

Appendix 9B

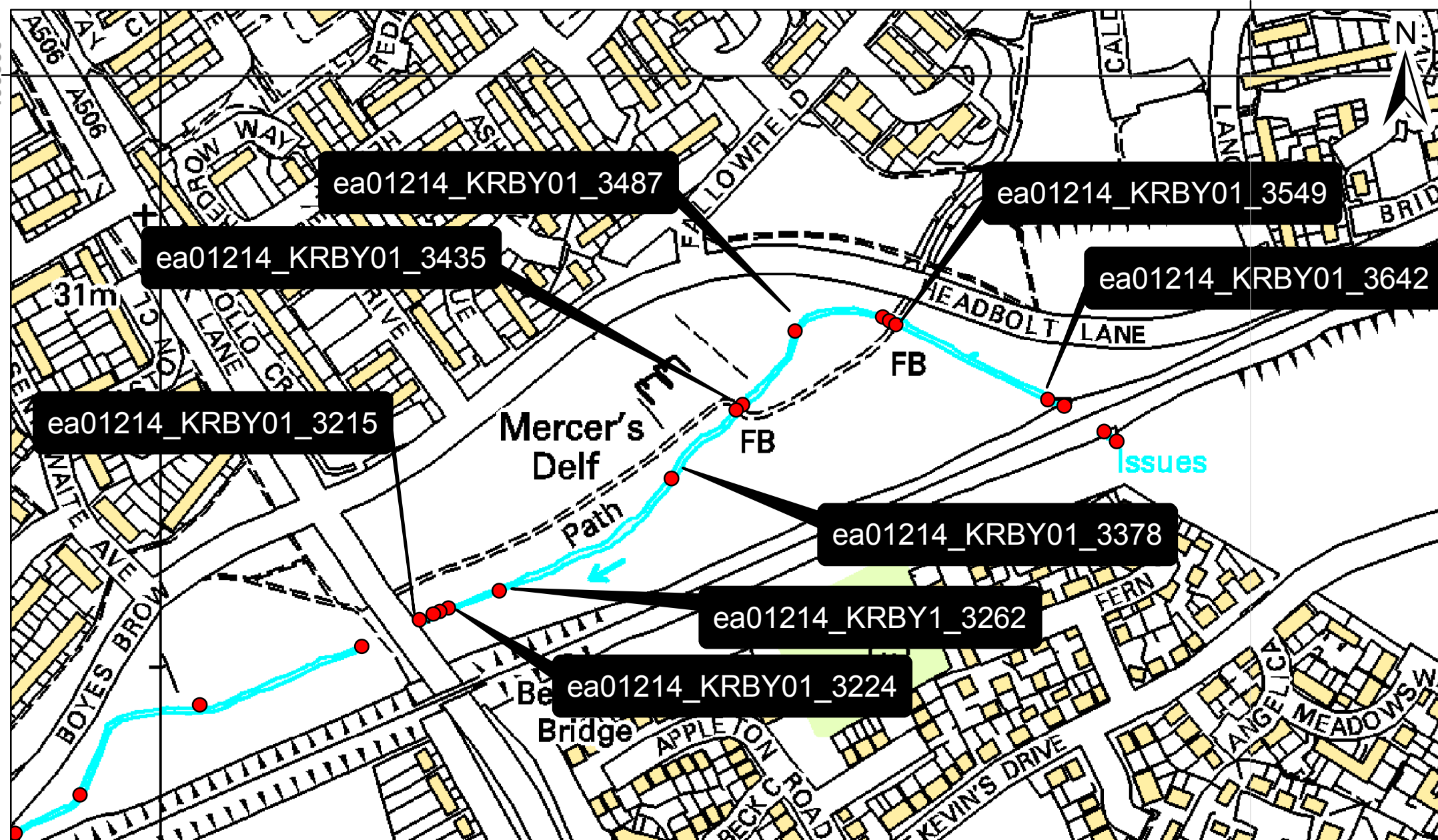
Node points along Kirkby Brook

Fluvial flood levels Map: new station and car park Facility at Headbolt Lane, Kirkby

Produced: 18 September 2020

Our Ref: CL183228

NGR: 341289,399800



Node Point	Flood Flow (m ³ s ⁻¹) and Level (mAOD) data for a range of annual probability of flooding													
	0.1%+Climate change (+30%)		0.1%		1%+Climate Change (+70%)		1%+Climate Change (+35%)		1%+Climate Change (+30%)		1.0%		4.0%	
	Undefended		Undefended		Undefended		Undefended		Undefended		Undefended		Undefended	
Map ID	Level	Flow	Level	Flow	Level	Flow	Level	Flow	Level	Flow	Level	Flow	Level	Flow
ea01214_KRBY01_3215	22.09	8.89	21.71	6.99	21.69	6.86	21.52	5.82	21.50	5.67	21.23	4.23	21.01	3.08
ea01214_KRBY01_3224	22.2	8.86	21.87	6.96	21.85	6.84	21.75	5.80	21.74	5.65	21.58	4.21	21.44	3.07
ea01214_KRBY01_3262	22.3	8.7	22.11	6.84	22.10	6.72	22.02	5.71	22.01	5.57	21.90	4.14	21.80	3.02
ea01214_KRBY01_3378	23.55	5.03	23.49	3.90	23.48	3.88	23.43	3.61	23.42	3.59	23.34	3.32	23.27	2.82
ea01214_KRBY01_3435	23.88	7.81	23.82	6.15	23.82	6.08	23.82	5.10	23.82	5.00	23.82	3.79	23.77	2.78
ea01214_KRBY01_3487	24.84	5.24	24.63	5.22	24.62	5.24	24.45	4.95	24.43	4.85	24.28	3.70	24.15	2.71
ea01214_KRBY01_3549	25.61	3.04	25.53	3.03	25.52	3.04	25.47	3.03	25.45	3.03	25.30	3.04	25.03	2.63
ea01214_KRBY01_3642	25.91	6.6	25.83	5.40	25.83	5.39	25.77	4.53	25.76	4.37	25.68	3.36	25.58	2.49

Level data in mAOD (metres above ordnance datum). Flow data in m³ per second

Data taken from 2017 Upper Alt Tributaries study

Flood Zone 3 shows the area that could be affected by flooding:

- from the sea with a 0.5% or greater chance of happening each year
- or from a river with a 1.0% or greater chance of happening each year.

Flood Zone 2 shows the extent of an extreme flood from rivers or the sea with up to 0.1% chance of occurring each year.

ABDs (Areas Benefiting from Defences) show the area benefiting from defences during a 0.5% tidal, or 1.0% fluvial flood event.

