



Press Glass Flood Defence Plan

FLOOD DEFENCE POLICY At Press Glass Wales, we are committed to ensuring the resilience of our operations, employees, and assets against the risks posed by flooding. Recognising that our site at Baglan Industrial Estate has been subject to previous flooding events, we take a proactive approach to flood risk management. Our flood defence policy is designed to implement best practices, align with regulatory requirements, and safeguard business continuity in the event of severe weather conditions.

Introduction

At Press Glass Wales, we are committed to ensuring the resilience of our operations, employees, and assets against the risks posed by flooding. Recognising that our site at Baglan Industrial Estate has been subject to previous flooding events, we take a proactive approach to flood risk management. Our flood defence policy is designed to implement best practices, align with regulatory requirements, and safeguard business continuity in the event of severe weather conditions.

Assessment of Flood Risk

We are dedicated to assessing and mitigating flood risks to ensure the safety and functionality of our facility. As part of our due diligence. We have confirmed that there is no significant risk of flooding from nearby watercourses such as Baglan Brook or from surface water. According to NRW surface water flood maps, our site is not situated in a high-risk flood zone. Groundwater flooding risk is assessed as minimal, and the site is located more than 20 meters from any significant drainage infrastructure, as per the Land Drainage Act 1991.

Press Glass is new development, located at Baglan Industrial Estate, Baglan Way Port Talbot. The site is located in an area that has been subjected to previous flooding over recent years. However there is no significant risk of flooding to the building from the adjacent river (Baglan Booke) or from surface water



Flood Prevention Strategy

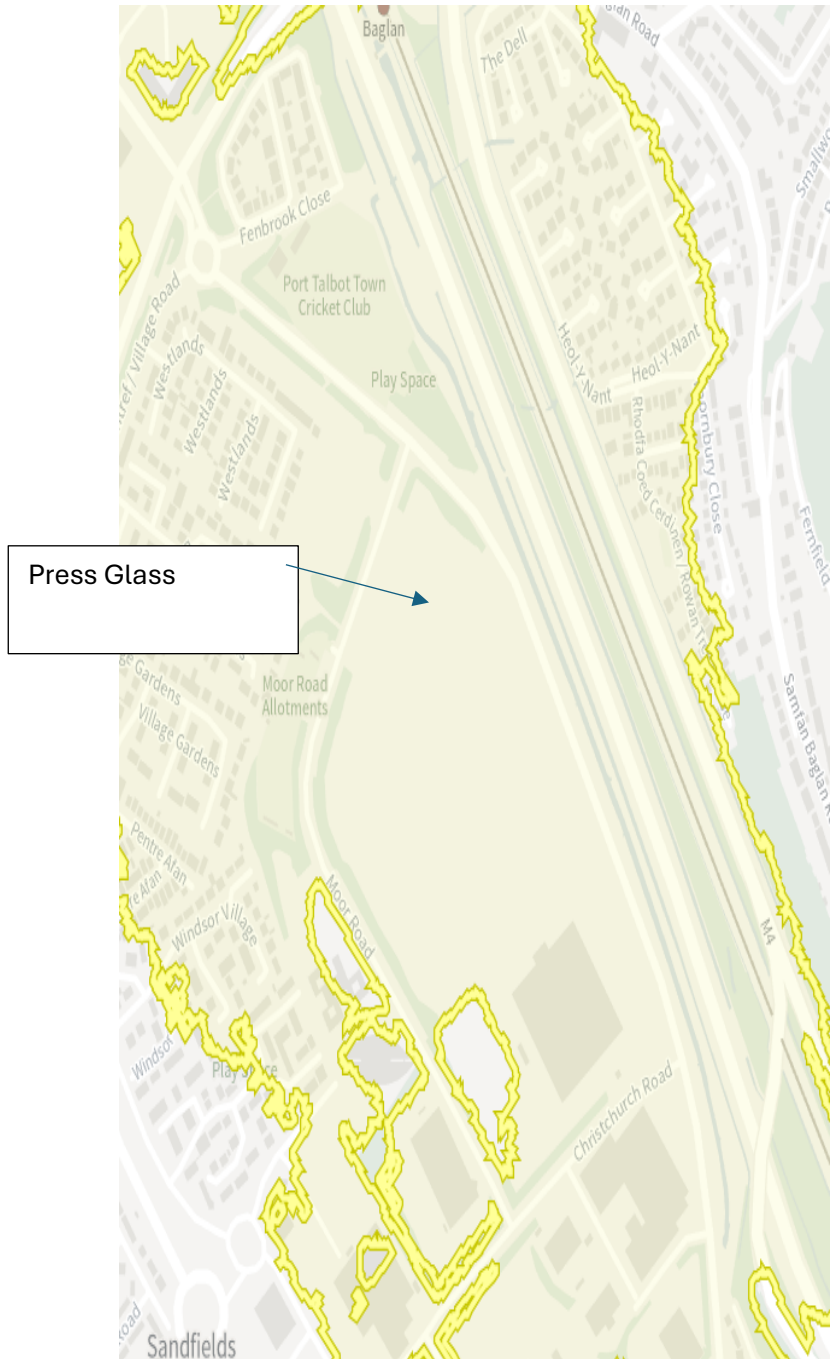
Press Glass Wales, we prioritize the prevention of flood-related disruptions by implementing a comprehensive strategy that includes:

Surface Water Management

- Adhering to the National SuDS Standards for sustainable drainage.
- Conducting regular inspections and maintenance of drainage systems to prevent blockages.
- Installing flood barriers and water pumps in areas prone to water accumulation.
- Ensuring that excess water is directed toward designated drainage routes, safeguarding key infrastructure.

