



Flood Investigation Report

2.2.2

Location: **Ovingham**

Incident Date: **12th August 2019**

Source(s) of flooding:

Ordinary
Watercourse



Main
River



Surface
Water



Groundwater



Sewer



Sea



Tidal
Lock



Impacts

(number)

Residential

2

Business

Other Buildings

Roads

2

Critical Infrastructure



Description

Persistent heavy rainfall over the weekend of 9-12th August 2019 caused flooding to 3 areas of Ovingham on the early hours of Monday 12th August.

Ovingham playing field – water assumed to be coming from a spring behind the pavilion on the playing field. Water flowed to the east along the footway and into Windsor Crescent drained into the gullies. There were no reports of property flooding here.

Horsley Road – high water levels in the burn early Monday morning caused the watercourse to overtop its banks. The water flowing between two chalets towards the footpath alongside Horsley Road. Residents began to clear debris from culvert inlet in order to divert flows. No internal property flooded.

Whittle Burn – high flows and debris caught on the Whittle Burn Bridge (West Road) caused the burn to back up and breach its banks causing flooding to the highway and driveways. 2 properties suffered internal flooding, one of which had property level protection (PLP) in

place though the water overtopped these defences. PLP was used for another property and minor internal seepage occurred.

RMA Actions:

NCC	<i>Exercised:</i>	Ovingham surface water flood alleviation scheme in partnership with NWL, stage 1 was completed in early 2019. This prevented any flooding to Piper Road.
	<i>Proposed:</i>	Carried out Flood Investigation Report Stage 2 is still in the design phase; this will seek to resolve issues regarding Horsley Road and Dene Garth.

EA	<i>Exercised:</i>	
	<i>Proposed:</i>	

NWL	<i>Exercised:</i>	It was widely believed by the residents of Ovingham that there was a sluice gate on the Whittle Dene Reservoir, which NWL operated during storm events that sent a surge of water down the Whittle Burn that caused most of the flooding. NWL gave a tour of the Whittle Burn water treatment works. NCC and representatives of the Parish Council attended. NWL explained that this was not the case, but instead there is a point at which the reservoir will over top and will start to contribute flow to the Whittle Burn. This explains the sudden rise in levels during storm events.
	<i>Proposed:</i>	

Other	<i>Exercised:</i>	
	<i>Proposed:</i>	

Additional supporting information



High river levels in the Whittle Burn, debris caught on road bridge, 13th August 2019

Sign Off

Drafted by: Rebecca Croft

Date



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Approved by: James Hitching	
RMA Notification: EA <input checked="" type="checkbox"/> NWL <input checked="" type="checkbox"/> Other <input type="checkbox"/> (please specify)	