Moderately

Receptor		Activities within 400m	Receptor Distance Categorisation	Frequency of Potentially Dusty Wind	Pathway Effectiveness
	Youth Hostel				effective
		Upgrade of existing access track / road	Distant	Very frequent	Moderately effective
	Residential - Laggan	Paved on-site haul route	Distant	Very frequent	Moderately effective
R14	Lea	Upgrade of existing access track / road	Distant	Very frequent	Moderately effective
D4.5	Residential - Laggan	Paved on-site haul route	Distant	Very frequent	Moderately effective
R15	Cottage	Upgrade of existing access track / road	Distant	Very frequent	Moderately effective
	5 1.4	Paved on-site haul route	Close	Very frequent	Highly effective
R16	Residential - Mogwy Cottage	Upgrade of existing access track / road	Close	Very frequent	Highly effective
	Desidential Newth	Paved on-site haul route	Close	Very frequent	Highly effective
R17	Residential - North Laggan Farmhouse	Upgrade of existing access track/ road	Close	Very frequent	Highly effective
D4.0	Leisure - Great Glen	Paved on-site haul route	Distant	Very frequent	Moderately effective
R18	Water Park	Upgrade of existing access track / road	Distant	Very frequent	Moderately effective
	Residential - Bridge Cottage	Paved on-site haul route	Distant	Very frequent	Moderately effective
R19		Upgrade of existing access track / road	Distant	Very frequent	Moderately effective
		Off-site access road	Close	Very frequent	Highly effective
		Paved on-site haul route	Distant	Very frequent	Moderately effective
R20	Residential - North Laggan	Upgrade of existing access track / road	Distant	Very frequent	Moderately effective
		Off-site access road	Close	Very frequent	Highly effective
R21	Residential -	Paved on-site haul route	Distant	Very frequent	Moderately effective
KZ1	Lochoich Lodge	Upgrade of existing access track / road	Distant	Very frequent	Moderately effective
D22	Residential - The	Paved on-site haul route	Distant	Very frequent	Moderately effective
R22	Cypresses	Upgrade of existing access track / road	Distant	Very frequent	Moderately effective
		Paved on-site haul route	Close	Very frequent	Highly effective
R23	Residential - A82	Upgrade of existing access track / road	Close	Very frequent	Highly effective
		Off-site access road	Close	Very frequent	Highly effective
		Paved on-site haul route	Close	Very frequent	Highly effective
R24	Residential - A82	Upgrade of existing access track / road	Close	Very frequent	Highly effective
		Off-site access road	Close	Very frequent	Highly effective
	•				

