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File: Volume 3 – Appendix 9.1 Surface Water Feature Register.xlsx

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Job Title: **DWNO**
Job Number: **60602788**
Prepared for: **SPEN**

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File: Volume 3 – Appendix 9.1 Surface Water Feature Register.xlsx

Surface Water Feature Register

Meta Data

Information Sources

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ID	Name	WFD ID	Status (2024)	Length (km)	Heavily Modified	Station ID (grid Reference)	Q95 (m3/s)	Baseflow Index	Catchment	Approx. width (m)	Excavation Buffer Zone	Buffer Zone Required	Nearest Pylon Number	Distance to nearest pylon (m)	Crossing ID	Proximity to access routes / substations	Scoped In / Out	Importance
AW	Auchter Water	10075	Poor	12.5	n/a	n/a	0.01056	-	Catchment 15	4	50	15	XR031	18	Cr24	Crossed by access route.	Scoped In	High
BW	Bonny Water / Red Burn	4205	Moderate Ecological Potential	13.9	The water body has been designated as a heavily modified water body on account of physical alterations that cannot be addressed without a significant impact on the drainage of agricultural land.	17003 - Bonny Water at Bonnybridge (NS824803)	0.29800	0.48	Catchment 5	10	50	15	WB059	80	n/a	150 m to Bonnybridge Substation.	Scoped In	High
Catchment 13	South Calder Water (Auchter Water to Tillan Burn)	10073	Poor	8.1	n/a	84007 - South Calder Water at Forgewood (NS751585)	0.68600	0.59	Catchment 13	8	50	15	XR023	125	n/a	45 m to access route.	Scoped In	High
FCC	Forth and Clyde Canal (Wyndford to Rough Castle)	3	Good Ecological Potential	9.5	The water body has been designated as an artificial water body on account of physical alterations that cannot be addressed without a significant impact on navigation.	n/a	0.01022	-	n/a	16	50	30	AA001	75	n/a	4 m to access route.	Scoped In	High
GB-WB	Grange Burn/Westquarter Burn	3300	Moderate Ecological Potential	16.3	The water body has been designated as a heavily modified water body on account of physical alterations that cannot be addressed without a significant impact from an increased risk of subsidence or flooding.	n/a	0.01004	-	Catchment 2	1	50	10	AA010	790	n/a	550 m to access route.	Scoped Out	High
GB	Garrion Burn	10736	Poor	11.2	n/a	n/a	0.01038	-	Catchment 16	10	50	15	XR045	860	n/a	600 m to access route.	Scoped Out	High
GlenB	Glencryan Burn	4206	Moderate	3.2	n/a	n/a	0.01016	-	Catchment 6	1	50	10	WB021B	169	Cr15	Crossed by access route.	Scoped In	High
LW	Luggie Water (u/s Mollins Burn)	10751	Poor	11.1	n/a	n/a	0.01074	-	Catchment 18	4	50	15	WB016	75	n/a	150 m to access route.	Scoped In	High
NCW1	North Calder Water (d/s Hillend Reservoir to Shotts Burn)	10062	Poor	9.7	n/a	84024 - North Calder Water at Hillend (NS828678)	0.36200	0.64	Catchment 8	10	50	15	XX033A	50	Cr19	Crossed by access route.	Scoped In	High
NCW2	North Calder Water (Shotts Burn to Luggie Burn)	10061	Poor	13.4	The water body has been designated as a heavily modified water body on account of physical alterations that cannot be addressed without a significant impact on navigation.	84027 - North Calder Water at Calderbank (NS765626)	0.02300	0.34	Catchment 9	12	50	15	XX044	1200	n/a	1000 m to red line boundary.	Scoped In	High
PB	Pow Burn / Tor Burn from source to confluence with Sauchinford Burn	3206	Moderate Ecological Potential	7.6	The water body has been designated as a heavily modified water body on account of physical alterations that cannot be addressed without a significant impact on the drainage of agricultural land.	n/a	0.01029	-	Catchment 1	3	50	15	ZG001A	938	n/a	830 m to Denny Substation.	Scoped In	High
RC1	River Carron (Avon Burn to Bonny Water Confluence)	4201	Poor	4.4	n/a	17001 - Carron at Headswood (NS831818)	0.61300	0.34	Catchment 3	28	50	30	ZG011	15	n/a	30 m to access route.	Scoped In	High
RC2	River Carron (Bonny Water confluence to Carron Estuary)	4200	Poor	6.8	n/a	n/a	0.01093	-	Catchment 4	22	50	30	ZG011	630	n/a	530 m to access route.	Scoped In	High
Rclyde	River Clyde (Mouse Water to Strathclyde Loch outflow)	10919	Good	23.9	n/a	n/a	9.57200	-	Catchment 17	40	50	30	XR050	1750	n/a	1.7 km from Wishaw Substation.	Scoped In	High
SB	South Burn	10743	Poor Ecological Potential	5.3	The water body has been designated as a heavily modified water body on account of physical alterations that cannot be addressed without a significant impact from an increased risk of subsidence or flooding.	n/a	0.00989	-	Catchment 7	1	50	10	XX029	50	n/a	40 m to access route.	Scoped In	High
SCW	South Calder Water (u/s Auchter Water)	10074	Poor	10.2	n/a	84007 - South Calder Water at Forgewood (NS751585)	0.68600	0.59	Catchment 14	8	50	15	XR023	130	n/a	40 m to access route.	Scoped In	High
ShirrelB	Shirrel Burn/Thankerton Burn/Legbranock Burn	10067	Poor Ecological Potential	9.0	n/a	n/a	0.01025	-	Catchment 11	1	50	10	XR004	190	Cr21	Crossed by access route.	Scoped In	High
ShottsB	Shotts Burn	10070	Poor	10.0	n/a	n/a	0.01021	-	Catchment 10	7	50	15	XX042	210	n/a	25 m to access route.	Scoped In	High
Till	Tillan Burn	10750	Poor	9.2	n/a	n/a	0.01014	-	Catchment 12	4	50	15	XR008	40	Cr22	Crossed by access route.	Scoped In	High
UC	Union canal (Falkirk Wheel to Greenbank)	4	Good Ecological Potential	2.3	The water body has been designated as an artificial water body on account of physical alterations that cannot be addressed without a significant impact on navigation.	n/a	0.01017	-	n/a	10	50	15	WB051	330	Cr4	Access route passes beneath aquaduct.	Scoped Out	Very High