Environmental Controls

- Maintaining a robust monitoring system for adverse weather conditions and flood alerts.
- Working in collaboration with environmental agencies to keep flood risk assessments current.



ZONE B- Areas known to have flooded in the past
Considered to be at little or no risk of fluvial or coastal/tidal flooding. (Picture 1)

- Storing hazardous substances such as fuel, oil, and chemicals securely to prevent contamination in case of flooding.





Surface water and risk of surface water flooding

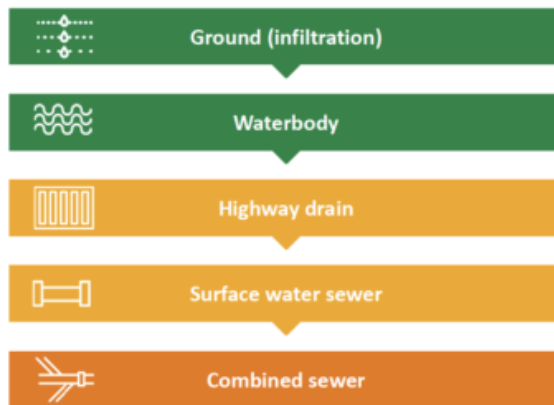
In line with NRW surface water flood Maps, Press Glass Wales is not considered to be within an area susceptible to surface water flooding. Nor is the site within an area susceptible to groundwater flooding. Under section 72 Land Drainage Act 1991, it is not located within 20m of the building.

Surface Water Discharge Hierarchy

Hierarchy of surface water discharge

The Headlines

Planning Practice Guidance (NPPG: Para 80)



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During Development of the site (2024) The hierarchy of surface water was implemented to comply with the National Standards for sustainable drainage systems (SuDS) within Designing, constructing, operating and maintaining drainage for surface runoff. The flood Management Plan for Press Glass Wales has considered the National SuDS Standards and the report that was compiled during the design phase of the building.

- Inspect and maintain drainage systems to prevent blockages.
- Install flood barriers and water pumps to protect low-lying areas.
- Risk Assessment and Alerts
- Conduct site-specific flood risk assessments and use local flood alert systems to stay informed.
- Train staff to recognize early warning signs and respond appropriately.
- Waste Management During Floods



- Ensure all waste containers are stored securely above potential flood levels.
- Partner with Griffiths Waste to safely remove waste in anticipation of severe weather.
- Flood Evacuation Procedures

Emergency Flood Response Plan

We are committed to a structured and effective response in the event of flooding. Our emergency measures include:

Risk Assessment and Early Warning Systems

- Regularly reviewing and updating our flood risk assessments.
- Utilizing NRW flood warning services to stay informed about potential flood threats.
- Training staff to recognize early warning signs and respond swiftly.

Evacuation & Safety Procedures

- Establishing designated evacuation routes and assembly points on higher ground.
- Utilizing a site-wide communication system to issue flood warnings and evacuation orders.
- Implementing controlled shutdown procedures to protect critical infrastructure and prevent damage.

Waste Management During Flood Events

- Ensuring that all waste materials are securely stored above potential flood levels.
- Partnering with Griffiths Waste for the prompt and safe removal of waste materials during flood events.

Evacuation Plan

Flood Risks to People “People are at risk of suffering death or serious injury when flooding occurs.

People are unable to stand in deep or fast flowing floodwater. Once they are unable to stand, there is a high risk of death or serious injury. Adults are unable to stand in still floodwater with a depth of about 1.5m or greater, although this is obviously affected by the height of a person. The depth of flowing floodwater where people are unable to stand is much less. For example, some people will be at risk when the water depth is only 0.5m, if the velocity is 1m/s (about 2 mph). If



the velocity increases to 2m/s (about 4 mph) some people will be unable to stand in a depth of water of only 0.3m. Most people will be unable to stand when the velocity is 2m/s and the depth is 0.6m.”

The scheme has been designed to convey all flows up to a 1 in 100-year return period, with a 40% increase for climate change, within the system so the only exceedance flows that will be generated from this development will be as a result of system failure or blockage or rainfall events in excess of the designed return period. Drawing contained within the SAB application pack demonstrates the flow pathways to protect the building by directing water away from the building and towards the public highways which drain to the adjacent watercourse (Baglan Brook).

- Pre-designate evacuation routes and assembly points on higher ground.
- Use the site-wide communication system to notify staff of evacuation orders.
- Emergency Response Team
- Assign roles for leading evacuations, assisting vulnerable individuals, and securing the site.
- Perform a roll call at assembly points to ensure all personnel are accounted for.
- Post-Flood Actions
- Contact emergency services and Griffiths Waste for safe site cleanup and waste removal.
- Inspect facilities for damage and repair drainage or flood-prevention infrastructure as needed.

Post-Flood Recovery & Business Continuity

We are committed to minimizing downtime and ensuring the swift recovery of operations following a flood event. Our post-flood actions include:

- Conducting an immediate assessment of structural and operational damage.
- Coordinating with emergency services and environmental agencies for expert guidance and support.
- Repairing and restoring drainage and flood prevention infrastructure as necessary.



- Reviewing and updating flood defence measures based on post-incident evaluations and lessons learned.

6. Policy Review & Compliance

As part of our commitment to continuous improvement, we will:

- Conduct an annual review of this policy or following any significant flooding event.
- Ensure full compliance with local and national flood risk regulations.
- Implement ongoing improvements in flood defence measures by leveraging advancements in technology and industry best practices.

Approval & Review:

This policy has been approved by Press Glass Wales Management and will be periodically reviewed to ensure its effectiveness in mitigating flood risks. Our ongoing commitment to flood resilience will help protect our business, employees, and the wider community from the impact of severe weather events.