

*Information relating to location and severity of recent and historic flooding incidents caused by, or originating from any canals etc managed by British Waterways within the Borough of Brent.*

*Supplied by Philip Adshead, Manager – Assets, British Waterways*

As you know our assets within LB Brent include the Grand Union Paddington Arm (Piggery Lane Bridge off Bilton Road to Acton Lane Bridge), Brent Reservoir (Welsh Harp) and the Brent Feeder (connects Brent Reservoir to GUP Arm with the Junction just West of Actons Lane Bridge). With regard to flooding incidents we would make the following comments for each of the three assets:-

- a) GUP Arm – We are not aware of any incidents on record associated with flooding from the GUP in LB Brent.
- b) Brent Reservoir – A historical overview can be found within the following report (The Welsh Harp Reservoir by Alan H Faulkner). You will note references to flooding of the River Brent downstream of the reservoir and we are aware of numerous such incidents at various points between the reservoir and the Thames. With regard to protection of the reservoir dam we have recently completed protection works to ensure that safety of the dam in the event of Probable Maximum Flood (approx. 1 in 10,000 years) and completed some local modelling in order to determine the appropriate design water level at the reservoir. We understand that in this event there would be significant flooding immediately downstream of the dam.
- c) Brent Feeder – The Brent Feeder has been subject to a number of minor flooding incidents at various points along its length, generally as a result of vandalism blocking the flow. The feeder is not currently used to transfer water but we are currently commencing a project to reinstate this transfer and bring the feeder back into operational use. The feeder is controlled via an outlet valve at the reservoir and we are aware that there are a number of unauthorised discharges (surface water) and possible missed sewer connections along its length.