ID	Associated WFD Body	Relevant section of Development	Water Feature Name	NGR	Description	Hydromorphology	Width (m)	Nearest Pylon Number	Distance to nearest pylon (m)	Crossing ID	Crossed By Access Track and visible on 1:50k OS Map	Proximity to other Proposed Development aspects	Scoped In / Out	Importance Value (water quality)	Importance Value (Hydromorphology)	Q95 estimation	Approx catchment area (km2)	Scoping Decision Reasoning	SEPA Data Indications
AW-1	Auchter Water	XR	-	NS 82081 54807	Short watercourse connecting two small water bodies at NS 82012 54787 and NS 82130 54731.	-	2.5	XR039	120	n/a	No	80m to access route to XR.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.	
AW-2	Auchter Water	XR	-	NS 82797 54578	Two small water bodies at NS 83014 54516 and NS 82903 54462, with the latter receiving a watercourse sourcing at NS 82880 54709.	-	Water bodies: 41.5 and 23.0 respectively. Watercourse: 0.5	XR037	145	n/a	No	40m to access route to XR.	Scoped In	Medium	n/a	0.01771	8.2	Proximity of NS 83014 54516 water body to access track.	
AW-3	Auchter Water	XR	-	NS 82826 54863	A large water body at NS 82809 54891 with a series of smaller pools along western shoreline.	-	236.0	XR037	270	n/a	No	270m to access route to XR.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.	
AW-4	Auchter Water	XR	-	NS 83738 54760	Sourced at NS 83973 54675 and flows north into Auchter Water at NS 83702 54841. Passes beneath an existing industrial access track at NS 83725 54804.	-	0.8	XR034	140	n/a	No	140m from XR.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.	
AW-5	Auchter Water	XR	-	NS 83147 55018	Sourced at NS 83146 55080 and flows south into Auchter Water at NS 83128 54954.	-	1.0	XR035	300	n/a	No	220m to access route to XR.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.	
AW-6	Auchter Water	XR	-	NS 84750 55697	Sourced at NS 83128 54954 and flows north into Auchter Water at NS 84708 55776.	-	0.7	XR031	300	n/a	No	185m to access route to XR.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.	
AW-7	Auchter Water	XR	-	NS 84689 55973	Sourced at NS 84674 56062 and flows south into Auchter Water at NS 84506 55828.	-	0.7	XR030	60	n/a	No	20m to access route to XR.	Scoped In	Medium	n/a	0.01492	0.054	Proximity to access track.	
AW-8	Auchter Water	XR	-	NS 84779 56585	Sourced at NS 84790 56657, with tributaries sourced at NS 84995 56700 and NS 84323 56558, flowing west into AW-9 at NS 84323 56558.	Straightened agricultural ditch.	1.5	XR028	50	n/a	No	Crossed by overhead lines (XR route); 45m to access route to XR.	Scoped In	Medium	Low	0.01560	0.2	Proximity to pylon and access track.	
AW-9	Auchter Water	XR	-	NS 84550 56750	Sourced at NS 84961 56898, flowing west into Auchter Water at NS 83345 56635. Passes under existing access tracks at NS 83909 56633 and NS 83779 56579 and under the A71 at NS 83556 56568.	Straightened agricultural ditch.	2.6	XR027	50	Cr23	Yes	Crossed by overhead lines (XR route)	Scoped In	Medium	Low	0.00886	0.147	Crossed by access track and proximity to pylon.	
AW-10	Auchter Water	XR	-	NS 83533 55093	Three small water bodies at NS 83535 55096, NS 83484 55025 and NS 83451 55011. No outflows or surface water connections.	-	55.0, 36.0 and 15.0 respectively.	XR034	150	n/a	No	5m to access route to XR.	Scoped In	Medium	n/a	0.01478	0.041	Proximity to access track.	
AW-11	Auchter Water	XR	-	NS 84520 56157	Short watercourse between NS 84482 56136 and NS 84570 56165.	-	1.5	XR029	60	n/a	No	Crossed by overhead lines (XR route)	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.	
BW-1	Bonny Water/Red Burn	CB, AA, WB	Rowen Tree Burn	NS 83993 80579	Sourced from NS 83847 78530 and flows north. It crosses the Forth and Clyde Canal at NS 84235 80376 before flowing in the River Carron at NS 83664 80988	Riffle-dominated stream. Gravel, cobbles and sediment. Meandering with some modification/straightening in the upper sections.	2.0	AA003	13	Cr9	Yes	Crossed by AA in four locations; crossed by WB once. Proximity to pylons for both routes and receptor for SUDs at Bonnybridge Substation.	Scoped In	Medium	Medium	0.00702	0.147	Proximity to access track and pylon.	
BW-2	Bonny Water/Red Burn	WB	-	NS 84400 80530	Sourced at NS 84305 80891 and flows south into the Forth and Clyde Canal at NS 84400 80392.	Straightened agricultural ditch.	1.1	WB055	40	n/a	No	20m from Access Route to WB route.	Scoped In	Medium	Low	0.00651	0.016	Crossed by access track and proximity to pylon.	
BW-3	Bonny Water/Red Burn	WB, ZG, Bonnybridge Substation	-	NS 83854 81022	Sourced at NS 83739 80959 and flows north into Bonny Water at NS 83928 81112.	Straightened agricultural ditch.	1.9	WB059	27	n/a	No	50m from Access Route to WB route, 27m from WB pylon and receptor for SUDs at Bonnybridge Substation.	Scoped In	Medium	Low	0.00659	0.023	Proximity to pylon.	
BW-4	Bonny Water/Red Burn	CB, AA	-	NS 83809 80025	Sourced at NS 83712 79852, with two tributaries both entering at NS 83811 80011, then flowing north and under a field before entering Forth and Clyde Canal at approx. NS 83970 80377.	-	1.1	AA002	253	n/a	No	Crossed by access to AA route.	Scoped In	Medium	n/a	0.00705	0.167	Crossed by access track.	
BW-5	Bonny Water/Red Burn	AA	-	NS 84201 79790	Sourced at NS 84174 79742 and flows north into Rowan Tree Burn (BW-1) at NS 84238 79639.	-	0.9	AA003	115	n/a	No	10m from AA route.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.	
BW-6	Bonny Water/Red Burn	WB, CB, AA	-	NS 84540 78673	Connected channelised irrigation water courses sourcing at NS 84181 78105 and NS 85918 78823 and flowing north into Rowan Tree Burn (BW-1) at NS 84415 78882.	Straightened agricultural ditch.	0.9	WB047	11	Cr5 (existing) and Cr6	Yes	Crossed by access to WB route; 11m from WB pylon 25 m from WB undergrounding; 13m from AA009CSE; 15m from CB028.	Scoped In	Medium	Low	0.00713	0.236	Crossed by existing access track and proximity to undergrounding cable.	
BW-7	Bonny Water/Red Burn	WB, CB	-	NS 84097 78457	Sourced at NS 84086 77995 and flows north into Rowan Tree Burn (BW-1) at NS 84042 78729.	Small, relatively unmodified watercourse.	1.3	AA010	245	n/a	No	20m from Access Route to AA route.	Scoped In	Medium	Low	0.00701	0.14	Proximity to access track at source.	
BW-8	Bonny Water/Red Burn	CB, WB	-	NS 83672 78008	Sourced at NS 83699 77765 and flows north into Rowan Tree Burn (BW-1) at NS 83657 78193.	Small, relatively unmodified watercourse.	1.0	WB044	441	n/a	No	30m from Access Route to AA route.	Scoped In	Medium	Low	0.00681	0.06	Proximity to access track at source.	
BW-9	Bonny Water/Red Burn	WB	-	NS 83183 78135	Connected irrigation water courses sourcing at NS 82961 78576 and flowing south.	Straightened agricultural ditch.	1.3	WB042	40	Cr7	Yes	Crossed by access to WB route including undergrounding.	Scoped In	Medium	Low	0.00735	0.575	Proximity to access track and substation and crossed by undergrounding cable.	
BW-10	Bonny Water/Red Burn	WB, CB	-	NS 82641 77581	Water course running between NS 82570 76565 and NS 82562 77997 with five tributaries. Passes beneath road at NS 82873 77302.	Straightened agricultural ditch.	0.7	WB040	1	Cr8	Yes	Crossed by access to WB route.	Scoped In	Medium	Low	0.00707	0.185	Crossed by access track and proximity to two pylons.	
BW-11	Bonny Water/Red Burn	WB, CB	Skipperton Burn	NS 81888 77300	The upper stretch of the Skipperton Burn and a series of tributaries flowing into it. The Skipperton Burn then flows north beneath a road at NS 80565 77925 and enters the Forth and Clyde Canal at NS 80898 79087.	Straightened agricultural ditch.	0.6	WB037	10	Cr10, Cr11, Cr12 and Cr13	Yes	Crossed by access to WB route.	Scoped In	Medium	Low	0.00744	0.81	Crossed by access track and proximity to pylon.	
BW-12	Bonny Water/Red Burn	CB, WB	Walton Burn	NS 80627 75859	Sourced at NS 82614 75954 and includes six tributaries along the upper stretch of Walton Burn.	Straightened agricultural ditch.	0.8	WB030	130	CR14	Yes	Crossed by access to WB route.	Scoped In	Medium	Low	0.00749	0.98	Crossed by access track and proximity to pylon.	
BW-13	Bonny Water/Red Burn	WB, CB	-	NS 80114 75247	Several connected channelised irrigation water courses sourcing at NS 79706 74219, NS 80715 74829, NS 80227 74796 and NS 80772 75216 and flowing into an unnamed burn at NS 79604 75409.	Straightened agricultural ditches.	0.4	WB028	30	n/a	No	Crossed by access to WB route.	Scoped In	Medium	Low	0.00751	1.05	Crossed by access track and proximity to pylon.	
BW-14	Bonny Water/Red Burn	WB (inc. line diversion), CB	-	NS 78787 74330	Several connected channelised irrigation water courses sourcing at NS 77988 74003, NS 78598 74090, NS 78915 73996, NS 79004 73989 and NS 78656 75423.	Straightened agricultural ditches.	0.5	WB023	5	n/a	No	Crossed by access to WB route and undergrounding cable.	Scoped In	Medium	Low	0.00753	1.16	Crossed by access track and undergrounding cable, and proximity to pylon.	
BW-15	Bonny Water/Red Burn	WB	-	NS 77709 74449	Channelised irrigation water courses sourcing at NS 77743 74392, NS 77818 74653 and NS 77655 74654.	-	0.6	WB21C	285	n/a	No	6m from line diversion works.	Scoped In	n/a	n/a	n/a	n/a	No direct contaminant contaminant pathways.	
BW-16	Bonny Water/Red Burn	Cumbernauld Substation, WB, CB	-	NS 77253 74282	Sourced at NS 77494 74165 and flows west before turning east.	-	0.5	WB021C	50	n/a	No	30m from access to WB.	Scoped In	Medium	n/a	0.00709	0.196	Proximity and downhill pathway to new access track.	
BW-17	Bonny Water/Red Burn	WB, CB	-	NS 77872 74097	Channelised irrigation water course flowing between NS 77995 74134 and NS 77670 74013.	Straightened agricultural ditches.	0.6	WB021A	12	n/a	No	Crossed by access to WB route.	Scoped In	Medium	Low	0.00665	0.03	Crossed by access track and proximity to pylon.	
BW-18	Bonny Water/Red Burn	CB, WB	-	NS 83785 77576	Sourced at NS 85781 78092 and flows west into the Rowan Tree Burn (BW-1) at NS 83343 77612. Passes beneath Lochgreen Road at NS 83377 77566.	-	0.9	WB044	250	n/a	No	300m from access to WB Route.	Scoped In	Medium	n/a	0.00745	0.84	Crossed by access track and proximity to pylon.	
BW-19	Bonny Water/Red Burn	WB	-	NS 83617 78317	Sourced at NS 83610 78371 and flows east into Rowan Tree Burn (BW-1) at NS 83822 78317.	-	0.6	WB044	210	n/a	No	253m from access route to WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.	
BW-20	Bonny Water/Red Burn	WB	-	NS 82782 78255	Small water body at NS 82782 78255.	-	72.5 (at widest point)	WB041	80	n/a	No	16m from Access Route to WB route.	Scoped In	Medium	n/a	0.00660	0.024	Proximity to access tracks and pylon.	
BW-21	Bonny Water/Red Burn	WB	-	NS 82449 78219	Sourced at NS 82442 78040 and flows north following Reilly Road to St Helen's Loch at NS 83210 79487.	-	0.5	WB040	158	n/a	No	50m from Access Route to WB route.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.	
BW-22	Bonny Water/Red Burn	WB	-	NS 82346 77566	Two small water bodies between NS 82326 77597 and NS 82451 77428, divided by a narrow land bridge at NS 82410 77481.	-	210.0 (width of both including land bridge at widest point)	WB038	45	n/a	No	5m from access route to WB.	Scoped In	Medium	n/a	0.00670	0.037	Proximity to access tracks and pylon.	
BW-23	Bonny Water/Red Burn	WB	-	NS 82590 77485	Three small water bodies at NS 82584 77502, NS 82590 77480 and NS 82589 77461.	-	11.0, 9.0 and 16.5 respectively	WB038	225	n/a	No	125m from access route WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.	
BW-24	Bonny Water/Red Burn	WB	-	NS 82531 77667	Four small water bodies at NS 82524 77688, NS 82541 77667, NS 82507 77658 and NS 82532 77646.	-	15.7, 26.4, 18.9 and 15.3 respectively	WB039	45	n/a	No	35m from access to WB; 8m from WB undergrounding.	Scoped In	Medium	n/a	0.00642	0.011	Proximity to access track, pylon and undergrounding cable.	
BW-25	Bonny Water/Red Burn	WB	-	NS 79370 75276	Series of connected channelised irrigation water courses sourced at NS 79515 75022 and NS 79372 75142 and flowing north into BW-13 at NS 79253 75429 and NS 79607 75409.	-	0.6	WB027	143	n/a	No	112m from access to WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.	
BW-26	Bonny Water/Red Burn	WB (line diversion)	-	NS 78289 75085	Unnamed drain between NS 78289 75085 and NS 78033 74953.	-	0.3	WB023	677	n/a	No	19m from WB undergrounding.	Scoped In	Medium	Low	0.00704	0.16	Proximity to undergrounding cable.	
BW-27	Bonny Water/Red Burn	WB (line diversion)	Glencryan Burn	NS 77635 73960	Sourced at NS 77962 73869 and flows north into Red Burn at NS 77074 74301.	-	2.0	WB021B	201	n/a	No	Crossed by undergrounding.	Scoped In	Medium	Medium	0.00721	0.322	Crossed by undergrounding cable.	
BW-28	Bonny Water/Red Burn	Cumbernauld Substation	-	NS 77580 74591	Unnamed drain between NS 77580 74591 and NS 77528 74542.	-	0.7	CB001	140	n/a	No	50m from access to WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.	
BW-29	Bonny Water/Red Burn	Cumbernauld Substation	-	NS 77146 74787	Unnamed drain between NS 77146 74787 and NS 77283 74639.	-	0.8	CB001	297	n/a	No	228m from Cumbernauld Substation.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.	
BW-30	Bonny Water/Red Burn	Cumbernauld Substation	-	NS 77207 73842	Unnamed drain between NS 77207 73842 and NS 77078 73983.	-	0.5	WB021C	477	n/a	No	300m from Cumbernauld Substation.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.	
BW-31	Bonny Water/Red Burn	Cumbernauld Substation	-	NS 77297 73506	Unnamed channel between NS 77297 73506 and NS 77196 73570.	-	0.4	WB021B	722	n/a	No	306m from access to WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.	
BW-32	Bonny Water/Red Burn	Cumbernauld Substation	-	NS 77071 73454	Unnamed channel between NS 77071 73454 and NS 76985 73809.	-	0.4	WB021B	635	n/a	No	440m from access to WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.	

