



Figure A197a - Bramley Moore: Coping Chainage 960 to 965m

A198 Chainage 965 to 970m



Figure A198 - Bramley Moore: Chainage 965 to 970m

Inspection Date & Time	12th -13th July 2017
Weather Conditions	Warm & Sunny
Water Conditions	Impounded Water
Wall Height (m) [Crest Level / Water Level mOD]	2.6m [+7.4mOD / +4.8mOD]

Features					
Features	Present	Features	Present	Features	Present
Anchor		Lock Gate	x	Recess	x
Boat		Manhole		Repair	
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling	
Chain Post / Fencing		Metalwork		Steps	
Cobbles		Miscellaneous	x	Timber	
Concrete	x	Mooring Bollard		Vegetation	x
Coping	x	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

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
965 to 970	Coping	0 to 0.3	-	Good - Minor cracks created by minor movement. Surface defects in coping or limited mortar loss from joints
965 to 970	Brickwork / Masonry	0.3 to 2.6	-	Good - Minor cracks created by minor movement. Surface defects in bricks or limited mortar loss from joints
965 to 970	Marine Growth	2 to 2.6	-	Minor growth. Features partially obscured
965 to 970	Lock Gate	0.3 to 2.6	-	Gate within recess. Very Poor condition, gate is broken, derelict and beyond repair. Full thickness decay, missing fixings or dislodged gate
968	Miscellaneous	2	-	Holes within the wall possibly from historical fixings no longer present.
965 to 970	Concrete	0 (coping)	H = 0.5m	Concrete capping/platform above coping stone
965 to 970	Vegetation	0 (coping)	-	Very good condition. Minimal defects.
965, 968 and 970	Recess	1.6 to 2.6	-	Good - Surface defects in blocks/bricks, minor cracks and/or limited mortar loss from joints

Defects

Chainage (m)	Feature	Defect	Level (m from top)	Description
965 to 970	Concrete	Flaking / Spalling	0 (coping)	Minor spalling or surface concrete at a construction joint
965 to 970	Lock Gate	Decay	1 to 2.6	Decay is extensive throughout intertidal zone and has resulted in the loss of whole sections of timber
965 to 970	Lock Gate	Corrosion	1 to 2.6	Severe corrosion has lead to full thickness loss and failure of the element
965 to 970	Brickwork / Masonry	Loss of Mortar	0.5 to 0.8	Mortar loss to coping stones extends below surface and has the potential to weaken/loosen surrounding bricks/blocks
969	Brickwork / Masonry	Cracking	0.5 to 2.6	Significant vertical cracking of mortar joints and/or bricks/blocks. Indicates wall movement/settlement



Figure A198a - Bramley Moore: Coping Chainage 965 to 970m

A199 Chainage 970 to 975m



Figure A199 - Bramley Moore: Chainage 970 to 975m

Inspection Date & Time	12th -13th July 2017
Weather Conditions	Warm & Sunny
Water Conditions	Impounded Water
Wall Height (m) [Crest Level / Water Level mOD]	4.2m [+9.0mOD / +4.8mOD]

Features					
Features	Present	Features	Present	Features	Present
Anchor		Lock Gate	x	Recess	x
Boat		Manhole		Repair	
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling	
Chain Post / Fencing		Metalwork	x	Steps	x
Cobbles		Miscellaneous	x	Timber	
Concrete	x	Mooring Bollard		Vegetation	x
Coping	x	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

Chainage (m)	Feature	Level (m from top)	Dimensions (m)	Description
970 to 971	Coping	0.5 to 0.8	-	Good - Minor cracks created by minor movement. Surface defects in coping or limited mortar loss from joints
970 to 975	Brickwork / Masonry	0.8 to 4.2	-	Good - Minor cracks created by minor movement. Surface defects in bricks or limited mortar loss from joints
970 to 975	Marine Growth	2 to 4.2	-	Minor growth. Features partially obscured
970.5 to 975	Steps	0 to 2.3	-	Fair - Cracking, spalling and rounding/chipping of step edges
970 to 975	Recess	0.5 to 4.2	-	Good - Surface defects in blocks/bricks, minor cracks and/or limited mortar loss from joints
970 to 975	Lock Gate	0.8 to 4.2	-	Gate within recess. Very Poor condition, gate is broken, derelict and beyond repair. Full thickness decay, missing fixings or dislodged gate
971	Miscellaneous	0 to 0.8	-	Steel cable to secure the gates in the open position. Minor corrosion.
970 to 975	Vegetation	0 (coping)	-	Minor growth. Features partially obscured. Vegetation does not affect structural integrity
970 to 971	Concrete	0 (coping)	H = 0.5	Concrete capping/platform above coping stone

