P&D WILLIAMS

CONSTRUCTION

RISK ASSESSMENT AND METHOD STATEMENT

DEMOLITION OF MARINA BOATHOUSE

CHIRK MARINA, CHIRK ROAD, CHIRK, WREXHAM LL14 5AD

Document Reference	PDW-RAMS-DEM-CHIRK-001	**Revision**	02
Project	Demolition -The Boathouse, Chirk Marina	**Date**	14 July 2026
Company	P&D Williams	**Status**	ISSUED FOR USE
Prepared By	Stephen Carr Construction Manager	**Approved By**	_____ (Signature & Date)

Revision History: Rev 02 (29 July 2026) – Amended to include Ecological Clerk of Works (ECoW) on-site during relevant demolition works in accordance with a NRW Protected Species licence (to be applied for once Prior Approval is granted – including bats). Explicitly confirms that the final site will be restored to agricultural use by P&D Williams, including importation of topsoil and levelling off. Contractor scope clarified to include full agricultural land reinstatement (not limited to demolition and clean-up only).

This document must be read, understood and signed by all personnel involved in the works prior to commencement.
It forms part of the safe system of work under CDM 2015 and must be followed at all times.

1. INTRODUCTION & PURPOSE

This Risk Assessment and Method Statement (RAMS) has been prepared by P&D Williams on behalf of the project team for the safe demolition of the Marina Boathouse, Chirk, Wrexham LL14 5AD.

The purpose of this document is to:

- Identify all foreseeable hazards associated with the demolition works.
- Assess the risks to health, safety and the environment.
- Detail the control measures, safe methods of work and responsibilities to eliminate or reduce risks to an acceptable level.
- Ensure compliance with UK legislation including the Health and Safety at Work etc. Act 1974, CDM Regulations 2015, Control of Asbestos Regulations 2012, and all other relevant statutory provisions.
- Protect all persons who may be affected by the works, including P&D Williams employees, sub-contractors, marina users, boat owners, visitors, the public and the environment.

1.1 Site Description

The site was formerly the golf clubhouse and, more recently, operated as The Boathouse café, bar, and restaurant. The building is of traditional construction, comprising brick walls with a pitched roof. The site is located approximately 120 metres from both the marina basin and the nearest public road. As it is situated on private land, the risk to members of the public is considered low. Nevertheless, the works will be carefully planned and coordinated to minimise disruption to marina operations and users.

1.2 Scope of Works

The works comprise:

- Initial Refurbishment & Demolition asbestos survey by competent UKAS accredited surveyor.
- Safe removal and disposal of any identified ACMs by HSE licensed asbestos removal contractor (if required).
- Isolation and disconnection of all utilities (electricity, gas, water, telecoms, drainage).
- Initial soft strip / internal strip-out of fixtures, fittings, non-structural elements and services.
- Mechanical demolition of the remaining structure using a 20 tonne excavator fitted with hydraulic grab attachment.
- On-site sorting, processing and off-site disposal of demolition arisings to licensed facilities.
- Final site clearance and full restoration of the site to agricultural use by P&D Williams, including the importation of clean topsoil and levelling of the ground to a condition suitable for agricultural use.
- The Contractor's scope of works extends beyond demolition and site clean-up to include the subsequent agricultural land reinstatement as described above (in accordance with the project Justification Statement).

2. PROJECT DETAILS & KEY PERSONNEL

Item	Details
Site Address	Chirk Marina, Chirk Road, Chirk, Wrexham LL14 5AD (adjacent to Llangollen Canal)
Company / Principal Contractor	P&D Williams
Construction Manager	Stephen Carr - Overall responsibility for H&S and implementation of this RAMS
Site Supervisor / Foreman	To be nominated on site - day-to-day supervision and RAMS compliance
Plant Operator	CPCS/NPORS qualified operator for 20t excavator (A59 or equivalent) with demolition experience
Asbestos Surveyor	UKAS accredited laboratory / competent person (to be appointed)
Licensed Asbestos Remover	HSE licensed contractor (to be appointed if ACMs identified)
Estimated Duration	Approximately 3-5 weeks (subject to survey findings and programme)
Working Hours	08:00 - 17:00 Monday to Friday (noisy works restricted; agree with marina)

3. KEY LEGISLATION & GUIDANCE

This RAMS has been prepared with due regard to the following principal legislation and guidance (non-exhaustive):