BW-33	Bonny Water/Red Burn	Cumbernauld Substation	-	NS 77005 73834	Small water body at NS 77005 73834.	-	2.6 (at widest point)	WB021C	623	n/a	No	391m from Cumbernauld Substation.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
BW-34	Bonny Water/Red Burn	Cumbernauld Substation	-	NS 76981 73844	Unnamed channel between NS 76981 73844 and NS 76876 73878.	-	1.0	WB021C	649	n/a	No	400m from Cumbernauld Substation.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
BW-35	Bonny Water/Red Burn	Cumbernauld Substation	-	NS 77381 74455	Small tributary of Bonny Water / Red Burn, joining at NS 77323 74539 after sourcing at NS 77381 74455.	-	0.5	C8001	132	n/a	No	80m from Cumbernauld Substation.	Scoped In	Medium	n/a	0.00715	0.25	Proximity to substation and associated works.
BW-36	Bonny Water/Red Burn	Cumbernauld Substation	-	NS 77460 74723	Small tributary of Bonny Water / Red Burn, joining at NS 77406 74733 after sourcing at NS 77460 74723.	-	0.4	C8001	310	n/a	No	174m from access to WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
BW-37	Bonny Water/Red Burn	Cumbernauld Substation	-	NS 77295 75007	Small tributary of Bonny Water / Red Burn, joining at NS 77400 75063 after sourcing at NS 77295 75007.	-	0.4	C8001	605	n/a	No	468m from access to WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
BW-38	Bonny Water/Red Burn	Cumbernauld Substation	-	NS 77441 73787	Small tributary of Glencryan Burn, joining at NS 77393 73917 after sourcing at NS 77441 73787.	-	0.6	WB021B	323	n/a	No	266m from access to WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
Catchment 13-1	South Calder Water (Auchter Water to Tillyan Burn)	XR	-	NS 82603 59826	Sourced at NS 82733 59915, with two tributaries joining at NS 82511 59813 and NS 82431 59803 and flowing west into Catchment 13-2 at NS 82148 59655.	Small meandering watercourse. Vegetated banks. Flowing through agricultural land. Some evidence of straightening.	1.2	XR015	10	n/a	No	Crossed by access to XR.	Scoped In	Medium	Low	0.00893	0.188	Crossed by access track and proximity to pylon.
Catchment 13-2	South Calder Water (Auchter Water to Tillyan Burn)	XR	-	NS 82379 59992	Sourced at NS 82976 60431 and flows south beneath Muiredge and Jersey Road at NS 82942 60402 and into South Calder Water at NS 80839 57563.	-	1.2	XR015	144	n/a	No	Crossed by access to XR.	Scoped In	Medium	n/a	0.00907	0.3	Crossed by access track.
Catchment 13-3	South Calder Water (Auchter Water to Tillyan Burn)	XR	-	NS 80978 59918	Connected channelised irrigation water courses sourced at NS 81163 60283 and NS 81275 59832 and flowing south into unnamed burn at NS 80740 58833.	-	0.5	XR010	55	n/a	No	55m from access to XR.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
Catchment 13-4	South Calder Water (Auchter Water to Tillyan Burn)	XR	-	NS 81368 59672	Sourced at NS 81474 59719 and flows south to irrigation ponds at NS 81268 59501 and NS 81099 59072.	-	0.7	XR012	220	n/a	No	165m from XR route.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
Catchment 17-1	River Clyde (Mouse Water to Strathclyde Loch outflow)	XR, Wishaw Substation	-	NS 7883 353864	Sourced around NS 78812 53828 west of the B754, flows southwest approximately 1.8 km before flowing into the River Clyde at NS 77525 52793. It has one small tributary at NS 77722 52944, which looks to be a field drain from aerial imagery. The upper section of the watercourse flows down a steep valley, where the energy is likely to be relatively high. Further down, the watercourse flows through a flow plane. From arial imagery it looks as though the watercourse may have been straightened at this point.	-	1.4	XR050	400	n/a	No	170m from Wishaw Substation.	Scoped In	Medium	n/a	0.00975	2.478	Receptor for Catchment 17-2.
Catchment 17-2	River Clyde (Mouse Water to Strathclyde Loch outflow)	XR, Wishaw Substation	-	NS 79821 53421	The exact source of Gowkthrapple Burn is not clear, however, from arial imagery it may be sourced from a small lochan at NS 80815 54557. Before flowing south through towns such as Waterloo and Gowkthrapple and then eventually into the River Clyde NS 78735 52316. It appears that the natural flow path of Gowkthrapple Burn may have been altered over time. On OS Maps, the watercourse appears to be broken up by various infrastructure. Flows west and opens into Hall Gill (Catchment 17-1) at approx. NS 78461 53697.	Modified watercourse, some parts appear to be in natural flow formation, but culvert/piped in sections.	1.0	XR046	30	n/a	No	Crossed by access to XR.	Scoped In	Medium	Low	0.00853	0.05	Crossed by access track and proximity to pylon.
Catchment 17-3	River Clyde (Mouse Water to Strathclyde Loch outflow)	XR	-	NS 81502 54228	Small unnamed drain between NS 81470 54189 and NS 81560 54246.	-	0.8	XR041	135	n/a	No	75m south of XR route.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
Catchment 19-1	Garnkirk Burn	XX (inc. undergrounding)	-	NS 72078 67538	Small water body at NS7207867538.	-	230.0 (at widest point)	XX008	80	n/a	No	10m to access route to XX and undergrounding cable.	Scoped In	Medium	n/a	0.00878	0.114	Proximity to access track and undergrounding cable.
Catchment 19-2	Garnkirk Burn	XX (inc. undergrounding)	-	NS 71226 67455	Small modified or artificial water body at NS7122667455.	Substantially modified, likely artificial cross-section, channelised or realigned.	71.0 (at widest point)	XX004	50	n/a	No	15m to access route to XX; 6m to undergrounding cable.	Scoped In	Medium	Low	0.00808	0.01	Proximity to access track, undergrounding cable and pylon.
Catchment 19-3	Garnkirk Burn	XX (inc. undergrounding)	-	NS 72125 67662	Small water body at NS7212567662.	-	74.0 (at widest point)	XX008	75	n/a	No	Crossed by XX; 31m from undergrounding cable.	Scoped In	Medium	n/a	0.00874	0.1	Proximity to undergrounding cable.
Catchment 19-4	Garnkirk Burn	XX	-	NS 72088 67879	Sourced at NS 71806 68022 and flows east and south into Catchment 19-3 at NS 72129 67696.	-	0.7	XX008	110	n/a	No	110m to access route to XX.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
Catchment 19-5	Garnkirk Burn	XX	-	NS 71952 67863	Small water body at NS7195267863.	-	114.5 (at widest point)	XX007	170	n/a	No	110m from XX.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
Catchment 19-6	Garnkirk Burn	XX	-	NS 71305 67810	Small nnamed drain between NS 71305 67805 and NS 71748 67985.	-	1.0	XX006	120	n/a	No	75m from XX.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
Catchment 19-7	Garnkirk Burn	XX, Easterhouse Substation	-	NS 70537 66829	Water body at NS7053766829.	-	670.0 (at widest point)	XX001A	50	n/a	No	Adjacent to Easterhouse Substation.	Scoped In	Medium	n/a	0.00915	0.386	Proximity to pylon, access track and substation.
Catchment 19-8	Garnkirk Burn	XX	-	NS 70946 67277	Small water body at NS7094667277.	Substantially modified, likely artificial cross-section, channelised or realigned.	90.0 (at widest point)	XX003	45	n/a	No	35m to access route to XX.	Scoped In	Medium	Low	0.00827	0.02	Proximity to pylon and access track.
Catchment 19-9	Garnkirk Burn	XX	-	NS 70756 67465	Connected channelised irrigation water courses sourced at NS 71514 67268 and flowing west into Bishop Loch at approx. NS 69120 66828.	Substantially modified, likely artificial cross-section, channelised or realigned.	0.9	XX003	40	n/a	No	20m to access route to XX.	Scoped In	Medium	Low	0.00899	0.23	Proximity to pylon and access track.
Catchment 19-10	Garnkirk Burn	XX	-	NS 71126 67583	Small unnamed drain between NS 70944 67525 and NS 71251 67787.	-	0.4	XX004	95	n/a	No	95m to access route to XX.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
Catchment 9-1	North Calder Water (Shotts Burn to Luggie Burn)	XX	-	NS 78165 61558	Two small unnamed drains at NS 78531 61611 and NS 78253 61583, and two small drainage ponds at NS 78123 61581 and NS 78165 61558.	-	0.8, 0.6, 68.1 and 44.7 respectively.	XX047	60	n/a	No	Crossed by XR.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
Catchment 9-2	North Calder Water (Shotts Burn to Luggie Burn)	XX	-	NS 78451 61875	Unnamed drain sourcing at NS 78626 61965 and flowing west into Catchment 9-3 at NS 77851 61860.	-	0.5	XX045	150	n/a	No	Crossed by access to XR.	Scoped In	Medium	n/a	0.00849	0.043	Crossed by access track and proximity to pylon.
Catchment 9-3	North Calder Water (Shotts Burn to Luggie Burn)	XX	-	NS 78435 61715	Sourced at NS 78622 61783 and flows west and north beneath B799 at NS 77651 62167 and into Kennel Burn at NS 77658 62245.	Artificial drainage channel.	0.5	XX046	10	n/a	No	Crossed by XR.	Scoped In	Medium	Low	0.00846	0.039	Proximity to pylon.
LW-1	Luggie Water (u/s Molins Burn)	WB	-	NS 75807 69280	Upper stretch of Shank Burn, sourcing at NS 77017 69321 and flowing west beneath Brackenhurst Road at NS 75756 69367.	Riffle-dominated stream. Gravel, cobbles and sediment. Meandering with some modification/straightening in the upper sections.	2.7	WB002	40	n/a	No	Crossed by WB; 40m from access to WB.	Scoped In	Medium	Medium	0.00923	0.5	Proximity to pylon.
LW-2	Luggie Water (u/s Molins Burn)	WB	-	NS 76144 68935	Sourced at NS 76510 68391 and flows north into Shank Burn (LW-1) at NS 76177 69160.	-	1.6	WB001	175	n/a	No	70m from access to WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
LW-3	Luggie Water (u/s Molins Burn)	WB	-	NS 76312 69280	Sourced at NS 76494 69352 and flows south into Shank Burn (LW-1) at NS 76177 69160.	-	0.7	WB002	280	n/a	No	150m from WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
LW-4	Luggie Water (u/s Molins Burn)	WB	-	NS 75716 69743	Sourced at NS 76314 70049, with four tributaries inflowing at NS 75923 69819, NS 75804 69773, NS 75708 69748 and NS 75459 69710, and flowing into Shank Burn (LW-1) at NS 75373 69641.	Small, relatively unmodified watercourse.	0.7	WB004	45	Cr18	Yes	Crossed by access to WB.	Scoped In	Medium	Low	0.00729	0.45	Crossed by access tracks at three locations and proximity to two pylons.
LW-5	Luggie Water (u/s Molins Burn)	WB	-	NS 75568 70020	Connected channelised irrigation water courses sourcing at NS 75878 69982, NS 75837 70113 and NS 76037 70360 and flowing west and north into Shank Burn (LW-1, at NS 75130 70800.	-	1.2	WB004	170	n/a	No	120m from WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
LW-6	Luggie Water (u/s Molins Burn)	WB	-	NS 76168 70183	Connected channelised irrigation water courses sourcing at NS 75758 70205 and flowing east into Cameron Burn at NS 76644 70700.	Straightened agricultural ditch.	0.7	WB005	30	n/a	No	Crossed by access to WB.	Scoped In	Medium	n/a	0.00899	0.225	Crossed by access track at five locations and proximity to two pylons.
LW-7	Luggie Water (u/s Molins Burn)	WB	-	NS 76634 70600	Sourcing at NS 78926 70515 and flowing west and north beneath B803 at NS 78100 70304, beneath Hulks Road at NS 76955 71537 and beneath Glenhove Road at NS 77318 72368, then into Luggie Water at NS 77389 72485.	Riffle-dominated stream. Gravel, cobbles and sediment. Meandering with some modification/straightening in the upper sections.	1.7	WB007	75	Cr17 (existing)	Yes	Crossed by access to WB.	Scoped In	Medium	Medium	0.00795	5.69	Crossed by access track.
LW-8	Luggie Water (u/s Molins Burn)	WB	-	NS 77151 70954	Unnamed channelised irrigation water course between NS 77032 70907 and NS 77201 70969.	-	0.5	WB009	187	n/a	No	19m from access to WB.	Scoped In	Medium	n/a	0.00815	0.013	Proximity to access track.
LW-9	Luggie Water (u/s Molins Burn)	WB	-	NS 77342 71138	Unnamed channelised irrigation water course between NS 77422 71106 and NS 77263 71161.	-	0.5	WB010	85	n/a	No	60m from access to WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
LW-10	Luggie Water (u/s Molins Burn)	WB	-	NS 77587 71057	Unnamed channelised irrigation water course between NS 77564 70873 and NS 77607 71213.	Straightened agricultural ditch.	0.9	WB010	20	n/a	No	Crossed by access to WB.	Scoped In	Medium	Low	0.00850	0.045	Crossed by access track.
LW-11	Luggie Water (u/s Molins Burn)	WB	-	NS 77591 70838	Small water body at NS7759170838.	-	49.1 (at widest point)	WB010	220	n/a	No	143m from access to WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
LW-12	Luggie Water (u/s Molins Burn)	WB	-	NS 77997 71146	Sourced at NS 78315 71195 and flows west then east beneath Hulks Road at NS 78719 72086 and then into Luggie Water (LW-21) at NS 78579 72378.	-	0.5	WB011	155	n/a	No	144m to WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
LW-13	Luggie Water (u/s Molins Burn)	WB	-	NS 78401 72003	Sourced at NS 77802 71460 and flows north beneath Hlks Road at NS 78457 72115 and then into Luggie Water at NS 78443 72439.	Low gradient, passively meandering stream. Vegetated banks.	1.3	WB014	10	Cr16	Yes	Crossed by access to WB.	Scoped In	Medium	Low	0.00806	8.35	Crossed by access track and proximity to pylon.
LW-14	Luggie Water (u/s Molins Burn)	WB	-	NS 77922 71381	Sourced at NS 77823 71307 and flows into LW-13 at NS 77959 71463.	-	1.2	WB012	70	n/a	No	15m from access to WB.	Scoped In	Medium	n/a	0.00856	0.054	Proximity of access track to source.

