

Appendix A Data Review

Table A1 identifies the review score information (as provided by Drain London Tier 1 consultant) for Table A2.

Table A – 1. Review Score Criteria

Data Quality Score	Description	Explanations	Example
1	Best possible	No better available; not possible to improve in the near future	High resolution LiDAR, River/sewer flow data, Rain gauge data
2	Data with known deficiencies	Best replaced as soon as new data are available	Typical sewer or river model that is a few years old
3	Gross assumptions	Not invented but based on experience and judgement	Location, extent and depth of much surface water flooding. Operation of un-modelled highway drainage 'future risk' inputs e.g. rainfall, population
4	Heroic assumptions	An educated guess	Ground roughness for 2D models
N/A			

Table A – 2. Data Review

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
Environment Agency	Defence_OCG4 &5.zip	PROTECT- COMMERCIAL. Location of Thames Tidal defences with condition grade 4 or 5 (shapefile)	Extract from NFCDD	2	Tidal Defences
Environment Agency	FailingAssets.zip	PROTECT COMMERCIAL. Thames Tidal defences with condition grade 4 or 5 (report from NFCDD)	Extract from NFCDD	2	Tidal Defences
Environment Agency	System Asset Management Plan Summary Reports.zip	PROTECT COMMERCIAL. System Asset Management Plan Summary Reports for South London, containing strategic drivers, major assets, failing assets and planned interventions.	Extract from NFCDD	2	Asset Management
Environment Agency	FRM_Systems_NE.zip	PROTECT COMMERCIAL. System Asset Management Plan Summary Reports for North London, containing strategic drivers, major assets, failing assets and planned interventions.	Extract from NFCDD	2	Asset Management
Environment Agency	FRM_Systems_SE.zip	System Asset Management Plan Shapefile showing location of systems in London.	No known limitations	2	Asset Management

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
Environment Agency	Maintenance programmes for 2009-10.zip	Environment Agency maintenance programmes for 2009-2010 for London.	No known limitations	2	Maintenance
Environment Agency	Routine_maintenance_2010_2011_Web_version_June.xls	Environment Agency routine maintenance activities 2010-2010 for London.	No known limitations	2	Maintenance
Environment Agency	Other_Maintenance_activities_2010-11.xls	Environment Agency other (non-routine) maintenance activities 2010-2011 for London.	No known limitations	2	Maintenance
Environment Agency	catchment_50k.zip	Catchment area shapefile for Thames Region, attributed with catchment names and codes.			Catchment Area
Environment Agency	TE2100_Product_Catalogue_V1_090924.xls	Excel spreadsheet of reports and data produced by Thames Estuary 2100 project. Not all reports and data are available for supply. Please get in touch with Tom Sampson at EA to enquire about reports or data which are relevant to Surface Water Management Plans in London.	Catalogue of reports provided. Not all reports and data are available for supply. Please get in touch with Tom Sampson at EA to enquire about reports or data which are relevant to Surface Water Management Plans in London.		Thames Estuary
Environment Agency	London_Discharges_04-10.xls	All discharge consents in London with grid reference.	No known limitations. Grid reference provided but not mapped.		Discharges
Environment Agency	LONDON_GQA_04-10.xls	2008 general quality assessments in London (not georeferenced)	File not georeferenced.	2	Water Quality
Environment Agency	London_WFD_Status&Targets_04-10.xls	Water Framework Directive water quality status and targets (not spatially referenced)	File incomplete. Should refer to Environment Agency website for up-to-date information.	3	Water Quality
Environment Agency	North_London_Fisheries_Reports.zip	North London fisheries reports or studies	Nonly covers North London. No information provided for South London.	2	Water Quality
Environment Agency	Thames_CFMP_July_2008.zip	Thames Catchment Flood Management Plan (July 2008)	No known limitations.	2	Flood Management
Environment Agency	Thames_CFMP_Summary_Report_December_2009.pdf	Thames Catchment Flood Management Plan Summary Report (December 2009)	No known limitations.	2	Flood Management
Environment Agency	Thames_Region_CAMS.zip	Thames Region Catchment Abstraction Management Strategies	No known limitations.	2	Abstraction

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
Environment Agency	Thames_River_Basin_Management_Plan_2009.zip	Thames River Basin Management Plan (December 2009)	No known limitations.	2	Water Quality
Environment Agency	flood_event_outline_10k_London.zip	Flood Event Outlines in London extracted from NFCDD. Only attribute fields approved for access have been supplied. Attributes: shapefile name - official NFCDD name (explanation) FLOODEVENT - Flood Event Code (unique code for flood event) FLOODEVE0 - Outline Code (unique code for each outline) FLOODEVE1 - Flood Event Name STARTDATE - Start Date ENDDATE - End Date SOURCEOFBO - Source of boundary (source of data) SOURCEOFFL - Source of flooding (e.g. main river) CAUSEOFFLO - Cause of flooding (e.g. overtopping of defences) FLIVIALFLA - Fluvial Ind (true/false if fluvial) TIDALFLAG - Tidal Ind (true/false if tidal) COASTALFLA - Coastal Ind (true/false if coastal) FLOODMAPIN - HFM Ind (flag indicating if outline is included on historic flood map)	No known limitations.	2	Historic Flooding
Environment Agency	Historic Flood Map OI193911.zip	Supplied through Geostore. Historic Flood Map Events is the maximum extent of all recorded individual Historic Flood Events Outlines from river, the sea and groundwater springs and shows areas of land that have previously been subject to flooding in England & Wales. The data is updated every three months, but may not change quarter to quarter if there have been no significant flood events in the preceding period. The dataset consists of spatial data only. Please note that this map shows flooding to the land and does not necessarily indicate that properties within the Historic Flood Map were flooded internally. It is also possible that the pattern of flooding in this area has changed and that this area would now flood under different circumstances. In addition, absence of coverage by the Historic Flood Map for an area does not mean that the area has never flooded, only that we do not currently have records of flooding in this area.	No known limitations.	2	Historic Flooding