Recepto	r	Activities within 400m	Receptor Distance Categorisation	Frequency of Potentially Dusty Wind	Pathway Effectiveness
		Paved on-site haul route	Close	Very frequent	Highly effective
R25	Residential - A82	Upgrade of existing access track / road	Close	Very frequent	Highly effective
		Off-site access road	Close	Very frequent	Highly effective
		Paved on-site haul route	Close	Very frequent	Highly effective
R26	Residential - A82	Upgrade of existing access track / road	Close	Very frequent	Highly effective
	Off-site access road Paved on-site haul route	Off-site access road	Close	Very frequent	Highly effective
		Paved on-site haul route	Close	Very frequent	Highly effective
R27	Residential - A82	Upgrade of existing access track / road	Close	Very frequent	Highly effective
		Off-site access road	Close	Very frequent	Highly effective
		Unpaved on-site haul route	Close	Very frequent	Highly effective
R28	Highland Lodges	Upgrade of existing access track / road	Close	Very frequent	Highly effective
		Unpaved on-site haul route	Close	Very frequent	Highly effective
R29	Kilfinnan Lodges	Upgrade of existing access track / road	Close	Very frequent	Highly effective
	Residential - Forest	Unpaved on-site haul route	Close	Very frequent	Highly effective
R30	Gate Cottage	Upgrade of existing access track / road	Close	Very frequent	Highly effective
	Residential -	Unpaved on-site haul route	Close	Very frequent	Highly effective
R31	Faichem Wood House	Upgrade of existing access track / road	Close	Very frequent	Highly effective
	Pacidontial	Unpaved on-site haul route	Intermediate	Very frequent	Highly effective
R32	Residential - Grianach	Upgrade of existing access track / road	Intermediate	Very frequent	Highly effective
	Pacidontial	Unpaved on-site haul route	Intermediate	Very frequent	Highly effective
R33	Residential - Faichem Lodge	Upgrade of existing access track / road	Intermediate	Very frequent	Highly effective
	Residential -	Unpaved on-site haul route	Intermediate	Very frequent	Highly effective
R34	Glengarry Lodge	Upgrade of existing access track / road	Intermediate	Very frequent	Highly effective
D25	Decidential Failer	Unpaved on-site haul route	Distant	Very frequent	Moderately effective
R35	Residential - Egilsay	Upgrade of existing access track / road	Distant	Very frequent	Moderately effective
D2.C	Residential -	Unpaved on-site haul route	Distant	Very frequent	Moderately effective
R36	Glenulie	Upgrade of existing access track / road	Distant	Very frequent	Moderately effective
		Lower reservoir works (A)	Close	Very frequent	Highly effective
R37	Loch Lochy	Creation of new temporary access track	Intermediate	Very frequent	Highly effective

Recepto	r	Activities within 400m	Receptor Distance Categorisation	Frequency of Potentially Dusty Wind	Pathway Effectiveness
		Lower reservoir works (A)	Intermediate	Very frequent	Highly effective
R38	Loch Lochy	Creation of new temporary access track	Distant	Very frequent	Moderately effective
D20	Loch Lochy	Lower reservoir works ^(A)	Distant	Very frequent	Moderately effective
R39	Loch Lochy	Creation of new temporary access track	Distant	Very frequent	Moderately effective
	Residential -	Unpaved on-site haul route	Close	Very frequent	Highly effective
R40	Forestry Commission	Upgrade of existing access track / road	Close	Very frequent	Highly effective
		Unpaved on-site haul route	Distant	Very frequent	Moderately effective
ER1a	South Laggan Fen	Upgrade of existing access track / road	Distant	Very frequent	Moderately effective
		Off-site access road	Close	Very frequent	Highly effective
		Unpaved on-site haul route	Distant	Very frequent	Moderately effective
ER1b	South Laggan Fen	Upgrade of existing access track / road	Distant	Very frequent	Moderately effective
		Off-site access road	Close	Very frequent	Highly effective
		Unpaved on-site haul route	Distant	Very frequent	Moderately effective
ER1c	South Laggan Fen	Upgrade of existing access track / road	Distant	Very frequent	Moderately effective
		Off-site access road	Close	Very frequent	Highly effective
		Unpaved on-site haul route	Distant	Very frequent	Moderately effective
ER1d	South Laggan Fen	Upgrade of existing access track / road	Distant	Very frequent	Moderately effective
		Off-site access road	Close	Very frequent	Highly effective

Note:

(A) Relevant construction activities within the lower reservoir works include drill, blast, muck and haul techniques, rock cutting, the loading of HDVs and barges with excavated rock and tunnel spoil, the creation of new temporary access tracks, the upgrading of existing access tracks, the construction of infrastructure (including the jetty and tailrace), unpaved on-site haul routes and some temporary stockpiles.

It should be noted that in the absence of meteorological data, the frequency of potentially dusty winds was assumed to be 'very frequent', i.e. "the frequency of winds (>5 m/s) from the direction of the dust source on dry days are greater than 20%", at all sensitive receptors. The pathway effectiveness at all receptors is therefore considered to present an overestimation of actual impacts.

