

WORKS INFORMATION SCHEDULE - WP85 Breda North Zone WM Imps JR321 (21 May 2010)

Category A - Distribution Mains

Solution Reference	Road Name	Justification	Length (m)	Proposed solution	Existing Diameter	Existing Material	Repl Pipe Diameter	Repl Pipe Material	Pressure Rating	Possible replacement methods	No of Comms Pipes
JR321.001	Dunraven Park	Structural	141	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	22
JR321.002	Dunraven Avenue	Structural	170	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	43
JR321.003	Lisavon Street	Structural	279	Replace	4	Cast Iron	125	HPPE	10 bar	Pipe Bursting	83
JR321.004	Brandon Parade	Structural	346	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	82
JR321.005	Park Avenue	Structural	240	Replace	4	Cast Iron	125	HPPE	10 bar	Pipe Bursting	19
JR321.006	Kyle Street	Structural	156	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	46
JR321.007	Devon Parade	Structural	195	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	46
JR321.008	Flora Street	Structural	191	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	38
JR321.009	Avoniel Parade	Structural	103	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	30
JR321.010	Mayflower Street	Structural	142	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	56
JR321.011	Martinez Avenue	Structural	480	Replace	5	Cast Iron	180	HPPE	10 bar	Pipe Bursting	73
JR321.012	Park Road	Structural	494	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	34
JR321.013	Albertbridge Road	Structural	670	Abandon	12	Cast Iron	-	-	-	-	0
JR321.016	Hawthornden Road	Structural	395	Abandon	4	Cast Iron	-	-	-	-	0
JR321.017	Massey Park	Structural	307	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	26
JR321.018	Demesne Road	Structural	441	Replace	4	Cast Iron	125	HPPE	10 bar	Pipe Bursting	53
JR321.019	Kinross Avenue	Structural	811	Replace	4	Spun Iron	125	HPPE	10 bar	Pipe Bursting	120
JR321.020	Princess Gardens	Structural	839	Replace	4	Cast Iron	125	HPPE	10 bar	Pipe Bursting	127
JR321.022	Albertbridge Road	Structural	754	Replace	6	Cast Iron	180	HPPE	10 bar	Pipe Bursting	140
JR321.023	Bridge End	Structural	338	Abandon	10	Cast Iron	-	-	-	-	0
JR321.024	Rotterdam Street	Structural	129	Replace	6	Cast Iron	180	HPPE	10 bar	Pipe Bursting	5
JR321.025	Rotterdam Street	Structural	94	Abandon	5	Cast Iron	-	-	-	-	14
JR321.027	Station Street	Structural	167	Replace	5	Cast Iron	180	HPPE	10 bar	Pipe Bursting	3
JR321.029	Ladas Drive	Structural	690	Replace	5	Cast Iron	180	HPPE	10 bar	Pipe Bursting	82
JR321.030	Isoline Street	Structural	243	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	76
JR321.031	Paxton Street	Structural	90	Replace	3	Cast Iron	125	HPPE	10 bar	Pipe Bursting	15
JR321.032	Ardenlee Avenue	Structural	897	Replace	5	Cast Iron	180	HPPE	10 bar	Pipe Bursting	175
JR321.033	Ardenlee Parade	Structural	248	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	52
JR321.034	Haddington Gardens	Structural	275	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	55
JR321.035	Shelbourne Road	Structural	82	Abandon	5	Cast Iron	-	-	-	-	0
JR321.038	Parkgate Parade	Structural	90	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	41
JR321.039	Parkgate Avenue	Structural	478	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	140
JR321.040	Harland Park	Structural	103	Replace	4	Cast Iron	125	HPPE	10 bar	Pipe Bursting	21
JR321.041	Brandra Street	Structural	71	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	12
JR321.042	Brandon Terrace	Structural	74	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	13
JR321.043	Connbrook Avenue	Structural	86	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	12
JR321.044	Abbey Park	Structural	271	Replace	4	Cast Iron	125	HPPE	10 bar	Pipe Bursting	57
JR321.045	Shamrock Street	Structural	83	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	8
JR321.046	Shamrock St / Glenwherry Pl	Structural	39	Abandon	5	Cast Iron	-	-	-	-	0
JR321.047	Upr N'ards Road at Stormont Hotel	Structural	1,810	Replace	9	Cast Iron	180	HPPE	10 bar	Pipe Bursting	79
JR321.048	Upper Newtownards Road	Structural	204	Replace	9	Cast Iron	125	HPPE	10 bar	Slip Lining	13
JR321.049	Upr N'ards Rd / Hawthornden Way jnc	Structural	152	Abandon	6	Cast Iron	-	-	-	-	0