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
Environment Agency	Flood Map OI193910.zip	<p>Supplied through Geostore.</p> <p>The Flood Map shows the areas across England and Wales that could be affected by flooding from rivers or the sea. It also shows flood defences and the areas that benefit from them. Flood Map is designed to raise awareness among the public, local authorities and other organisations of the likelihood of flooding, and to encourage people living and working in areas prone to flooding to find out more and take appropriate action.</p> <p>The Flood Map includes the following layers of information:</p> <p>Flood Zone 3 is the Agency's best estimate of the areas of land with a 100 to 1 (or greater) chance of flooding each year from rivers, or with a 200 to 1 chance (or greater) of flooding each year from the sea.</p> <p>Flood Zone 2 is the Agency's best estimate of the areas of land between Zone 3 and the extent of the flood from rivers or the sea with a 1000 to 1 chance of flooding in any year. It includes those areas defined in flood zone 3.</p> <p>Flood Defences shows those defences constructed during the last five years with a standard of protection equal to or better than 1 percent for rivers and 0.5 percent from the sea. (Some additional defences area also shown.)</p> <p>Areas Benefiting from Flood Defences shows those areas that would benefit from the presence of defences in a 1 percent fluvial / 0.5 percent tidal flood event.</p> <p>Flood Storage Areas shows those areas that act as a balancing reservoir, storage basin or balancing pond. Their purpose is to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel. It may also delay the timing of a flood peak so that its volume is discharged over a longer time interval.</p>	No known limitations.	2	Flood Management and Planning
Environment Agency	Main River 10k OI183819.zip	<p>Supplied through geostore.</p> <p>Main river centrelines showing which river sections are classified as main as approved by the Secretary of State.</p>	No known limitations.	2	Flood Management and Planning
Environment Agency	Areas Susceptible to Surface Water Flooding OI170589.zip	<p>Supplied through geostore. Flood data for areas naturally vulnerable to surface water flooding from a 1 in 200 year return period, 6.25 hour duration rainfall event over a 5 x 5km area.</p>	No known limitations.	2	Flood Management and Planning
Environment Agency	Detailed River Network OI183820.zip	<p>Supplied through geostore.</p> <p>The Detailed River Network (DRN) is the only large-scale, accurate and fully attributed digital river centreline covering England and Wales.</p> <p>The DRN is captured from the water features theme of the OS MasterMap topographic layer and built into a network using automated rules. Other input datasets and extensive local Environment Agency staff knowledge has been used to augment the core geometry to incorporate critical spatial detail and attribution, such as flow direction and path, not available from the OS mapping and to verify the accuracy of the centreline itself.</p> <p>The dataset has full-feature network geometry cross-referenced with OS MasterMap following Digital National Framework principles.</p>	No known limitations.	2	Flood Management and Planning