Determination of Dust Impact Risk

Receptor		Dust Generating Activities within 400m	Residual Source Emissions	Pathway Effectiveness	Dust Impact Risk
	6 .1	Unpaved on-site haul route	Medium	Highly effective	Medium risk
R1	Residential - Kilfinnan	Upgrade of existing access track / road	Medium	Highly effective	Medium risk

Recepto	or	Dust Generating Activities within 400m	Residual Source Emissions	Pathway Effectiveness	Dust Impact Risk
	Decidential	Paved on-site haul route	Small	Highly effective	Low risk
R2	Residential - Glenjade Cottage	Upgrade of existing access track / road	Medium	Highly effective	Medium risk
R3	Residential - Laggan	Paved on-site haul route	Small	Moderately effective	Negligible risk
N3	Locks	Upgrade of existing access track / road	Medium	Moderately effective	Low risk
R4	Laggan Locks Car	Paved on-site haul route	Small	Moderately effective	Negligible risk
K4	Park	Upgrade of existing access track / road	Medium	Moderately effective	Low risk
R5	West Highlands	Paved on-site haul route	Small	Moderately effective	Negligible risk
N3	Sailing Shop	Upgrade of existing access track / road	Medium	Moderately effective	Low risk
		Paved on-site haul route	Small	Highly effective	Low risk
R6	Glengarry Lodges	Upgrade of existing access track / road	Medium	Highly effective	Medium risk
	Residential -	Paved on-site haul route	Small	Highly effective	Low risk
R7	Balmaglaster	Upgrade of existing access track / road	Medium	Highly effective	Medium risk
	Posidontial Lintro	Paved on-site haul route	Small	Highly effective	Low risk
R8	Residential - Lintree Cottage	Upgrade of existing access track / road	Medium	Highly effective	Medium risk
	Residential -	Paved on-site haul route	Small	Highly effective	Low risk
R9	Stoneyfield	Upgrade of existing access track / road	Medium	Highly effective	Medium risk
R10	Residential - Rose	Paved on-site haul route	Small	Moderately effective	Negligible risk
KIO	Cottage	Upgrade of existing access track / road	Medium	Moderately effective	Low risk
R11	Residential - Lilac	Paved on-site haul route	Small	Moderately effective	Negligible risk
NII .	Cottage	Upgrade of existing access track / road	Medium	Moderately effective	Low risk
R12	Residential -	Paved on-site haul route	Small	Moderately effective	Negligible risk
1112	Balalastair Cottage	Upgrade of existing access track / road	Medium	Moderately effective	Low risk
R13	The Great Glen	Paved on-site haul route	Small	Moderately effective	Negligible risk
V13	Youth Hostel	Upgrade of existing access track / road	Medium	Moderately effective	Low risk
R14	Residential - Laggan	Paved on-site haul route	Small	Moderately effective	Negligible risk
N14	Lea	Upgrade of existing access track / road	Medium	Moderately effective	Low risk

