

SCHEDULES

SCHEDULE 10

PROTECTIVE PROVISIONS

PART 6

PROTECTION FOR LAND DRAINAGE, FLOOD DEFENCE, WATER RESOURCES AND FISHERIES

56.—(1) The following provisions shall apply for the protection of the Agency unless otherwise agreed in writing between Network Rail and the Agency.

(2) In this Part of this Schedule—

“the Agency” means the Environment Agency;

“construction” includes execution, placing, altering, replacing, relaying and removal and “construct” and “constructed” shall be construed accordingly;

“drainage work” means any watercourse and includes any land which provides or is expected to provide flood storage capacity for a flood event with an annual probability of occurrence of 0.01 or greater for any watercourse and any bank, wall, embankment or other structure, or any appliance, constructed or used for land drainage, flood defence or tidal monitoring;

“the fishery” means any waters containing fish and fish in, or migrating to or from the river Thames and the spawn, habitat or food of such fish;

“plans” includes sections, drawings, specifications and method statements;

“specified work” means so much of any work or operation authorised by this Order as is in, on, under, over or within 16 metres of a drainage work or is otherwise likely to—

- (a) affect any drainage work or the volumetric rate of flow of water in or flowing to or from any drainage work;
- (b) affect the flow, purity or quality of water in any watercourse or other surface waters or ground water;
- (c) cause obstruction to the free passage of fish or damage to any fishery; or
- (d) affect the conservation, distribution or use of water resources; and

“watercourse” includes all rivers, streams, ditches, drains, cuts, culverts, dykes, sluices, sewers and passages through which water flows except a public sewer.

57.—(1) Before beginning to construct the specified works and again at the written request of the Agency following their completion, Network Rail shall at its own expense and to the reasonable satisfaction of the Agency, conduct a survey of the condition of so much of the river walls on each side of the river Thames as is situated within 100 metres of the centreline of the Blackfriars Bridge and submit a report to the Agency upon the condition of such walls.

(2) If any defects are identified in the initial survey conducted pursuant to sub-paragraph (1), being defects which may be affected by the construction of the specified works, Network Rail shall

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

monitor the defects not less than once every 4 weeks where tides permit during the construction of the specified works in accordance with such reasonable requirements as the Agency may specify or, if the Agency reasonably requires having regard to the results of any such monitoring, at such lesser intervals as the Agency may specify.

(3) Before beginning to construct the specified works and at 2-weekly intervals thereafter until their completion or at such greater intervals as the Agency may agree for the period following the completion of foundation works comprised in the specified works, Network Rail shall at its own expense and to the reasonable satisfaction of the Agency survey the levels of the foreshore within 200 metres of the specified works and submit a report upon those levels to the Agency.

(4) The survey required under sub-paragraph (3) shall be undertaken at points corresponding to the intersection of grid lines spaced at 10 metre intervals parallel to the river walls and at 50 metre intervals at right angles to the river Thames.

(5) If during the construction of the specified works, any defects in the river walls deteriorate or scouring or siltation of the foreshore exceeds an average of 150 millimetres from the initial measurements taken on any two adjacent grid lines 50 metres apart, Network Rail shall immediately cease the construction of the specified works and not re-commence the construction otherwise than in accordance with such reasonable requirements as may be specified by the Agency which may include changes to working methods and the completion of mitigation works.

(6) If in the circumstances of any particular case it is reasonable to do so, having regard to the nature of the particular works concerned, the Agency shall at the written request of Network Rail substitute for the distances, periods or intervals specified in this paragraph, such lesser distances and such greater periods and intervals as are appropriate.

58.—(1) Before beginning to construct any specified work, Network Rail shall submit to the Agency plans of the work and such further particulars available to it as the Agency may within 28 days of the submission of the plans reasonably require.

(2) Without prejudice to sub-paragraph (1), Network Rail shall ensure that its contractor will provide the Agency with all reasonable necessary hydraulic information in order to identify and quantify any effects of erosion and deposition on the Thames riverbed and foreshore which are likely to be caused by any such specified work (including the use of barges) and such information shall be accompanied by an appropriate assessment of likely effects (such as any consequential loss of foreshore habitat and impacts on river wall stability) and of any remedial measures which may be reasonably necessary having regard to any such likely effects.

(3) Any such specified work shall not be constructed except in accordance with such plans as may be approved in writing by the Agency, or determined under paragraph 69.