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
Environment Agency	NaFRA2008.zip	Supplied through geostore. NaFRA 2006 Spatial Flood Likelihood Category (FLC) Grid (version 8.2) is the latest output using the Risk Assessment for flood and coastal defence for Strategic Planning (RASP) High Level Method Plus (HLM+). It is a broad-brush assessment of the likelihood of flooding at a national scale, based on assessments undertaken for 85 river catchments and coastal cells, where a cell is an area of land measuring 50m by 50m. NaFRA 2008 Spatial (FLC) Grid enables a comparison of the relative risks and their distribution within each of these catchments, rather than a detailed, local assessment of the risk at a specific location. The calculations provide an indication of the likelihood of flooding at the centre of each cell. These results are then placed into three risk categories as used by the insurance industry. The three risk categories are: - low - the chance of flooding each year is 0.5 per cent (1 in 200) or less - moderate - the chance of flooding in any year is 1.3 per cent (1 in 75) or less but greater than 0.5 per cent (1 in 200) - significant - the chance of flooding in any year is greater than 1.3 per cent (1 in 75)	No known limitations.	2	Flood Management and Planning
Environment Agency	Readme.txt	Information related to downloaded Geostore data and licence issues. Environment Agency data supplied to Scott Wilson for use on behalf of the Greater London Authority, 7th May 2010 and 13th July 2010.	No known limitations. Only pertains to licensing/downloaded data.	1	Flood Management and Planning
Environment Agency	Model coverage_SE Thames_2010_28Apr10.zip	Shapefile of model availability in the Environment Agency, Thames South East Area.	No known limitations.	2	Flood Management and Planning
Environment Agency	Detailed Mapping Progress_Apr10.xls	Spreadsheet of detailed mapping progress and planned updates in Thames South East Area	No known limitations.	2	Flood Management and Planning
Environment Agency	Beverley Brook Product 5 Model Report.zip	Fluvial flood model. Beverley Brook Product 5 - model reports. Final Report_Beverley Brook_09 06 09	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Beverley Brook Product 6 Model Output Data.zip	Fluvial flood model. Beverley Brook Product 6 - model output data. Contains: ISIS & Tuflow results files, flood extents and report with model outputs.	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Beverley Brook Product 7 CaVMID.zip	Fluvial flood model. Beverley Brook Product 7 - CaVMID (Calibrated & Verified Model Input Data). Contains ISIS-Tuflow model input files including hydrological inflows.	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Hogsmill IUD Product 5 Model Report.zip	Surface water modelling and planning. Hogsmill IUD Product 5 - model reports. Includes: Hogsmill Pilot IUD - Final Report_Vol 1_170608, Hogsmill IUD Pilot Vol 2_170608, Hogsmill IUD Final_Vo1 3, Hogsmill IUD Exe Summary_18.06.08	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
Environment Agency	Hogsmill IUD Product 7 CaVMID.zip	Surface water Infoworks model files. Hogsmill IUD Product 7 - CaVMID (Calibrated & Verified Model Input Data). Contains: Hogsmill Final 2D Models Infoworks	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Hogsmill Phase 1 2003 Product 5 Reports.zip	Fluvial flood model. Hogsmill Phase 1 Product 5 - model reports. Final Hydrology Report, Final Hydraulic report	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Hogsmill Phase 1 2003 Product 6 Model Outputs.zip	Fluvial flood model. Hogsmill Phase 1 Product 6 - model output data. Contains: flood outlines, ISIS results, Flow & level spreadsheet, ArcGIS shapefiles	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Hogsmill Phase 1 2003 Product 7 CaVMID.zip	Fluvial flood model. Hogsmill Phase 1 Product 7 - CaVMID (Calibrated & Verified Model Input Data). Contains ISIS model input files including hydrological inflows.	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Hogsmill Phase 2 Product 5 Reports.zip	Fluvial flood model. Hogsmill Phase 2 Product 5 - model reports. TH662_Hogsmill_Hydraulic_Report	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Hogsmill Phase 2 Product 6 Model outputs.zip	Fluvial flood model. Hogsmill Phase 2 Product 6 - model output data. Contains: flood outlines, ISIS & tuflow results, Flow & level spreadsheet, ArcGIS shapefiles	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Hogsmill Phase 2 Product 7 CaVMID.zip	Fluvial flood model. Hogsmill Phase 2 Product 7 - CaVMID (Calibrated & Verified Model Input Data). Contains ISIS-Tuflow model input files including hydrological inflows.	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Ravensbourne Product 5 Reports.zip	Fluvial flood model. Ravensbourne 2009 Product 5 - model reports. Contains: Ravensbourne Model Review, Response to Ravensbourne Model Review, Ravensbourne Culvert Survey Report, Ravensbourne 2D Modelling 2009, Ravensbourne Hazard Mapping Report.	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Ravensbourne Product 6 Model Outputs.zip	Fluvial flood model. Ravensbourne 2009 Product 6 - model output data. Contains: flood outlines, ISIS & tuflow results, Flow & level spreadsheet, ArcGIS shapefiles, Hazard maps,	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Ravensbourne Product 7 CaVMID.zip	Fluvial flood model. Ravensbourne 2009 Product 7 - CaVMID (Calibrated & Verified Model Input Data). Contains ISIS-Tuflow model input files including hydrological inflows.	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Ravensbourne Delivery Plan Product 5 reports.zip	Surface water flood model. Ravensbourne Delivery Plan (2009). Product 5 - reports. Contains: Ravensbourne Delivery Plan April 2009 V13, Ravensbourne Delivery Plan Maps April 2009.	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
Environment Agency	Ravensbourne Delivery Plan Product 6 Model Outputs.zip	Surface water flood model. Ravensbourne Delivery Plan (2009). Product 6 - model outputs . Contains: tuflow output files	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Beam,Ingrebourne and Marshes East Model 2006.zip	Beam, Ingrebourne & Marshes East Model (Jacobs, 2006) GIS - Modelled outlines, nodes, reservoir units Model - .dat files, .ixy Reports + appendices	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Beam,Ingrebourne and Marshes West Model 2006.zip	Beam, Ingrebourne & Marshes West Model (Halcrow, 2006) GIS - Modelled outlines, nodes, reservoir units Model - .ief files, .gxy Reports + appendices	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	River Brent Modelling and Mapping Study 2009.zip	River Brent Modelling & Mapping Study (Jacobs, 2009) GIS - modelled outlines, nodes Model - .ied files, .gxy Reports + appendices	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	River Crane Modelling and Mapping Study 2008.zip	Provided in: North London Flood Model Products 5, 6 & 7 River Crane Modelling & Mapping Study (Halcrow, 2008) GIS - modelled outlines, nodes Reports + appendices	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Lower Colne Improvement Scheme Modelling 2004.zip	Lower Colne Improvement Scheme Modelling (PBA, 2004) GIS - modelled outlines, nodes, reservoir units Model - .ied, .dat and .ixy Reports + appendices	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	River Pinn Flood Mapping Study 2008.zip	River Pinn Mapping Study (Mott MacDonald, 2008) GIS - modelled outlines, nodes, ABDs Model - .dat, .feb, .gxy, .ief, .zzd, .zzl Reports + appendices	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Beam,Ingrebourne and Marshes (West) Mayes Brook Model 2006.zip	Beam, Ingrebourne & Marshes (West) - Mayes Brook (Halcrow, 2006) GIS - Modelled outlines, nodes, reservoir units Model - .dat, .ied, .feb, .gxy	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Lower Roding Strategy Modelling 2005.zip	Lower Roding Strategy Model (B&V, 2005) GIS - Modelled outlines, nodes, reservoir units Model - .dat, .ied, .feb, .gxy Reports + appendices	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Middle Roding Section 105 Modelling 2003.zip	Middle Roding Section 105 model (Jacobs, 2003) GIS - Modelled outlines, nodes, reservoir units Model - .dat, .ied, .feb, .gxy Reports + appendices	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
Environment Agency	Newham SFRA.zip	Newham SFRA modelling (Capita Symonds, 2010) Inflows (excel)	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Silk Stream FAS Modelling 2007.zip	Silk Stream FAS modelling (Halcrow, 2007) GIS - Modelled outlines, nodes Model - .dat	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Upper Colne Strategy Modelling 2004.zip	Upper Colne Strategy Modelling (Halcrow, 2004) GIS - Modelled outlines, nodes, reservoir units Model - .dat, .gxy Reports + appendices	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Erith Product 5 Reports.zip	Integrated flood risk model. Erith Marshes Ditches & Dykes study. Product 5 - model reports. Contains: Erith Marshes Ditches and Dykes Study Surface Water Management Final Report, Erith Marshes Ditches and Dykes Hydrology Phase 2	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Erith Product 6&7 Model files.zip	Integrated flood risk model. Erith Marshes Ditches & Dykes study. Product 6&7 - infoworks model files of baseline and scenario tests.	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Thamesmead Product 5 Reports.zip	Integrated flood risk model. Thamesmead canals masterplan evidence base. Product 5 - model reports. Contains: Thamesmead Canal Corridor Enhancement Masterplan, 26621 C025 Thamesmead Canal Corridor DRAFT Model Report v1.0, 26621-C021 - WQ Report Chapter v4 - FINAL DRAFT 9Apr10, 26621-C022 Thamesmead ECOLOGY_12Apr10, 26621-C024 - CL Report Chapter	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Thamesmead Product 6&7 model files.zip	Integrated flood risk model. Thamesmead canals masterplan evidence base. Product 6&7 - infoworks model files of baseline and scenario tests.	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Lee Detailed Model.zip	River Lee detailed model. Contains GIS modelled outlines and nodes	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Wandle Product 5.zip	Fluvial model Wandle Product 5 - model reports	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	Wandle Product 6	Fluvial model Wandle Product 6 - model output data	No known limitations but must be aware input data and modelling assumptions used in generating models.	2	Flood Management and Planning
Environment Agency	NE_Flowdata_A pr10.xls	River flow data from 2004 to 2010 in North London	No known limitations.	2	River Flow

