

Introduction:	This Construction Environmental Management Plan has been produced to outline environmental management & controls to reduce the likelihood of adverse consequences.		
Project Title:	Ryehills Road		
Site Address:	Sandy Lodge, Ryehills Road, Skinbourness, Wigton, Cumbria, CA7 4QT.		
Scope of Works:	The project involves the demolition of an existing dwelling & construction of a replacement bungalow. The site is accessed from Skinbourness Rd onto Ryehills Rd & is adjacent to the Solway Firth. Close proximity to the Solway Firth (Special Area of Conservation, Special Protection Area, etc. status) requires strict environmental controls to avoid pollution, dust, noise, silt contamination, etc.		
Client/Principal Contractor:	Pearson Building Ltd, 176 Skinbourness Road, Skinbourness, Wigton, Cumbria.		
Key Contacts:	David Pearson	Owner/Director - PBL	Telephone: 07917 692190
	David Sanderson	Sanderson Safety Ltd	Telephone: 01228 586553
Start Date & Duration:	To be confirmed		
Working Hours:	Standard working hours will be 08.00 to 17.00 Monday to Friday. Weekends (Saturdays), out of hours, emergency response may be required.		
Access & Parking:	From Ryehills Road with parking available within existing site boundary.		
Induction Arrangements:	Provided by Pearson Building Ltd (PBL) prior to commencement of works.		
Specific Considerations:	1	Close proximity to Solway Firth Special Area of Conservation (SAC).	
	2	Close proximity to Solway Firth Special Protection Area (SPA).	
	3	Consideration regarding Ramsar Wetlands (Solway Firth).	
	4	Asbestos Survey has indicated property does not contain asbestos.	
	5	Existing ground conditions are sand/granular.	
	6	Access to site is via the adjacent residential Ryehills Road.	
	7	Necessity to avoid dust, fuel, silt etc. permeating into ground/Solway.	
	8	Environmental Clerk of Works is to be present during removal of slates.	
	9	Environmental Clerk of Works will monitor presence of bats.	
	10	Adherence with statutory stakeholder requirements.	
Other Information:	The rear of the property has a public footpath (outside site boundary).		



Sandy Lodge Ryehills Road (front elevation)



Sandy Lodge Ryehills Road (rear elevation)

Produced by	<i>Dave Pearson & David Sanderson</i> Pearson Building Ltd & Sanderson Safety Ltd	Date	17.12.24
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Outline Control Measures (to be read in conjunction with Risk Assessments)

- Site will be secured with fencing & suitable signage displayed.
- Operatives will receive a site induction prior to commencement of works.
- Risk Assessments & Method Statements (RAMS) will be produced prior to commencement detailing:
 - Demolition of existing dwelling.
 - Construction of new dwelling.
- RAMS will be briefed to all site operatives.
- Weather conditions & forecasts will be consulted daily to ascertain adverse conditions.
- Discussions will be held daily to ascertain changes to work areas/methodology.
- Suitable lay-down/compound areas for the storage of materials will be established.
- Existing site drainage will be secured with suitable & sufficient bungs to avoid run-off.
- Operatives will complete daily:
 - Operating checks on work equipment to establish hydraulic/fuel leaks.
 - Inspection of work areas to ensure environmental controls remain effective.
 - Monitoring of site boundaries, drainage & road conditions.
- Work areas will be kept clean & tidy with regular housekeeping checks.
- Materials will be removed at end of working day to skips/safe storage.
- Refuelling of work equipment will be carried out at designated fuelling point.
- Bunded bowser with spill trays will be established on an impermeable base.
- Emergency spill kits, first aid facilities & fire extinguishers will be available.
- Plant, work equipment, containers & perimeter fencing to be secured at night.
- Periodic meetings to be held to discuss environmental considerations with stakeholders.
- Monitoring of CEMP & site activities by Dave Pearson (PBL) & Sanderson Safety Ltd (periodic site visits).

Risk Matrix

Likelihood		Severity			Likelihood					
1	Negligible	1	Negligible		Severity	1	2	3	4	5
2	Unlikely	2	Unlikely	2		4	6	8	10	
3	Possible	3	Critical	3		6	9	12	15	
4	Likely	4	Severe	4		8	12	16	20	
5	Certain	5	Catastrophic	5		10	15	20	25	
Colour code					Low			Medium		High

Risk Assessment (IR Denotes Initial Risk & RR Denotes Residual Risk)

Significant Hazards		IR	Control Measures (Headlines)	RR
Adverse Weather	Flooding	3 x 3 = 9	Assess weather conditions & consult weather forecasts	1 x 3 = 3
	High Winds		Ensure that materials are secure to avoid disturbance by wind	
	Rain		Maintain a high standard of housekeeping	
			Provision of bins and sealed skips with regularly removal of waste	
			Store & secure materials in designated areas	
			Conduct regular workplace inspections & promote 'clean up as you go'	
			Monitor condition of Ryehills Road & ensure debris/mud is removed	
	Minimise stock-pile heights & dampen in dry weather			
	Temporary lighting will be directed away from sensitive areas			