- Health and Safety at Work etc. Act 1974
- Construction (Design and Management) Regulations 2015 (CDM 2015)
- Control of Asbestos Regulations 2012 (CAR 2012) & HSG264 Asbestos: The Survey Guide
- Provision and Use of Work Equipment Regulations 1998 (PUWER)
- Lifting Operations and Lifting Equipment Regulations 1998 (LOLER)
- Control of Substances Hazardous to Health Regulations 2002 (COSHH)
- Work at Height Regulations 2005
- Control of Noise at Work Regulations 2005
- Environmental Protection Act 1990 & Waste (England and Wales) Regulations 2011 (Duty of Care)
- Wildlife and Countryside Act 1981 & Conservation of Habitats and Species Regulations 2017 (protected species including bats)
- Natural Resources Wales (NRW) Protected Species licensing requirements
- HSE Guidance: HSG150 Health and safety in construction; CIS 47 Demolition; HSG210 Asbestos essentials

4. RISK ASSESSMENT

The following risk assessment identifies the significant hazards associated with the works, the persons at risk, the initial risk rating (Likelihood x Severity), the control measures to be implemented, and the residual risk rating after controls. A 5x5 matrix has been used:

Likelihood: 1=Rare | 2=Unlikely | 3=Possible | 4=Likely | 5=Almost Certain
Severity: 1=Negligible | 2=Minor | 3=Moderate | 4=Major | 5=Catastrophic/Fatal

Risk Score = Likelihood × Severity. Risk Rating: Low (<5), Medium (5-9), High (10-15), Very High (16+). Very High/High risks require additional controls or specialist input before proceeding.

4.1 Significant Risks and Control Measures

Ref	Hazard / Activity	Persons at Risk	Initial Risk (L x S)	Key Control Measures (see full details in sections below)	Residual Risk (after controls) (L x S)
RA01	Asbestos Containing Materials (ACMs) in Marina Boathouse (roof, insulation, floor tiles, lagging, textured coatings etc.)	All site personnel, contractors, public if fibres released	4 x 5 = 20 VERY HIGH	• Prior to ANY works: Commission a competent UKAS accredited surveyor to undertake a Refurbishment & Demolition (R&D) asbestos survey in accordance with CAR 2012 and HSG264. • Provide survey report to all relevant parties. No works to commence until survey complete and any ACMs managed. • If ACMs identified: Engage only HSE-licensed asbestos removal contractor. Notify HSE where work is notifiable. Use fully controlled enclosure, negative pressure, licensed operatives with appropriate RPE/PPE, decontamination unit. • All asbestos waste to be double bagged, labelled, consigned as hazardous waste with consignment notes to licensed disposal site. • Obtain written asbestos clearance certificate (including air monitoring) before soft strip or mechanical demolition begins. • If suspect material discovered during works: STOP WORK IMMEDIATELY, evacuate area, secure, report to Construction Manager. Do not disturb until assessed by competent person.	1x 5 = 5 LOW
RA02	Structural collapse of Marina Boathouse building during soft strip or mechanical works	Site operatives, plant operator, nearby marina users / public, vessels	3 x 5 = 15 HIGH	• Engage competent structural engineer if building condition is poor or complex (e.g. if chimney, vaulted areas, or signs of deterioration). • Complete full soft strip of non-loadbearing elements, fixtures, fittings, internal walls, ceilings and services FIRST to reduce weight and unexpected hazards before mechanical demolition. • Use only CPCS/NPORS competent 20t excavator operator experienced in demolition. Daily pre-use checks and LOLER certification current.	1 x 5 = 5 LOW

