



Appendix A

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Environmental Impact Assessment Scoping Report: Appendix A

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Environmental Impact Assessment Scoping Report: Appendix A

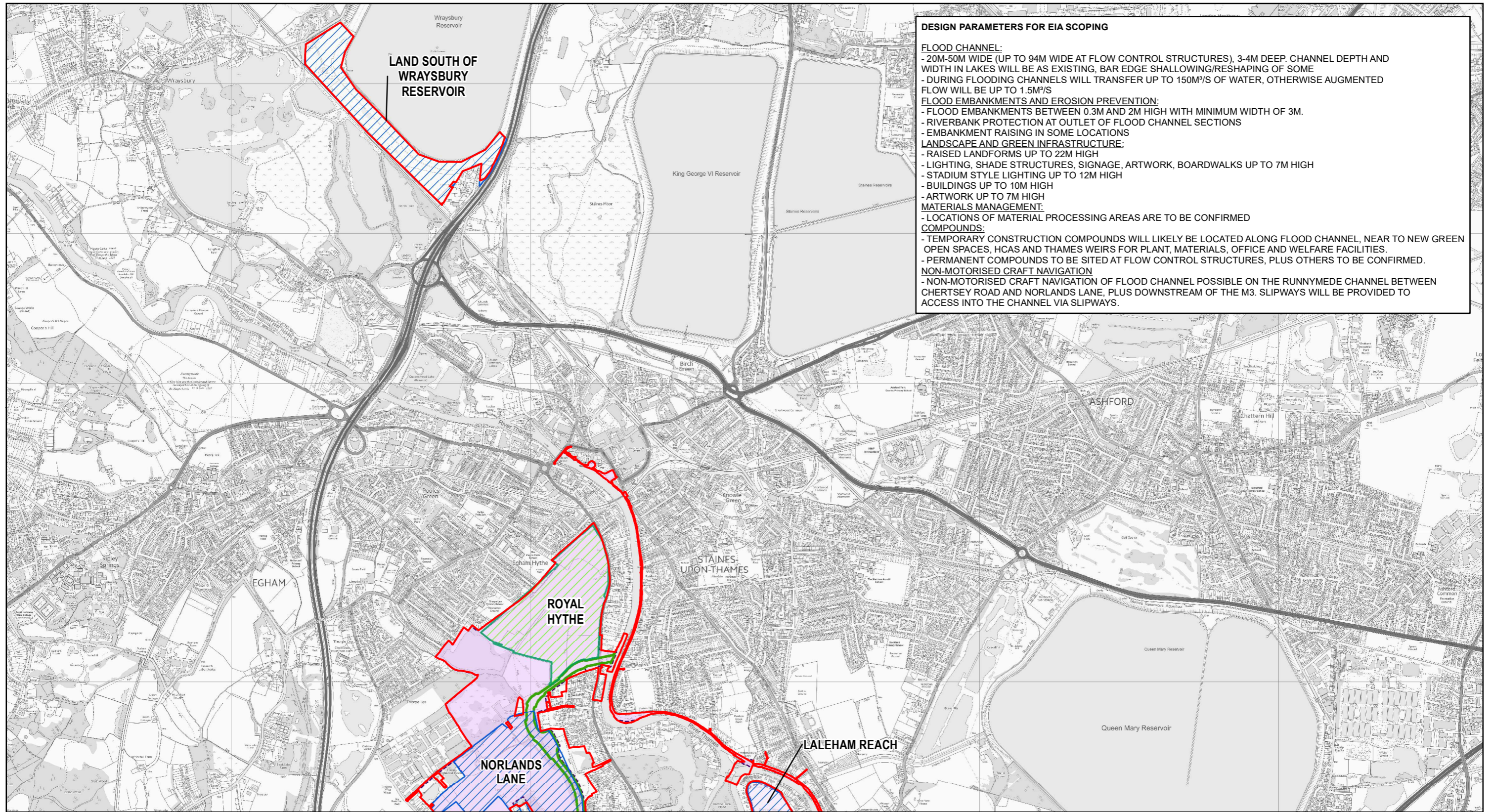
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DESIGN PARAMETERS FOR EIA SCOPING

FLOOD CHANNEL:

- 20M-50M WIDE (UP TO 94M WIDE AT FLOW CONTROL STRUCTURES), 3-4M DEEP. CHANNEL DEPTH AND WIDTH IN LAKES WILL BE AS EXISTING, BAR EDGE SHALLOWING/RESHAPING OF SOME
- DURING FLOODING CHANNELS WILL TRANSFER UP TO 150M³/S OF WATER, OTHERWISE AUGMENTED FLOW WILL BE UP TO 1.5M³/S

FLOOD EMBANKMENTS AND EROSION PREVENTION:

- FLOOD EMBANKMENTS BETWEEN 0.3M AND 2M HIGH WITH MINIMUM WIDTH OF 3M.
- RIVERBANK PROTECTION AT OUTLET OF FLOOD CHANNEL SECTIONS
- EMBANKMENT RAISING IN SOME LOCATIONS

LANDSCAPE AND GREEN INFRASTRUCTURE:

- RAISED LANDFORMS UP TO 22M HIGH
- LIGHTING, SHADE STRUCTURES, SIGNAGE, ARTWORK, BOARDWALKS UP TO 7M HIGH
- STADIUM STYLE LIGHTING UP TO 12M HIGH
- BUILDINGS UP TO 10M HIGH
- ARTWORK UP TO 7M HIGH

MATERIALS MANAGEMENT:

- LOCATIONS OF MATERIAL PROCESSING AREAS ARE TO BE CONFIRMED

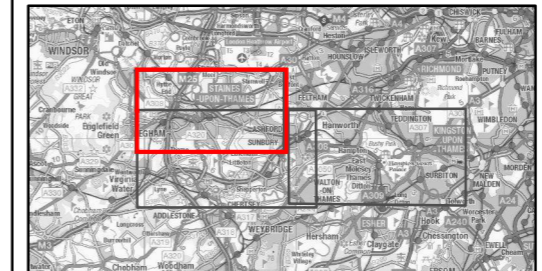
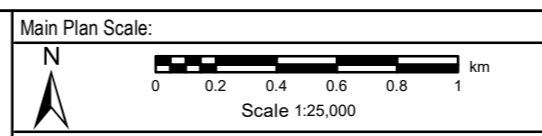
COMPOUNDS:

- TEMPORARY CONSTRUCTION COMPOUNDS WILL LIKELY BE LOCATED ALONG FLOOD CHANNEL, NEAR TO NEW GREEN OPEN SPACES, HCAS AND THAMES WEIRS FOR PLANT, MATERIALS, OFFICE AND WELFARE FACILITIES.
- PERMANENT COMPOUNDS TO BE SITED AT FLOW CONTROL STRUCTURES, PLUS OTHERS TO BE CONFIRMED.

NON-MOTORISED CRAFT NAVIGATION

- NON-MOTORISED CRAFT NAVIGATION OF FLOOD CHANNEL POSSIBLE ON THE RUNNYMEDE CHANNEL BETWEEN CHERTSEY ROAD AND NORLANDS LANE, PLUS DOWNSTREAM OF THE M3. SLIPWAYS WILL BE PROVIDED TO ACCESS INTO THE CHANNEL VIA SLIPWAYS.

- Legend**
- PROJECT BOUNDARY FOR EIA SCOPING
 - RUNNYMEDE CHANNEL
 - NEW GREEN OPEN SPACE UNDER CONSIDERATION
 - HABITAT CREATION AREAS (HCA) UNDER CONSIDERATION
 - LANDSCAPE FEASIBILITY PARAMETER



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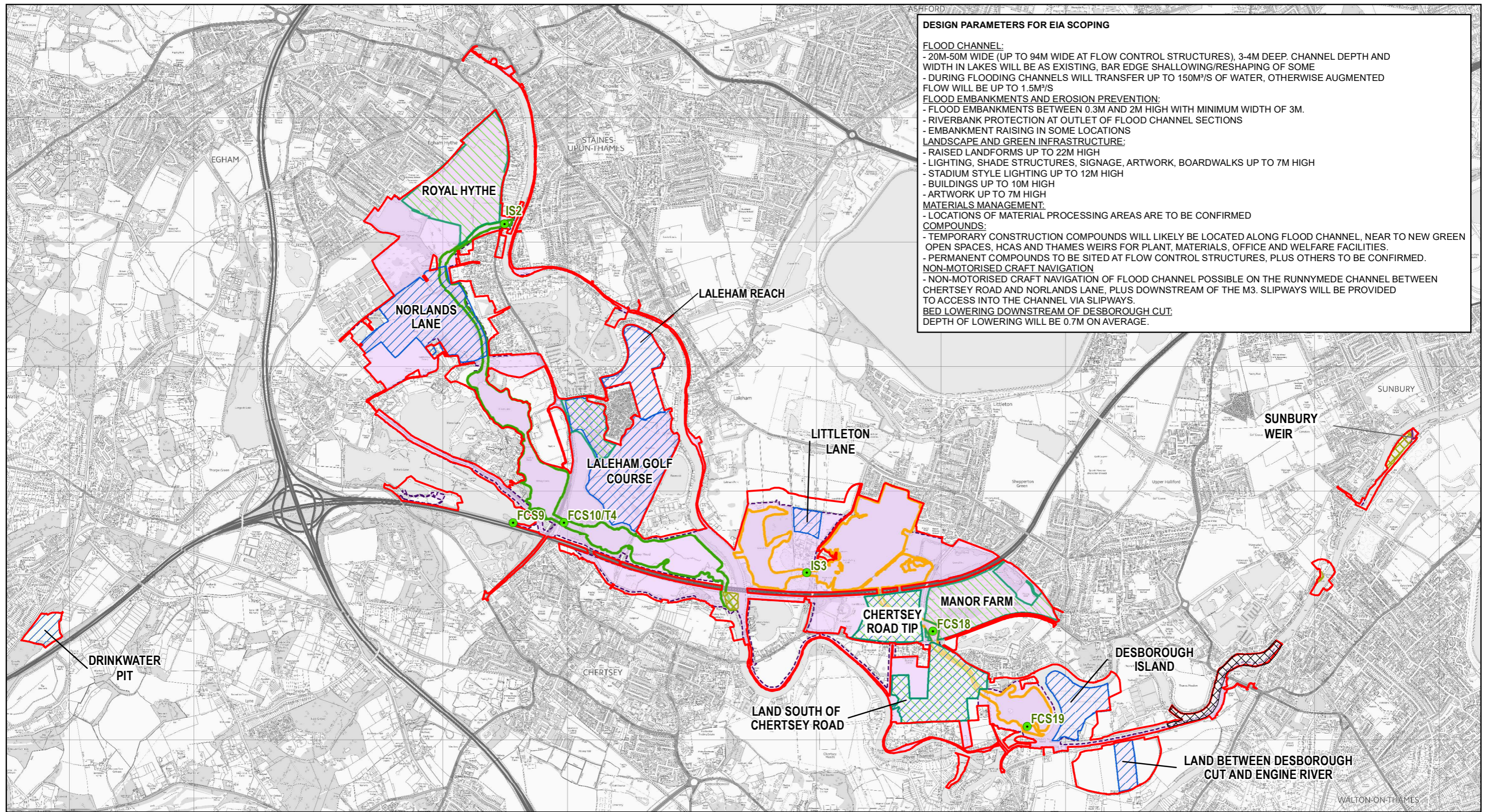
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RIVER THAMES SCHEME

