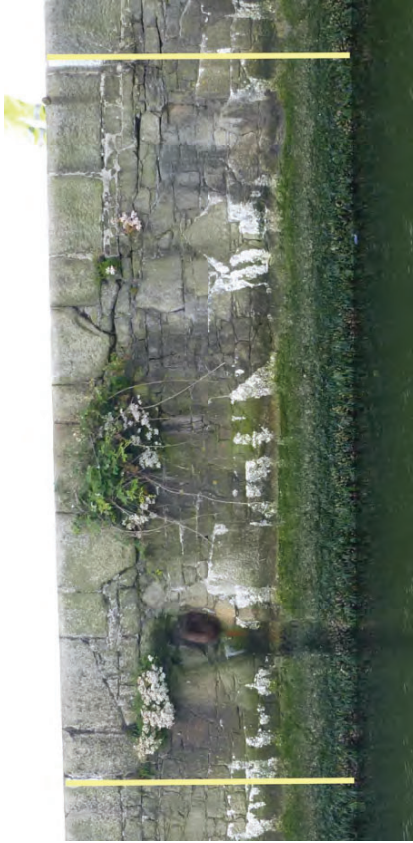




Figure A181a - Bramley Moore: Coping Chainage 880 to 885m

A182 Chainage 885 to 890m



Features / Condition

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
885 to 890	Coping	0 to 0.4	-	Good - Minor cracks created by minor movement. Surface defects in coping or limited mortar loss from joints
885 to 890	Brickwork / Masonry	0.4 to 1.8	-	Very Good - No sign of movement. Joints are sound with no loss of mortar
885 to 890	Marine Growth	1.5 to 1.8	-	Minor growth. Features partially obscured
885 to 888	Vegetation	0.2 to 0.5	-	Minor growth. Features partially obscured. Onset of structural degradation by root growth
886	Mooring Chain	0.5 to 1.8	-	Fixed within recess. Fair condition, extensive corrosion with minor thickness loss and/or minor damage to links
885 to 890	Concrete	0 (coping)	-	Good - Structurally sound but with minor cracks and localised honeycombing/flaking with no significant defects
886 and 889	Metalwork	0 (coping)	0.1 x 0.1m	Metal fixing. Good condition, localised surface corrosion

Figure A182 - Bramley Moore: Chainage 885 to 890m

Chainage (m)	Feature	Defect	Level (m from top)	Description
885 to 888	Coping	Vegetation Damage	0.2	Small and shallow rooted vegetation resulting in surface cracks and the early onset of mortar degradation
885 to 889	Brickwork / Masonry	Staining / Calcification	0.9 to 1.5	White staining concentrated around mortar joints indicative of early sulphate attack. May lead to future spalling and deterioration of mortar
887 to 888	Brickwork / Masonry	Vegetation Damage	0.2 to 0.5	Established vegetation with deep roots. Roots have cracked mortar with the potential to displace bricks/blocks
886	Mooring Chain	Corrosion	0.6 to 0.8	Progressive corrosion has lead to deep pitting and loss of thickness weakening the metal

Defects

Features	Present	Features	Present	Features	Present
Anchor		Lock Gate		Recess	
Boat		Manhole		Repair	
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling	
Chain Post / Fencing		Metalwork	x	Steps	
Cobbles		Miscellaneous		Timber	
Concrete	x	Mooring Bollard		Vegetation	x
Coping	x	Mooring Chain	x	Weephole / Outfall	
Fender		Mooring Ring		-	
Hand railing / Fence		Obstruction		-	
Ladder		Opening / Vault		-	

Overall Condition Rating

Overall Assessment	2	Good
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Figure A182a - Bramley Moore: Coping Chainage 885 to 890m

A183 Chainage 890 to 895m



Figure A183 - Bramley Moore: Chainage 890 to 895m

Inspection Date & Time	12th -13th July 2017
Weather Conditions	Warm & Sunny
Water Conditions	Impounded Water
Wall Height (m)	1.8m (+6.6mOD / +4.8mOD)

Features				
Features	Present	Features	Present	Features
Anchor		Lock Gate		Recess
Boat		Manhole		Repair
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling
Chain Post / Fencing		Metalwork	x	Steps
Cobbles		Miscellaneous		Timber
Concrete	x	Mooring BOLLARD		Vegetation
Coping	x	Mooring Chain		Weephole / Outfall
Fender		Mooring Ring		
Hand railing / Fence		Obstruction		-
Ladder		Opening / Vault		-

Overall Condition Rating

Overall Assessment	2	Good
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Figure A183a - Bramley Moore: Coping Chainage 890 to 895m