				• Methodical top-down or systematic demolition sequence. Work from one end, pulling/pushing sections inwards where possible. Use grab to control pieces. • Establish and maintain strict exclusion zones (minimum 1.5 x building height or risk assessed). Cordoned, signed and enforced by banksman/slinger signaller at all times. • Continuous monitoring for movement, cracks or instability. Stop works if any signs of unexpected behaviour. Have emergency propping plan ready. • Coordinate with Chirk Marina management. Protect moored narrowboats and canal from falling debris using debris netting, tarpaulins or exclusion on water side where practicable.	
RA03	Contact with live underground/overhead services (electricity, gas, water, telecoms, drains) during demolition	All site personnel, excavator operator, utility companies	3 x 5 = 15 HIGH	• Obtain and review all statutory undertaker plans (electricity, gas, water, BT/Openreach, Welsh Water etc.) before mobilisation. • Engage competent service locator (CAT & Genny trained) to scan and mark all services on site. Trial holes where necessary to confirm depths and routes. • Arrange formal disconnection/isolation of ALL services by the relevant statutory authority or competent person BEFORE any demolition or ground disturbance. Obtain written disconnection certificates and permits. • Verify all services are dead using approved test equipment. Physically isolate and cap where appropriate. Clearly mark and record locations on site plan. • No mechanical excavation or demolition within 500mm of known live services without hand digging or further isolation. Use insulated tools where required. • Temporary welfare supplies to be installed safely and protected from damage. Generator fuel stored in bunded area away from water.	1 x 5 = 5 LOW
RA04	Struck by falling debris, plant or materials; plant/vehicle movement on site (20t excavator + grab)	Site team, banksman, public, marina users	4 x 5 = 20 HIGH	• Strict segregation: All non-essential personnel excluded from active demolition area. Only trained banksman and operator in vicinity during machine work. • Banksman/slinger signaller to control all plant movements, lifts and grabs using standard hand signals or radio. Maintain line of sight or use banksman. • High visibility clothing (Class 3), safety helmet, safety boots mandatory for all on site. Exclusion zones clearly cordoned with Heras or similar and 'Demolition - Keep Out' signage. • Excavator to have 360° visibility aids (cameras/mirrors), reversing alarm, and be operated with grab/demolition attachment suitable for controlled breaking and handling. • No personnel to approach excavator while operating. 'Red zone' rules: no entry within swing radius unless machine isolated and operator aware. • Debris to be dropped in controlled manner into designated processing area. No dropping over water or towards boats without additional controls. • Daily briefings on exclusion zones and plant movements. Stop work authority for any unsafe act.	2 x 5 = 10 MEDIUM
RA05	Inhalation of dust (including respirable crystalline silica from brick/block/concrete), fumes or hazardous substances during strip-out and demolition	All site operatives, especially those in soft strip and near excavator	4 x 4 = 16 HIGH	• Water suppression system mandatory: dust cannons, hoses or bowser to damp down demolition area continuously during breaking and handling. Minimise airborne dust at source. • RPE (minimum FFP3 disposable or half-mask with P3 filter) to be worn by all personnel in dusty areas or during soft strip where dust is generated. Face fit testing required. • Good site housekeeping: regular damping and sweeping (vacuum not dry sweeping). Segregate dusty materials quickly into covered skips. • Health surveillance for operatives with significant silica exposure history. COSHH assessment for any hazardous substances (adhesives, paints, fuel). • Monitor weather: avoid high wind days for demolition if dust cannot be controlled. Stop works if dust affects marina users or public. • Post-demolition air monitoring if required by client or regulator.	2 x 4 = 8 MEDIUM
RA06	Pollution incident to Chirk Marina / Llangollen Canal (debris, silt, fuel/oil spill, concrete dust) from	Environment, wildlife, marina users, boat owners, Welsh	2 x 4 = 8 MEDIUM	• Liaise with Chirk Marina management and Canal & River Trust prior to works. Agree method to protect waterway, vessels and users. Daily coordination during works. • Install debris containment: heavy duty debris netting, tarpaulins or catch platforms on the canal/water side of the	1 x 4 = 4 LOW