JR321.050	Upper Newtownards Road	Structural	402	Replace	6	Cast Iron	180	HPPE	10 bar	Pipe Bursting	11
JR321.051	Upper Newtownards Road	Structural	109	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	4
JR321.052	Upper Newtownards Road	Structural	675	Abandon	5	Cast Iron	-	-	-	-	0
JR321.053	Mersey Street	Structural	141	Abandon	5	Cast Iron	-	-	-	-	2
JR321.054	Mersey Street	Structural	107	New Main	0	N/A	125	HPPE	10 bar	Open Cut	7
JR321.055	Mersey Street	Structural	98	Replace	5	Cast iron	125	HPPE	10 bar	Pipe Bursting	22
JR321.058	Yukon Street	Structural	155	Abandon	5	Cast Iron	-	-	-	-	0
JR321.059	Mersey Street	Structural	13	Replace	5	Cast Iron	125	HPPE	10 bar	Open Cut	0
JR321.060	Avoniel Drive	Structural	150	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	27
JR321.061	Flora St / Avoniel Dr	Structural	40	Abandon	5	Cast Iron	-	-	-	-	0
JR321.063	Avoniel Dr / Avoniel Pde	Structural	45	Abandon	5	Cast Iron	-	-	-	-	0
JR321.064	Avoniel Parade	Structural	74	Abandon	5	Cast Iron	-	-	-	-	12
JR321.065	Avoniel Drive	Structural	41	Abandon	5	Cast Iron	-	-	-	-	11
JR321.066	Oakland Avenue	Structural	303	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	82
JR321.100	Croft Road	Hydraulic	1,096	Replace	6	Cast Iron	180	HPPE	10 bar	Pipe Bursting	67
JR321.104	Church Road	Water Quality	674	Replace	10	Cast Iron	125	HPPE	10 bar	Slip Lining	15
JR321.106	Dalwhinney Road	Hydraulic	91	Replace	3	Cast Iron	180	HPPE	10 bar	Pipe Bursting	10
JR321.107	Rannoch Road	Hydraulic	572	Replace	4	Cast Iron	180	HPPE	10 bar	Pipe Bursting	50
JR321.108	Lochinver Avenue	Water Quality	398	Replace	4	Cast Iron	125	HPPE	10 bar	Pipe Bursting	37
JR321.109	Croft Park	Hydraulic	192	Replace	4	Cast Iron	180	HPPE	10 bar	Pipe Bursting	13
JR321.111	Balmont Road	Hydraulic	627	Abandon	8	Asbestos Cement	-	-	-	-	3
JR321.112	Balmont Road	Hydraulic	919	Replace	5	Cast Iron	180	HPPE	10 bar	Pipe Bursting	21
JR321.115	Castlereagh Road	Operational	164	Replace	5	Cast Iron	225	HPPE	10 bar	Pipe Bursting	47
JR321.201	Park Parade	Water Quality	110	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	23
JR321.202	Ranelagh Street	Water Quality	216	Replace	5	Cast Iron	180	HPPE	10 bar	Pipe Bursting	87
JR321.203	Kersland Dr / Pde / Cres	Water Quality	267	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	63
JR321.204	Kersland Parade	Water Quality	15	New Main	0	N/A	125	HPPE	10 bar	Open Cut	0
JR321.205	Wingrove Gardens	Water Quality	185	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	28
JR321.207	Parkgate Crescent	Water Quality	97	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	44
JR321.208	Connbrook Park	Water Quality	149	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	38
JR321.209	Kingsdale Park	Water Quality	405	Replace	4	Cast Iron	125	HPPE	10 bar	Pipe Bursting	78
JR321.210	Cloghan Cres / Pk / Gdns	Water Quality	456	Replace	4	Cast Iron	125	HPPE	10 bar	Pipe Bursting	93
JR321.212	Knockdarragh Park	Water Quality	270	Replace	5	Spun Iron	125	HPPE	10 bar	Pipe Bursting	34
JR321.213	Massey Court	Water Quality	368	Replace	4	Cast Iron	125	HPPE	10 bar	Pipe Bursting	30
JR321.215	Tudor Oaks	Water Quality	284	Replace	3	Cast Iron	125	HPPE	10 bar	Pipe Bursting	31
JR321.216	Carlston Ave/Strathleven Pk/Invergourie Rd	Water Quality	911	Replace	4	Cast Iron	125	HPPE	10 bar	Pipe Bursting	72
JR321.217	Bloomfield Parade	Water Quality	115	Replace	5	Cast Iron	125	HPPE	10 bar	Pipe Bursting	21
JR321.218	Bloomfield Pde / Cres jnc	Water Quality	115	Abandon	5	Cast Iron	-	-	-	-	20
JR321.219	Bloomfield Crescent	Water Quality	64	Replace	5	Cast Iron	125	HPPE	10 bar	Slip Lining	15
JR321.220	Bloomfield Crescent	Water Quality	17	New Main	0	N/A	125	HPPE	10 bar	Open Cut	0
JR321.227	Strand Estate	Water Quality	851	Replace	4	Cast Iron	125	HPPE	10 bar	Pipe Bursting	128
JR321.228	Ardmore Road	Water Quality	442	Replace	4	Cast Iron	125	HPPE	10 bar	Pipe Bursting	44
JR321.229	Knockdarragh Park	Water Quality	196	Abandon	4	Spun Iron	-	-	-	-	16
JR321.402	Church Road	Structural	858	Abandon	10	Cast Iron	-	-	-	-	0
JR321.404	Bangor Road	Operational	222	Replace	3	Cast Iron	180	HPPE	10 bar	Pipe Bursting	11
JR321.430	Invergarry Avenue	Water Quality	346	Replace	3	Cast Iron	125	HPPE	10 bar	Pipe Bursting	16
WP Total Length excl. abandon			23,176	m							