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
Environment Agency	NE_Groundwaterdata_Apr10.xls	Groundwater level data from 2004 to 2010 in North London	No known limitations.	2	Groundwater Level
Environment Agency	NE_Rainfalldata_Apr10.xls	Rainfall data from 2000 to 2010 in North London	No known limitations.	2	Rainfall
Environment Agency	EA_Hydrometric_data_network_London.zip	Shapefile of hydrometric data network in London including river, rain and groundwater monitoring locations.	No known limitations.	2	Monitoring Locations
Environment Agency	SE_Flowdata_May10.xls	River flow data from 2004 to 2010 in South London	No known limitations.	2	River Flow
Environment Agency	SE_Wandle_GW.xls	Groundwater level data from 2004 to 2010 in the Wandle catchment South London	No known limitations.	2	Groundwater Level
Environment Agency	SE_Ravensbourne_GW.xls	Groundwater level data from 2004 to 2010 in the Ravensbourne catchment South London	No known limitations.	2	Groundwater Level
Environment Agency	SE_Hogsmill_GW.xls	Groundwater level data from 2004 to 2010 in the Hogsmill catchment South London	No known limitations.	2	Groundwater Level
Environment Agency	SE_Thamesmead_GW.xls	Groundwater level data from 2004 to 2010 in the Thamesmead catchment South London	No known limitations.	2	Groundwater Level
Environment Agency	SE_Beverley_Brook_GW.xls	Groundwater level data from 2004 to 2010 in the Beverley Brook catchment South London	No known limitations.	2	Groundwater Level
Environment Agency	SE_Rainfall_May10.xls	Rainfall data from 2000 to 2010 in South London	No known limitations.	2	Rainfall
Environment Agency	NE_Thames_Drift_Geology_GW_Vulnerability_map.pdf	North London drift geology groundwater vulnerability map	No known limitations.	2	Groundwater Vulnerability
Environment Agency	NE_Thames_GW_Nitrate_Vulnerability_Map.pdf	North London groundwater nitrate vulnerability map	No known limitations.	2	Groundwater Nitrate Vulnerability
Environment Agency	NE_Thames_Solid_Geology_GW_Vulnerability_map.pdf	North London solid geology groundwater vulnerability map	No known limitations.	2	Groundwater Vulnerability
Environment Agency	LondonRainfall.zip	Rainfall data from all relevant raingauges in London	No known limitations.	1	Rainfall data
Environment Agency	FWAs_NE_March_2010.zip	Flood Warning Areas in North London	No known limitations.	2	Flood Management and Planning
Environment Agency	FWAs_SE_March_2010.zip	Flood Warning Areas in South London	No known limitations.	2	Flood Management and Planning

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
Environment Agency	EAGEOSTORE_OI204652.zip	The National Receptor Dataset (NRD) is a collection of risk receptors primarily intended for use in flood and coastal erosion risk management. It is available for use by Local Planning Authorities, Environment Agency and their contractors. NRD is a spatial dataset which contains a number of GIS layers categorised into themes of information including buildings, environment, heritage, transport, utilities. These are defined in more detail in this document. Coverage is provided for England and Wales (where available) only. The data stored within the NRD meets the information requirements of a range of Flood and Coastal Risk Management (FCRM) practitioners within the Local Planning Authorities and Environment Agency. This first version of the dataset has been designed to meet the needs of Preliminary Flood Risk Assessments and the Environment Agency's National Flood Risk Assessment.	No known limitations.		Flood and Coastal Risk Management, buildings, environment, heritage, transport, utilities
Thames Water	TWL_1A_NoData.txt	This data is not readily available and would be difficult to create. TW would be concerned about how this data could be interpreted if it were created.	N/A	N/A	TW Sewer Network Model
Thames Water	Pipes_33_LA.zip	GIS layer provided on CD. Contains details of the sewer network, both foul and surface water for all 33 London boroughs (location and pipe heights).	Unsure how the network is updated/maintained but this is the best information currently available.	1	TW Sewer Network Model
Thames Water	Pumping_Station_1_33_LA.zip	GIS layer provided on CD. Contains details of the pumping station name, location, area, owner etc	Unsure how the network is updated/maintained but this is the best information currently available.	1	Pumping stations
Thames Water	Pumping_Station_2_33_LA.zip	GIS layer provided on CD. Contains details of the pumping station name, location, area, owner etc	Unsure how the network is updated/maintained but this is the best information currently available.	1	Pumping stations
Thames Water	Manhole_33_LA.zip	GIS layer of manhole locations (xref) purpose, some cover and invert levels where available	Unsure how the network is updated/maintained but this is the best information currently available.	1	manhole locations
Thames Water	CSO_locations_33_LA.zip	GIS layer of CSOs, location, receiving watercourse name, discharge type etc	Unsure how the network is updated/maintained but this is the best information currently available.	1	CSO overflow locations
Thames Water	TWL_1F_NoData.txt	This data is not specifically highlighted but is on the network plans - users will have to manually identify.	N/A	N/A	sewer outfalls
Thames Water	STW_locations_33_LA.zip	GIS layer of Sewage Treatment Work locations.	Best information available.	1	sewerage storage
Thames Water	TWL_1GNoData.txt	This is part of the sewer network GIS. Where storage systems are above ground (legacy systems) they will be visible on maps. Deep tank sewers are not always highlighted but can be identified on the sewer network GIS (user will have to trace along the network to find increases in pipe sizes). Deep shafts are not all mapped.	N/A	N/A	sewerage storage