A184 Chainage 895 to 900m



Features / Condition

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
895 to 900	Coping	0 to 0.6	-	Good - Minor cracks created by minor movement. Surface defects in coping or limited mortar loss from joints
895 to 900	Brickwork / Masonry	0.6 to 1.8	-	Good - Minor cracks created by minor movement. Surface defects in bricks or limited mortar loss from joints
895 to 900	Marine Growth	1.5 to 1.8	-	Minor growth. Features partially obscured
899 to 900	Vegetation	0.3 to 0.5	-	Minor growth. Features partially obscured. Vegetation does not affect structural integrity
895 to 900	Concrete	0 (coping)	-	Good - Structurally sound but with minor cracks and localised honeycombing/flaking with no significant defects
896 and 899	Metalwork	0 (coping)	0.1 x 0.1m	Metal fixing. Good condition, localised surface corrosion
897.5	Mooring Bollard	0 (coping)	H = 0.8m	T-Shaped bollard embedded into coping. Good condition, localised surface corrosion

Figure A184 - Bramley Moore: Chainage 895 to 900m

Defects				
Chainage (m)	Feature	Defect	Level (m from top)	Description
895 to 900	Brickwork / Masonry	Staining / Calcification	1 to 1.3	White staining concentrated around mortar joints indicative of early sulphate attack. May lead to future spalling and deterioration of mortar
897.5	Coping	Loss of Mortar	0.2 to 0.4	Mortar loss to coping stone is limited to the surface. Defects are cosmetic only
899 to 900	Coping	Vegetation Damage	0.3	Small and shallow rooted vegetation resulting in surface cracks and the early onset of mortar degradation

Inspection Date & Time	12th -13th July 2017
Weather Conditions	Warm & Sunny
Water Conditions	Impounded Water
Wall Height (m) [Crest Level / Water Level mOD]	1.8m [+6.6mOD / +4.8mOD]

Features				
Features	Present	Features	Present	Present
Anchor		Lock Gate		Recess
Boat		Manhole		Repair
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling
Chain Post / Fencing		Metalwork	x	Steps
Cobbles		Miscellaneous		Timber
Concrete	x	Mooring Bollard	x	Vegetation
Coping	x	Mooring Chain		Weephole / Outfall
Fender		Mooring Ring		-
Hand railing / Fence		Obstruction		-
Ladder		Opening / Vault		-

Overall Condition Rating

Overall Assessment	2	Good
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Figure A184a - Bramley Moore: Coping Chainage 895 to 900m

A185 Chainage 900 to 905m

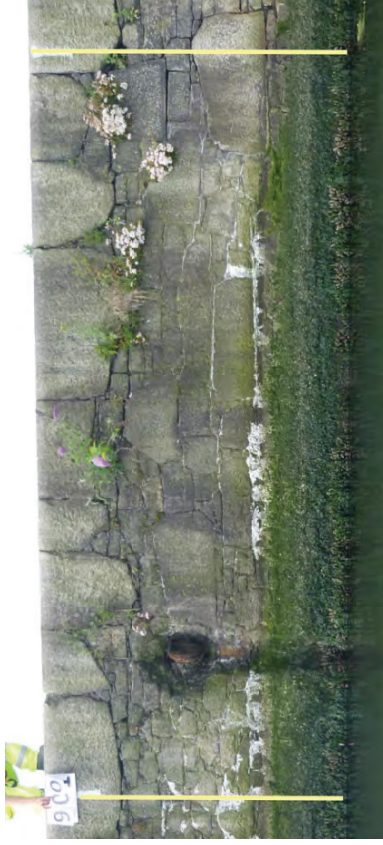


Figure A185 - Bramley Moore: Chainage 900 to 905m

Inspection Date & Time	12th -13th July 2017
Weather Conditions	Warm & Sunny
Water Conditions	Impounded Water
Wall Height (m)	1.8m (+6.6mOD / +4.8mOD)

Features				
Features	Present	Features	Present	Features
Anchor		Lock Gate		Recess
Boat		Manhole		Repair
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling
Chain Post / Fencing		Metalwork		Steps
Cobbles		Miscellaneous		Timber
Concrete	x	Mooring Bolland		Vegetation
Coping	x	Mooring Chain	x	Weephole / Outfall
Fender		Mooring Ring		
Hand railing / Fence		Obstruction		-
Ladder		Opening / Vault		-

Overall Condition Rating

Overall Assessment	2	Good
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Features / Condition	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
900 to 905	Coping	0 to 0.5	-	Good - Minor cracks created by minor movement. Surface defects in coping or limited mortar loss from joints
900 to 905	Brickwork / Masonry	0.5 to 1.8	-	Good - Minor cracks created by minor movement. Surface defects in bricks or limited mortar loss from joints
900 to 905	Marine Growth	1.5 to 1.8	-	Minor growth. Features partially obscured
901	Mooring Chain	0.6 to 1.8	-	Fixed within recess. Fair condition, extensive corrosion with minor thickness loss and/or minor damage to links
901 to 905	Vegetation	0.3 to 0.6	-	Minor growth. Features partially obscured. Vegetation does not affect structural integrity
900 to 905	Concrete	0 (coping)	-	Good - Structurally sound but with minor cracks and localised honeycombing/flaking with no significant defects