Recepto	or	Dust Generating Activities within 400m	Residual Source Emissions	Pathway Effectiveness	Dust Impact Risk
R15	Residential - Laggan	Paved on-site haul route	Small	Moderately effective	Negligible risk
KID	Cottage	Upgrade of existing access track / road	Medium	Moderately effective	Low risk
	Decidential Meanur	Paved on-site haul route	Small	Highly effective	Low risk
R16	Residential - Mogwy Cottage	Upgrade of existing access track / road	Medium	Highly effective	Medium risk
	Desidential North	Paved on-site haul route	Small	Highly effective	Low risk
R17	Residential - North Laggan Farmhouse	Upgrade of existing access track / road	Medium	Highly effective	Medium risk
R18	Leisure - Great Glen	Paved on-site haul route	Small	Moderately effective	Negligible risk
N10	Water Park	Upgrade of existing access track / road	Medium	Moderately effective	Low risk
		Paved on-site haul route	Small	Moderately effective	Negligible risk
R19	Residential - Bridge Cottage	Upgrade of existing access track / road	Medium	Moderately effective	Low risk
		Off-site access road	Medium	Highly effective	Medium risk
		Paved on-site haul route	Small	Moderately effective	Negligible risk
R20	Residential - North Laggan	Upgrade of existing access track / road	Medium	Moderately effective	Low risk
		Off-site access road	Medium	Highly effective	Medium risk
D24	Residential -	Paved on-site haul route	Small	Moderately effective	Negligible risk
R21	Lochoich Lodge	Upgrade of existing access track	Medium	Moderately effective	Low risk
פסס	Residential - The	Paved on-site haul route	Small	Moderately effective	Negligible risk
R22	Cypresses	Upgrade of existing access track / road	Medium	Moderately effective	Low risk
		Paved on-site haul route	Small	Highly effective	Low risk
R23	Residential - A82	Upgrade of existing access track / road	Medium	Highly effective	Medium risk
		Off-site access road	Medium	Highly effective	Medium risk
_		Paved on-site haul route	Small	Highly effective	Low risk
R24	Residential - A82	Upgrade of existing access track / road	Medium	Highly effective	Medium risk
		Off-site access road	Medium	Highly effective	Medium risk
		Paved on-site haul route	Small	Highly effective	Low risk
R25	Residential - A82	Upgrade of existing access track / road	Medium	Highly effective	Medium risk
		Off-site access road	Medium	Highly effective	Medium risk
		Paved on-site haul route	Small	Highly effective	Low risk
R26	Residential - A82	Upgrade of existing access track / road	Medium	Highly effective	Medium risk

Recepto	or	Dust Generating Activities within 400m	Residual Source Emissions	Pathway Effectiveness	Dust Impact Risk
		Off-site access road	Medium	Highly effective	Medium risk
		Paved on-site haul route	Small	Highly effective	Low risk
R27	Residential - A82	Upgrade of existing access track / road	Medium	Highly effective	Medium risk
		Off-site access road	Medium	Highly effective	Medium risk
		Unpaved on-site haul route	Medium	Highly effective	Medium risk
R28	Highland Lodges	Upgrade of existing access track / road	Medium	Highly effective	Medium risk
		Unpaved on-site haul route	Medium	Highly effective	Medium risk
R29	Kilfinnan Lodges	Upgrade of existing access track / road	Medium	Highly effective	Medium risk
	Residential - Forest	Unpaved on-site haul route	Medium	Highly effective	Medium risk
R30	Gate Cottage	Upgrade of existing access track / road	Medium	Highly effective	Medium risk
	Residential -	Unpaved on-site haul route	Medium	Highly effective	Medium risk
R31	Faichem Wood House	Upgrade of existing access track / road	Medium	Highly effective	Medium risk
	Posidontial	Unpaved on-site haul route	Medium	Highly effective	Medium risk
R32	Residential - Grianach	Upgrade of existing access track / road	Medium	Highly effective	Medium risk
	Residential -	Unpaved on-site haul route	Medium	Highly effective	Medium risk
R33	Faichem Lodge	Upgrade of existing access track / road	Medium	Highly effective	Medium risk
	Residential -	Unpaved on-site haul route	Medium	Highly effective	Medium risk
R34	Glengarry Lodge	Upgrade of existing access track / road	Medium	Highly effective	Medium risk
R35	Posidontial Egilsav	Unpaved on-site haul route	Medium	Moderately effective	Low risk
кээ	Residential - Egilsay	Upgrade of existing access track / road	Medium	Moderately effective	Low risk
R36	Residential -	Unpaved on-site haul route	Medium	Moderately effective	Low risk
K30	Glenulie	Upgrade of existing access track / road	Medium	Moderately effective	Low risk
		Lower control works ^(A)	Large	Highly effective	High risk
R37	Loch Lochy	Creation of new temporary access tracks	Medium	Highly effective	Medium risk
		Lower control works (A)	Large	Highly effective	High risk
R38	Loch Lochy	Creation of new temporary access tracks	Medium	Moderately effective	Low risk
R39	Loch Lochy	Lower control works ^(A)	Large	Moderately effective	Medium risk
	Local Localy	Creation of new temporary access tracks	Medium	Moderately effective	Low risk
D40	Residential -	Unpaved on-site haul route	Medium	Highly effective	Medium risk
R40	Forestry Commission	Upgrade of existing access	Medium	Highly effective	Medium risk

