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Construction Method Statement
And
Environmental Protection Statement



All work to be carried out as the agreed strategy listed below. Primary consideration whilst drafting this statement has been Health and Safety and the safety to the public and the workforce,

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Foreword.

1). The proposed development is to comprise the construction of Residential dwellings with associated access road, car parking and areas of public open space at Glyndulais old people homes Mary Street Crynant Neath

Site Working Hours

The site working hours for the week are 08:00 am to 4.30 pm Monday to Friday. Saturdays is 08:00am – 1.00pm. No construction activity or any delivery related to implementation of the development hereby shall take place outside of the hours above and at any time on a Sunday or a public holiday.

Principle Contractor Details

CRYNANT PLANT & CONSTRUCTION LTD
MILLANDS ROAD IND EST, NEATH, SA11 1NJ
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2-Environmental Goals for the Project

Goal
No long-term damage to the environment
No legal prosecutions
Pollution Prevention
To actively involve our employees and the supply chain in developing and sustaining a positive environmental culture which promotes a working environment where everyone makes environmental protection personal and helps to create a Zero Harm culture through understanding their impact on the environment, by stopping work and seeking guidance if they are involved in an activity which they believe could adversely affect the environment
To conduct our operations in an environmentally and socially responsible manner to achieve environmentally sustainable solutions

3-Regular Liaison between Parties on Site

The principal communication lines between parties on site are detailed within the Project Communication Chart located in Sections 3 and 4 of the Core Information.
Communication with the Interested Parties
Environmental specific channels of communication are detailed below: -
Liaison with Parties Involved in the Project

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Staff members of Crynant Plant Ltd and all contractors are required to co-operate fully with other parties involved in the projects for issues that affect health and safety arrangements on the project.

Regular project progress meetings will be held with the Client, Designers and other parties involved in the project to ensure liaison between the parties involved in the project. Meeting minutes and any other relevant information will be circulated to the relevant parties involved in the project.

Liaison with Parties Outside the Project Crynant Plant Ltd will ensure that regular liaison is carried out between the site and residents and local businesses.

Interested Party	Communication Details	Contact Number
NRW	They may visit periodically	03000653000
CPL HS Advisor	Site visit on a regular basis	07538432098

4-Training, Awareness & Competence

Site staff shall be competent to perform tasks that have the potential to cause a significant environmental impact. Competence is defined in terms of appropriate education, training, and experience. Project specific training is required. Method Statement briefings will be given before personnel carry out key activities for the first time.

The environmental sustainability awareness and training specifically required on this site is detailed in Table 3: Below

Role	Environmental Aspects of Training
All new starters	CPL Company Induction
All site staff	Site-specific induction
All site staff	Toolbox Talks: Tree Protection Orders
All site staff	Environmental posters and site notices
All site staff	Briefings on key environmental aspects for the project as follows: Known complaints relating to the site
All site staff	Environmental aspects of Method Statements and Risk Assessments
All site staff	Environmental alerts
Project Manager	Briefing on the CEMP
Construction Manager	Briefing on the CEMP
Designer	Review of the CEMP
Environmental Manager	Review of the CEMP
Sub-contractor Supervisors	Briefing on the CEMP

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5-Transport Refer to the Transport Use & Management Procedure and the site-specific Traffic Management Plan.