**EIA SCOPING REPORT - FIGURE 1-2:
PROJECT OVERVIEW
SHEET 1 OF 3**

Rev.	Drawn	Chkd	Rwrd	Apprd	Date	Description
P01	TW	KQ	KQ	VL	11/08/2022	FOR INFORMATION
P02	AT	WH	VL	EB	31/08/2022	FOR REVIEW AND COMMENT
P03	MA	WH	VL	EB	22/09/2022	FOR INFORMATION
Status: S3						
Designed by: WH		Date: 08/22			Revision: P03	
Scale: 1:25,000 Project Number: 123703 Drawing Number: ENVMSES00260-GBV-ZZ-DR-EN-10075						



DESIGN PARAMETERS FOR EIA SCOPING

FLOOD CHANNEL:

- 20M-50M WIDE (UP TO 94M WIDE AT FLOW CONTROL STRUCTURES), 3-4M DEEP. CHANNEL DEPTH AND WIDTH IN LAKES WILL BE AS EXISTING, BAR EDGE SHALLOWING/RESHAPING OF SOME
- DURING FLOODING CHANNELS WILL TRANSFER UP TO 150M³/S OF WATER, OTHERWISE AUGMENTED FLOW WILL BE UP TO 1.5M³/S

FLOOD EMBANKMENTS AND EROSION PREVENTION:

- FLOOD EMBANKMENTS BETWEEN 0.3M AND 2M HIGH WITH MINIMUM WIDTH OF 3M.
- RIVERBANK PROTECTION AT OUTLET OF FLOOD CHANNEL SECTIONS
- EMBANKMENT RAISING IN SOME LOCATIONS

LANDSCAPE AND GREEN INFRASTRUCTURE:

- RAISED LANDFORMS UP TO 22M HIGH
- LIGHTING, SHADE STRUCTURES, SIGNAGE, ARTWORK, BOARDWALKS UP TO 7M HIGH
- STADIUM STYLE LIGHTING UP TO 12M HIGH
- BUILDINGS UP TO 10M HIGH
- ARTWORK UP TO 7M HIGH

MATERIALS MANAGEMENT:

- LOCATIONS OF MATERIAL PROCESSING AREAS ARE TO BE CONFIRMED

COMPOUNDS:

- TEMPORARY CONSTRUCTION COMPOUNDS WILL LIKELY BE LOCATED ALONG FLOOD CHANNEL, NEAR TO NEW GREEN OPEN SPACES, HCAS AND THAMES WEIRS FOR PLANT, MATERIALS, OFFICE AND WELFARE FACILITIES.
- PERMANENT COMPOUNDS TO BE SITED AT FLOW CONTROL STRUCTURES, PLUS OTHERS TO BE CONFIRMED.

NON-MOTORISED CRAFT NAVIGATION

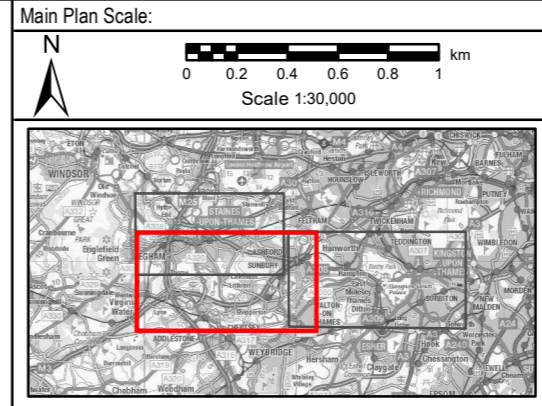
- NON-MOTORISED CRAFT NAVIGATION OF FLOOD CHANNEL POSSIBLE ON THE RUNNYMEDE CHANNEL BETWEEN CHERTSEY ROAD AND NORLANDS LANE, PLUS DOWNSTREAM OF THE M3. SLIPWAYS WILL BE PROVIDED TO ACCESS INTO THE CHANNEL VIA SLIPWAYS.