	demolition activities adjacent to water	Water / Canal & River Trust, EA		building. Sequence demolition to pull material away from water where possible. • Spill kits (oil/fuel absorbent) readily available on site. All plant to be maintained in good condition with no leaks. Refuelling in designated bunded area minimum 10m from water's edge. • No discharge of silty water or washings to canal or surface drains without appropriate treatment (silt traps, settlement tanks) and consent if required. • In event of spill or debris in water: STOP WORK, contain with booms/absorbents if safe, notify Environment Agency (incident hotline), Canal & River Trust and marina immediately. Do not attempt clean-up without competent advice. • All waste (including any contaminated) to be removed by licensed carriers. No burning or tipping on site.	
RA07	Noise, vibration and nuisance to marina users, boat owners, nearby residents and wildlife during demolition and plant operation	Public, marina users, wildlife (birds, bats possible in old building), site team	3 x 3 = 9 MEDIUM	• Use modern, well-maintained, silenced plant and equipment. Fit noise reduction kits where available. • Restrict noisy works (excavator breaking) to core hours e.g. 08:00-17:00 Mon-Fri. Avoid early/late or weekend working unless agreed with marina/client. • Hearing protection zones established around plant. Ear defenders or plugs provided and worn where noise >80dB(A). • Pre-works check for protected species (bats, nesting birds). If evidence found, stop and consult ecologist before proceeding (legal protection under Wildlife & Countryside Act). • Monitor and respond to complaints from marina users or public. Keep dust/noise to minimum through suppression and good practice. • Vibration: assess any nearby structures or sensitive equipment; use low-vibration methods where practicable.	1 x 3 = 3 LOW
RA08	Unauthorised access, public interface or interference with works (marina is public-facing with visitors and boat owners)	Public, children, marina users	3 x 4 = 12 HIGH	• Secure site perimeter with solid hoarding or Heras fencing minimum 2m high. Lockable gates. 'Construction Site - Keep Out - Authorised Personnel Only' and specific demolition warning signs. • Liaise daily with Chirk Marina office. Brief them on works programme, exclusion zones and any impact on moorings or visitor access. Provide contact for queries/complaints. • All visitors/contractors to sign in/out, receive site induction covering key hazards (asbestos, plant, exclusion zones, emergency) before entering work area. • Security: consider CCTV, night security or alarm if high risk period. Remove temptation items (plant, fuel, scrap) at end of shift. • Stop works immediately if any member of public enters exclusion zone or behaves unsafely. Do not restart until area cleared and safe. • Clear communication: site mobile number displayed for marina to contact supervisor.	1 x 4 = 4 LOW

Note: Full method statements for each phase are provided in Section 5. All residual risks are considered acceptable provided the stated controls are implemented and monitored. Any change in conditions or discovery of unforeseen hazards requires immediate review of this assessment and update of the method statement.

5. METHOD STATEMENT - SAFE SYSTEM OF WORK

All works shall be carried out in strict accordance with this method statement. No deviation is permitted without prior written approval from the Construction Manager (Stephen Carr). Daily toolbox talks will reinforce the controls. The works are divided into clear phases.

Phase 1: Pre-Start / Mobilisation & Site Setup

1. Obtain all necessary permits, licences and notifications (Section 81), including any client permits to work.
2. Complete site-specific induction for all personnel covering this RAMS, site hazards (asbestos, plant, water, and public interface), emergency procedures and welfare arrangements. All to sign daily attendance record.
3. Establish secure site compound with welfare facilities (canteen, drying room, toilets, washing, and first aid), site office and secure storage. Provide potable water and adequate lighting.
4. Erect secure perimeter hoarding/fencing (minimum 2m) with lockable gates. Display prominent signage: 'Demolition in Progress - Authorised Personnel Only', 'Hard Hat Area', 'Exclusion Zones', emergency contacts and company details.
5. Set up traffic/pedestrian management if required. Designate plant and material storage areas away from water and exclusion zones.
6. Brief all personnel on this RAMS (including risk assessment) and obtain signed acknowledgement that they understand and will comply.
7. Liaise with Chirk Marina management and confirm coordination arrangements for the duration of works.

Phase 2: Utilities Location, Isolation and Disconnection

8. Obtain latest statutory undertaker plans for all services crossing or adjacent to the site.
9. Engage competent service locator to carry out comprehensive CAT & Genny survey and mark all services on the ground and on a site plan. Carry out trial holes at key locations to confirm depths and exact routes.
10. Formally request and arrange disconnection/isolation of electricity, gas, water, telecoms and drainage by the relevant authorities/competent persons. No works affecting services until written confirmation of isolation is received.
11. Physically verify all services are dead using approved testing equipment. Cap, label and record all isolated services on the marked-up plan.
12. Install temporary welfare supplies (power, water) in safe locations, protected from damage and clearly identified.
13. Any live temporary services to be clearly marked, protected and avoided during demolition.