LW-15	Luggie Water (u/s Molins Burn)	WB	-	NS 78192 71604	Sourced at NS 78204 71570 and flows northwest into LW-13 at NS 78159 71636.	Straightened agricultural ditch.	1.0	WB013	20	n/a	No	Crossed by WB.	Scoped In	Medium	Low	0.00808	0.01	Proximity of access track to source and pylon.
LW-16	Luggie Water (u/s Molins Burn)	WB	-	NS 78338 71716	Sourced at NS 78413 71636 and flows northwest into LW-13 at NS 78238 71800.	Straightened agricultural ditch.	0.5	WB014	24	n/a	No	Crossed by access to WB.	Scoped In	Medium	Low	0.00846	0.038	Crossed by access track and proximity to pylon.
LW-17	Luggie Water (u/s Molins Burn)	WB	-	NS 77289 71241	Sourced at NS 77262 71304 with two tributaries inflowing both at NS 77288 71191 and into Cameron Burn (LW-7) at NS 77108 71116.	-	1.0	WB010	190	n/a	No	140m from WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
LW-18	Luggie Water (u/s Molins Burn)	WB	-	NS 77523 71344	Connected channelised irrigation water courses sourcing at NS 77467 71410 and NS 77399 71235 and flowing south and west into Cameron Burn (LW-7) at NS 77108 71054.	-	1.2	WB010	146	n/a	No	Crossed by access to WB.	Scoped In	Medium	n/a	0.00879	0.12	Crossed by access track.
LW-19	Luggie Water (u/s Molins Burn)	WB	-	NS 78202 71093	Sourced at NS 78097 70996 and flowing northeast into LW-12 at NS 78328 71177.	-	1.2	WB011	415	n/a	No	250m from WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
LW-20	Luggie Water (u/s Molins Burn)	WB	-	NS 79060 71294	Small water body at NS7906071294.	-	58.0 (at widest point)	WB013	900	n/a	No	900m from WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
LW-21	Luggie Water (u/s Molins Burn)	WB	-	NS 78792 72427	Sourced at NS 79582 71874 and flows west beneath Palacerigg Road at NS 78587 72377 and flows into Luggie Water at NS 78577 72378.	-	1.6	WB016	337	n/a	No	337m from WB.	Scoped Out	Medium	n/a	0.00859	0.06	No direct contaminant pathways.
LW-22	Luggie Water (u/s Molins Burn)	WB	-	NS 78749 72663	Sourced at NS 78647 72749 and flows south into LW-21 at NS 78991 72444.	-	1.2	WB017	590	n/a	No	580m from WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
LW-23	Luggie Water (u/s Molins Burn)	WB	-	NS 78662 73242	Small water body at NS7866273242.	-	55.0 (at widest point)	WB019	560	n/a	No	550m from WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
LW-24	Luggie Water (u/s Molins Burn)	WB	-	NS 77687 73336	Two small water bodies at NS 77668 73350 and NS 77695 73328.	-	15.2 and 9.7 at widest points respectively	WB019	380	n/a	No	50m from access to WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
LW-25	Luggie Water (u/s Molins Burn)	WB	-	NS 77847 72622	Sourced at NS 77957 72722 and flows south into Luggie Water (LW-21) at NS 77825 72579.	-	2.7	WB017	130	n/a	No	60m from WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
NCW1-1	North Calder Water (d/s Hillend Reservoir to Shotts Burn)	XX	-	NS 7948 764586	Unnamed drain between NS 79365 64573 and NS 79610 64582.	-	0.8	XX037	170	n/a	No	170m from access to XX.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
NCW1-2	North Calder Water (d/s Hillend Reservoir to Shotts Burn)	XX	-	NS 78449 66393	Unamed drain between NS 78458 66347 and NS 78457 66429.	-	1.4	XX031	164	n/a	No	60m from access to XX.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
NCW1-3	North Calder Water (d/s Hillend Reservoir to Shotts Burn)	XX	-	NS 79475 65265	Flowing southwest from small water body at NS 79634 65373 and into North Calder Water in NS 79088 65062.	Low gradient, passively meandering stream. Vegetated banks.	0.8	XX035A	50	n/a	No	Crossed by XX.	Scoped In	Medium	Medium	0.00726	0.39	Proximity to pylon.
NCW1-4	North Calder Water (d/s Hillend Reservoir to Shotts Burn)	XX	-	NS 78989 65448	Sourced at NS 79051 65490 and flowing southwest into North Calder Water at NS 78916 65402.	Straightened agricultural ditch.	0.7	XX034A	15	n/a	No	Crossed by XX.	Scoped In	Medium	Low	0.00665	0.03	Proximity to pylon.
NCW1-5	North Calder Water (d/s Hillend Reservoir to Shotts Burn)	XX	-	NS 78695 66001	Sourced at NS 78450 66110 with tributary entering at NS 78859 66026 and flowing southeast into North Calder Water at NS 79100 65933.	Straightened agricultural ditch.	0.6	XX032	45	n/a	No	Crossed by XX.	Scoped In	Medium	Low	0.00689	0.085	Proximity to pylon and access track.
PB-1	Pow Burn / Tor Burn from source to confluence with Sauchinford Burn	ZG, ZD, Denny Substation	-	NS 82547 85233	Sourced at NS 82465 85089 and flowing north into Tor Burn at NS 82785 85444.	-	1.0	ZG001A	260	n/a	No	170m from Denny North Substation.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
PB-2	Pow Burn / Tor Burn from source to confluence with Sauchinford Burn	ZG, Denny Substation	-	NS 8294 085102	Sourced at NS 83016 84828 and flowing north into Tor Burn at NS 82785 85444.	-	0.6	ZG001A	216	n/a	No	420m from Denny North Substation.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
PB-3	Pow Burn / Tor Burn from source to confluence with Sauchinford Burn	ZG	-	NS 83337 84363	Unnamed drain between NS 83159 84494 and NS 83318 84288.	-	0.7	ZG003	664	n/a	No	580m from Denny North Substation.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
PB-4	Pow Burn / Tor Burn from source to confluence with Sauchinford Burn	Denny North Substation, ZD	-	NS 82281 84668	Unnamed drain between NS 82286 84777 and NS 82279 84666.	-	0.5	ZD096A	200	n/a	No	Within Denny North Substation Site.	Scoped In	Medium	n/a	0.00640	0.01	Proximity to substation.
PB-5	Pow Burn / Tor Burn from source to confluence with Sauchinford Burn	ZG	-	NS 8378 383864	Sourced at NS 83418 83901 with tributary entering at NS 83679 83948 and flowing southeast then northeast into Pow Burn at NS 83679 83948.	Substantially modified, likely artificial cross-section, channelised or realigned.	1.0	ZG004	475	Cr2	Yes	10m from access to ZG route.	Scoped In	Medium	Low	0.00934	0.697	Crossed by access track and proximity to pylon.
PB-6	Pow Burn / Tor Burn from source to confluence with Sauchinford Burn	ZG	-	NS 84069 83377	Sourced at NS 83377 83374 with tributary entering at NS 83631 83380, beneath M876 at NS 84208 83167 and flowing into unnamed watercourse at NS 84614 83131.	-	1.3	ZG006	180	n/a	No	Crossed by access to ZG.	Scoped In	Medium	n/a	0.00714	0.247	Crossed by exisiting access track.
RC1-1	River Carron (Avon Burn to Bonny Water Confluences)	ZG, ZD, Denny North Substation	-	NS 82541 84272	Connected irrigation water courses between NS 82613 84860 and NS 82506 84254	-	0.5	ZD095A	55	n/a	No	Crossed by access to Denny North Substation.	Scoped In	Medium	n/a	0.00721	0.316	Crossed by access track at two locations and proximity to pylon.
RC1-2	River Carron (Avon Burn to Bonny Water Confluences)	ZD	-	NS 82407 83615	Sourced at NS 82399 84383 and flowing south beneath Denovan Road at NS 82414 83070 and into River Carron at NS 82231 83039.	-	0.9	ZD095	30	Cr1	Yes	15m from Access to Denny North Substation.	Scoped In	Medium	n/a	0.01533	0.12	Crossed by access track and proximity to pylon.
RC1-3	River Carron (Avon Burn to Bonny Water Confluences)	ZD	-	NS 82202 83667	Connected channelised irrigation watercourses sourcing at NS 82786 83849 and NS 82986 83505 and flowing southwest into RC1-2 at NS 82479 83171.	-	0.5	ZD095	95	n/a	No	90m from access to ZG.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
RC1-4	River Carron (Avon Burn to Bonny Water Confluences)	ZD, Denny Substation	-	NS 81848 84264	Unnamed drain between NS 82085 84361 and NS 81793 84092.	-	0.9	ZD096A	180	n/a	No	200m from access to Denny North Substation.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
RC1-5	River Carron (Avon Burn to Bonny Water Confluences)	ZG	-	NS 83105 83420	Unnamed drain between NS 83068 83594 and NS 83102 83312.	-	0.6	ZG005	100	n/a	No	13m from access to ZG.	Scoped In	Medium	n/a	0.00671	0.04	Proximity to access track.
RC1-6	River Carron (Avon Burn to Bonny Water Confluences)	ZG	-	NS 83570 82556	Unnamed drains at NS 83605 82668, NS 83410 82696 and NS 83242 82795.	-	1.3	ZG007	20	n/a	No	Crossed by access to ZG.	Scoped In	Medium	n/a	0.00702	0.15	Crossed by access track and proximity to pylon.
RC2-1	River Carron (Bonny Water confluence to Carron Estuary)	ZG	-	NS8374082166	Channelised irrigation water course flowing between NS 83582 82180 and NS 84229 81813.	-	1.0	ZG009	40	Cr3	Yes	Crossed by access to ZG.	Scoped In	Medium	n/a	0.00984	3.2	Crossed by access track and proximity to pylon and two further access tracks.
RC2-2	River Carron (Bonny Water confluence to Carron Estuary)	ZG	-	NS 83752 82581	Unnamed drain between NS 83786 82653 and NS 83748 82425, passing beneath M876 at NS 83744 82512.	-	0.7	ZG008	25	n/a	No	45m from access to ZG.	Scoped In	Medium	n/a	0.00660	0.024	Proximity to access track and pylon.
RC2-3	River Carron (Bonny Water confluence to Carron Estuary)	WB	-	NS 85306 80774	Unnamed drain between NS 85257 80827 and NS 85390 80740.	-	1.3	WB054	560	n/a	No	440m from access to WB.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
RC2-4	River Carron (Bonny Water confluence to Carron Estuary)	WB	-	NS 84841 79865	Connected channelised irrigation watercourses between NS 85059 79772, NS 84818 80088 and NS 84711 79739.	-	0.6	WB052	15	n/a	No	Crossed by access to WB.	Scoped In	Medium	n/a	0.00696	0.117	Crossed by access track and proximity to pylon and undergrounding cable.
RC2-5	River Carron (Bonny Water confluence to Carron Estuary)	WB, AA	-	NS 84821 79671	Unnamed drain between NS 84649 79642 and NS 84967 79674	-	1.1	WB051	75	n/a	No	Crossed by access to WB.	Scoped In	Medium	n/a	0.00696	0.02	Crossed by access track and proximity to pylon.