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
Thames Water	TWL_1H_NoData.txt	These are not separated out on the network - may be able to find them in the sewer network if you know where they are. TW have the responsibility for some watercourses where they should not have as they should be the responsibility of the LA. TW are keen to see as an output of the SWMP, a resolution of assets and culvert ownership.	N/A	N/A	culvert location
Thames Water	TWL_1I_NoData.txt	This data is not readily available as some are mapped and some are not. The network ops team will have this information but there are 3x west teams, 2x central teams and 1x east team.	N/A	N/A	hydrobrake flow control
Thames Water	TWL_1J_NoData.txt	There is no specific information on SUDS schemes within London (there are about 350 SuDS assets across Thames Region that TW have adopted). Where SuDS are located on-line, there is a question over who is responsible for them. On the GIS sewer network a SuDS scheme is identified by a gap in the network - this should be cross referenced with aerial photography and council information. Some SuDS are let to local councils who then are responsible for maintenance.	N/A	N/A	sustainable drainage systems SUDS
Thames Water	TWL_2A_NoData.txt	Not available at this time - TW will supply extracts of the model for specific CDAs if required by consultants as part of the SMWP studies	The infoworks model will be very large to transfer for the whole of London	N/A	TW Sewer Network Model
Thames Water	TWL_2B_NoData.txt	Not available at this time - TW will supply extracts of the model for specific CDAs if required by consultants as part of the SMWP studies	N/A	N/A	TW Sewer Network Model
Thames Water	TWL_2C_NoData.txt	There is a lot of data (boxes of CDs). If CCTV survey is required in specific CDAs - TW will supply if available (the survey supporting reports may be more useful than the actual survey)	N/A	N/A	CCTV survey
Thames Water	TWL_3A_NoData.txt	This information is based on a 4-figure post code. No greater level of detail can be provided as it is protected by the data protection act. The request for this information will have to come from the Las. TW noted that in areas where flooding may be an issue, there could be opportunities for LA to work with TW to reduce the catchment size outfalling to a particular location/problem sewer.	N/A	N/A	DG5 sewer flooding
Thames Water	TWL_3B_NoData.txt	TW were unsure if this would be of any use as would be more important on smaller diameter sewers. TW looking into provision of this data.	N/A	N/A	sewer blockage
Thames Water	TWL_3C_NoData.txt	TW only have reports in delivering solutions in areas where flooding occurs. These reports will hold info about previous flooding at specific areas. TW to look into provision of this data.	N/A	N/A	flood events records
Thames Water	TWL_4A_NoData.txt	These are high level reports which will outline where problem areas are located. They are currently being created as part of the AMP 5/6 process. TW to find out timescales for this, however, it should be noted that the drainage area plans will be made up of the information provided above.	N/A	N/A	Drainage Area Plans
Thames Water	TWL_4B_NoData.txt	All assets should be at the required standard - this data is limited.	N/A	N/A	Drainage asset condition records
Thames Water	TWL_4C_NoData.txt	There is a great deal of data which would take a long time to collate for the whole of london. TW to be contacted directly for specific maintenance records in CDAs if required.	N/A	N/A	Drainage maintenance records
Thames Water	TWL_4D_NoData.txt	see above	N/A	N/A	Infrastructure condition/performance data

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
Thames Water	hogsmill IUD.zip	IUD for Brent and Hogsmill have been downloaded from the internet	These reports were written in 2008, guidance may have been superceded	2	Integrated Urban Drainage studies
Thames Water	TWL_4G_NoData.txt	As part of AMP5 TW are looking at increasing their understanding of the system. As part of AMP6 TW are looking to produce additional detailed network modelling.		N/A	AMP investments linked to surface water
British Waterways	Water Control Manual_London v 1.3.pdf	Water Control Manual for London v1.3	Continually Updated. Next update due November 2010.	1	Canal, Maintenance, Control
British Waterways	BW_Canals_Wihin_London_Boroughs.zip	GIS shapefile of British Waterways Canals in London	GIS layer of British Waterways Canal Network in Greater London administrative area.	1	Canal
British Waterways	Anecdotal Flood Records 20100622.doc	Anecdotal Flooding Records	Summary of anecdotal flood records, or other notable details.	1	Canal flooding, overtopping
British Geological Survey	DiGMapGB-50 V5.18.zip	DiGMapGB-50 V5.18 GIS Layers (1:50k)	Best data available	2	Geology Mapping
British Geological Survey	Parent Materials.zip	Soil Parent Material Model GIS Layer	Best data available	2	Soil
British Geological Survey	Permeability V5.zip	Permeability V5 GIS Layer	Best data available	2	Permeability
British Geological Survey	Susceptibility to Groundwater Flooding.zip	Susceptibility to Groundwater Flooding GIS Layer	Best data available	2	Groundwater Flooding
British Geological Survey	Geological Indicators of Flooding V5.1.zip	Geological indicators of flooding GIS layer	Best data available	2	Groundwater Flooding
Greater London Authority	London_Assembly_constituency.zip	GIS Shapefile of London Assembly Constituency	No known limitations	1	Boundaries
Greater London Authority	London_Boroughs.zip	GIS Shapefile London Boroughs	No known limitations	1	Boundaries
Greater London Authority	London_Boroughs_Excluding_MHW.zip	GIS Shapefile of London Boroughs with River Thames boundary mapped.	No known limitations	1	Boundaries
Greater London Authority	London_GLA_Boundary.zip	GIS Shapefile of London GLA Boundary	No known limitations	1	Boundaries

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
Greater London Authority	London_GLA_Boundary_within_England.zip	GIS Shapefile of London GLA Boundary within England	No known limitations	1	Boundaries
Greater London Authority	London_Inner_Boundary.zip	GIS Shapefile of London Inner Boundary	No known limitations	1	Boundaries
Greater London Authority	london_subregions_2006.zip	GIS Shapefile of London Subregions 2006	No known limitations	1	Boundaries
Greater London Authority	London_Ward.zip	GIS Shapefile of London Ward	No known limitations	1	Boundaries
Greater London Authority	London_Ward_CityMerged.zip	GIS Shapefile of London Ward City Merged	No known limitations	1	Boundaries
Greater London Authority	London_Westminster_Constituency.zip	GIS Shapefile of London Westminster Constituency	No known limitations	1	Boundaries
Greater London Authority	Areas for Regeneration LP 2009.zip	GIS MapInfo file of London Plan 2009 Areas for Regeneration	Based on London Plan 2009.	2	London Plan 2009
Greater London Authority	Areas for Intensification_PointData_LP2009.zip	GIS MapInfo file of London Plan 2009 Areas for Intensification	Based on London Plan 2009.	2	London Plan 2009
Greater London Authority	blueribbon_network.zip	GIS Shapefile of London Plan 2009 Blueribbon Network	Based on London Plan 2009.	2	London Plan 2009
Greater London Authority	CAZ_Boundary_LP2009.zip	GIS MapInfo file of London Plan 2009 Central Activities Zone Boundary	Based on London Plan 2009.	2	London Plan 2009
Greater London Authority	Inner_Outer_London_Boundaries_LP2009.zip	GIS MapInfo file of London Plan 2009 Inner Outer London Boundaries	Based on London Plan 2009.	2	London Plan 2009
Greater London Authority	Opportunity_Area_PointData_LP2009.zip	GIS MapInfo file of London Plan 2009 Opportunity Area	Based on London Plan 2009.	2	London Plan 2009
Greater London Authority	SILs_pointdata_Sep09.zip	GIS MapInfo file of London Plan 2009 Strategic Industrial Locations (September 2009)	Based on London Plan 2009.	2	London Plan 2009
Greater London Authority	Subregions_LP2009.zip	GIS MapInfo file of London Plan 2009 Subregions	Based on London Plan 2009.	2	London Plan 2009
Greater London Authority	mastermap.zip	OS Mastermap Layers in ESRI Shapefile and MapInfo format	No known limitations	1	OS Mapping
Greater London Authority	OS10k.zip	OS 1:10k Layers in ESRI Shapefile and MapInfo format	No known limitations	1	OS Mapping
Greater London Authority	OS50k.zip	OS 1:50k Layers in ESRI Shapefile and MapInfo format	No known limitations	1	OS Mapping
Greater London Authority	VirtualLondonLidar.zip	Virtual London Lidar Imagery in ESRI Shapefile and MapInfo format	Imagery only.	2	Imagery