Phase 3: Asbestos Survey and Removal (if required)

14. Appoint UKAS accredited asbestos surveyor to carry out a full Refurbishment & Demolition (R&D) asbestos survey of the entire building (including all voids, roof spaces, floor coverings, pipework, textured coatings, cement products etc.). Survey to be intrusive as required.
15. Receive and review the asbestos survey report. No soft strip or demolition works to commence until the report is received and any necessary actions completed.
16. If no ACMs identified: proceed to Phase 4 with asbestos awareness controls maintained (stop if suspect material found).
17. If ACMs identified: Appoint HSE-licensed asbestos removal contractor. Agree scope, programme and enclosure locations. Licensed contractor to notify HSE as required, carry out removal under full control, provide consignment notes and obtain clearance certificate (air monitoring by UKAS lab) before any other works resume in affected areas.
18. All personnel to have current asbestos awareness training. Any suspect material encountered after survey: STOP WORK, do not disturb, secure area and notify Construction Manager immediately.

Phase 4: Soft Strip / Internal Strip-Out

19. Only commence after asbestos clearance certificate received (where applicable) and all services confirmed isolated and dead.
20. Remove all non-structural internal elements in a systematic manner: fixtures and fittings, furniture, sanitary ware, kitchen equipment, internal doors, non-loadbearing partitions, suspended ceilings, floor coverings, electrical fittings and conduit (after isolation verified), pipework, insulation (non-asbestos).
21. Use hand tools and small plant only. No hot works (welding/cutting) without a separate hot work permit and fire watch.
22. Maintain structural integrity at all times. Do not remove or weaken load-bearing walls, beams, columns or roof structure without prior structural engineering assessment and temporary support if required.

23. Segregate all arisings at source into clearly labelled skips/containers: inert (brick, concrete, tile), timber, metal, plasterboard, hazardous (if any remaining), general waste. Follow waste hierarchy - reuse/recycle where possible.
24. Remove any remaining hazardous materials (fluorescent tubes, batteries, chemicals, oils) as hazardous waste by licensed carrier.
25. Clear all debris and loose material from floors to reduce fire load and trip hazards. Maintain clear access and egress routes at all times.
26. On completion of soft strip, carry out inspection to confirm building is ready for mechanical demolition (reduced weight, no hidden hazards, and services clear).

Phase 5: Mechanical Demolition

27. Only commence after soft strip complete, asbestos clearance obtained, services isolated and confirmed dead, and exclusion zones established.
28. Position 20t excavator on firm, level ground with adequate bearing capacity. Use outriggers or tracks as appropriate. Daily pre-use inspection and checks by operator.
29. Fit and use appropriate hydraulic grab / selector grab attachment for controlled demolition and material handling. (Breaker or shear attachments may be used for specific elements if required and approved).
30. Establish and maintain strict exclusion zone around the building (minimum 1.5 x height or as risk assessed). Zone to be cordoned, signed and monitored by banksman at all times. No entry without authorisation.
31. Demolition sequence: Work systematically, typically from the highest point downwards and from one end of the building to the other. Use the grab to carefully pull down roof structure, walls and floors in a controlled manner, allowing material to fall within the footprint or designated drop zone. Avoid uncontrolled collapse.
32. Pull or push masonry walls inwards towards the building where possible. Break larger sections into manageable pieces with the grab.
33. Continuous dust suppression using water (bowser, hoses or dust cannon) to damp down the working area and arisings. Adjust for wind conditions. Stop works if dust cannot be controlled.
34. Banksman to control all movements, direct the operator and maintain exclusion zone integrity. Use radio or clear hand signals. Operator to have good visibility or use banksman.
35. Monitor constantly for unexpected voids, basements, tanks, wells or weak spots. Stop work and assess if found.
36. No personnel to be on the structure or in the exclusion zone during excavator operation. Only the operator in the cab.
37. At end of each shift: secure plant, clear loose debris, check exclusion zones, and report any issues.

Phase 6: Processing, Sorting and Disposal of Arisings

38. Sort all demolition material on site where practicable: concrete/brick for potential crushing and reuse as fill (if permitted), steel and metal for recycling, timber for reuse or biomass, plasterboard segregated, inert material.
39. Use licensed waste carriers and permitted disposal/recovery sites only. Complete waste transfer notes / hazardous waste consignment notes for all movements. Retain copies on site.
40. No burning of waste on site. No tipping or fly-tipping.
41. Crushing (if used on site) to be carried out with appropriate permit/exemption and dust/noise controls.