RC2-6	River Carron (Bonny Water confluence to Carron Estuary)	WB	-	NS 85142 79186	Connected channelised irrigation watercourses between NS 85248 79406 and NS 85488 78996.	-	1.0	WB050	235	n/a	No	10m from access to WB.	Scoped In	Medium	n/a	0.00708	0.19	Proximity to access track.
RC2-7	River Carron (Bonny Water confluence to Carron Estuary)	WB (line diversion)	-	NS 85536 80830	Channelised irrigation water course flowing between NS 85898 80171 and NS 86212 81621 where it enters the River Carron.	-	1.0	WB053	695	n/a	No	Crossed by WB.	Scoped In	Medium	n/a	0.00748	0.927	Crossed by undergrounding cable.
SB-1	South Burn	XX	-	NS 73976 68080	Sourced at NS 74209 68210 and flows west into Gertverrie Burn (SB-12) at NS 73868 68126.	-	0.7	XX015	190	n/a	No	110m from access to XX.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
SB-2	South Burn	XX	-	NS 7790 466247	Small water body at NS7790466247.	-	79.4 (at widest point)	XX030	220	n/a	No	160m from access to XX.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
SB-3	South Burn	XX (inc. undergrounding)	North Burn	NS 77277 67183	Sourced at NS 76988 66756 and flowing northeast into two small water bodies at NS 78571 68130 and NS 78836 67876.	-	0.9	XX027	85	n/a	No	45m from access to XX and undergrounding cable.	Scoped In	Medium	n/a	0.00718	0.282	Proximity to access track, undergrounding cable and pulling position.
SB-4	South Burn	XX	-	NS 76857 67390	Unnamed drain between NS 76755 67448 and NS 77364 67593.	-	0.4	XX025	107	n/a	No	75m from access to XX.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
SB-5	South Burn	XX	-	NS 76294 67368	Sourced at NS 76834 67554 and flows west beneath Stirling Road at NS 76702 67535 and into an unnamed burn at NS 75276 67242, and alongside small water body at NS7629467368.	Straightened agricultural ditch.	0.7	XX024	30	n/a	No	Crossed by XX.	Scoped In	Medium	Low	0.00714	0.245	Proximity to pylon.
SB-6	South Burn	XX	-	NS 76371 67859	Channelised irrigation watercourses between NS 75648 67378 and NS 76769 67993.	-	0.3	XX023	130	n/a	No	4m from access to XX.	Scoped In	Medium	n/a	0.00699	0.128	Proximity to access track.
SB-7	South Burn	XX	-	NS 76086 67954	Small water body at NS 76086 67954.	-	72.0 (at widest point)	XX021A	85	n/a	No	10m from access to XX.	Scoped In	Medium	n/a	0.00651	0.016	Proximity to access track, two pylons and scaffolding.
SB-8	South Burn	XX	-	NS 75574 68112	Unnamed drain between NS 75507 68465 and NS 75834 68163 with tributary entering at NS 75514 68318.	Straightened agricultural ditch.	0.3	XX019	30	n/a	No	Crossed by XX.	Scoped In	Medium	Low	0.00722	0.33	Crossed by access track and proximity to pylon.
SB-9	South Burn	XX	-	NS 75825 67796	Two unnamed drains at NS 75747 67730 and NS 75930 67898.	-	0.3	XX021A	230	n/a	No	4m from access to XX.	Scoped In	Medium	n/a	0.00682	0.064	Proximity to access track.
SB-10	South Burn	XX (inc. undergrounding)	North Burn	NS 74850 68203	Sourced at NS 75319 68236 and flows west into Gartsverrie Burn (SB-12) at NS 72915 66935	-	1.6	XX018	30	Cr20	Yes	Crossed by XX and access to XX; 5m from undergrounding cable.	Scoped In	Medium	n/a	0.00733	0.516	Crossed by access track and proximity to three pylons and undergrounding cable.
SB-11	South Burn	XX	-	NS 74775 67845	Sourced at NS 74963 67915 with tributary entering at NS 74881 67843, and flowing into SB-11 at NS 74602 67883.	-	0.9	XX016	200	n/a	No	160m from XX.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
SB-12	South Burn	XX (inc. undergrounding)	Gartverrie Burn	N 573169 67686	Sourced at NS 74229 68870 and flowing southwest to begin Monkland Canal at NS 72178 64972.	-	2.1	XX012	70	n/a	No	Crossed by XX and undergrounding cable.	Scoped In	Medium	n/a	0.00747	0.9	Crossed by scaffolding and undergrounding cable and proximity to access tracks and pylon.
SB-13	South Burn	XX	-	NS 74229 67980	Small water body at NS7422967980.	Straightened agricultural ditch.	51.0 (at widest point)	XX015	25	n/a	No	Crossed by access to XX.	Scoped In	Medium	Low	0.00656	0.02	Crossed by access track and proximity to pylon.
SB-14	South Burn	XX	-	NS 77239 66709	Unnamed drain between NS 77121 66835 and NS 77233 66634.	-	0.5	XX027	225	n/a	No	230m from access to XX.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
SB-15	South Burn	XX	-	NS 76676 67267	Two unnamed drains at NS 76632 67314 and NS 76651 67291.	Straightened agricultural ditch.	1.9	XX025	35	n/a	No	45m from access to XX.	Scoped In	Medium	Low	0.00635	0.008	Proximity to access track and pylon.
SB-16	South Burn	XX	-	NS 76360 67647	Unnamed drain between NS 76361 67650 and NS 76376 67563.	Straightened agricultural ditch.	0.9	XX023	50	n/a	No	40m from access to XX.	Scoped In	Medium	Low	0.00640	0.01	Proximity to pylon.
SCW-1	South Calder Water (u/s Auchter Water)	XR	-	NS 84561 57335	Connected channelised irrigation watercourses sourcing at NS 84242 57251, NS 85191 57112 and NS 85302 57136.	Straightened agricultural ditch.	0.6	XR025	10	n/a	No	Crossed by access to XR.	Scoped In	Medium	Low	0.01611	0.515	Crossed by access track and proximity to pylon.
SCW-2	South Calder Water (u/s Auchter Water)	XR	-	NS 84330 57694	Sourced at NS 84479 57705 and flows west beneath A71 at NS 84422 57699 and Allanton Road at NS 84078 57497, and into South Calder Water at NS 83993 57452.	Straightened agricultural ditch.	0.9	XR024	90	n/a	No	10m from access to XR.	Scoped In	Medium	Low	0.01485	0.047	Proximity to access track and pylon.
SCW-3	South Calder Water (u/s Auchter Water)	XR	-	NS 84005 58198	Sourced at NS 83100 59202 and flows southeast, with tributaries entering at NS 83219 58958 and NS 83848 58278, beneath Foulburn Road at NS 83376 58732 and into South Calder Water at NS 84096 57934 and SW-4 at NS 84213 58111.	-	1.2	XR022	100	n/a	No	Crossed by access to XR.	Scoped In	Medium	n/a	0.01682	1.8	Crossed by access track and proximity to pylon.
SCW-4	South Calder Water (u/s Auchter Water)	XR	-	NS 84133 58254	Sourced at NS 83720 58609 and flows southeast beneath Foulburn Road at NS 84027 58420 and into South Calder Water at NS 84237 58094.	Small, relatively unmodified watercourse.	1.1	XR022	14	n/a	No	Crossed by access to XR.	Scoped In	Medium	Low	0.01540	0.137	Crossed by access track and proximity to pylon.
SCW-5	South Calder Water (u/s Auchter Water)	XR	-	NS 84070 58799	Sourced at NS 84921 61033 and flows south with tributary joining at NS 84127 58820, beneath Foulburn Road at NS 84706 58328 and into South Calder Water at NS 84660 58245.	Small, relatively unmodified watercourse.	1.2	XR021	5	n/a	No	Crossed by access to XR.	Scoped In	Medium	Low	0.01631	0.728	Crossed by access track and proximity to pylon.
SCW-6	South Calder Water (u/s Auchter Water)	XR	-	NS 83280 59501	Sourced at NS 83387 59850 and NS 83027 59648 and flowing into SW-3 at NS 83381 59400.	Small, relatively unmodified watercourse.	1.0	XR018	50	n/a	No	Crossed by access to XR.	Scoped In	Medium	Low	0.01587	0.328	Crossed by access track and proximity to pylon.
SCW-7	South Calder Water (u/s Auchter Water)	XR	-	NS 84314 58245	Unnamed drain between NS 84193 58265 and NS 84354 58188.	Straightened agricultural ditch.	0.8	XR022	5	n/a	No	5m from access to XR.	Scoped In	Medium	Low	0.01484	0.046	Proximity to access track and pylon.
ShirrelB-1	Shirrel Burn/Thankerton Burn/Legbrannock Burn	XX	-	NS 78661 61302	Unnamed drain between NS 78911 61388 and NS 78608 61309 and drainage pond at NS 78620 61362.	-	1.6	XX047	180	n/a	No	55m from access to XX.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
ShirrelB-2	Shirrel Burn/Thankerton Burn/Legbrannock Burn	XX	-	NS 78040 60938	Unnamed drain between NS 77637 60923 and NS 78362 61176, passing beneath Legbrannock Road at NS 78063 60937.	-	1.7	XX049	190	n/a	No	30m from XX.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
ShirrelB-3	Shirrel Burn/Thankerton Burn/Legbrannock Burn	XR	-	NS 79520 60269	Small water body at NS7952060269.	-	110.0 (at widest point)	XR006	125	n/a	No	5m from XR.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
ShirrelB-4	Shirrel Burn/Thankerton Burn/Legbrannock Burn	XR	-	NS 79370 60289	Three small water bodies at NS 79352 60290, NS 79396 60313 and NS 79403 60279.	-	67.5, 28.5 and 27.0 at widest points respectively.	XR005	190	n/a	No	140m from XR.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
ShirrelB-5	Shirrel Burn/Thankerton Burn/Legbrannock Burn	XR, XX	-	NS 78688 60802	Unnamed drains between NS 78576 60807 and NS 78833 60802, and between NS 78696 60790 and NS 78746 60709.	Artificial drainage channel with an existing culvert under the pathway. Vegetated banks.	1.5	XR002	45	n/a	No	Crossed by access to XR.	Scoped In	Medium	Low	0.00865	0.074	Crossed by access track and proximity to pylon.
ShirrelB-6	Shirrel Burn/Thankerton Burn/Legbrannock Burn	XX, XR	-	NS 78592 60987	Unnamed drain between NS 78386 60970 and NS 78774 60955.	Modified agricultural ditch.	1.7	XX048	30	n/a	No	Crossed by access to XX.	Scoped In	Medium	Low	0.00861	0.065	Crossed by access track and proximity to pylon.
ShottsB-1	Shotts Burn	XX	-	NS 78678 62706	Unnamed drain between NS 78602 62688 and NS 78720 62720.	-	1.5	XX043	120	n/a	No	250m from access to XX.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
ShottsB-2	Shotts Burn	XX	-	NS 79455 64099	Sourced at NS 79571 64284 and flowing southwest into Clattering Burn (ShottsB-3) at NS 79384 64057.	-	0.2	XX038	240	n/a	No	200m from access to XX.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
ShottsB-3	Shotts Burn	XX (inc. undergrounding)	Clattering Burn	NS 78952 63089	Sourced at Roughrigg Reservoir at NS 80537 63896 and flows west and south beneath Craigs Road at NS 79269 63962, Lawhope Mill Road at NS 79034 63317 and into Shotts Burn at NS 78790 62953.	Plane-riffle bed with cobbles and boulders and some bedrock.	1.2	XX039	50	n/a	No	30m from access to XX; 48m from undergrounding cable.	Scoped In	Medium	n/a	0.00960	1.54	Proximity to access track, undergrounding cable and pylon.
ShottsB-4	Shotts Burn	XX	-	NS 79037 63132	Sourced at NS 79377 63114 and flows west with tributary entering at NS 79196 63123 and into Clattering Burn (ShottsB-3) at NS 78988 63149.	-	0.5	XX041	260	n/a	No	80m from access to XX.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
ShottsB-5	Shotts Burn	XX	-	NS 79098 63308	Sourced at NS 79338 63303 and flows west into Clattering Burn (ShottsB-3) at NS 79035 63314.	-	0.6	XX040	275	n/a	No	200m from access to XX.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
ShottsB-6	Shotts Burn	XX	-	NS 79143 63430	Sourced at NS 79271 63432 and flows west into Clattering Burn (ShottsB-3) at NS 79051 63359.	-	0.6	XX040	230	n/a	No	175m from access to XX.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
ShottsB-7	Shotts Burn	XX	-	NS 78615 63214	Small water body at NS7861563214.	-	Approx. 10.0 (unclear due to vegetation)	XX041	140	n/a	No	145m from access to XX.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
TB-1	Tillan Burn	XR	-	NS 80276 60406	Sourced at NS 79914 60893 and flows southeast, with two tributaries entering at NS 80129 60613 and NS 80285 60401, and then into Tillan Burn at NS 80404 60324.	-	0.4	XR008	150	n/a	No	40m from access to XR.	Scoped In	Medium	n/a	0.01552	0.173	Proximity of southernmost tributary to access track.
TB-2	Tillan Burn	XR	-	NS 79512 60080	Small water body at NS7951260080.	-	107.8 (at widest point)	XR006	200	n/a	No	45m from access to XR.	Scoped In	Medium	n/a	0.01421	0.013	Proximity to access track.
TB-3	Tillan Burn	XR	-	NS 79996 60450	Threessmall water bodies at NS 79984 60470, NS 80013 60434 and NS 80047 60367.	-	22.6, 23.7 and 23.0 respectively at widest points.	XR007	150	n/a	No	60m from access to XR.	Scoped Out	n/a	n/a	n/a	n/a	No direct contaminant pathways.
TB-4	Tillan Burn	XR (inc. undergrounding)	-	NS 80664 60107	Unnamed drainage pond between NS 80661 60183 and NS 80667 60029.	Agricultural man-made ditch.	15.6	XR009	15	n/a	No	Crossed by XR; 5m from undergrounding cable.	Scoped In	Medium	Low	0.01408	0.01	Proximity to access track, undergrounding cable and pylon.