Key Point	Mitigation Measures
Parking Facilities	There are car parking facilities on site. Site traffic will not be permitted to park and wait in the local area. All deliveries will be on rigid loads preferably or on larger articulated loads only with prior agreement of the Site Manager, as shorter vehicles are unlikely to cause disruption or damage to the highway. Signage will be erected to assist delivery drivers as well as sending directions to the site when placing orders. All deliveries are to be unloaded within the safety of the site boundaries. Delivery times to be between 9.00am and 3.30pm unless with prior agreement of the Site Manager. The position of the site compound and car park will be located as shown on the attached site plan.
Access Routes	This proposed site entrance is opposite a residential development on Mary St with a footpath on the opposite side. The proposed construction methodology has been planned to limit any negative impact on adjoining residents and business in the following ways.
Loading Bay	Loading bay will be located within the site to get vehicles of the road as soon as possible
Deliveries	All deliveries will be scheduled 24 hours in advance and drivers will contact the traffic controller 1 hour before arrival. Deliveries will be made between 9am and 3pm to site. Access to the site will be from Mary Street, no vehicles are allowed to reverse into site. These paths are highlighted on attached layout. Vehicles will leave the site onto Mary St and turn right leading onto A4109.

6-Protection of drainage devices:

Feature/Issue	Details
Silt Management	Silt pollution is easily identified by discolouration or cloudy water. It affects the quantity of suspended soils or turbidity in water and can create several issues if uncontrolled discharge reaches a sensitive receptor, such as a river. Key considerations for the project include: Limiting stripping to the minimum amount of land required Diverting clean water away from bare ground Planning for the treatment of silty water when pumping out excavations or managing surface water run-off. Any silt will be removed by using settlement tanks, ponds, or lagoons, by allowing silty water to infiltrate through large areas of grassy ground, geotextiles filters or straw bales.
Oil and fuel storage	The storage of all potentially polluting material will be within an impervious bund with a capacity greater than 110% of the total potential stored contents (for multi-tank bunds, the capacity must be 110% of the capacity of the largest tank or 25% of the total tank capacity, whichever is greater). All level gauges, filling valves and vents and filling nozzles (when not in use)

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Feature/Issue	Details	
	should remain within the bund. All valves will be kept locked when not in use and made available to authorised persons only. Site specific toolbox talks will be carried out to ensure adequate refuelling methods are in place.	
Chemical storage	All chemicals will be kept in appropriate-sized containers to avoid the need for decanting. Where decanting is necessary, training, and safe procedures will be put in place to avoid any spillages. CPL will provide relevant information, instruction, training, and supervision to employees. Drips trays will be available for plant and equipment to avoid any leaks	
Pollution incident response plans	Training will be provided to operatives to highlighted and raise awareness of the correct procedure to deal with environmental incidents emergencies, such as spills. CPL incident response plan includes: Emergency contact numbers Responsibilities of site personnel Awareness of environmental issues via communication and training Location of drainage systems/sewers and arrangements for their stopping up if leakage into them occurs. The correct use of containment equipment (such as drip trays, bunds, and booms to avoid spillages) The location of spills kits around site Arrangements for the safe disposal of used spill kit equipment and contaminated materials	
Ecology	Refer to the Dealing with Japanese Knotweed Procedure, the EU Timber Regulations Procedure EMS CE44-39, the Ecological Assessment and Site Plan in Appendix A showing areas of protection for wildlife/trees/vegetation.	
	Treatment of vegetation	During construction, which is in the spring, vegetation on the site boundary needs to be controlled without being damaged so that it can remain a feature of the site. Operatives treating the vegetation using herbicide sprays will need to be appropriately certificated.
	Removal of vegetation	Some areas of vegetation need to be removed. This will be dealt with prior to the breeding and nesting period in the spring if at all possible.
	Protection of wildlife	Areas of vegetation and trees remaining at the bottom end of the site will be fenced off with appropriate signage to ensure they will not be damaged by the construction works.
	Reptiles	CPL to monitor all ground works regarding any form of reptiles discovered during operations, they must report findings to the ecologist and stop work immediately,
Residential properties	Dwelling is to the top side of site and opposite and below, every care will be taken to prevent pollution from Noise/Dust and Water, we will liaise with residents during the construction period. Possibilities of run off towards bottom of site and at gate and entrance, ensure	