(4) Any approval of the Agency required under this paragraph—

- (a) shall not be unreasonably withheld;
- (b) shall be deemed to have been given if it is neither given nor refused within 2 months of the submission of the plans for approval and, in the case of a refusal, accompanied by a statement of the grounds of refusal; and
- (c) may be given subject to such reasonable requirements as the Agency may make for the protection of any drainage work or the fishery or for the protection of water resources, or for the prevention of flooding or pollution and in the discharge of its environmental and recreational duties.

(5) The Agency shall use its reasonable endeavours to respond to the submission of any plans before the expiration of the period mentioned in sub-paragraph (4)(b).

59. Without prejudice to the generality of paragraph 58, the requirements which the Agency may make under that paragraph include conditions requiring Network Rail at its own expense to construct such protective works, whether temporary or permanent, during the construction of the

specified works (including the provision of flood banks, walls or embankments or other new works and the strengthening, repair or renewal of existing banks, walls or embankments) as are reasonably necessary—

- (a) to safeguard any drainage work against damage, or
- (b) to secure that its efficiency for flood defence purposes is not impaired and that the risk of flooding is not otherwise increased,

by reason of any specified work.

60.—(1) Subject to sub-paragraph (2), any specified work, and all protective works required by the Agency under paragraph 59, shall be constructed—

- (a) within 3 years of the Agency’s approval under paragraph 58 or such longer period as the Agency may consent to at the time of the approval or upon an application by Network Rail thereafter (such consent not to be unreasonably withheld);
- (b) in accordance with the plans approved or deemed to have been approved or settled under this Part of this Schedule; and
- (c) to the reasonable satisfaction of the Agency,

and the Agency shall be entitled by its officer to watch and inspect the construction of such works.

(2) Without prejudice to any reasonable requirements of the Agency under paragraph 59 relating to protective works, if any specified work or protective work is not constructed within the period required under sub-paragraph (1)(a), Network Rail may submit to the Agency new plans of the work for further approval and the provisions of this Part of this Schedule shall apply accordingly.

(3) Network Rail shall give to the Agency not less than 14 days' notice in writing of its intention to commence construction of any specified work and notice in writing of its completion not later than 7 days after the date on which it is brought into use.

(4) If any part of a specified work or any protective work required by the Agency is constructed otherwise than in accordance with the requirements of this Part of this Schedule, the Agency may by notice in writing require Network Rail at Network Rail’s own expense to comply with the requirements of this Part of this Schedule or (if Network Rail so elects and the Agency in writing consents, such consent not to be unreasonably withheld) to remove, alter or pull down the work and, where removal is required, to restore the site to its former condition to such extent and within such limits as the Agency reasonably requires.

(5) Subject to sub-paragraph (6) and paragraph 64, if within a reasonable period, being not less than 28 days from the date when a notice under sub-paragraph (4) is served upon Network Rail, it has failed to begin taking steps to comply with the requirements of the notice and thereafter to make reasonably expeditious progress towards their implementation, the Agency may execute the works specified in the notice and any expenditure incurred by it in so doing shall be recoverable from Network Rail.

(6) In the event of any dispute as to whether sub-paragraph (4) is properly applicable to any work in respect of which notice has been served under that sub-paragraph, or as to the reasonableness of any requirement of such a notice, the Agency shall not except in emergency exercise the powers conferred by sub-paragraph (5) until the dispute has been finally determined.

61.—(1) Subject to the provisions of this Part of this Schedule and except to the extent that the Agency or another person is liable to maintain any such work and is not precluded by the exercise of the powers of the Order from so doing, Network Rail shall from the commencement of the construction of the specified works maintain in good repair and condition and free from obstruction any drainage work which is situated within the limits of deviation or on land held by Network Rail for the purposes of or in connection with the specified works, whether or not the drainage work is constructed under the powers of the Order or is already in existence.

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

(2) If any such drainage work which Network Rail is liable to maintain is not maintained to the reasonable satisfaction of the Agency, the Agency may by notice in writing require Network Rail to repair and restore the work, or any part thereof, or (if Network Rail so elects and the Agency in writing consents, such consent not to be unreasonably withheld), to remove the work and restore the site (including sea defences) to its former condition, to such extent and within such limits as the Agency reasonably requires.

(3) Subject to paragraph 64, if, within a reasonable period being not less than 28 days beginning with the date on which a notice in respect of any work is served under sub-paragraph (2) on Network Rail, Network Rail has failed to begin taking steps to comply with the reasonable requirements of the notice and has not thereafter made reasonably expeditious progress towards their implementation, the Agency may do what is necessary for such compliance and may recover any expenditure reasonably incurred by it in so doing from Network Rail.