Communication	Complaints Dust Noise Pollution	3 x 4 = 12	Regular discussions with neighbours/residents/stakeholders Site inductions to be delivered to site operatives Suitable & sufficient warning signs Notice boards detailing emergency arrangements in case of spillages Regular briefings & tool box talks Prompt reporting of incidents	1 x 4 = 4
Dust	Flying Particles Health Issues Nuisance	3 x 4 = 12	Sort strip dwelling prior to demolition Minimise stock-pile heights & dampen in dry weather Use block cutter to avoid dust (if possible) Water suppression during works (flow rate of 0.5 litres per minute) Portable polypropylene hand pump bottle (pressurised water) Re-pressurisation to maintain an effective flow (avoid low flow rates) Materials leaving site to be covered (easy sheeting tipper wagons)	1 x 4 = 4
Ecology	Disturbance of Wildlife	3 x 3 = 9	Bird nesting ecology check 24 hours prior to commencing tasks Environment Clerk of Works bat watch presence during removal of slates Consulting results of surveys & including in RAMS & site briefings On site vigilance during site working & reporting issues for assessment	1 x 3 = 3
Fuelling Activities	Contamination Pollution	3 x 4 = 12	Designated fuelling area will be established located away from drainage Fuel will be stored in double-bunded bowsers on an impervious base Bowsers will have capacity to contain 110% of contents Oils & fuel for work equipment will be stored in suitable containers Drip trays will be used in conjunction with use of hazardous substances Spill kit will be present during all works Spillage procedures to deal with an emergency Spill kit to be deployed to deal with an emergency oil/fuel leak Inductions & tool box talks to remind operatives on requirements	1 x 4 = 4
Hazardous Substances	Fire (Burns & Heat) Health Issues	3 x 4 = 12	Obtain material safety data sheets (MSDS) for products Storage, disposal & PPE in accordance with MSDS/COSHH assessment Oils/chemicals/paints, etc. to be secured within container Container to be placed on impermeable surface Use funnels & drip trays when decanting to prevent leaks/spillage Concrete washdown in designated lined area 10m from drainage Tool box talks to remind operatives on requirements	1 x 4 = 4
Noise	Complaints Health Issues Hearing Loss	3 x 3 = 9	Reduce noise impact at source by selecting quieter work equipment Place work equipment to minimise noise issues Consider residents/neighbour regarding tasks & timing of tasks Consider delivery times in context of neighbours Shut-down plant & work equipment when not in use Provide information to site operatives	1 x 3 = 3
Silt Mitigation	Highway Pollution	3 x 4 = 12	Assess weather conditions & consult weather forecasts Adhere to flood defence & planning consents Detail pollution prevention measures during inductions & toolbox talks Site stripping to be carried out in phases to avoid excess removal Secure existing site drainage with bungs Avoid pumping groundwater into site drainage Monitor condition of Ryehills Road & ensure debris/mud is removed	1 x 4 = 4

Traffic & Transport	Dust Highway Noise Pollution	3 x 4 = 12	Organise deliveries to avoid wagons stacked on Ryehills Road Maintenance in accordance with statutory requirements Daily inspections & recording of vehicle defects Prompt repair of defects reported by site operatives Concrete mixer wagons to travel with chute environmental socks Ensure that plant & work equipment leaving site is clean Monitor condition of Ryehills Road & ensure debris/mud is removed Banksman to be used to escort vehicles	1 x 4 = 4
Waste Management	Pollution	3 x 4 = 12	Re-use materials from existing dwelling if possible (roof slates, etc.) Provision of bins and sealed skips & regularly remove waste Ensure that skips are stored on site (not Ryehills Road) Store skips in location away from existing drainage Label waste skips with allowable contents Remove full skips at regular intervals Obtain waste duty of care documentation from waste carriers Burning of materials will not be permitted	1 x 4 = 4
Watercourses (Solway Firth)	Adverse Publicity Adverse Weather Complaints Disturbance of Wildlife Pollution	3 x 4 = 12	Assess weather conditions to determine necessary actions Adhere to flood defence & planning consents Detail pollution prevention measures during inductions & toolbox talks Secure existing site drainage with bungs Avoid pumping groundwater into site drainage Monitor condition of Ryehills Road & ensure debris/mud is removed Concrete washdown in designated lined area 10m from drainage Concrete mixer wagons to travel with chute environmental socks Ensure that plant & work equipment leaving site is clean Consider site grip across access to control run-off Store fuel & oils a suitable distance from watercourses on a drip tray Attenuation tank to be constructed as per construction drawings	1 x 4 = 4
Work Equipment	Pollution	3 x 4 = 12	Competent operative (skills, knowledge, experience & training) Staff instructed to check equipment before use & report defects Safety critical maintenance carried out by competent person Operating instructions for equipment Secure work equipment, containers & site boundaries	1 x 4 = 4

Declaration: I confirm that the following have read, understood & have had sufficient verbal instruction.

Operative Name	Signature	Date