Phase 7: Final Clearance, Agricultural Reinstatement and Handover

42. Remove all remaining debris, rubble, foundations (to agreed depth if required) and loose material from the site.
43. Import clean, suitable topsoil as required to reinstate levels and provide a growing medium suitable for agricultural use.
44. Level and grade the site to a smooth, even surface suitable for agricultural purposes. The final site will be restored to agricultural use by P&D Williams in accordance with this RAMS and the project Justification Statement.
45. The Contractor’s scope of works (P&D Williams) includes both the demolition of the building / site clearance AND the subsequent agricultural land reinstatement (topsoil import and levelling). This is not limited to demolition and clean-up only.
46. Remove all site compound, welfare, fencing, signage and temporary works. Make good any damage to surrounding areas (coordinate with marina management as required).
47. Final inspection and photographic record of the reinstated agricultural surface. Complete any handover documentation, as-built records or waste documentation.
48. Obtain client sign-off confirming the site has been restored to agricultural use and demobilise.

6. PERSONAL PROTECTIVE EQUIPMENT (PPE)

The following PPE is mandatory for all personnel on site. Additional task-specific PPE will be identified in toolbox talks and COSHH assessments.

PPE Item	Standard / Requirement
Safety Helmet	EN 397 - mandatory at all times on site (except in welfare areas)
Safety Footwear	EN ISO 20345 - steel toe cap, midsole protection, ankle support. Rigger boots or safety trainers as appropriate.
High Visibility Clothing	EN ISO 20471 Class 3 - mandatory. Long sleeve for plant operations.
Eye Protection	EN 166 - safety glasses or goggles when cutting, breaking, in dusty conditions or using hand tools.
Hand Protection	Task specific: cut-resistant gloves for soft strip, rigger gloves for general demolition, chemical resistant where required.
Hearing Protection	EN 352 - ear defenders or plugs when working near operating plant or in noise >80dB(A). Hearing protection zones to be established.
Respiratory Protection (RPE)	FFP3 disposable mask or half-mask with P3 filter minimum for dusty operations and soft strip. Face-fit tested. Powered RPE if required for prolonged exposure. Licensed asbestos removal operatives to use equipment specified in their plan of work.
Other	Knee pads for floor work, sun protection / warm clothing as weather dictates. Life jacket / buoyancy aid if working immediately adjacent to deep water (risk assessed).

PPE must be inspected before use, maintained in good condition and replaced when damaged or expired. RPE must be stored correctly and face fit testing records available.

7. PLANT, EQUIPMENT AND TOOLS

- 20 tonne excavator - CPCS/NPORS A59 (or equivalent) qualified operator only. Current LOLER thorough examination and PUWER inspection. Fitted with hydraulic grab/demolition attachment, cameras/mirrors for 360° visibility, reversing alarm, fire extinguisher. Daily pre-use checks by operator.
- Hand tools for soft strip - hammers, crow bars, reciprocating saws, screwdrivers, etc. Battery or 110V only. PAT tested and visually inspected before use.
- Water suppression equipment - dust cannon, hoses, bowser or similar. Adequate supply of water on site.
- Welfare and site facilities - mobile welfare unit with toilet, wash basin, canteen, drying room, first aid kit, eye wash station. Generator if required (bunded fuel).
- Access equipment - if low level access required for soft strip: podium steps or mobile towers (PASMA trained users, inspected).
- Barriers and signage - Heras fencing, debris netting, warning signs, and exclusion zone tape.
- Spill kits and environmental equipment - oil/fuel absorbent, booms for water if required.

All plant and equipment to be used in accordance with manufacturer instructions, LOLER/PUWER and operator training. Defective equipment to be quarantined and reported immediately.

8. EMERGENCY PROCEDURES

8.1 Emergency Contacts

Service / Contact	Number / Details
Emergency Services (Police, Fire, Ambulance)	999 or 112
NHS 111 (non-emergency medical)	111
Nearest A&E Hospital	Wrexham Maelor Hospital, Croesnewydd Road, Wrexham LL13 7TD - approx. 20-25 mins drive
HSE Incident Contact Centre	0345 300 9923 (or online reporting)
Environment Agency Incident Hotline	0800 80 70 60 (24hr) - for pollution to canal/water
Canal & River Trust	0303 040 4040 (or local contact via marina)
Chirk Marina Office	01691 774558 (daily coordination contact)

Construction Manager - Stephen Carr	07801 294359
Site First Aider and contact	Dean Williams – 07807 160983

8.2 Key Emergency Actions

Medical Emergency / Injury

Administer first aid if trained and safe to do so. Call 999/112 for serious injury. Do not move casualty unless in immediate danger. Send someone to meet emergency services at site entrance. Complete accident report and notify Construction Manager. Report to HSE under RIDDOR if reportable.