Category B - Trunk Mains

Solution Reference	Road Name	Justification	Length (m)	Proposed solution	Existing Diameter	Existing Material	Repl Pipe Diameter	Repl Pipe Material	Pressure Rating	Possible replacement methods	No of Comms Pipes
JR321.015	Hawthornden Road	Structural	495	Replace	8	Cast Iron	315	HPPE	10 bar	Open Cut	50
JR321.028	Upper Newtownards Road	Structural	458	Replace	10	Cast Iron	315	HPPE	10 bar	Open Cut	142
JR321.101	Ardmore Heights	Water Quality	598	Abandon	10	Cast / Ductile Iron	-	-	-	-	0
JR321.102	Ardmore Heights / Twisel Burn	Water Quality	216	Replace	300	Cast / Ductile Iron	125	HPPE	10 bar	Slip Lining	0
JR321.110	Belmont Church Rd / Upr N'ards Rd jnc	Operational	16	Replace	5	Cast Iron	315	HPPE	10 bar	Open Cut	0
WP Total Length excl. abandon			1,185	m							

Category C - Service Reservoirs

Solution Reference	Road Name	Justification	Length (m)	Proposed solution	Existing Diameter	Existing Material	Repl Pipe Diameter	Repl Pipe Material	Pressure Rating	Possible replacement methods	No of Comms Pipes
WP Total Length excl. abandon			0	m							