BED LOWERING DOWNSTREAM OF DESBOROUGH CUT:

- DEPTH OF LOWERING WILL BE 0.7M ON AVERAGE.

Legend

- PROJECT BOUNDARY FOR EIA SCOPING
- RUNNYMEDE CHANNEL
- SPELTHORNE CHANNEL
- THAMES WEIR CAPACITY IMPROVEMENTS
- BED LOWERING DOWNSTREAM OF DESBOROUGH CUT
- NEW GREEN OPEN SPACE UNDER CONSIDERATION
- HABITAT CREATION AREAS (HCA) UNDER CONSIDERATION
- FISH PASSES
- FLOW CONTROL STRUCTURE WITH FISH PASSAGE
- LANDSCAPE FEASIBILITY PARAMETER



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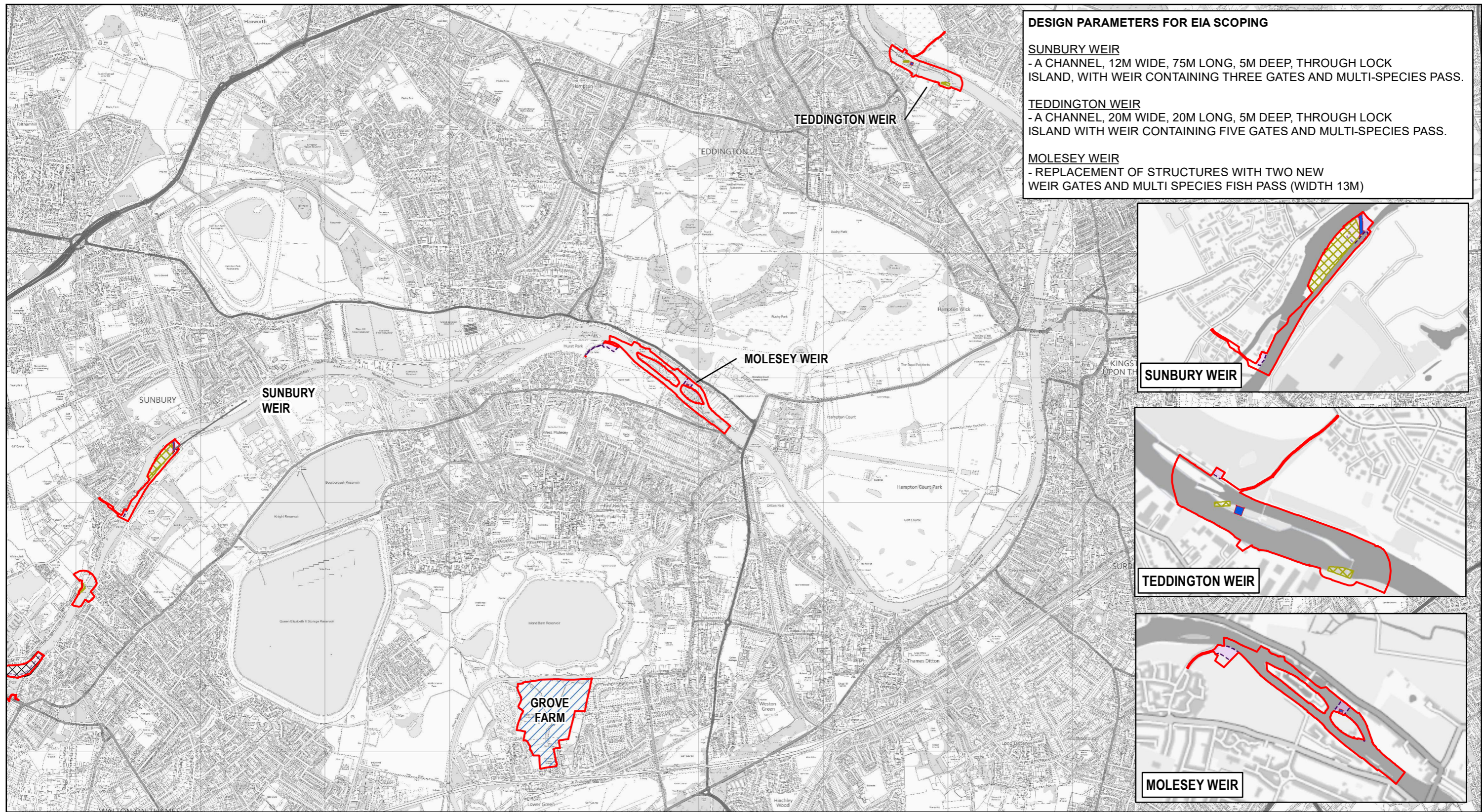
RIVER THAMES SCHEME

EIA SCOPING REPORT - FIGURE 1-2:
PROJECT OVERVIEW
SHEET 2 OF 3

Rev.	Drawn	Chkd	Rvwd	Apprvd	Date	Description
P01	TW	KQ	KQ	VL	11/08/2022	FOR INFORMATION
P02	AT	WH	VL	EB	31/08/2022	FOR REVIEW AND COMMENT
P03	MA	WH	VL	EB	22/09/2022	UPDATED FOLLOWING CLIENT REVIEW

