



Preliminary Environmental Information Report

Volume 4 Appendix 18.2

Sensitivity Rating for Water Receptors

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Table 1: Water Receptors Sensitivity Scores by feature

Receptors	Type of Receptor	Hydromorphology	Surface water dependent biodiversity	Water quality	Water supply	Recreation	Water quality, levels / supply, and support to groundwater dependant biodiversity
Datchet Common Brook	Surface Water	High	Moderate	Very High	Moderate	Low	N/A
Mildridge Green Drain	Surface Water	Moderate	Moderate	Low	Moderate	Low	N/A
Colne Brook	Surface Water	High	Very High	High	Moderate	Low	N/A
Wraysbury Stream	Surface Water	Moderate	Moderate	Low	High	Low	N/A
New Cut	Surface Water	Low	Moderate	Low	High	Low	N/A
Horton Brook	Surface water	Very High	Moderate	Very High	Moderate	Low	N/A
Foot Drain	Surface water	Low	Moderate	Low	Moderate	Low	N/A
County Ditch	Surface water	Moderate	Moderate	Low	High	High	N/A
Bonehead Ditch	Surface water	High	Very High	Low	Moderate	Low	N/A

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Receptors	Type of Receptor	Hydromorphology	Surface water dependent biodiversity	Water quality	Water supply	Recreation	Water quality, levels / supply, and support to groundwater dependant biodiversity
River Thames - Cookham to Egham	Surface water	Low	Moderate	High	High	High	N/A
River Colne	Surface water	Moderate	Very High	High	Moderate	Low	N/A
Wraysbury River	Surface water	Moderate	Very High	High	Moderate	Low	N/A
Mead Lake Ditch	Surface water	Moderate	Moderate	High	Moderate	Low	N/A
The Moat	Surface water	Moderate	Very High	High	Moderate	Low	N/A
Chertsey Bourne	Surface water	Moderate	Very High	High	Moderate	High	N/A
Abbey River	Surface water	Moderate	Moderate	Moderate	High	High	N/A
Burway Ditch	Surface water	Moderate	Moderate	Low	High	Low	N/A
Sweep's Ditch	Surface water	Low	Moderate	Low	High	Low	N/A
Addlestone Bourne	Surface water	High	Moderate	High	Moderate	High	N/A
Pool End Ditch	Surface water	Moderate	Moderate	Moderate	High	Low	N/A

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Receptors	Type of Receptor	Hydromorphology	Surface water dependent biodiversity	Water quality	Water supply	Recreation	Water quality, levels / supply, and support to groundwater dependant biodiversity
Engine River	Surface water	Moderate	Moderate	Moderate	High	Low	N/A
The Chap	Surface water	Low	Moderate	Low	High	High	N/A
River Wey	Surface water	High	Moderate	High	High	High	N/A
River Thames - Egham to Teddington	Surface water	Moderate	High	High	Very High	High	N/A
River Ash	Surface water	High	Very High	High	Moderate	High	N/A
The Mole	Surface water	High	Moderate	High	Moderate	High	N/A
Portlane Brook	Surface water	High	Very High	High	Moderate	Low	N/A
Longford River	Surface water	Low	Very High	Very High	High	Low	N/A
Rythe	Surface water	High	Moderate	High	Moderate	Low	N/A
Hogsmill	Surface water	High	Moderate	Very High	Moderate	Low	N/A
(unnamed) ordinary watercourses and land	Surface water	Low	Moderate	Low	Moderate	Low	N/A

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Receptors	Type of Receptor	Hydromorphology	Surface water dependent biodiversity	Water quality	Water supply	Recreation	Water quality, levels / supply, and support to groundwater dependant biodiversity
drains that feed into the watercourses listed above							
Thames Upper	Surface water	Moderate	Very high	High	N/A	High	N/A
Thames Middle	Surface water	Moderate	Very high	High	N/A	High	N/A
Datchet 1	Still waters	Very High	Moderate	Moderate	Moderate	High	N/A
Datchet 2	Still waters	Very High	Moderate	Moderate	High	High	N/A
Datchet 3N	Still waters	Very High	Very High	Moderate	Moderate	Very High	N/A
Datchet 3S	Still waters	Very High	Very High	Moderate	High	Very High	N/A
Sunnymeads Lakes 1 – 4	Still waters	Very High	Very High	Moderate	Moderate	Low	N/A
Sunnymeads Lakes 5	Still waters	Very High	Moderate	Moderate	Moderate	Low	N/A
Sunnymeads Lakes 6	Still waters	Very High	Moderate	Moderate	Moderate	Low	N/A
Kingsmead Island Lake	Still waters	Very High	Very High	Moderate	Moderate	High	N/A