Defects

[illegible]



Figure A185a - Bramley Moore: Coping Chainage 900 to 905m

A186 Chainage 905 to 910m

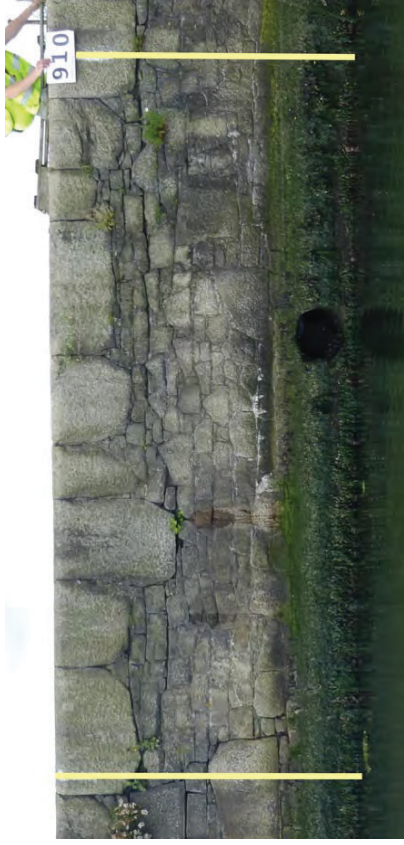


Figure A186 - Bramley Moore: Chainage 905 to 910m

Inspection Date & Time	12th -13th July 2017
Weather Conditions	Warm & Sunny
Water Conditions	Impounded Water
Wall Height (m)	1.8m (+6.6mOD / +4.8mOD)

Features				
Features	Present	Features	Present	Features
Anchor		Lock Gate		Recess
Boat		Manhole		Repair
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling
Chain Post / Fencing		Metalwork		Steps
Cobbles		Miscellaneous		Timber
Concrete	x	Mooring Bolland		Vegetation
Coping	x	Mooring Chain		Weephole / Outfall
Fender		Mooring Ring		x
Hand railing / Fence		Obstruction		-
Ladder		Opening / Vault		-

Overall Condition Rating	2	Good
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Features / Condition	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
905 to 910	Coping	0 to 0.7	-	Very Good - No sign of movement. Joints are sound with no loss of mortar
905 to 910	Brickwork / Masonry	0.3 to 1.8	-	Good - Minor cracks created by minor movement. Surface defects in bricks or limited mortar loss from joints
905 to 910	Marine Growth	1.5 to 1.8	-	Minor growth. Features partially obscured
908	Weephole / Outfall	1.6 to 1.8	D = 0.4m	Rectangular weephole/outfall. Good condition, some degradation but fully operable
905 to 910	Concrete	0 (coping)	-	Good - Structurally sound but with minor cracks and localised honeycombing/flaking with no significant defects

Defects

[illegible]

