

## 11 Glossary

BGS	British Geological Survey
BH	Borehole
Cess	An area at the side of the track, outside the sleeper ends
Cill level	The level of the bottom of a doorway or top of a retaining wall (the level at which flood water could enter)
CIRIA	Construction Industry Research and Information Association
CTRL	Channel Tunnel Rail Link
DDA	Disability Discrimination Act
DEFRA	Department for Environmental Food and Rural Affairs
DLR	Docklands Light Railway
EA	Environment Agency
EIA	Environmental Impact Assessment
EIP	Emergency Intervention Point
ELRED	East London Resource Development Abstraction: a scheme by Thames Water to use water from previously untapped sources to meet the water needs of East London.
EMP	Environmental Management Plan
ES	Environmental Statement
EWS	English, Welsh and Scottish Railway Ltd
FEH	Flood Estimation Handbook
FSR	Flood Studies Report
GARDIT	General Aquifer Research, Development and Investigation Team
GEML	Great Eastern Main Line
GQA	General Quality Assessment: the EA's national method for classifying water quality in rivers and canals. The water quality is assessed using four separate categories: chemistry, biology, nutrients, and aesthetics.
GW	Groundwater

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GWF	Groundwater Flow
GWL	Groundwater Level
GWQ	Groundwater Quality
GWML	Great Western Main Line
HBDR	Hybrid Bill Design Report
HEX	Heathrow Express
HU	High leaching potential
IDB	Internal Drainage Board: a board established and administered in areas where a special need for drainage works is beneficial to local communities
JLE	Jubilee Line Extension
LBGM	London Basin Groundwater Model
LGS	Lower Greensand
LLAU	Limits of Land to be Acquired or Used
LUL	London Underground Limited
Main rivers	Designated by DEFRA and are the responsibility of the Environment Agency
mAOD	Metres above Ordnance Datum
mATD	Metres above Tunnel Datum (0 mAOD = 100 mATD)
mBGL	Metres below Ground Level
MIP	Manual Intervention Point
MM	Mott MacDonald
NGR	National Grid Reference e.g. the NGR for 562230 Easting and 173450 Northing is TQ62237345
NKL	North Kent Line
NLARS	North London Artificial Recharge Scheme
NLL	North London Line
NNR	National Nature Reserve
NRFA	National River Flow Archive
NWTE	Not Worse Than Existing

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ODPM Office of the Deputy Prime Minister

OHLE Overhead Line Electrification

#### Ordinary Watercourse

Every river, stream, ditch, cut, dyke, sluice, sewer (other than public sewer) and passage through which water flows which does not form part of a main river. The local authority, and, where relevant, IDBs have similar permissive powers as the EA has on main rivers.

OSD Oversight development

PPG25 Pollution Prevention Guidelines Nr 25

PWS BH Public Water Supply Borehole

Ramsar A wetland site of international importance under the 1971 Ramsar Convention

RQO River Quality Objective: the EA's target for water quality in rivers. RQOs are mainly used to set conditions in all the licences granted to industry and commerce for discharges of water into rivers.

SAC Special Area of Conservation

SCL Sprayed concrete linings

SI Site Investigation

SPA Special Protection Area

SPZ Source Protection Zone (as published by the Environment Agency)

- Inner source protection zone: 50 days travel time area from any point below the water table to the well. The zone has a minimum radius of 50 m.
- Outer Source Protection Zone: The 400 days travel time area from any point below the water table to the well, or the minimum recharge area required to support 25% of the protected yield, whichever is the larger.

SSSI Site of Special Scientific Interest

SUDS Sustainable Urban Drainage Strategy

SWF Surface Water Flow

SWL Surface Water Level

SWQ Surface Water Quality

TBFRW Thames Barrier Flood Retention Wall

TBM Tunnel Boring Machine

TPH	Total Petroleum Hydrocarbons, the sum of Aromatics and Aliphatics
TTZ	Time of Travel Zone: A zone calculated by Mott MacDonald using the Environment Agency methodology where possible. This is used for assessment purposes where an SPZ around an abstraction has not been defined by the Environment Agency.
TW	Thames Water
UXO	Unexploded Ordnances
WQA	Water Quality Assurance
WWV	Wickham Valley Watercourse

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