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Kingsmead 1 (S and N)	Still waters	Very High	Very High	Moderate	Moderate	High	N/A
Horton Lakes 1	Still waters	Very High	Moderate	Moderate	Moderate	High	N/A
Horton Lakes 2	Still waters	Very High	Very High	Moderate	Moderate	Low	N/A
Horton Lakes 4	Still waters	Very High	Moderate	Moderate	Moderate	Low	N/A
Church Lake	Still waters	Very High	Very High	Moderate	Moderate	High	N/A
Crayfish Pool	Still waters	Very High	Moderate	Moderate	Moderate	High	N/A
Douglas Lane	Still waters	Very High	Moderate	Moderate	Moderate	High	N/A
Blenheim Lake	Still waters	Very High	Moderate	Moderate	Moderate	High	N/A
Heron Lake	Still waters	Very High	Moderate	Very High	High	High	N/A
The Queen Mother Reservoir	Still waters	Very High	Moderate	Very High	High	High	N/A
Queensmead	Still waters	Very High	Moderate	Very High	High	High	N/A

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Wraysbury Lake	Still waters	Very High	Very High	Very High	High	High	N/A
Wraysbury 1	Still waters	Very High	Very High	Very High	High	High	N/A
Wraysbury 2	Still waters	Very High	Very High	Very High	Moderate	High	N/A
Wraysbury Reservoir	Still waters	Very High	Very High	Very High	High	Low	N/A
Lower Hythe Gravel Pit 1	Still waters	Very High	Moderate	Moderate	Moderate	Very High	N/A
Lower Hythe Gravel Pit 2	Still waters	Very High	Moderate	Moderate	Moderate	Very High	N/A
Lower Hythe Gravel Pit 3	Still waters	Very High	Very High	Moderate	Moderate	High	N/A
Lower Hythe Gravel Pit 4	Still waters	Very High	Moderate	Moderate	Moderate	Very High	N/A
Lower Hythe Gravel Pit 5	Still waters	Very High	Moderate	Moderate	Moderate	High	N/A
Hythe End East	Still waters	Very High	Very High	Moderate	High	High	N/A
Hythe End Central	Still waters	Very High	Very High	Moderate	High	High	N/A
Hythe End West	Still waters	Very High	Very High	Moderate	Moderate	High	N/A

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The Moor Gravel Pit	Still waters	Very High	Moderate	Moderate	High	Very High	N/A
Church Lammas Lake	Still waters	Very High	Moderate	Moderate	High	High	N/A
King George VI Reservoir	Still waters	Very High	Very High	Very High	High	Low	N/A
Staines Reservoir North	Still waters	Very High	Very High	Very High	High	Low	N/A
Staines Reservoir South	Still waters	Very High	Very High	Very High	High	Low	N/A
Egham Hythe Pond	Still waters	Very High	Moderate	Moderate	Moderate	Very High	N/A
Meadlake	Still waters	Very High	Moderate	Moderate	Moderate	Low	N/A
Lake South of Green Lane	Still waters	Very High	Very High	Moderate	Moderate	Low	N/A
Lake South of Norlands Lane 1	Still waters	Very High	Moderate	Moderate	Moderate	Low	N/A

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Receptors	Type of Receptor	Hydromorphology	Surface water dependent biodiversity	Water quality	Water supply	Recreation	Water quality, levels / supply, and support to groundwater dependant biodiversity
Lakes West of Thorpe Lea Road (N and S)	Still waters	Very High	Moderate	Moderate	Moderate	High	N/A
Thorpe Park Lakes: Fleet Lake, Manor Lake, Abbey Lake, St Ann's Lake	Still waters	Very High	Very High	Very High	Moderate	High	N/A
Abbey 1	Still waters	Very High	Very High	Moderate	High	Very High	N/A
Abbey 2	Still waters	Very High	Moderate	Moderate	High	Very High	N/A
Penton Hook Marina	Still waters	Very High	Moderate	Moderate	High	Very High	N/A
Twynersh Lakes	Still waters	Very High	Very High	Moderate	Moderate	High	N/A
Reservoir at Chertsey Water Works	Still waters	Very High	Moderate	Moderate	Moderate	Low	N/A
Littleton North	Still waters	High	Moderate	Moderate	High	High	N/A
Littleton South	Still waters	Very High	Very High	Moderate	High	High	N/A