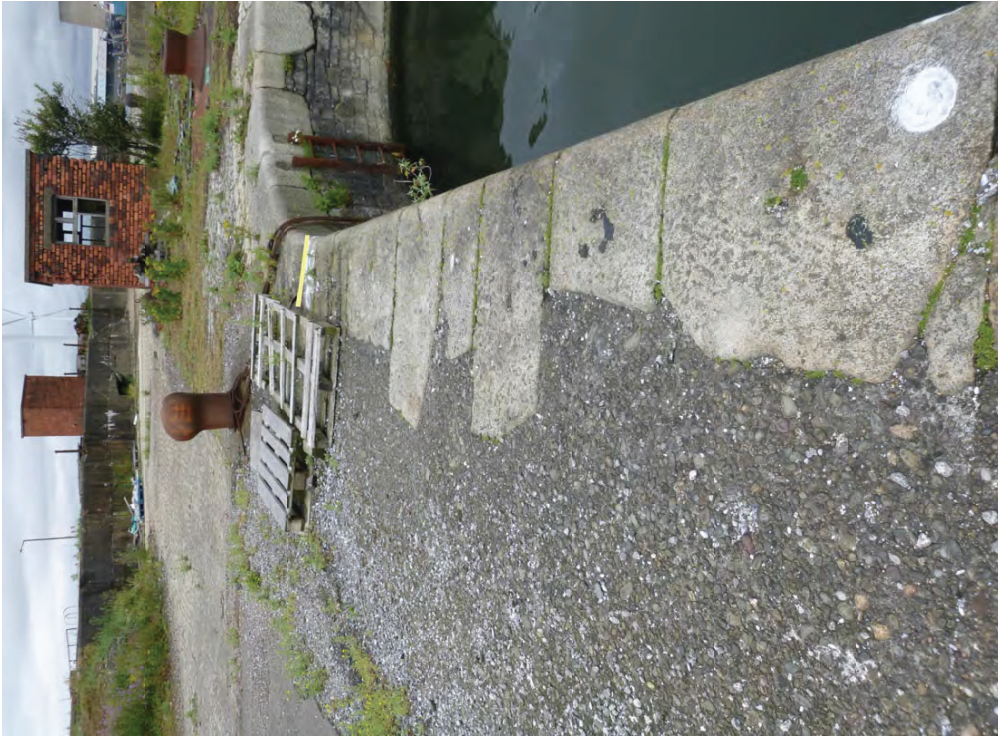


Figure A186a - Bramley Moore: Coping Chainage 905 to 910m



Figure A187a - Bramley Moore: Coping Chainage 910 to 915m



Figure A188a - Bramley Moore: Coping Chainage 915 to 920m

A189 Chainage 920 to 925m



Figure A189 - Bramley Moore: Chainage 920 to 925m

Inspection Date & Time	12th - 13th July 2017
Weather Conditions	Warm & Sunny
Water Conditions	Impounded Water
Wall Height (m)	1.8m (+6.6mOD / +4.8mOD)

Features				
Features	Present	Features	Present	Features
Anchor		Lock Gate		Recess
Boat		Manhole		Repair
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling
Chain Post / Fencing		Metalwork		Steps
Cobbles	x	Miscellaneous		Timber
Concrete		Mooring Bolland	x	Vegetation
Coping	x	Mooring Chain		Weephole / Outfall
Fender		Mooring Ring		
Hand railing / Fence		Obstruction		-
Ladder		Opening / Vault		-

Overall Condition Rating		
Overall Assessment	2	Good

Features / Condition

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
920 to 925	Coping	0 to 0.8	-	Fair - Slight coping displacement created by movement. Mortar loss from joints and joints/coping cracking. Rounding/chipping of coping edges
920 to 925	Brickwork / Masonry	0.3 to 1.8	-	Good - Minor cracks created by minor movement. Surface defects in bricks or limited mortar loss from joints
920 to 925	Marine Growth	1.5 to 1.8	-	Minor growth. Features partially obscured
920 to 925	Cobbles	0 (coping)	-	Good - Minor cracks created by settlement/heave. Surface defects in cobbles or limited mortar loss from joints
920 to 925	Vegetation	0 (coping)	-	Minor growth. Features partially obscured. Vegetation does not affect structural integrity
925	Mooring Bollard	0 (coping)	-	Single bitt bollard. Fair condition, extensive corrosion with minor thickness loss and/or minor movement to bollard

Defects

[illegible]

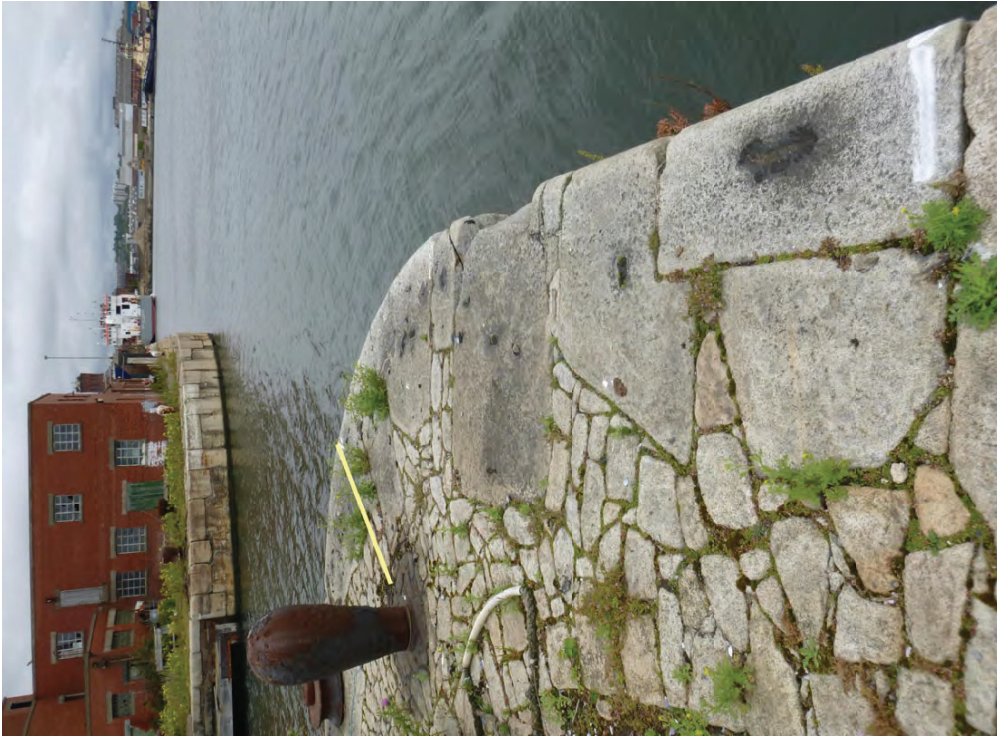


Figure A189a - Bramley Moore: Coping Chainage 920 to 925m

A190 Chainage 925 to 930m



Figure A190 - Bramley Moore: Chainage 925 to 930m

Inspection Date & Time	12th - 13th July 2017
Weather Conditions	Warm & Sunny
Water Conditions	Impounded Water
Wall Height (m)	1.9m (+6.7mOD / +4.8mOD)