Status: S3
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Scale: 1:30,000 Project Number: 123703 Drawing Number: ENVMS00260-GBV-ZZ-DR-EN-10075

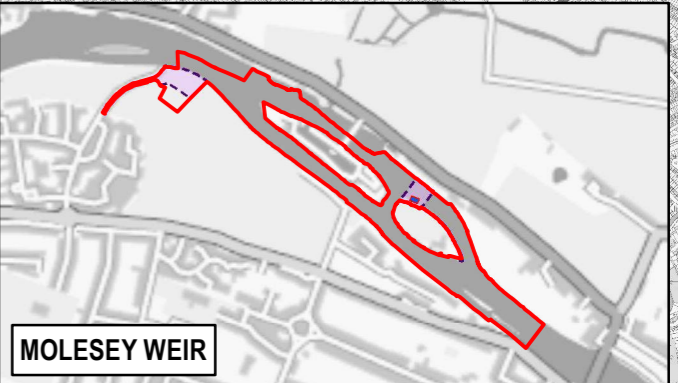
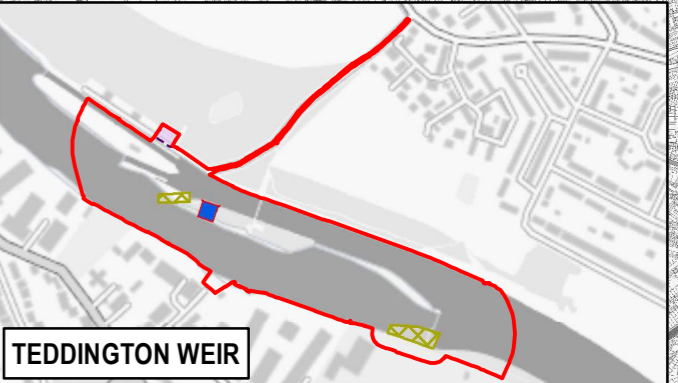
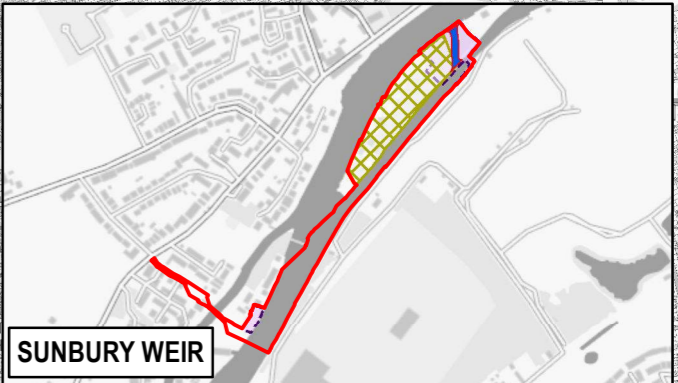


DESIGN PARAMETERS FOR EIA SCOPING

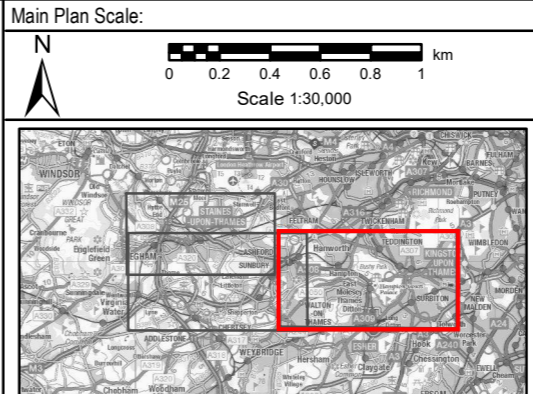
SUNBURY WEIR
 - A CHANNEL, 12M WIDE, 75M LONG, 5M DEEP, THROUGH LOCK ISLAND, WITH WEIR CONTAINING THREE GATES AND MULTI-SPECIES PASS.

TEDDINGTON WEIR
 - A CHANNEL, 20M WIDE, 20M LONG, 5M DEEP, THROUGH LOCK ISLAND WITH WEIR CONTAINING FIVE GATES AND MULTI-SPECIES PASS.

MOLESEY WEIR
 - REPLACEMENT OF STRUCTURES WITH TWO NEW WEIR GATES AND MULTI SPECIES FISH PASS (WIDTH 13M)



- Legend**
- PROJECT BOUNDARY FOR EIA SCOPING
 - THAMES WEIR CAPACITY IMPROVEMENTS
 - LANDSCAPE FEASIBILITY PARAMETER
 - HABITAT CREATION AREAS (HCA) UNDER CONSIDERATION
 - BED LOWERING DOWNSTREAM OF DESBOROUGH CUT
 - FISH PASSES