Receptor		Dust Generating Activities within 400m	Residual Source Emissions	Pathway Effectiveness	Dust Impact Risk
		track / road			
		Unpaved on-site haul route	Medium	Moderately effective	Low risk
ER1a	South Laggan Fen	Upgrade of existing access track / road	Medium	Moderately effective	Low risk
		Off-site access road	Medium	Highly effective	Medium risk
		Unpaved on-site haul route	Medium	Moderately effective	Low risk
ER1b	South Laggan Fen	Upgrade of existing access track / road	Medium	Moderately effective	Low risk
		Off-site access road	Medium	Highly effective	Medium risk
		Unpaved on-site haul route	Medium	Moderately effective	Low risk
ER1c	South Laggan Fen	Upgrade of existing access track / road	Medium	Moderately effective	Low risk
		Off-site access road	Medium	Highly effective	Medium risk
		Unpaved on-site haul route	Medium	Moderately effective	Low risk
ER1d	South Laggan Fen	Upgrade of existing access track / road	Medium	Moderately effective	Low risk
		Off-site access road	Medium	Highly effective	Medium risk

Note:

(A) Relevant construction activities within the lower control works include drill, blast, muck and haul techniques, rock cutting, the loading of HDVs and barges with excavated rock and tunnel spoil, the creation of new temporary access tracks, the upgrading of existing access tracks, the construction of infrastructure (including the jetty and tailrace), unpaved on-site haul routes and some temporary stockpiles.

Determination of Magnitude of Effect

Recepto	or	Dust Generating Activities within 400m	Dust Impact Risk	Receptor Sensitivity	Magnitude of Dust Effect
R1	Residential -	Unpaved on-site haul route	Medium risk	- High	Moderate adverse effect
KI	Kilfinnan	Upgrade of existing access track / road	Medium risk	Tilgii	Moderate adverse effect
R2	Residential -	Paved on-site haul route	Low risk	- High	Slight adverse effect
NZ	Glenjade Cottage	Upgrade of existing access track / road	Medium risk	Tilgii	Moderate adverse effect
	Posidontial Laggan	Paved on-site haul route	Negligible risk		Negligible effect
R3	Residential - Laggan Locks	Upgrade of existing access track / road	Low risk	High	Slight adverse effect
	Laggan Lagks Car	Paved on-site haul route	Negligible risk		Negligible effect
R4	Laggan Locks Car Park	Upgrade of existing access track / road	Low risk	Low	Negligible effect
	West Highlands	Paved on-site haul route	Negligible risk		Negligible effect
R5	Sailing Shop	Upgrade of existing access track / road	Low risk	Medium	Negligible effect
R6	Glengarry Lodges	Paved on-site haul route	Low risk	High	Slight adverse