Features				
Features	Present	Features	Present	Features
Anchor		Lock Gate		Recess
Boat		Manhole		Repair
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling
Chain Post / Fencing		Metalwork		Steps
Cobbles	x	Miscellaneous		Timber
Concrete		Mooring Bolland	x	Vegetation
Coping	x	Mooring Chain		Weephole / Outfall
Fender		Mooring Ring		
Hand railing / Fence		Obstruction		-
Ladder		Opening / Vault		-

Overall Condition Rating

Overall Assessment	2	Good
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Features / Condition

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
925 to 930	Coping	0 to 0.8	-	Good - Minor cracks created by minor movement. Surface defects in coping or limited mortar loss from joints
925 to 930	Brickwork / Masonry	0.5 to 1.9	-	Good - Minor cracks created by minor movement. Surface defects in bricks or limited mortar loss from joints
925 to 930	Marine Growth	1.5 to 1.9	-	Minor growth. Features partially obscured
925 to 930	Vegetation	0 (coping)	-	Minimal growth. Features remain visible. Vegetation does not affect structural integrity
927	Mooring Bollard	0 (coping)	H = 0.2m	Short pillar bollard. Good condition, localised surface corrosion

Defects

[illegible]

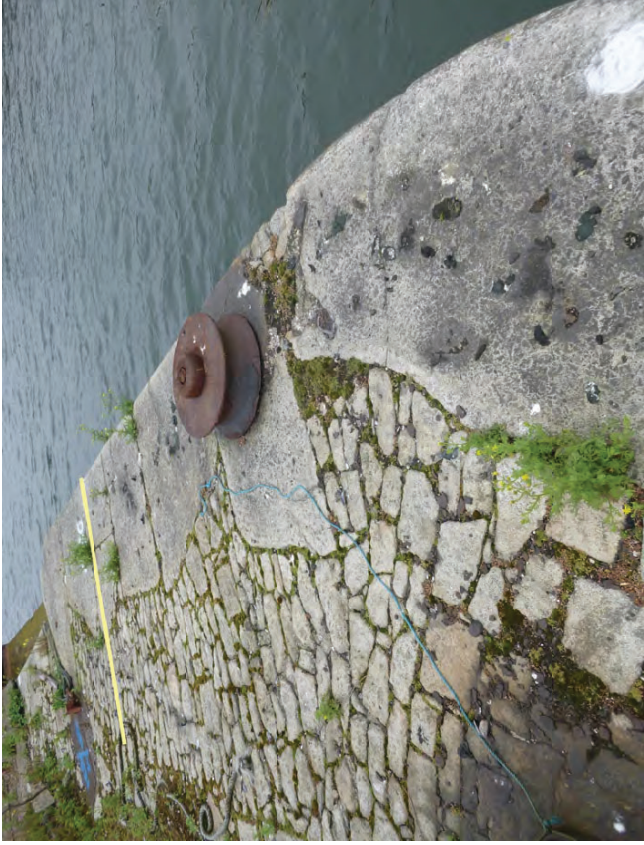


Figure A190a - Bramley Moore: Coping Chainage 925 to 930m

A191 Chainage 930 to 935m



Figure A191 - Bramley Moore: Chainage 930 to 935m

Inspection Date & Time	12th -13th July 2017
Weather Conditions	Warm & Sunny
Water Conditions	Impounded Water
Wall Height (m)	1.9m [+6.7mOD / +4.8mOD]

Features				
Features	Present	Features	Present	Features
Anchor		Lock Gate	x	Recess
Boat		Manhole		Repair
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling
Chain Post / Fencing		Metalwork		Steps
Cobbles	x	Miscellaneous	x	Timber
Concrete		Mooring Bolland		Vegetation
Coping	x	Mooring Chain		Weephole / Outfall
Fender		Mooring Ring		
Hand railing / Fence		Obstruction	x	-
Ladder		Opening / Vault		-

Overall Condition Rating

Overall Assessment	3	Fair
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Features / Condition

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
930 to 935	Coping	0 to 1	-	Good - Minor cracks created by minor movement. Surface defects in coping or limited mortar loss from joints
930 to 935	Brickwork / Masonry	0.3 to 1.9	-	Good - Minor cracks created by minor movement. Surface defects in blocks or limited mortar loss from joints
930 to 935	Marine Growth	1.5 to 1.9	-	Minor growth. Features partially obscured
932 to 935	Lock Gate	0.5 to 1.9	-	Fair - Minor cracks or split timbers. Established fungal decay, corrosion to fixings and gaps/misaligned timber joints. Some movement in gates
932 to 935	Obstruction	0.5 to 1.9	-	Significant obstruction. Features obscured. Condition cannot be assessed
932	Metalwork	0.2	-	Metal fixing. Poor condition, extensive corrosion with major thickness loss and/or significantly bent and deformed
932	Miscellaneous	0 to 1	-	Steel cable to secure the gates in the open position. Minor corrosion.
930 to 935	Vegetation	0 to 0.5	-	Minor growth. Features partially obscured. Onset of structural degradation by root growth
930 to 935	Cobbles	0 (coping)	-	Good - Minor cracks created by settlement/heave. Surface defects in cobbles or limited mortar loss from joints