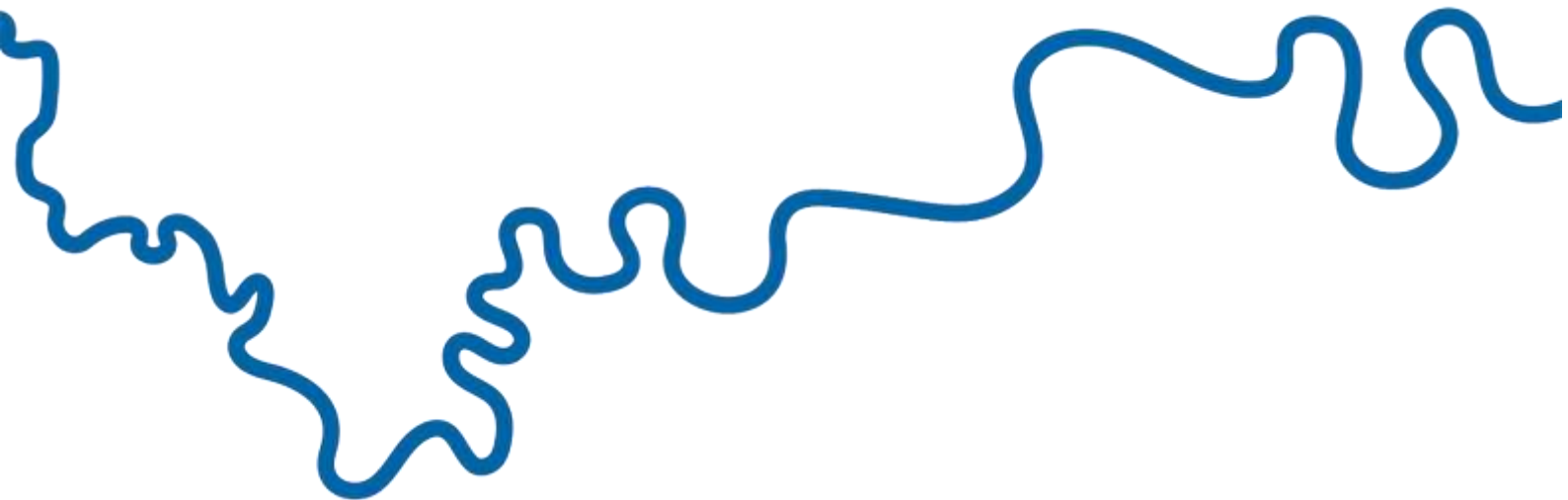
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Littleton East	Still waters	Very High	Very High	Moderate	High	Very High	N/A
Sheepwalk East (F);	Still waters	Very High	Very High	Moderate	High	High	N/A
Sheepwalk West 1	Still waters	High	Very High	Moderate	High	High	N/A
Sheepwalk West 2	Still waters	High	Very High	Moderate	High	High	N/A
Sheepwalk West 3	Still waters	High	Very High	Moderate	High	High	N/A
Old Littleton Lane Lake	Still waters	Very High	Moderate	Moderate	High	Low	N/A
River Croft Lake	Still waters	Very High	Moderate	Moderate	High	Low	N/A
Black Ditch Pond	Still waters	Very High	Very High	Moderate	High	Low	N/A
Manor Farm Lake	Still waters	Very High	Moderate	Moderate	High	Low	N/A
Halliford Mere	Still waters	Very High	Very High	Moderate	High	High	N/A
Ferry Lane Lake 1	Still waters	Very High	Moderate	Moderate	High	Low	N/A
Ferry Lane Lake 2	Still waters	Very High	Moderate	Moderate	High	Low	N/A

Receptors	Type of Receptor	Hydromorphology	Surface water dependent biodiversity	Water quality	Water supply	Recreation	Water quality, levels / supply, and support to groundwater dependant biodiversity
Ferry Lane Lake 3	Still waters	Very High	Moderate	Moderate	High	Low	N/A
Ferry Lane Lake	Still waters	High	Very High	Moderate	High	High	N/A
Kempton Park East Reservoir	Still waters	Very High	Very High	Very High	Moderate	Low	N/A
Queen Mary Reservoir (supplied by the Laleham Intake)	Still waters	Very High	Moderate	Very High	High	High	N/A
Lockwood Reservoir (supplied by the Thames Lee Tunnel)	Still waters	Very High	Moderate	Moderate	Moderate	Low	N/A
Banbury Reservoir (supplied by the Thames Lee Tunnel)	Still waters	Very High	Moderate	Moderate	Moderate	Low	N/A
Molesey Reservoirs	Still waters	Very High	Moderate	Moderate	High	Low	N/A

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Queen Elizabeth 2 Storage Reservoir	Still waters	Very High	Moderate	Very High	High	Low	N/A
Knight Reservoir	Still waters	Very High	Very High	Very High	High	Low	N/A
Bessborough Reservoir	Still waters	Very High	Very High	Very High	High	Low	N/A
Island Barn Reservoir	Still waters	Very High	Moderate	Very High	High	High	N/A
Lower Thames Gravel Aquifer	Groundwater	N/A	N/A	High	High	High	Very High
Cobham and Bagshot	Groundwater	N/A	N/A	Very High	Very High	Very High	Very High



The River Thames Scheme represents a new landscape-based approach to creating healthier, more resilient and more sustainable communities by reducing the risk of flooding and creating high quality natural environments.