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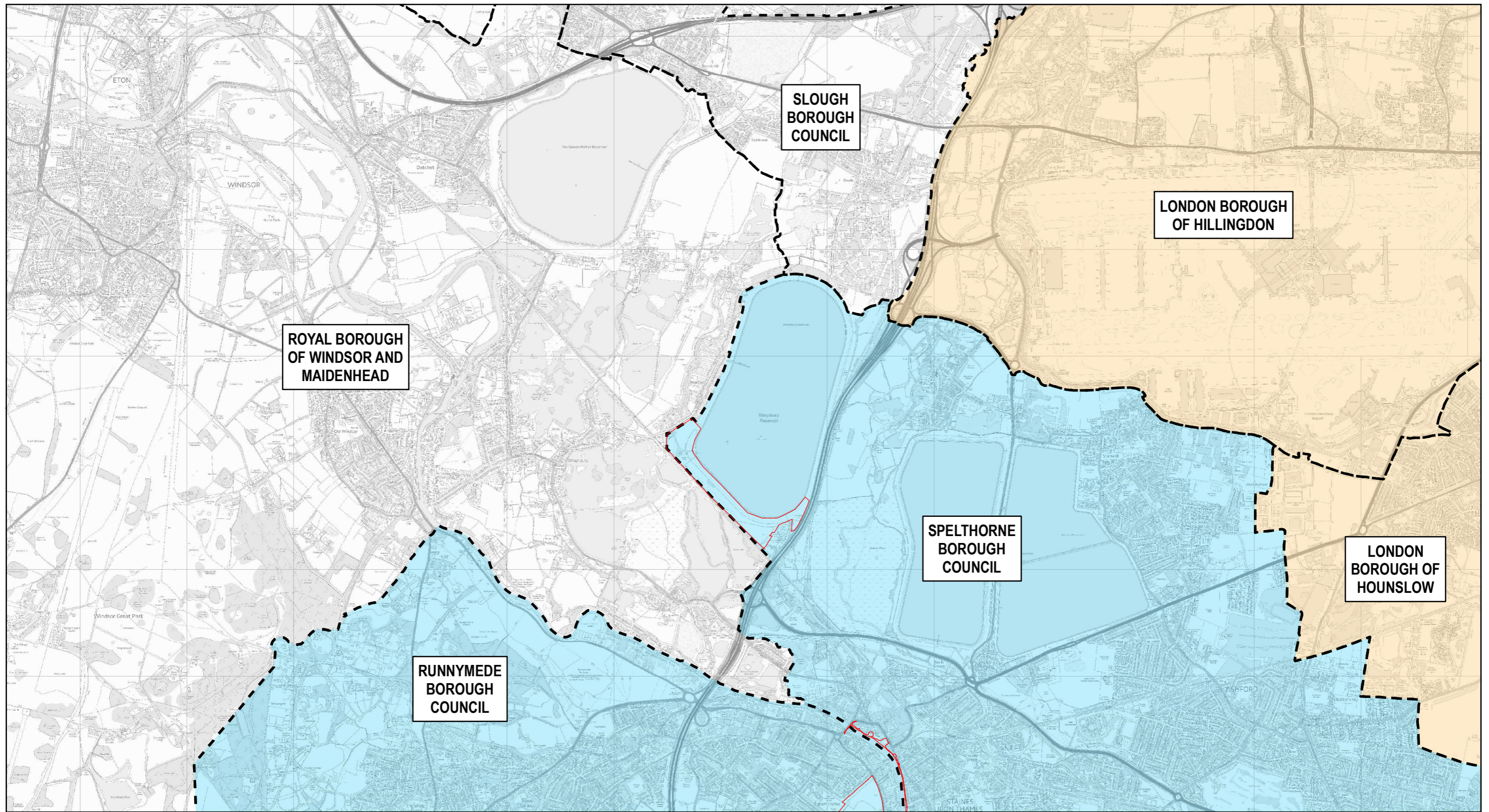
RIVER THAMES SCHEME

EIA SCOPING REPORT - FIGURE 1-2:
 PROJECT OVERVIEW
 SHEET 3 OF 3

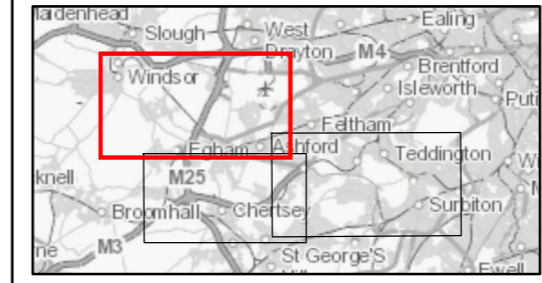
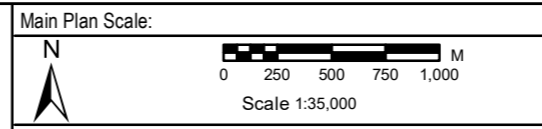
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Status: S3
 Designed by: WH Date: 08/22 Revision: P03

Scale: 1:30,000 Project Number: 123703 Drawing Number: ENVMS00260-GBV-ZZ-DR-EN-10075