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Feature/Issue	Details
	road is always cleaned
Noise and Vibration,	The following noise management policies and procedures will be implemented to ensure that the project can be carried without cause complaint or lose of harmony to the local community: All plant and equipment will be regularly maintained to ensure that no item will produce excessive noise. If noise or vibration levels are cause of concern or if there are complaints, the Environmental Manager will carry out a site investigation – an improvement plan will be put into place and discussed with the site team. Traffic movements from waste collection vehicles will take place during operational hours and these will take into consideration the neighbourhood requests for quiet periods. Plant maintenance operations should be undertaken as far away from noise-sensitive receptors as possible. The use of barriers to absorb and/or deflect noise away from noise sensitive areas will be employed where required and reasonably practicable. All plant used on site, paying particular attention to the integrity of silencers and acoustic enclosures will be maintained in good and efficient working order and operated such that noise emissions are minimised as far as reasonably practicable. Limit the use of particularly noise plant, i.e., do not use particularly noisy plant early in the morning. Limit the number of plant items in use at any one time. Machines in intermittent use should be shut down or throttled down to a minimum during periods between work. A speed limit of 5 mph will be in place at the site. Phasing the works to maximise the benefit from perimeter structures. When replacing older plant, ensure that the quietest plant available is considered wherever possible; any deliveries/spoil removal vehicles should be programmed to arrive and depart during daytime hours only. Site staff will be made aware that they are working in the immediate vicinity of a sensitive receptors and avoid all unnecessary noise due to misuse of tools and equipment, and unnecessary shouting. Care should be taken when loading vehicles to minimise disturbance to local residents. Vehicles should be prohibited from waiting within the site with their engines running.

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Feature/Issue	Details
	Report any defective equipment/plant as soon as possible so that corrective maintenance can be taken. A complaints response system shall be maintained by the contractor for the site enabling any complaints regarding noise to be reported and appropriate action taken. Liaison with neighbours and other interested parties to ensure that works to not cause excessive disruption. Any plant found to be requiring interim maintenance should be identified by the operator and repairs undertaken by a qualified engineer as soon as possible. Regular and effective maintenance of plant can play an important part in keeping noise levels under control. -Noise Reduction of Stationary Plant and Tools Possible noise reduction measures for compressors or generators are as follows: -Use of electric powered compressors as opposed to diesel or petrol. -Sound reduced compressor or generator can be used to supply several pieces of plant. -Use of centralized generator system. -Efficient sound reduction equipment should be fitted to engines. -Metal casings should be acoustically dampened. -Manufacturers' enclosure panels should be kept closed. -Erection of an acoustic screen between the compressor or generator and noise, sensitive locations. -Enclosure of compressor or generator in a ventilated acoustic enclosure. Below  <u>Possible noise reduction measures for tools are as follows:</u> 1-Use of hydraulic or electric tools where possible. 2-Use of alternative quieter equipment for concrete breaking/cutting. 3-Fitting suitably designed sound reduction equipment to reduce noise without impairing efficiency. 4-Use of damped tool piece or saw blade. 5-Enclose above is a suitably designed portable or fixed acoustic enclosure with suitable ventilation (with due regard to the health and safety of operatives).