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
Greater London Authority	GISDataCatalogue.xls	Catalogue of GIS holdings for GLA	No known limitations but will be updated regularly so may need to check for updated version	2	Data Catalogue
London Fire Brigade	flooddata.csv	Spreadsheet containing all records of flooding shouts since 2000	Best available data	2	Flooding records
London Fire Brigade	Flooding photos.zip	Zip folder containing photos of flood incidents	Best available data		Flooding records
London Fire Brigade	Flood Incident Photos.doc	Word document describing photos	Best available data		Flooding records
London Fire Brigade	LFB Maps.zip	PDF maps showing frequency of calls due to flooding in London. Created using the data set provided to us in excel spreadsheet	Best available data		Flooding records
London Underground	LUG_1A_NoData.txt	Not available	N/A	N/A	LU assets
London Underground	LUG_1B_NoData.txt	Not available	N/A	N/A	surface water flood risk assets
London Underground	Manager's review report.doc	Provided two files containing records of flooding incidents of both the tracks and stations in July 2007	Anecdotal data	2	historic records of flooding
London Underground	Flood risk.xls	Provided two files containing records of flooding incidents of both the tracks and stations in July 2007	Anecdotal data	2	historic records of flooding
London Underground	Paddington Train Stranded.jpg	Photograph showing train stranded at Paddington Train.	Anecdotal data	2	historic records of flooding
London Underground	LUG_1D_NoData.txt	Not available	N/A	N/A	Operating Incidents
London Underground	Copy of Pump Site Data for GLA.xls	excel spreadsheet detailing pumping regime provided	No known limitations	2	LU pumping surface water
London Underground	LUG_1F_NoData.txt	No recorded data	N/A	N/A	flood mitigation measures
London Underground	LUG_1G_NoData.txt	No recorded data	N/A	N/A	station flood resilience plans
Network Rail	540889_IMDM_CoreEK_18082009.pdf	Maps taken from the main Network Rail database. No external consultant has access and so no shape files are available	Best data available	2	Railway Flooding
Network Rail	540888_Routes_CoreEK_17102008.pdf	Maps taken from the main Network Rail database. No external consultant has access and so no shape files are available	Best data available	2	Railway Flooding
Network Rail	nationalrailnetworkmap.pdf	Map taken from Network rail website, showing whole rail network	Best data available	2	Railway Flooding

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
Network Rail	Flood incident summary_SPC_ECM1_HDB_Routes.doc	Document outlines overall drainage/Flooding issues on sections of the line.	Best data available	2	Railway Flooding
Network Rail	New Southgate site visit 7thJan09.doc	Site report on Southgate flooding incident	Best data available	2	Railway Flooding
Network Rail	Potters Bar site visit .doc	Site report on potters bar flooding incident	Best data available	2	Railway Flooding
Network Rail	New Southgate site visit of 4th May 10.doc	Site report on second Southgate flood incident	Best data available	2	Railway Flooding
Network Rail	ECM1 5.0000 Alexander Palace.zip	Photos of flooding at Alexander Palace station	Best data available	2	Railway Flooding
Network Rail	SPC1 12.0076 12.0559 Drain Up Elstree Tunnel 20080606 V4.doc	Site report of flooding at Elstree tunnel	Best data available	2	Railway Flooding
Network Rail	MCJ1 - Drainage Survey.zip	Drainage survey for the MCJ1 line	Best data available	2	Railway Flooding
Network Rail	10Chain_Diagram_Key.pdf	PDF showing the diagram key for the drainage surveys	Best data available	2	Railway Flooding
Network Rail	Flood incident summary_MCJ1 Route.doc	Word document describing flooding problems in the last 5 years on the MCJ1 line	Best data available	2	Railway Flooding
Network Rail	Flood Sites LNW Route.xls	Excel spreadsheet give details of flooding on the LNW route	Best data available	2	Railway Flooding
Network Rail	Areas Prone To Flooding Within M25 - SE Routes.xls	Excel spreadsheet listing details of lines prone to flooding with territory	Best data available	2	Railway Flooding
Network Rail	Network Rail SE Routes.pdf	PDF map showing SE route	Best data available	2	Railway Flooding
Network Rail	Park Hill Park, Croydon.zip	Zip folder containing photos of landslide caused by surface water at Park Hill	Best data available	2	Railway Flooding
Network Rail	2007-07-20 - Fulwell to Hampton after summer storm.zip	Zip folder containing photos of flooding on the Fulwell to Hampton line during 2007 flooding.	Best data available	2	Railway Flooding