- Legend**
- PROJECT BOUNDARY FOR EIA SCOPING
 - BOROUGH BOUNDARY
 - SURREY
 - GREATER LONDON



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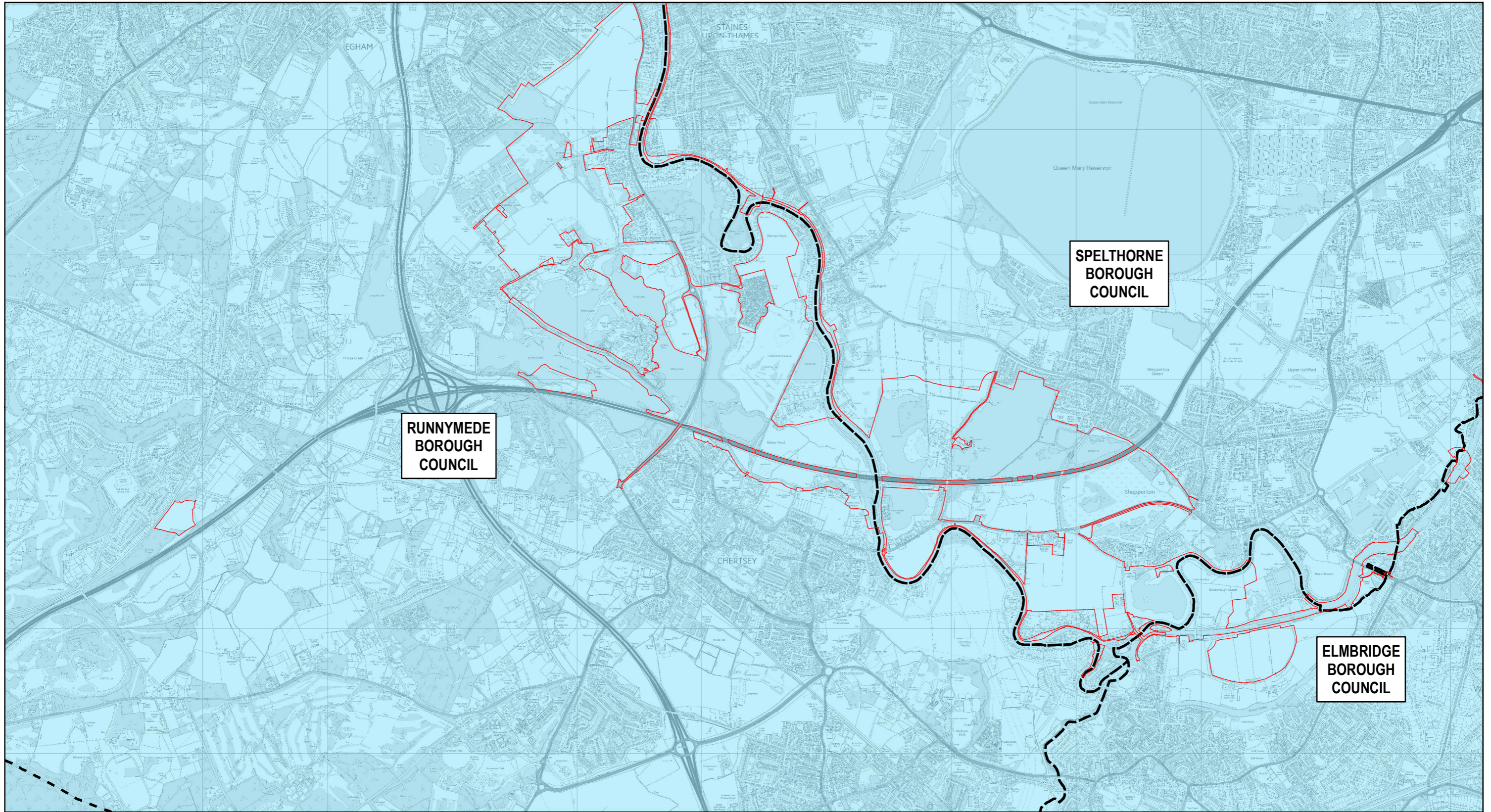
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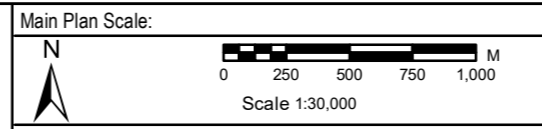
RIVER THAMES SCHEME

**EIA SCOPING REPORT - FIGURE 2-1:
 DISTRICT AND COUNTY BOUNDARIES AND AUTHORITIES
 SHEET 1 OF 3**

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P01	MA	WH	VL	EB	22/08/2022	FOR REVIEW AND COMMENT
P02	AJ	WH	VL	EB	30/09/2022	UPDATED FOLLOWING CLIENT REVIEW
Status: S3						
Designed by: WH		Date: 08/22			Revision: P02	
Scale: 1:35,000 Project Number: 123703 Drawing Number: ENVMS00260-GBV-ZZ-DR-EN-10076						