Category D - Pumping Stations

Solution Reference	Road Name	Justification	Length (m)	Proposed solution	Existing Diameter	Existing Material	Repl Pipe Diameter	Repl Pipe Material	Pressure Rating	Possible replacement methods	No of Comms Pipes
WP Total Length excl. abandon			0	m							

Category E - Operational Schemes

EP Schemes

Solution Reference	Road Name	Justification	Length (m)	Proposed solution	Existing Diameter	Existing Material	Repl Pipe Dia.	Repl Pipe Material	Pressure Rating	Possible replacement methods	No of Comms Pipes
JR321.014	Albertbridge Rd/Templemore Ave jnc	Structural	8	Cross Connection	-	-	355	HPPE	10 bar	Open Cut	0
JR321.026	Rotterdam Street	Structural	4	Cross Connection	-	-	125	HPPE	10 bar	Open Cut	0
JR321.057	Mersey Street	Structural	20	Cross Connection	-	-	125	HPPE	10 bar	Open Cut	0
JR321.062	Flora St / Avoniel Dr	Structural	23	Cross Connection	-	-	125	HPPE	10 bar	Open Cut	0
JR321.105	Ardmore Heights	Water Quality	22	Cross Connection	-	-	125	HPPE	10 bar	Open Cut	0
JR321.113	Balmont Road	Hydraulic	13	Cross Connection	-	-	125	HPPE	10 bar	Open Cut	2
JR321.114	Balmont Road	Hydraulic	13	Cross Connection	-	-	125	HPPE	10 bar	Open Cut	0
JR321.403	Shore Rd / Marine Pde jnc	Operational	29	Cross Connection	-	-	180	HPPE	10 bar	Open Cut	0
JR321.427	No.96 Rosepark	Operational	6	Cross Connection	-	-	180	HPPE	10 bar	Open Cut	1
JR321.413	No.173 Castlereagh Road	Operational	0	New PRV	-	-	-	-	-	Open Cut	0
JR321.417	No.30 Ravenhill Road	Operational	0	New PRV	-	-	-	-	-	Open Cut	0
JR321.418	Sydenham Ave / Hollywood Rd jnc	Operational	0	New PRV	-	-	-	-	-	Open Cut	0
JR321.419	No.110 Sydenham Avenue	Operational	0	New PRV	-	-	-	-	-	Open Cut	0
JR321.420	Old Hollywood Road	Operational	0	New PRV	-	-	-	-	-	Open Cut	0
JR321.421	No.422 Beersbridge Road	Operational	0	New PRV	-	-	-	-	-	Open Cut	0
JR321.422	No.370 Upper Newtownards Road	Operational	0	New PRV	-	-	-	-	-	Open Cut	0
JR321.424	No.1 Rosepark	Operational	0	New SV	-	-	-	-	-	Open Cut	0
JR321.428	Belmont Church Rd /Upr N'ards Rd jnc	Operational	0	New Meter	-	-	-	-	-	Open Cut	0

Operations Schemes

Solution Reference	Road Name	Justification	Length (m)	Proposed solution	Existing Diameter	Existing Material	Repl Pipe Dia.	Repl Pipe Material	Pressure Rating	Possible replacement methods	No of Comms Pipes
JR321.405	Bangor Rd/Victoria Rd jnc	Operational	0	Open SV	-	-	-	-	-	-	0
JR321.407	Saleen Park	Operational	0	Open SV	-	-	-	-	-	-	0
JR321.408	Shore Rd / Strand Ave jnc	Operational	0	Close SV	-	-	-	-	-	-	0
JR321.425	No.1 Rosepark	Operational	0	Open SV	-	-	-	-	-	-	0
JR321.426	No.96 Rosepark	Operational	0	Close SV	-	-	-	-	-	-	0
WP Total Length excl. abandon			138	m							0