Watercourse			One 1:50K OS			
Crossing ID	Existing or New	Water Feature ID	Map	POINT_X	POINT_Y	NGR
Cr24	Existing	Auchter Water	Yes	283511.5383	654989.5969	NS 83511 54989
Cr23	New temporary	AW-9	Yes	284747.2237	656901.6908	NS 84747 56901
Cr9	New temporary	BW-1	Yes	283256.6654	677325.0676	NS 83256 77325
-		BW-10	No	282725.3101	677012.4267	NS 82725 77012
-		BW-10	No	282517.3301	676946.6782	NS 82517 76946
Cr8	New temporary	BW-10	Yes	282573.686	677942.2986	NS 82573 77942
-		BW-11	No	282129.5481	676782.9779	NS 82129 76782
-		BW-11	No	281889.3647	676636.721	NS 81889 76636
Cr10	Existing	BW-11	Yes	282176.5113	677255.2937	NS 82176 77255
Cr11	Existing	BW-11	Yes	282171.1441	677056.7064	NS 82171 77056
Cr12	New temporary	BW-11	Yes	282279.8304	676829.9411	NS 82279 76829
Cr13	New temporary	BW-11	Yes	282024.8872	676715.8875	NS 82024 76715
-		BW-12	No	280454.9737	675638.417	NS 80454 75638
Cr14	New temporary	BW-12	Yes	280699.1825	675823.5863	NS 80699 75823
-		BW-13	No	280112.4911	675356.6914	NS 80112 75356
-		BW-13	No	279997.4177	675285.4146	NS 79997 75285
-		BW-13	No	279957.0562	675252.7819	NS 79957 75252
-		BW-14	No	279136.9442	674643.0651	NS 79136 74643
-		BW-14	No	279156.6955	674632.76	NS 79156 74632
-		BW-14	No	278629.4193	674327.0428	NS 78629 74327
-		BW-14	No	278006.8212	674061.6872	NS 78006 74061
-		BW-17	No	283652.4983	677663.2028	NS 83652 77663
-		BW-17	No	277813.601	674075.4273	NS 77813 74075
-		BW-4	No	283806.0009	680017.1606	NS 83806 80017
-		BW-6	No	284440.8965	678471.7088	NS 84440 78471
Cr5	New temporary	BW-6	Yes	284490.097	678777.8601	NS 84490 78777
Cr6	New temporary	BW-6	Yes	284489.7453	678762.3833	NS 84489 78762
-		BW-9	No	283147.9791	678373.0184	NS 83147 78373
Cr7	New temporary	BW-9	Yes	282980.2533	678350.2077	NS 82980 78350