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
Network Rail	Flood incident summary_S_SE territory.doc	Document listing all data sets provided and brief description of some of them.	Best data available	2	Railway Flooding
Network Rail	NET_1E_NoData.txt	No data provided. But covers the line coming out of Paddington Station	No data available		Railway Flooding
Network Rail	NET_1F_NoData.txt	In the long term by May 2011 each borough will have information pack following completion of national drainage survey	No data available		Rail Network
Transport for London	Pump stations.zip	Location of seven (7) pump stations in central London including: Eastway Tunnel Pump House, Blackfriars Underpass, Glencoe Street Pump House, Bow Road Pump House, Old Fort Road Pump House, Redpath Pump House, York Road/Trinity Road Pump Station. Layout of nine (9) pump stations in south London, including: New Malden, Purley Cross, Crittalls Corner, South Lane, Bushey Road, Cambridge Ave, Keswick Ave, Warren Drive, Deer Park. Layout of nineteen (19) pump stations in north London	It is assumed that TFL have send the most up to date and accurate data that is currently available.	1	TFL pump station locations and details
Transport for London	TFL Gullies Pan London with Northings and Eastings.xls	Spreadsheet with the location, asset type, asset id, borough name, x and y of gulleys	It is assumed that TFL have send the most up to date and accurate data that is currently available.	1	tfl gully location spreadsheet and details
Transport for London	TFL_1B_NoData.txt	Data not received from TFL	N/A	N/A	N/A
Transport for London	TLRN.zip	Transport for London Road Network provided	It is assumed that TFL have send the most up to date and accurate data that is currently available.	1	TFL road network
Transport for London	TFL_1D_NoData.txt	Data not received from TFL	N/A	N/A	N/A
Transport for London	TFL_1E_NoData.txt	Data not received from TFL	N/A	N/A	N/A
Transport for London	TFL_1F_NoData.txt	Data not received from TFL	N/A	N/A	N/A
Transport for London	TFL_1G_NoData.txt	Data not received from TFL	N/A	N/A	N/A
Transport for London	TFL_1H_NoData.txt	Data not received from TFL	N/A	N/A	N/A
Highways Agency	Draft IAN HADDMS data population March 2008.pdf	Asset inventory data guidance document (draft, March 2008).	Best data available	2	Drainage Assets
Highways Agency	Asset_Inventory_GIS_Data.zip	Asset inventory data as ESRI Shapefiles.	Best data available	2	Drainage Assets
Highways Agency	HWA_1B_NoData.txt	Included within the asset inventory where they are present - See Item 1A.	N/A	N/A	Drainage Assets
Highways Agency	HWA_1C_NoData.txt	Included within the asset inventory where they are present - See Item 1A.	N/A	N/A	Critical Assets

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
Highways Agency	HWA_1D_NoData.txt	The Highways Agency has established a national flood register to collate flooding incident records from all sources, not just call centres. This is new and is currently poorly populated. There is no data for the Greater London Area.	N/A	N/A	Flooding Records
Highways Agency	Flooding_Hotspot_Area5.zip	A flood risk assessment has recently been carried out and a map extract has been provided as ESRI Shapefile.	Best data available	2	Susceptible Assets
Highways Agency	HWA_1F_NoData.txt	The Highways Agency has established a national flood register to collate flooding incident records from all sources, not just call centres. This is new and is currently poorly populated. There is no data for the Greater London Area.	N/A	N/A	Flooding Records
Highways Agency	HWA_1G_NoData.txt	Specific records of the designed capacity for each item of HA drainage are not available. The HA's design guidance is consolidated in HD33/06 which is available from http://www.standardsforhighways.co.uk/dmrb/vol4/section2.htm	N/A	N/A	Drainage Assets
Highways Agency	HA Drainage and Flood Data Description rev 03 2010_07_16.pdf	Description of the flood and drainage data provided by the Highways Agency for the Drain London project.	For information.	1	Data Information
Natural England	tqawitab.zip	For TQ Tile	Best available at the time downloaded. May be updated periodically so read docs in folder and check web site for updates	1	Ancient Woodland
Natural England	tqeshtab.zip	For TQ Tile	Best available at the time downloaded. May be updated periodically so read docs in folder and check web site for updates	1	Environmental Stewardship
Natural England	tqnnrtab.zip	For TQ Tile	Best available at the time downloaded. May be updated periodically so read docs in folder and check web site for updates	1	National Nature Reserves
Natural England	tqramtab.zip	For TQ Tile	Best available at the time downloaded. May be updated periodically so read docs in folder and check web site for updates	1	RAMSAR Sites
Natural England	tqssstab.zip	For TQ Tile	Best available at the time downloaded. May be updated periodically so read docs in folder and check web site for updates	1	Sites of Special Scientific Interest

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
Natural England	tqsactab.zip	For TQ Tile	Best available at the time downloaded. May be updated periodically so read docs in folder and check web site for updates	1	Special Areas of Conservation
Natural England	tqspatab.zip	For TQ Tile	Best available at the time downloaded. May be updated periodically so read docs in folder and check web site for updates	1	Special Protection Areas
Natural England	tqsittab.zip	For TQ Tile	Best available at the time downloaded. May be updated periodically so read docs in folder and check web site for updates	1	SSSI Unit
Natural England	ellnrtab.zip	England Wide	Best available at the time downloaded. May be updated periodically so read docs in folder and check web site for updates	1	Local Nature Reserves
Natural England	emcpktab.zip	England Wide	Best available at the time downloaded. May be updated periodically so read docs in folder and check web site for updates	1	Country Parks
Natural England	mgaontab.zip	England Wide	Best available at the time downloaded. May be updated periodically so read docs in folder and check web site for updates	1	Areas of Outstanding Natural Beauty
Natural England	ebmgrtab.zip	England Wide	Best available at the time downloaded. May be updated periodically so read docs in folder and check web site for updates	1	Millennium Green
Natural England	bpcgmtab.zip	England Wide	Best available at the time downloaded. May be updated periodically so read docs in folder and check web site for updates	1	Coastal floodplain grazing marsh
Natural England	bpldatatab.zip	England Wide	Best available at the time downloaded. May be updated periodically so read docs in folder and check web site for updates	1	Lowland dry acidic grassland

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
Natural England	bplhtab.zip	England Wide	Best available at the time downloaded. May be updated periodically so read docs in folder and check web site for updates	1	Lowland heath
Natural England	bpdwtab.zip	England Wide	Best available at the time downloaded. May be updated periodically so read docs in folder and check web site for updates	1	Deciduous Woodland
Natural England	bpmudtab.zip	England Wide	Best available at the time downloaded. May be updated periodically so read docs in folder and check web site for updates	1	Mudflat
Natural England	egndwtab.zip	England Wide	Best available at the time downloaded. May be updated periodically so read docs in folder and check web site for updates	1	Deciduous woodland networks
Natural England	egngstab.zip	England Wide	Best available at the time downloaded. May be updated periodically so read docs in folder and check web site for updates	1	Grassland Networks
Natural England	egnhttab.zip	England Wide	Best available at the time downloaded. May be updated periodically so read docs in folder and check web site for updates	1	Heathland Networks
BAA Heathrow	Heathrow Airport - FRA Report notes.doc	This report was provided to us from the EA. BAA Heathrow were concerned of sensitive information.	Best data available	2	Highway Flooding
BAA Heathrow	121560 - 0005 Water Environment Baseline_Map_V1.pdf	Map showing drainage assets at the airport	Best data available	2	Drainage network
BAA Heathrow	Catchments_Whole area.jpg	Sketch map from report showing modelled catchments	Unable to photocopy the original map	3	Drainage network
BAA Heathrow	Catchments_Airfield specific.jpg	Sketch map from report showing modelled catchments	Unable to photocopy the original map	3	Drainage network
LB of Hillingdon	HIL_1A_NoData.txt	Historical records of surface water, groundwater, highway, sewer and ordinary watercourse flooding (properties affected, photos, video, aerial imagery, CCTV etc.)	N/A	N/A	Surface Water