Defects

[illegible]

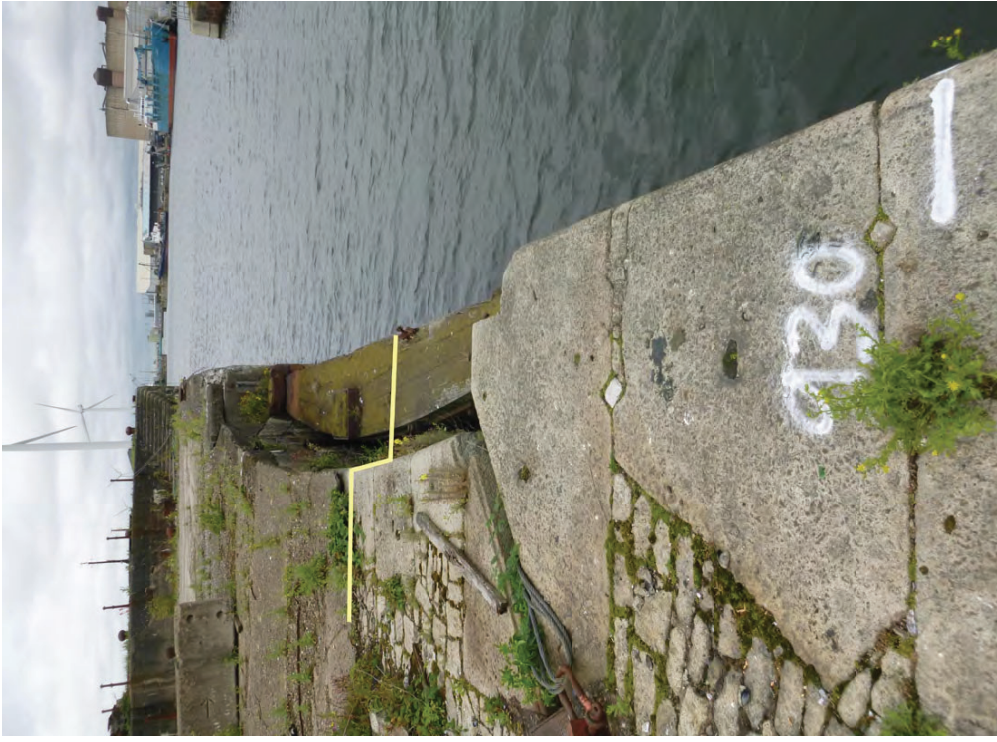


Figure A191a - Bramley Moore: Coping Chainage 930 to 935m

A192 Chainage 935 to 940m



Features / Condition

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
935 to 940	Coping	0 to 0.3	-	Good - Minor cracks created by minor movement. Surface defects in coping or limited mortar loss from joints
935 to 940	Brickwork / Masonry	0.3 to 1	-	Good - Minor cracks created by minor movement. Surface defects in bricks or limited mortar loss from joints
935 to 940	Lock Gate	1 to 2.1	-	Fair - Minor cracks or split timbers. Established fungal decay, corrosion to fixings and gaps/misaligned timber joints. Some movement in gates
935 to 940	Obstruction	1 to 2.1	-	Significant obstruction. Features obscured. Condition cannot be assessed
935 to 940	Marine Growth	1.5 to 2.1	-	Minor growth. Features partially obscured
935 to 940	Vegetation	0 to 1	-	Minor growth. Features partially obscured. Onset of structural degradation by root growth
935 to 940	Concrete	0 (coping)	H = 0.3	Concrete capping/platform above coping stone
935 to 940	Vegetation	0 (coping)	-	Minor growth. Features partially obscured. Onset of structural degradation by root growth
937	Metalwork	0 (coping)	0.1 x 0.1m	Metal fixing. Good condition, localised surface corrosion

Figure A192 - Bramley Moore: Chainage 935 to 940m

Inspection Date & Time	12th -13th July 2017
Weather Conditions	Warm & Sunny
Water Conditions	Impounded Water
Wall Height (m) [Crest Level / Water Level mOD]	2.1m [+6.9mOD / +4.8mOD]

Features

Features	Present	Features	Present	Features	Present
Anchor		Lock Gate	x	Recess	
Boat		Manhole		Repair	
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling	
Chain Post / Fencing		Metalwork	x	Steps	
Cobbles		Miscellaneous		Timber	
Concrete	x	Mooring Bollard		Vegetation	x
Coping	x	Mooring Chain		Weephole / Outfall	
Fender		Mooring Ring		-	
Hand railing / Fence		Obstruction	x	-	
Ladder		Opening / Vault		-	