Fire

Raise alarm, evacuate to assembly point (to be designated on site plan), call 999. Do not fight fire unless trained and safe (small fire only). Account for all personnel. Hot work permit required for any cutting/welding - with fire watch and extinguisher.

Structural Collapse or Uncontrolled Incident

STOP ALL WORK. Evacuate exclusion zone immediately. Secure area. Do not re-enter until assessed by competent person and Construction Manager authorises. Investigate root cause before resuming.

Discovery of Suspect Asbestos or ACM

STOP WORK IMMEDIATELY in the affected area. Do not disturb material. Evacuate and secure area. Notify Construction Manager. Await assessment by competent asbestos surveyor. Do not resume until clearance given.

Pollution Incident (spill to canal or ground)

STOP WORK. Contain spill using spill kits/booms if safe and trained. Prevent further release. Notify Environment Agency (0800 80 70 60), Canal & River Trust and marina immediately. Do not attempt major clean-up without specialist advice. Complete incident report.

Unauthorised Person in Exclusion Zone

STOP PLANT OPERATIONS IMMEDIATELY. Banksman to direct person to safe area. Do not restart until zone is clear and verified safe. Report any near miss.

9. ENVIRONMENTAL MANAGEMENT

In addition to the pollution controls in the risk assessment:

- Protect the Llangollen Canal and marina from debris, dust, silt and pollutants at all times. Use containment measures and coordinate with marina/Canal & River Trust.
- Apply waste hierarchy: prevent, reuse, recycle, recover, and dispose. Segregate materials on site and use licensed carriers/facilities only. Retain all waste documentation.
- An ecologist will be present on site during relevant parts of the demolition works, acting in the capacity of Ecological Clerk of Works (ECoW) in accordance with a Natural Resources Wales (NRW) Protected Species licence (to be applied for once Prior Approval is granted). This is specifically to oversee works in relation to protected species (including bats) and to ensure full compliance with the licence conditions and method statement.
- Check for protected species (bats, nesting birds) before and during works. If found outside the licensed works, stop immediately and consult the ECoW / ecologist – do not disturb.
- Minimise noise, dust and vibration nuisance to marina users and neighbours through suppression, timing and good practice.
- Fuel, oils and chemicals to be stored in bunded containers minimum 10m from water. Spill kits available.

10. TRAINING, COMPETENCE AND BRIEFING

- All personnel to hold appropriate competence cards: CSCS for construction operatives, CPCS/NPORS for plant operators (20t excavator), PASMA/IPAF for access equipment if used.
- All personnel to have current Asbestos Awareness training (UKATA or equivalent) before starting work.
- Licensed asbestos removal operatives to hold current training and medical certificates as required by CAR 2012.
- Site-specific induction and daily toolbox talks covering this RAMS, hazards, controls, emergency procedures and any changes. Signed records to be kept.

- Construction Manager and supervisors to have suitable experience and training in demolition and CDM.

11. MONITORING, AUDIT AND REVIEW

- Daily visual inspections and monitoring of compliance with this RAMS by Site Supervisor / Construction Manager.
- Weekly formal site inspection/audit against the controls in this document. Record findings and actions.
- Any incident, near miss, complaint or change in conditions to be reported immediately, investigated and this RAMS reviewed/updated as necessary.
- Any revision to method or discovery of new hazards requires re-briefing of all personnel and re-issue of updated RAMS.
- Client, principal designer or HSE visits to be facilitated. Full cooperation given.

12. ACKNOWLEDGEMENT AND SIGN-OFF

By signing below, I confirm that I have read, understood and will comply with this Risk Assessment and Method Statement (including all controls, emergency procedures and PPE requirements). I understand my duty to stop work if I believe it is unsafe and to report any hazards, near misses or incidents.

No.	Print Name	Company / Role	Signature	Date
1				
2				
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12				

END OF DOCUMENT

P&D Williams | Construction Manager: Stephen Carr | Document Reference: PDW-RAMS-DEM-CHIRK-001 Rev 01

This RAMS is live and must be reviewed if conditions change or new hazards are identified.