Recepto	or	Dust Generating Activities within 400m	Dust Impact Risk	Receptor Sensitivity	Magnitude of Dust Effect
					effect
		Upgrade of existing access track / road	Medium risk		Moderate adverse effect
R7	Residential -	Paved on-site haul route	Low risk	Lligh	Slight adverse effect
K/	Balmaglaster	Upgrade of existing access track / road	Medium risk	- High	Moderate adverse effect
R8	Residential - Lintree	Paved on-site haul route	Low risk	- High	Slight adverse effect
No	Cottage	Upgrade of existing access track / road	Medium risk	півіі	Moderate adverse effect
R9	Residential -	Paved on-site haul route	Low risk	High	Slight adverse effect
K9	Stoneyfield	Upgrade of existing access track	Medium risk	- High	Moderate adverse effect
	Residential - Rose	Paved on-site haul route	Negligible risk		Negligible effect
R10	Cottage	Upgrade of existing access track / road	Low risk	High	Slight adverse effect
	Desidential Liles	Paved on-site haul route	Negligible risk		Negligible effect
R11	Residential - Lilac Cottage	Upgrade of existing access track / road	Low risk	High	Slight adverse effect
	Desidential	Paved on-site haul route	Negligible risk		Negligible effect
R12	Residential - Balalastair Cottage	Upgrade of existing access track / road	Low risk	High	Slight adverse effect
	The Great Glen	Paved on-site haul route	Negligible risk		Negligible effect
R13	Youth Hostel	Upgrade of existing access track / road	Low risk	High	Slight adverse effect
	Residential - Laggan	Paved on-site haul route	Negligible risk		Negligible effect
R14	Lea	Upgrade of existing access track / road	Low risk	High	Slight adverse effect
	Residential - Laggan	Paved on-site haul route	Negligible risk		Negligible effect
R15	Cottage	Upgrade of existing access track / road	Low risk	High	Slight adverse effect
R16	Residential - Mogwy	Paved on-site haul route	Low risk	- High	Slight adverse effect
	Cottage	Upgrade of existing access track / road	Medium risk	111611	Moderate adverse effect
R17	Residential - North	Paved on-site haul route	Low risk	High	Slight adverse effect
N1/	Laggan Farmhouse	Upgrade of existing access track / road	Medium risk	High	Moderate adverse effect
	Leisure - Great Glen	Paved on-site haul route	Negligible risk	High	Negligible effect
R18	Water Park	Upgrade of existing access track / road	Low risk		Slight adverse effect
	Residential Pridge	Paved on-site haul route	Negligible risk		Negligible effect
R19	Residential - Bridge Cottage	Upgrade of existing access track / road	Low risk	High	Slight adverse effect

Recepto	or	Dust Generating Activities within 400m	Dust Impact Risk	Receptor Sensitivity	Magnitude of Dust Effect
		Off-site access road	Medium Risk		Moderate Adverse
		Paved on-site haul route	Negligible risk		Negligible effect
R20	Residential - North Laggan	Upgrade of existing access track / road	Low risk	High	Slight adverse effect
		Off-site access road	Medium risk		Moderate Adverse
	Residential -	Paved on-site haul route	Negligible risk		Negligible effect
R21	Lochoich Lodge	Upgrade of existing access track / road	Low risk	High	Slight adverse effect
	Residential - The	Paved on-site haul route	Negligible risk		Negligible effect
R22	Cypresses	Upgrade of existing access track / road	Low risk	High	Slight adverse effect
		Paved on-site haul route	Low risk		Slight adverse effect
R23	Residential - A82	Upgrade of existing access track / road	Medium risk	High	Moderate adverse effect
		Off-site access road	Medium risk		Moderate Adverse
		Paved on-site haul route	Low risk		Slight adverse effect
R24	Residential - A82	Upgrade of existing access track / road	Medium risk	High	Moderate adverse effect
		Off-site access road	Medium Risk		Moderate Adverse
		Paved on-site haul route	Low risk	High	Slight adverse effect
R25	Residential - A82	Upgrade of existing access track / road	Medium risk		Moderate adverse effect
		Off-site access road	Medium risk		Moderate Adverse
		Paved on-site haul route	Low risk		Slight adverse effect
R26	Residential - A82	Upgrade of existing access track / road	Medium risk	High	Moderate adverse effect
		Off-site access road	Medium risk		Moderate Adverse
		Paved on-site haul route	Low risk		Slight adverse effect
R27	Residential - A82	Upgrade of existing access track / road	Medium risk	High	Moderate adverse effect
		Off-site access road	Medium risk		Moderate adverse effect
R28	Highland Lodges	Unpaved on-site haul route	Medium risk	High	Moderate adverse effect
N20	Highland Lodges	Upgrade of existing access track / road	Medium risk	High	Moderate adverse effect
R29	Kilfinnan Lodges	Unpaved on-site haul route	Medium risk	High	Moderate adverse effect