Overall Condition Rating

Overall Assessment	3	Fair
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Defects

Chainage (m)	Feature	Defect	Level (m from top)	Description
935 to 940	Lock Gate	Decay	1 to 2.1	Decay is throughout intertidal zone leading to weakening of timber elements and localised section loss
935 to 940	Lock Gate	Corrosion	1 to 2.1	Onset of corrosion to surface layers which may include pitting and/or flaking of the surface metal. Defects are cosmetic only
935 to 940	Coping	Loss of Mortar	0.3 to 0.6	Mortar loss to coping stones extends below surface and has the potential to weaken/loosen surrounding bricks/blocks
935 to 940	Concrete	Flaking / Spalling	0 (coping)	Flaking of surface concrete. Flaking likely due to impact damage or freeze thaw action
937	Metalwork	Corrosion	0 (coping)	Onset of corrosion to surface layers which may include pitting and/or flaking of the surface metal. Defects are cosmetic only



Figure A192a - Bramley Moore: Coping Chainage 935 to 940m

A193 Chainage 940 to 945m



Features / Condition

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
940 to 945	Coping	0.3 to 1	-	Good - Minor cracks created by minor movement. Surface defects in coping or limited mortar loss from joints
940 to 945	Brickwork / Masonry	0.3 to 2.1	-	Good - Minor cracks created by minor movement. Surface defects in blocks or limited mortar loss from joints
940 to 945	Marine Growth	1.5 to 2.1	-	Minor growth. Features partially obscured
940 to 944	Lock Gate	1 to 2.1	-	Fair - Minor cracks or split timbers. Established fungal decay, corrosion to fixings and gaps/misaligned timber joints. Some movement in gates
940 to 944	Obstruction	1 to 2.1	-	Significant obstruction. Features obscured. Condition cannot be assessed
944 to 945	Metalwork	0.3	-	Metal fixing. Fair condition, extensive corrosion with minor thickness loss and/or partially bent and deformed
944.5	Timber	0.5 to 1	-	Fair - Minor cracks or split timbers. Established insect or fungal decay with loss of timber. Gaps at joints, misalignment of timber or bulging
940 to 945	Vegetation	0 to 2.1	-	Minor growth. Features partially obscured. Onset of structural degradation by root growth
940 to 945	Concrete	0 (coping)	-	Good - Structurally sound but with minor cracks and localised honeycombing/flaking with no significant defects

Figure A193 - Bramley Moore: Chainage 940 to 945m

Inspection Date & Time	12th -13th July 2017
Weather Conditions	Warm & Sunny
Water Conditions	Impounded Water
Wall Height (m) [Crest Level / Water Level mOD]	2.1m [+6.9mOD / +4.8mOD]

Features

Features	Present	Features	Present	Features	Present
Anchor		Lock Gate	x	Recess	
Boat		Manhole		Repair	
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling	
Chain Post / Fencing		Metalwork	x	Steps	
Cobbles		Miscellaneous		Timber	x
Concrete	x	Mooring Bollard		Vegetation	x
Coping	x	Mooring Chain		Weephole / Outfall	
Fender		Mooring Ring		-	
Hand railing / Fence Ladder		Obstruction	x	-	
		Opening / Vault		-	

Overall Condition Rating

Overall Assessment	3	Fair
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Defects

Chainage (m)	Feature	Defect	Level (m from top)	Description
940 to 944	Lock Gate	Decay	1 to 2.1	Decay is throughout intertidal zone leading to weakening of timber elements and localised section loss
940 to 944	Lock Gate	Corrosion	1 to 2.1	Progressive corrosion has lead to deep pitting and loss of thickness weakening the metal
944 to 945	Concrete	Cracking	0 to 0.5	Severe cracking of concrete. Indicates significant wall movement likely through overloading
940 to 945	Coping	Loss of Mortar	0 to 1	Mortar loss to coping stones extends below surface and has the potential to weaken/loosen surrounding bricks/blocks
944 to 945	Metalwork	Corrosion	0.3	Progressive corrosion has lead to deep pitting and loss of thickness weakening the metal
940 to 945	Brickwork / Masonry	Loss of Mortar	0.3 to 2.1	Mortar loss to bricks/blocks is limited to the surface. Defects are cosmetic only
940 to 945	Concrete	Cracking	0 (coping)	Significant cracking of concrete surfacing.