-		Catchment 13-2	No	282137.5066	659588.4184	NS 82137 59588
-		Catchment 13-2	No	282511.7868	659779.6806	NS 82511 59779
-		Catchment 13-2	No	282374.9355	659768.1389	NS 82374 59768
-		Catchment 17-2	No	280614.0046	653784.0518	NS 80614 53784
-		Catchment 17-2	No	280436.4825	653599.9345	NS 80436 53599
-		Catchment 9-2	No	278306.7675	661828.0543	NS 78306 61828
Cr15	New temporary	Glencryan Burn	Yes	278116.0549	673877.5699	NS 78116 73877
-		LW-10	No	277602.1753	671152.6338	NS 77602 71152
-		LW-10	No	277457.0799	671059.7508	NS 77457 71059
Cr16	New temporary	LW-13	Yes	278250.7079	671828.097	NS 78250 71828
-		LW-16	No	278265.5472	671770.3886	NS 78265 71770
Cr18	New temporary	LW-4	Yes	276100.5915	669946.2093	NS 76100 69946
-		LW-6	No	276461.8352	670371.1191	NS 76461 70371
-		LW-6	No	276573.6906	670445.6893	NS 76573 70445
-		LW-6	No	276324.654	670297.6041	NS 76324 70297
-		LW-6	No	276304.6045	670288.8104	NS 76304 70288
-		LW-6	No	276084.7629	670140.3734	NS 76084 70140
Cr17	Existing	LW-7	Yes	276670.4208	670665.8826	NS 76670 70665
-		LW-8	No	277349.3575	670979.5086	NS 77349 70979
Cr19	Existing	North Calder Water	Yes	279044.3359	665898.9703	NS 79044 65898
Cr2	Existing	PB-5	Yes	284130.9638	683785.3231	NS 84130 83785
-		PB-6	No	283637.6847	683386.9194	NS 83637 83386
Cr1	New temporary	RC1-1	No	282409.0109	684312.3493	NS 82409 84312
-		RC1-2	Yes	282671.1719	684464.5896	NS 82671 84464
-		RC1-6	No	283600.7582	682658.6943	NS 83600 82658
Cr3	Existing	RC2-1	Yes	283920.2677	681893.2788	NS 83920 81893
-		RC2-5	No	284936.0896	679673.1429	NS 84936 79673
-		RC3-4	No	284927.4867	679816.666	NS 84927 79816
Cr20	New temporary	SB-10	Yes	275005.2969	668257.8702	NS 75005 68257
-		SB-13	No	274241.8971	667990.7627	NS 74241 67990
-		SCW-3	No	283447.2126	659475.2	NS 83447 59475