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Feature/Issue	Details																																	
	Newer heavy-duty diesel generators are designed to emit low noise and vibration. Some units are up to 15 dB (A) quieter than older diesel-powered generators and quieter than most gasoline sets. The units are totally enclosed and damped, including cooling, exhaust, and intake system. The following list and respective A-weighted sound pressure levels (L_{aeq} 10m dB) have been taken from the British Standard 5228 Part 1 – “Code of practice for noise and vibration control on construction sites”. This list does not intend to be exhaustive, and plant and equipment onsite might be subject to change. <table><tr><th>Equipment</th><th>Equipment size</th><th>A-weighted sound pressure level, L_{Aeq}, dB at 10m</th></tr><tr><td>Telescopic handler</td><td>17 m boom</td><td>71 dB(A)</td></tr><tr><td>Mobile crane</td><td>100t</td><td>71 dB(A)</td></tr><tr><td>Site dumper</td><td>7 ton</td><td>76 dB(A)</td></tr><tr><td>360 excavators tracked/wheeled</td><td>24 Ton</td><td>75 dB(A)</td></tr><tr><td>Generator (running)</td><td>6.5 KVA</td><td>64 dB(A)</td></tr><tr><td>Lifting platform</td><td>8 ton</td><td>67 dB(A)</td></tr><tr><td>Excavator</td><td>21 Ton</td><td>71 dB(A)</td></tr><tr><td>Road Sweeper (dust suppression)</td><td>70 kW</td><td>76 dB(A)</td></tr><tr><td>Compressor</td><td>4 m3/min</td><td>72 dB(A)</td></tr><tr><td>Truck Mixer for concreting ops</td><td>5 m3</td><td>72 dB(A)</td></tr></table> Subcontractors will provide a list of equipment and plant that will be onsite. Sound pressure levels for this equipment will be taken into consideration so that no negative impact is extended to neighbours or other interested parties. The Environmental Manager will carry out frequent environmental audits to the site. In the course of this audits, noise and vibration and dust control are items that will be audited and discussed with the site team. Should it be necessary, an improvement plan will be put in place to ensure no complaints are raised by interested parties.	Equipment	Equipment size	A-weighted sound pressure level, L _{Aeq} , dB at 10m	Telescopic handler	17 m boom	71 dB(A)	Mobile crane	100t	71 dB(A)	Site dumper	7 ton	76 dB(A)	360 excavators tracked/wheeled	24 Ton	75 dB(A)	Generator (running)	6.5 KVA	64 dB(A)	Lifting platform	8 ton	67 dB(A)	Excavator	21 Ton	71 dB(A)	Road Sweeper (dust suppression)	70 kW	76 dB(A)	Compressor	4 m3/min	72 dB(A)	Truck Mixer for concreting ops	5 m3	72 dB(A)
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7-Statutory Nuisances

Key Point	Mitigation Measures
Stockpiles	Stockpiles of excavated material for re-use need to be covered to reduce risk of dusts leaving site. It will be necessary to store topsoil on site which has been striped for the construction process to continue. This material will be carefully stored on site with bunds sealed to avoid water saturation and silt build up. Shallow drainage trenches will be excavated around the

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	bunds to contain water discharged during wet periods. Where there it is likely that silt may discharge off the site silt fencing will be erected to contain any discharge. To dampen down soil during dry weather, Stockpile will be kept to a minimum, Minimise the grade of the stockpile. It will be necessary to store topsoil on site which has been striped for the construction process to continue. This material will be carefully stored on site with bunds sealed to avoid water saturation and silt build up. Shallow drainage trenches will be excavated around the bunds to contain water discharged during wet periods. Where there it is likely that silt may discharge off the site silt fencing will be erected to contain any discharge. Minimise the grade of the stockpile. During dry periods, it may become necessary to dampen or cover the stored soil to prevent dust from becoming a nuisance.
Wheel Wash	Although the volume of traffic from the site will be considerably lower than normal due to the re-use of topsoil and subsoil on site and with a standard number of deliveries along with the existing spine tarmac access road it will be necessary to establish and maintain a wheel washing facility on site to prevent mud or dust from carrying out onto the road. This will be continually monitored throughout the contract period. Wheel Wash Facility Temporary linear aco drainage to be installed running into a sump. Waste to be pumped out using road sweeper. A road sweeper will be brought in when necessary to ensure the roads are kept clean and tidy. Gully covers will be covered with Terram to prevent them from becoming blocked from dirt and mud build up. Care will be taken during winter months to ensure water does not run onto the road where it may freeze causing a hazard. The entrance to the site on Mary St will be swept and washed regularly and whenever a build-up of excess debris/muck/clay occurs. Regular inspections of manholes and local water courses will be carried out to monitor and prevent any interference from site activities.
Noise screens and hoarding	Twice-daily checks in place to ensure there is excellent security and no route on to site for the public. There will be noise and vibration monitoring and we are in discussion with the piling sub-contractor on methodology and plan such as use of a quiet hammer system.
Access Road Dusts	Any excessive dusts created through use of the access road in dry weather will be dampened down.
Access Road Mud	A wheel wash will be located with the site to ensure wheels are washed down before they leave site.