Receptor		Dust Generating Activities within 400m	Dust Impact Risk	Receptor Sensitivity	Magnitude of Dust Effect
		Upgrade of existing access track / road	Medium risk		Moderate adverse effect
R30	Residential - Forest Gate Cottage	Unpaved on-site haul route	Medium risk	- High	Moderate adverse effect
		Upgrade of existing access track / road	Medium risk		Moderate adverse effect
R31	Residential - Faichem Wood House	Unpaved on-site haul route	Medium risk	- High	Moderate adverse effect
		Upgrade of existing access track / road	Medium risk		Moderate adverse effect
R32	Residential - Grianach	Unpaved on-site haul route	Medium risk	- High	Moderate adverse effect
		Upgrade of existing access track / road	Medium <u>risk</u>		Moderate adverse effect
R33	Residential - Faichem Lodge	Unpaved on-site haul route	Medium risk	- High	Moderate adverse effect
		Upgrade of existing access track / road	Medium risk		Moderate adverse effect
R34	Residential - Glengarry Lodge	Unpaved on-site haul route	Medium risk	- High	Moderate adverse effect
		Upgrade of existing access track / road	Medium risk		Moderate adverse effect
R35	Residential - Egilsay	Unpaved on-site haul route	Low risk	- High	Slight adverse effect
		Upgrade of existing access track / road	Low risk		Slight adverse effect
R36	Residential - Glenulie	Unpaved on-site haul route	Low risk	- High	Slight adverse effect
		Upgrade of existing access track / road	Low risk		Slight adverse effect
R37	Loch Lochy	Lower reservoir works ^(A)	High risk	- Medium	Moderate adverse effect
		Creation of new temporary access track	Medium risk		Slight adverse effect
R38	Loch Lochy	Lower reservoir works ^(A)	High risk	- Medium	Moderate adverse effect
		Creation of new temporary access track	Low risk		Negligible effect
R39	Loch Lochy	Lower reservoir works ^(A)	Medium risk	- Medium	Slight adverse effect
		Creation of new temporary access track	Low risk		Negligible effect
R40	Residential - Forestry Commission	Unpaved on-site haul route	Medium risk	- High	Moderate adverse effect
		Upgrade of existing access track / road	Medium risk		Moderate adverse effect
ER1a	South Laggan Fen	Unpaved on-site haul route	Low risk	- Medium	Negligible effect
	SSSI	Upgrade of existing access	Low risk		Negligible effect

Receptor		Dust Generating Activities within 400m	Dust Impact Risk	Receptor Sensitivity	Magnitude of Dust Effect
		track / road			
		Off-site access road	Medium risk		Slight adverse effect
ER1b	South Laggan Fen SSSI	Unpaved on-site haul route	Low risk	Medium	Negligible effect
		Upgrade of existing access track / road	Low risk		Negligible effect
		Off-site access road	Medium risk		Slight adverse effect
ER1c	South Laggan Fen SSSI	Unpaved on-site haul route	Low risk	Medium	Negligible effect
		Upgrade of existing access track / road	Low risk		Negligible effect
		Off-site access road	Medium risk		Slight adverse effect
ER1d	South Laggan Fen SSSI	Unpaved on-site haul route	Low risk	Medium	Negligible effect
		Upgrade of existing access track / road	Low risk		Negligible effect
		Off-site access road	Medium risk		Slight adverse effect

Note:

(A) Relevant construction activities within the lower reservoir works include drill, blast, muck and haul techniques, rock cutting, the loading of HDVs and barges with excavated rock and tunnel spoil, the creation of new temporary access tracks, the upgrading of existing access tracks, the construction of infrastructure (including the jetty and tailrace), unpaved on-site haul routes and some temporary stockpiles.