Figure A193a - Bramley Moore: Coping Chainage 940 to 945m

A194 Chainage 945 to 950m



Figure A194 - Bramley Moore: Chainage 945 to 950m

Inspection Date & Time	12th -13th July 2017
Weather Conditions	Warm & Sunny
Water Conditions	Impounded Water
Wall Height (m)	2.3m (+7.1mOD / +4.8mOD)

Features				
Features	Present	Features	Present	Features
Anchor		Lock Gate		Recess
Boat		Manhole		Repair
Brickwork / Masonry Chain Post / Fencing	x	Marine Growth Metalwork	x	Sheet Piling Steps
Cobbles		Miscellaneous	x	Timber
Concrete	x	Mooring Bollard		Vegetation
Coping		Mooring Chain		Weephole / Outfall
Fender		Mooring Ring		-
Hand railing / Fence		Obstruction		-
Ladder		Opening / Vault		-

Overall Condition Rating

Overall Assessment	3	Fair
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Features / Condition	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
945 to 950	Concrete	0 to 2.3	-	Fair - Rust staining, localised spalling, lengthy cracking and some movement or extensive honeycombing
945 to 950	Marine Growth	2 to 2.3	-	Minor growth. Features partially obscured
945 to 947	Brickwork / Masonry	1 to 2.3	-	Good - Minor cracks created by minor movement. Surface defects in bricks or limited mortar loss from joints
945 to 950	Miscellaneous	1 to 2.3	-	Holes within the wall possibly from historical fixings no longer present.
945 to 950	Vegetation	0 (coping)	-	Minor growth. Features partially obscured. Onset of structural degradation by root growth
945 to 950	Concrete	0 (coping)	-	Good - Structurally sound but with minor cracks and localised honeycombing/flaking with no significant defects

Defects

[illegible]



Figure A194a - Bramley Moore: Coping Chainage 945 to 950m



Figure A195a - Bramley Moore: Coping Chainage 950 to 955m

A196 Chainage 955 to 960m



Figure A196 - Bramley Moore: Chainage 955 to 960m

Inspection Date & Time	12th -13th July 2017
Weather Conditions	Warm & Sunny
Water Conditions	Impounded Water
Wall Height (m)	2.5m (+7.3mOD / +4.8mOD)

Features				
Features	Present	Features	Present	Features
Anchor		Lock Gate		Recess
Boat		Manhole		Repair
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling
Chain Post / Fencing		Metalwork	x	Steps
Cobbles		Miscellaneous	x	Timber
Concrete	x	Mooring BOLLARD		Vegetation
Coping		Mooring Chain		Weephole / Outfall
Fender		Mooring Ring		-
Hand railing / Fence		Obstruction		-
Ladder		Opening / Vault		-

Overall Condition Rating	2	Good
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Figure A196a - Bramley Moore: Coping Chainage 955 to 960m

A197 Chainage 960 to 965m



Figure A197 - Bramley Moore: Chainage 960 to 965m

Inspection Date & Time	12th -13th July 2017
Weather Conditions	Warm & Sunny
Water Conditions	Impounded Water
Wall Height (m)	2.2m (+7.0mOD / +4.8mOD)

Features				
Features	Present	Features	Present	Present
Anchor		Lock Gate	x	Recess
Boat		Manhole	x	Repair
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling
Chain Post / Fencing		Metalwork	x	Steps
Cobbles		Miscellaneous	x	Timber
Concrete	x	Mooring Bollard		Vegetation
Coping		Mooring Chain		Weephole / Outfall
Fender		Mooring Ring		-
Hand railing / Fence		Obstruction		-
Ladder		Opening / Vault		-

Overall Condition Rating

Overall Assessment	2	Good
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Features / Condition	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
960 to 964	Brickwork / Masonry	0 to 2.2	-	Good - Minor cracks created by minor movement. Surface defects in blocks or limited mortar loss from joints
960 to 965	Marine Growth	1.8 to 2.2	-	Minor growth. Features partially obscured
960 to 965	Vegetation	0 to 0.5	-	Minimal growth. Features remain visible. Vegetation does not affect structural integrity
964	Lock Gate	0.5 to 2.2	-	Very poor condition. Metalwork rusted. Timber rotted and large sections missing
960 to 963	Metalwork	0 (coping)	-	Metal fixing. Good condition, localised surface corrosion
961 to 965	Concrete	0 (coping)	H = 0.5m	Concrete capping/platform above coping stone
964	Manhole	0 (coping)	-	Fair - Extensive corrosion and minor damage but manhole housing remains sound. Some deterioration to material surrounding manhole

Defects

Chainage (m)	Feature	Defect	Level (m from top)	Description
961 to 965	Concrete	Flaking / Spalling	0 (coping)	Minor spalling or surface concrete at a construction joint
964	Lock Gate	Decay	0.5 to 2.2	Decay is throughout intertidal zone leading to weakening of timber elements and localised section loss
964	Lock Gate	Corrosion	0.5 to 2.2	Onset of corrosion to surface layers which may include pitting and/or flaking of the surface metal. Defects are cosmetic only
960 to 964	Brickwork / Masonry	Loss of Mortar	0.5 to 2.2	Mortar loss to bricks/blocks extends below surface and has the potential to weaken/loosen surrounding bricks/blocks