-		SCW-4	No	283901.1854	658546.3695	NS 83901 58546
-		SCW-5	No	283886.3461	658885.4751	NS 83886 58885
-		SCW-5	No	283855.0187	658860.1933	NS 83855 58860
-		SCW-6	No	283253.2025	659729.6666	NS 8325 359729
-		SCW-6	No	283282.3315	659688.4463	NS 83282 59688
Cr21	New temporary	Shirrel Burn	Yes	279065.7705	660676.6341	NS 79065 60676
-		ShirrelB-5	No	278648.0715	660803.5926	NS 78648 60803
-		ShirrelB-5	No	278721.1688	660745.3346	NS 7872 160745
-		ShirrelB-6	No	278437.0236	660966.825	NS 7843 760966
Cr22	New temporary	Tilan Burn	Yes	280243.022	660164.4033	NS 80243 60164
Cr4	Existing	Union Canal	Yes	285246.9936	680042.9233	NS 85246 80042

- b) The minimum buffer around each waterbody, as detailed in the [Recommended Riparian Corridor Layer for use in Large Scale Construction](#), must be maintained. If the minimum buffer cannot be achieved each breach must be numbered and associated with a photograph of the location, dimensions of the breach, and what is proposed in terms of any engineering works, and a mitigation measure. If the minimum buffer cannot be achieved and mitigation measures are not implemented, the breach must be closed.

Table 1: Recommended riparian corridor width on each side of the watercourse from the bank top, perpendicular to the watercourse.

Channel width	Recommended corridor width on each side
< 2 m	10 m
2 to 15 m	15 m
> 15 m	30 m

iled in Table 1 of
nd Use Planning, from all
areas, or 50m where
ese minimum buffers
on a plan with an
the waterbody, drawings of
and details of why the
asures to protect the

e of the channel. This is measured

n each channel bank