(4) In the event of any dispute as to the reasonableness of any requirement of a notice served under sub-paragraph (2), the Agency shall not except in a case of emergency exercise the powers of sub-paragraph (3) until the dispute has been finally determined.

62. Subject to paragraph 64, if by reason of the construction of any specified work or of the failure of any such work the efficiency of any drainage work for flood defence purposes is impaired, or that work is otherwise damaged, such impairment or damage shall be made good by Network Rail to the reasonable satisfaction of the Agency and if Network Rail fails to do so, the Agency may make good the same and recover from Network Rail the expense reasonably incurred by it in so doing.

63.—(1) Network Rail shall take all such measures as may be reasonably practicable to prevent any interruption of the free passage of fish in the fishery during the construction of any specified work.

(2) If by reason of—

- (a) the construction of any specified work, or
- (b) the failure of any such work,

damage to the fishery is caused, or the Agency has reason to expect that such damage may be caused, the Agency may serve notice on Network Rail requiring it to take such steps as may be reasonably practicable to make good the damage, or, as the case may be, to protect the fishery against such damage.

(3) Subject to paragraph 64, if within such time as may be reasonably practicable for that purpose after the receipt of written notice from the Agency of any damage or expected damage to a fishery, Network Rail fails to take such steps as are described in sub-paragraph (2), the Agency may take those steps and may recover from Network Rail the expense reasonably incurred by it in doing so.

(4) Subject to paragraph 64, in any case where immediate action by the Agency is reasonably required in order to secure that the risk of damage to the fishery is avoided or reduced, the Agency may take such steps as are reasonable for the purpose, and may recover from Network Rail the reasonable cost of so doing provided that notice specifying those steps is served on Network Rail as soon as reasonably practicable after the Agency has taken, or commenced to take, the steps specified in the notice.

64. Nothing in paragraphs 60(5), 61(3), 62, 63(3) and (4) shall authorise the Agency to execute works on or affecting an operational railway forming part of Network Rail's network without the prior consent in writing of Network Rail such consent not to be unreasonably withheld.

65. Network Rail shall indemnify the Agency in respect of all costs, charges and expenses which the Agency may reasonably incur or have to pay or which it may sustain—

- (a) in the examination or approval of plans under this Part of this Schedule;

- (b) in the inspection of the construction of the specified works or any protective works required by the Agency under this Part of this Schedule.

66.—(1) Without prejudice to the other provisions of this Part of this Schedule, Network Rail shall indemnify the Agency from all claims, demands, proceedings, costs, damages or expenses or loss, which may be made or taken against, or recovered from or incurred by the Agency by reason of—

- (a) any damage to any drainage work so as to impair its efficiency for the purposes of flood defence,
- (b) any damage to the fishery,
- (c) any raising or lowering of the water table in land adjoining the authorised works or any sewers, drains and watercourses,
- (d) any flooding or increased flooding of any such lands, or
- (e) inadequate water quality in any watercourse or other surface waters or in any groundwater,

which is caused by the construction of any of the specified works or any act or omission of Network Rail, its contractors, agents or employees whilst engaged upon the work.

(2) The Agency shall give to Network Rail reasonable notice of any such claim or demand and no settlement or compromise thereof shall be made without the agreement of Network Rail which agreement shall not be unreasonably withheld.

67. The fact that any work or thing has been executed or done by Network Rail in accordance with a plan approved or deemed to be approved by the Agency, or to its satisfaction, or in accordance with any directions or award of an arbitrator, shall not relieve Network Rail from any liability under the provisions of this Part of this Schedule.

68. For the purposes of section 5 of the Metropolis Management (Thames River Prevention of Floods) Amendment Act 1879(1) and Chapter 2 of Part 2 of the Water Resources Act 1991(2) (abstraction and impounding of water) and section 109 of that Act (as to structures in, over or under watercourses) as applying to the construction of any specified work, any consent or approval given or deemed to be given by the Agency under this Part of this Schedule with respect to such construction shall be deemed also to constitute a licence under that Chapter to obstruct or impede the flow of inland waters at that point by means of impounding works or, as the case may be, a consent or approval under section 109.

69. Any dispute arising between Network Rail and the Agency under this Part of this Schedule shall, if the parties agree, be determined by arbitration under article 51 (arbitration), but shall otherwise be determined by the Secretary of State for Environment, Food and Rural Affairs and the Secretary of State for Transport acting jointly on a reference to them by Network Rail or the Agency, after notice in writing by one to the other.

(1) 1879 c.cxcviii.

(2) 1991 c. 57.