8-The following list includes the mitigation measures to ensure that dust is controlled to an acceptable level and will not be an issue throughout the project.

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The Environmental Manager will periodically carry out site inspections and air quality control will be one of the audited topics. Additionally, the site team is to communicate any issues regarding local air quality to the HSEQ team.

Activity	Mitigation measures
Communications	Develop and implement a stakeholder communications plan that includes community engagement before work commences on site.
	Display the name and contact details of person(s) accountable for air quality pollutant emissions and dust issues on the site boundary. This will be the Project's Contracts Manager.
Site Management	Record all dust and air quality complaints, identify cause(s), take appropriate measures to reduce emissions in a timely manner, and record the measures taken.
	Make the complaints log available to the local authority when asked.
	Record any exceptional incidents that cause dust and/or air emissions, either on- or off- site, and the action taken to resolve the situation in the logbook.
Monitoring	Carry out regular site inspections which will ascertain the success of the implemented dust management controls. These inspections will be recorded and any recommendation which results from these inspections is to be followed up by site management.
	Undertake weekly on-site and off-site inspection, where receptors (including roads) are nearby, to monitor dust, record inspection results, and make the log available to the local authority when asked.
Preparing and maintaining the site	Erect solid screens or barriers around dusty activities or the site boundary that are at least as high as any stockpiles on site.
	Fully enclose site or specific operations where there is a high potential for dust production and the site is active for an extensive period.
	Avoid site runoff of water or mud.
	Keep site fencing, barriers and scaffolding clean using wet methods
	Remove materials that have a potential to produce dust from site as soon as possible, unless being re-used on site. If they are being re-used onsite cover as described below
	Cover, seed, or fence stockpiles to prevent wind whipping.
	The hardstanding surface will be kept as long as possible. The entrance/exit aco will also be retained and will always be linked to an interceptor.
Operating vehicles & machinery	Ensure all vehicles switch off engines when stationary - no idling vehicles
	Avoid the use of diesel- or petrol-powered generators and use mains electricity or battery powered equipment where practicable.
	All plant and equipment shall be maintained in accordance with manufacturer's recommendations to ensure emissions to atmosphere are minimised.
	Impose and signpost a maximum – speed-limit of 15 mph on surfaced and 10 mph on un-surfaced haul roads and work areas
	Produce a Construction Logistics Plan to manage the sustainable delivery