Defects

Chainage (m)	Feature	Defect	Level (m from top)	Description
970 to 975	Lock Gate	Decay	0.8 to 4.2	Decay is extensive throughout intertidal zone and has resulted in the loss of whole sections of timber
970 to 975	Lock Gate	Corrosion	0.8 to 4.2	Severe corrosion has lead to full thickness loss and failure of the element
970.5 to 975	Steps	Flaking / Spalling	0 to 2.3	Significant spalling of concrete
970.5 to 975	Brickwork / Masonry	Staining / Calcification	0 to 2.3	White staining concentrated around mortar joints indicative of early sulphate attack. May lead to future spalling and deterioration of mortar
975	Recess	Loss of Bricks/Blocks	2	Loss of singular bricks/blocks. Defects are cosmetic only
970 to 975	Brickwork / Masonry	Loss of Mortar	0.8 to 4.2	Mortar loss to bricks/blocks extends below surface and has the potential to weaken/loosen surrounding bricks/blocks

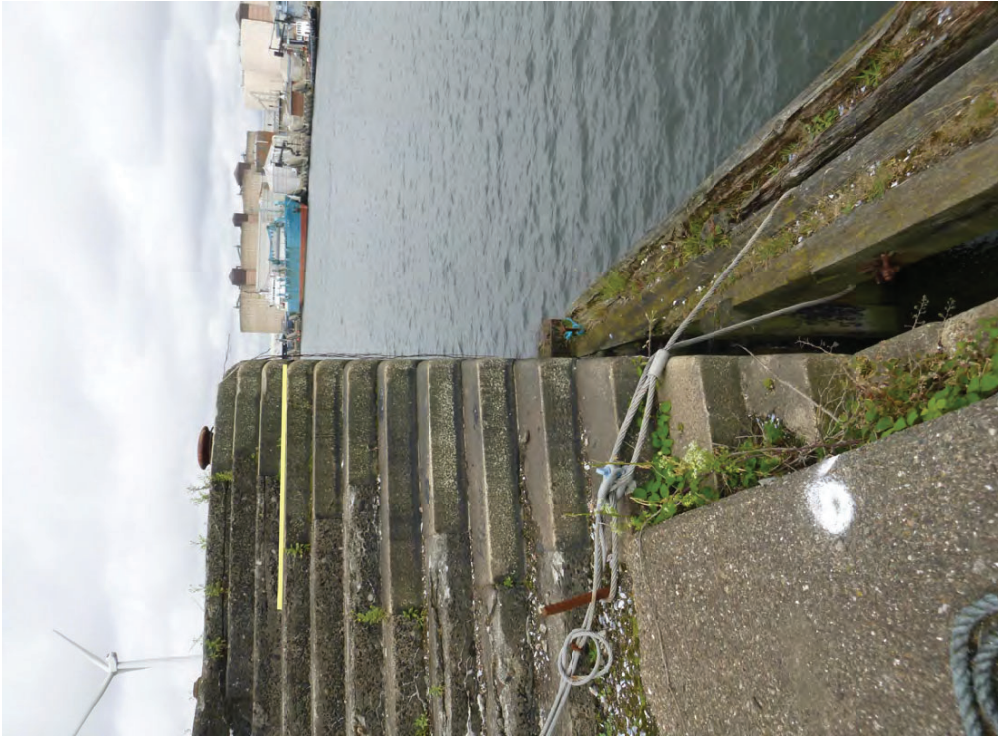


Figure A199a - Bramley Moore: Coping Chainage 970 to 975m

A200 Chainage 975 to 980m



Figure A200 - Bramley Moore: Chainage 975 to 980m

Inspection Date & Time	12th - 13th July 2017
Weather Conditions	Warm & Sunny
Water Conditions	Impounded Water
Wall Height (m)	4.5m (+9.3mOD / +4.8mOD)

Features					
Features	Present	Features	Present	Features	Present
Anchor		Lock Gate	x	Recess	x
Boat		Manhole		Repair	
Brickwork / Masonry	x	Marine Growth	x	Sheet Piling	
Chain Post / Fencing		Metalwork	x	Steps	x
Cobbles		Miscellaneous	x	Timber	
Concrete	x	Mooring Bollard	x	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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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
975 to 980	Coping	0 to 0.5	-	Very Good - No sign of movement. Joints are sound with no loss of mortar
975 to 980	Brickwork / Masonry	0.5 to 4.5	-	Good - Minor cracks created by minor movement. Surface defects in bricks or limited mortar loss from joints
975 to 980	Marine Growth	4 to 4.5	-	Minor growth. Features partially obscured
975 to 976	Steps	0 to 1	-	Good - Minor cracks and surface defects/blemishes visible. Steps remain structurally sound
975 to 976	Recess	1.5	-	Good - Surface defects in blocks/bricks, minor cracks and/or limited mortar loss from joints
975 to 976	Lock Gate	1.5	-	Very Poor - Structural failure, derelict and beyond repair. Full thickness decay and missing fixings.
976	Miscellaneous	2	-	Steel cable fixed to mooring bollard. Significant corrosion
976 to 980	Concrete	0 (coping)	-	Good - Structurally sound but with minor cracks and localised honeycombing/flaking with no significant defects
976	Metalwork	0 (coping)	0.1 x 0.1m	Metal fixing. Good condition, localised surface corrosion
977	Mooring Bollard	0 (coping)	H = 0.2m	Short pillar bollard. Good condition, localised surface corrosion

Defects

[illegible]



Figure A200a - Bramley Moore: Coping Chainage 975 to 980m