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
LB of Hillingdon	HIL_1B_NoData.txt	Flood records of July 2007 floods	N/A	N/A	Flood Records July
LB of Hillingdon	Blocked Gully Report 2008-2010.xls	Highway flooding and drainage records – including location and serviceability of road gulleys.	No known limitations	2	Highway Flooding
LB of Hillingdon	HIL_1D_NoData.txt	Any known flooding hotspots in the Borough (updated data sets)	N/A	N/A	Flooding Hotspots
LB of Hillingdon	Hillingdon LCLIP Final.doc	Any press articles of flooding - anecdotal evidence	Anecdotal information.	3	Flooding Anecdotal
LB of Hillingdon	HIL_2A_NoData.txt	GIS layer of any areas identified for particular growth or redevelopment	N/A	N/A	Growth
LB of Hillingdon	parks&recreation_grounds.zip	GIS layer of parks and open spaces	No known limitations	1	Open Spaces
LB of Hillingdon	hospitals.zip	GIS layer of hospitals, fire stations, schools and transport links	No known limitations	1	Fire Station
LB of Hillingdon	Blue_Light_Services.zip	GIS layer of hospitals, fire stations, schools and transport links	No known limitations	1	Hospital
LB of Hillingdon	HIL_2D_NoData.txt	Drainage network information – sewers (surface, foul, combined), culverts, drains (surface water, highway), gullies, ditches, other open drainage channels	N/A	N/A	Gully
LB of Hillingdon	ditches.zip	Ordinary Watercourses info (IDB or EA held)	No known limitations	2	Drainage network
LB of Hillingdon	HIL_3A_NoData.txt	Aerial photography	N/A	N/A	Aerial photography
LB of Hillingdon	HIL_3B_NoData.txt	DTM/LiDAR data	N/A	N/A	LiDAR DTM
LB of Hillingdon	HIL_4A_NoData.txt	Identified key infrastructure susceptible to surface water flooding	N/A	N/A	Vulnerable Key Infrastructure
LB of Hillingdon	HIL_4B_NoData.txt	Local Authority led flood risk improvement schemes	N/A	N/A	Flood Improvement Scheme
LB of Hillingdon	HIL_4C_NoData.txt	SUDS schemes information (Council adopted SUDS)	N/A	N/A	SUDS
LB of Hillingdon	LB Hillingdon SFRA.zip	Strategic Flood Risk Assessments (SFRA)	No known limitations. Published in 2008.	2	SFRA
LB of Hillingdon	HIL_4E_NoData.txt	Local Authority led Flood Risk Studies	N/A	N/A	Flood Risk
LB of Hillingdon	HIL_4F_NoData.txt	Analysis of major flood incidents	N/A	N/A	Flood Major Incident
LB of Hillingdon	HIL_4G_NoData.txt	Flood insurance claims made by Borough	N/A	N/A	Insurance
LB of Hillingdon	HIL_4H_NoData.txt	Records of housing maintenance repair and call outs, flood related	N/A	N/A	Housing Maintenance
LB of Hillingdon	HIL_4I_NoData.txt	Customer call centre records, flood related	N/A	N/A	Flood Calls

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
LB of Hillingdon	4j. Records of streets likely to be affected by bad weather.doc	Records of streets likely to be affected/closed by severe weather	N/A	N/A	Streets Severe Weather
LB of Hillingdon	Lakes_ & Ponds .zip	Balancing pond and lake information	No known limitations	2	Balancing Pond
LB of Hillingdon	screens & pumping stations.zip	Critical local asset records (assets which are known to, or have the potential to flood)	No known limitations	2	Critical Local Asset
LB of Hillingdon	HIL_4M_NoData .txt	Historic sewer records (if any)	N/A	N/A	Historic Sewer Record
LB of Hillingdon	HIL_4N_NoData .txt	Historic construction records of drainage assets	N/A	N/A	Historic Drainage Asset
LB of Hillingdon	HIL_4O_NoData .txt	Capacity and condition of 'ordinary' watercourses essential to operation of the urban drainage systems, including culverted watercourses and flow models (where they exist).	N/A	N/A	Watercourse Urban Drainage
LB of Hillingdon	Multi-Agency Flood Plan Draft-drainlondon-May2010.pdf	Multi-Agency flood plans	Currently in draft format. Check for update/finalised version.	2	Multi-Agency Flood Plan
LB of Hillingdon	HIL_5B_NoData .txt	Severe Weather Plans	N/A	N/A	Severe Weather Plan
LB of Hillingdon	HIL_5C_NoData .txt	Community Flood Plans	N/A	N/A	Community Flood Plan
LB of Hillingdon	HIL_5D_NoData .txt	Flood Management Plans	N/A	N/A	Flood Management Plan
LB of Hillingdon	HIL_5E_NoData .txt	Flood committee / scrutiny panel reports	N/A	N/A	Flood Committee
LB of Hillingdon	HIL_5F_NoData.txt	Emergency Flood Plan	N/A	N/A	Emergency Flood Plan
LB of Hillingdon	HIL_5G_NoData .txt	New development drainage studies and supporting information	N/A	N/A	Development Drainage Study
LB of Hillingdon	HIL_5H_NoData .txt	Road gully cleaning/maintenance records	N/A	N/A	Road Gully Cleaning
LB of Hillingdon	HIL_5I_NoData.txt	Maintenance regimes and records of all assets	N/A	N/A	Asset Maintenance
LB of Hillingdon	LDF summary timetable.doc	Current stage of LDF process	No known limitations	2	LDF

Organisation	File	Information from Supplier	Limitations, uncertainty or perceived weakness	Review Score	Keyword
LB of Hillingdon	Housing Trajectory AMR 2008-2009.pdf	Core Strategy Development Plans – location, extent and programme for new housing and business development.	No known limitations	2	Core Strategy Development Documents
LB of Hillingdon	Core Strategy Infrastructure Schedule.pdf	Core Strategy Development Plans – location, extent and programme for new housing and business development.	Currently in draft format. Check for update/finalised version.	2	Core Strategy Development Documents