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	of goods and materials.																																				
	Areas where there is regular vehicular movement should have a consolidated surface which shall be kept in good repair																																				
Operations	Only use cutting, grinding, or sawing equipment fitted or in conjunction with suitable dust suppression techniques such as water sprays or local extraction, e.g., suitable local exhaust ventilation systems.																																				
	Ensure an adequate water supply on the site for effective dust/particulate matter suppression/mitigation, using non-potable water where possible and appropriate.																																				
	Ensure equipment is readily available on site to clean any dry spillages and clean up spillages as soon as reasonably practicable after the event using wet cleaning methods.																																				
	Drop heights from conveyors, loading shovels, hoppers, and other loading or handling equipment shall be minimised, and fine water sprays should be used on equipment where necessary																																				
	All vehicles carrying dusty materials shall be securely covered.																																				
	Water suppression shall be used in dry conditions to reduce dust emissions (e.g., mobile bowzers or fixed sprayers as appropriate).																																				
Waste Management	Skips, chutes, and conveyors shall be covered and if necessary enclosed to ensure that dust does not escape. The site will be monitored using our in-house waste management system and as such all waste will be recorded. Waste material will be segregated and stored in separate skips. The Skips will be supplied and changed by Crynant Plant Ltd who will then send the waste for recycling and report back as to the percentage of material recycled. To minimise the creation of waste wherever possible.																																				
	<table><tr><td>Enabling Works (including Demolition)</td><td></td></tr><tr><td>Concrete</td><td>Re-use on Site</td></tr><tr><td>Tarmac</td><td>Re-use on site/Dry</td></tr><tr><td>Bricks/Blocks</td><td>Re-use on Site</td></tr><tr><td>Timber</td><td>Re -cycle</td></tr><tr><td>Subsoils</td><td>Re-use on site/Recycle</td></tr><tr><td>Metals</td><td>Scrap value</td></tr><tr><td>Asbestos</td><td>No usage/Landfill</td></tr><tr><td>Plasterboard</td><td>Return/Recycle/Landfill</td></tr><tr><td>Construction Works</td><td></td></tr><tr><td>Plasterboard</td><td>Return/Recycle</td></tr><tr><td>Brick/Blocks</td><td>Recycle</td></tr><tr><td>Timber</td><td>Recycle</td></tr><tr><td>Cardboard</td><td>Recycle</td></tr><tr><td>Mortar</td><td>No usage/Dry to skip</td></tr><tr><td>Metals</td><td>Recycle</td></tr><tr><td>Paints</td><td>Recycle</td></tr><tr><td>Soils</td><td>Use/Sell</td></tr></table>	Enabling Works (including Demolition)		Concrete	Re-use on Site	Tarmac	Re-use on site/Dry	Bricks/Blocks	Re-use on Site	Timber	Re -cycle	Subsoils	Re-use on site/Recycle	Metals	Scrap value	Asbestos	No usage/Landfill	Plasterboard	Return/Recycle/Landfill	Construction Works		Plasterboard	Return/Recycle	Brick/Blocks	Recycle	Timber	Recycle	Cardboard	Recycle	Mortar	No usage/Dry to skip	Metals	Recycle	Paints	Recycle	Soils	Use/Sell
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	To provide all necessary waste transfer documentation <u>MONITORING</u> The skips will need to be monitored to ensure that contamination of segregated skips does not occur. Therefore, we will advise regularly on how the waste management system is working. We will continually review the type of surplus materials being produced and where we can change the site set up to maximise on re-use or recycling and the use of landfill will be the last resort
Demolition	Soft strip inside buildings before demolition (retaining walls and windows in the rest of the building where possible, to provide a screen against dust).
	Bag and remove any biological debris or damp down such material before demolition.
	Ensure effective water suppression is used during demolition operations.
Internal and external finishing	Sanding and cutting machinery will be fitted with dust suppression or collection equipment. Vacuum cleaning should be used wherever possible. Washing and damping down should be carried out whenever necessary
Dust management controls to be implement onsite include	Haul roads to be constructed in the early stages of the project – this will ensure that the vehicles will not generate excessive dust on access and egress. Road Sweeping to be carried out to ensure the site's appearance and external accesses are in good condition. All waste lorries to be netted when leaving site to minimise dust and prevent any material from accidentally dropping from the load. Provision for wheel wash area so that lorries can be jetted down when leaving the site. This will depend on our ability to ensure a suitable area is available for this setup. System must have rumble grids to dislodge accumulated dust and mud prior to leaving site. Installation of solid screens or barriers around dust generating activities. These will be at least as high as any stockpiles onsite. All equipment (for cutting, griding or sawing) to be fitted with suitable dust suppression techniques such as water sprays or local extraction
Contaminated Land	Sampling and analysis of excavation stockpiles Sampling and analysis of subsoils will be undertaken on the excavated materials and stockpiles onsite. Non-hazardous materials will be reused and hazardous will be suitably disposed of. There is contamination on site. There is a remediation strategy for the site and there is proposed capping to protect human health. As part of the environmental Risk Assessment the requirement for wetting down road surfaces and water suppression during construction activities such as the use of disk cutters and soil storage, vehicles leaving site will be covered and soil will be wetted down during high wind weather, Speed limit to be 10mph to minimise dust by vehicles.

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	Daily inspections will be undertaken by the site manager who will ensure such requirements are identified and that the appropriate actions are taken. Site vehicles will be regularly checked and monitored for cleanliness to prevent dirt carrying out on residential roads and to present a good image. Wheel wash facilities to be installed close to entrance. All Plant vehicles will be maintained and in good working order, Block splitters will be used on site rather than handheld disc cutter, Dust extraction equipment will be used on all hand-held power tools regarding cutting/planeing and drilling, All waste skips will be covered over to prevent dust. Stockpiles will be kept to a minimum on site and compacted. Deliveries will be controlled to prevent queuing and will minimise fumes, All engines will be switched of during non-operations.
Pest Control	We will ensure that adequate arrangements for disposing of food and canteen waste and/or other material attractive to pests will be implemented. The site's welfare area will be frequently cleaned to ensure no build-up of food waste that can attract pests. Food and beverages will only be consumed in controlled and tidy locations such as the canteen. No food allowed in open areas of the site, where its waste might attract vermin. All waste materials to be placed in sturdy, closed containers. These will be emptied regularly to prevent unpleasant odours. Good standard of housekeeping to be implemented at all times. The site will be frequently visited and audited by CPL team to ensure this is maintained throughout the project's duration. If infestation occurs, CPL will take action to deal with it as required by the Council's Environmental Health Officer
Concrete Wash Water	The Project Lead must develop a strategy for dealing with concrete wash water and put this in place before concrete mixing or deliveries start on site. There must be a designated washout area in a suitable place on site. The area should provide an impermeable containment for wash out water. This is the only area on site where concrete activities are permitted to wash out, including mixers, barrows, and rakes. A lined and watertight skip may be an acceptable solution. As far as possible concrete mixing or delivery lorries should return for washout to the batching plant with only chutes being washed out on site. Wash waters that can't be reused on site should be discharged to foul sewer under a trade effluent consent (discharge license) from the sewerage provider. If this isn't possible or practical, wash waters can be

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	discharged to ground or to surface waters in accordance with the EA regulatory position statement or a valid environmental permit. If none of these options are possible the wash waters must be taken off site by road tanker and treated at an authorised treatment facility. Concrete is highly alkaline and corrosive and can have a serious impact on watercourses. It is essential to take particular care with all works involving concrete and cement. Suitable provision is to be made for the washing out of concrete mixing plant or ready-mix concrete lorries so that washings do not flow into any drain or watercourse or seep underground. In the event of a spillage on site, the material must be contained (using an absorbent material such as sand or soil or commercially available booms). 
Remediation Works	Remediation work is to Provide, maintain, and enforce necessary site security including temporary fencing for the duration of the works. Carry out level survey across the entire site prior to starting the works, Carry out PM10 real time air quality monitoring including asbestos at typically 3 locations along the site boundary to be determined by the Engineer. Boundary noise and vibration monitoring General site clearance within site boundaries, including removal and disposal of vegetation and rubbish. Allowance for third party treatment of Japanese Knotweed, Mares Tail and/or other invasive plants Clean out drains, sumps/oil interceptors. Stopping off redundant services at site boundaries (diversion by others) Treatment of contaminated groundwater Disposal of drain/sump arisings, hazardous waste Excavation of made ground. materials across the entire site 0-2.0m Allow for excavation of acceptable material from stockpile.

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	Extra over excavation for excavation in hard material, concrete (slabs and foundations) etc Processing and sorting of the remainder of the excavated materials in order to separate acceptable materials from unacceptable materials such as asbestos, hydrocarbons, timber, metal, vegetation, soft silts/peats etc. Disposal of unacceptable materials. (Stable non-reactive hazardous waste) Imported acceptable material. Class ½ Compaction of acceptable material in areas of fill
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Erection of Temporary/ semi-Temporary Site signage and Site Hoarding



- Signs will be displayed around the site and policed to control site traffic and maintain a site speed limit of 5MPH.
- Direction signage will be erected to guide delivery drivers and visitors to the site entrance off Golwg-y-Craig and Mary Street.
- Viewing points to be installed on site hoarding and fencing at the SM discretion.
- Welfare signs for first aid post and assembly area will be visible on site.
- Site Contact Telephone numbers will be installed on site notice boards,
- Entrance gates will be locked at all times.

Communication with Residents and Emergency Services

- The Site Management team are to visit the residents to discuss general safety issues with the Residents and offer support regarding a Talk on general Site Safety and Awareness.
- A regular meeting will be held with a representative of the residents to ensure ongoing good relationships and standards of Safety.
- Contact details of the Site Team will be given to the residents in case of emergency.

Superseded

- Where the Site needs to deviate from working practices which could **influence the Residents discussions will be held to minimise disruption.**
- The Site Manager will contact the Emergency Services and suggest a Site Familiarisation visit to ensure that there would be no problems with access should an emergency occur.

It is of utmost importance that the Residents located on either side of the main access road are protected from the construction works and associated site traffic for the duration of the project.

LIASON BETWEEN PARTIES

Liaison with Parties Involved in the Project

Staff members of Crynant Plant Ltd and all contractors are required to co-operate fully with other parties involved in the projects for issues that affect health and safety arrangements on the project.

Regular project progress meetings will be held with the Client, Designers and other parties involved in the project to ensure liaison between the parties involved in the project. Meeting minutes and any other relevant information will be circulated to the relevant parties involved in the project.

Liaison with Parties Outside the Project Crynant Plant Ltd will ensure that regular liaison is carried out between the site and residents and local businesses.

H&S INFORMATION FOR (SUB-) CONTRACTORS

Sub-contractors have been issued with relevant health and safety information during the tender process to allow them to resource and plan their works accordingly.

The Health and Safety Conditions for Sub-contractors have been issued to every sub-contractor and is applicable to this project.

Every sub-contractor will attend a pre-start meeting at which the sub-contractor Quality and Safety Summary is completed to identify duty holders, allocate responsibilities, record common facilities, and identify high risk activities and associated controls.

Everyone prior to starting work on site will receive Induction Training at which time all appropriate health and safety information will be given.

In addition to the daily management and monitoring of site activities there will be specific Progress Meetings where health and safety will be discussed, Health and Safety Meetings where Sub-contractors and the workforce will be consulted and there will also be briefings for all personnel engaged in high-risk activities.

Superseded

Emergency services will be contacted to advise them of access arrangements.

Police, Ambulance, and Fire Brigade services are to be notified prior to commencement of works on site. All services will be invited for a prestart familiarisation visit.

Names / organisations	Responsibility	Contact number
Emergency services	Fire and Accident Assistance	999
Natural Resources Wales	Pollution Incidents	0800 807060
Virgin Media damage hotline	Cable damage	08708883113, Option 1
Wales & West	Gas release incident	0800 111999
Electricity Supplier	Cable strike/OH line incident	0800 6783 105
Water company	Service strike	0800 052 0130
HSE	Major Incidents	0345 300 9923

HOSPITAL
Neath/Port Talbot
Baglan Way
Port Talbot
SA12 7BX
01639862000

FIRE SERVICES
Rear of Commercial St
Port Talbot
SA13 1LG
01639883332

POLICE
Gnoll Park Road
Neath
SA11 3BW
01639635321

Name: M. Ashour

Signed 

Superseded



Superseded