- Legend**
- PROJECT BOUNDARY FOR EIA SCOPING
 - BOROUGH BOUNDARY
 - SURREY
 - GREATER LONDON

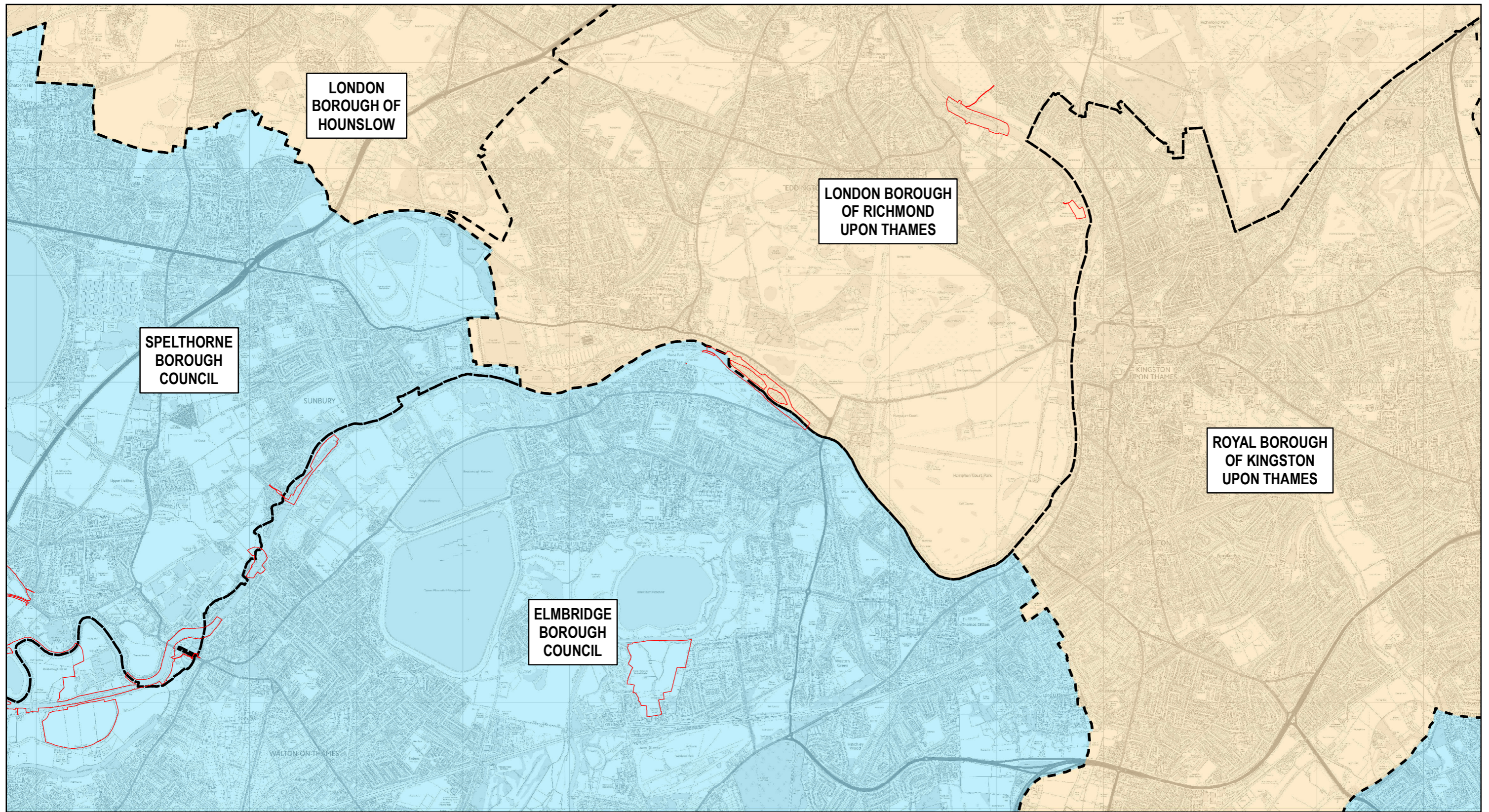


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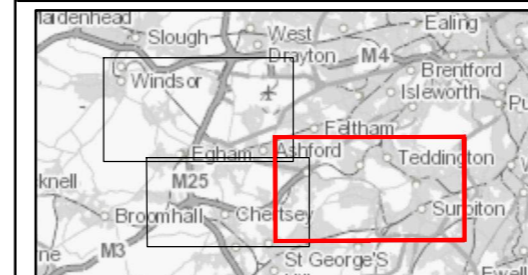
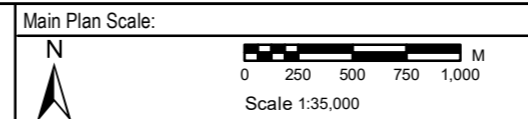
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EIA SCOPING REPORT - FIGURE 2-1:
DISTRICT AND COUNTY BOUNDARIES AND AUTHORITIES
 SHEET 2 OF 3

Rev.	Drawn	Chkd	Rvwd	Apprvd	Date	Description
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P02	AJ	WH	VL	EB	30/09/2022	UPDATED FOLLOWING CLIENT REVIEW
Status: S3						
Designed by: WH		Date: 08/22			Revision: P02	
Scale: 1:30,000 Project Number: 123703 Drawing Number: ENVMSES00260-GBV-ZZ-3ZZ-DR-EN-10076						



- Legend**
- PROJECT BOUNDARY FOR EIA SCOPING
 - BOROUGH BOUNDARY
 - SURREY
 - GREATER LONDON



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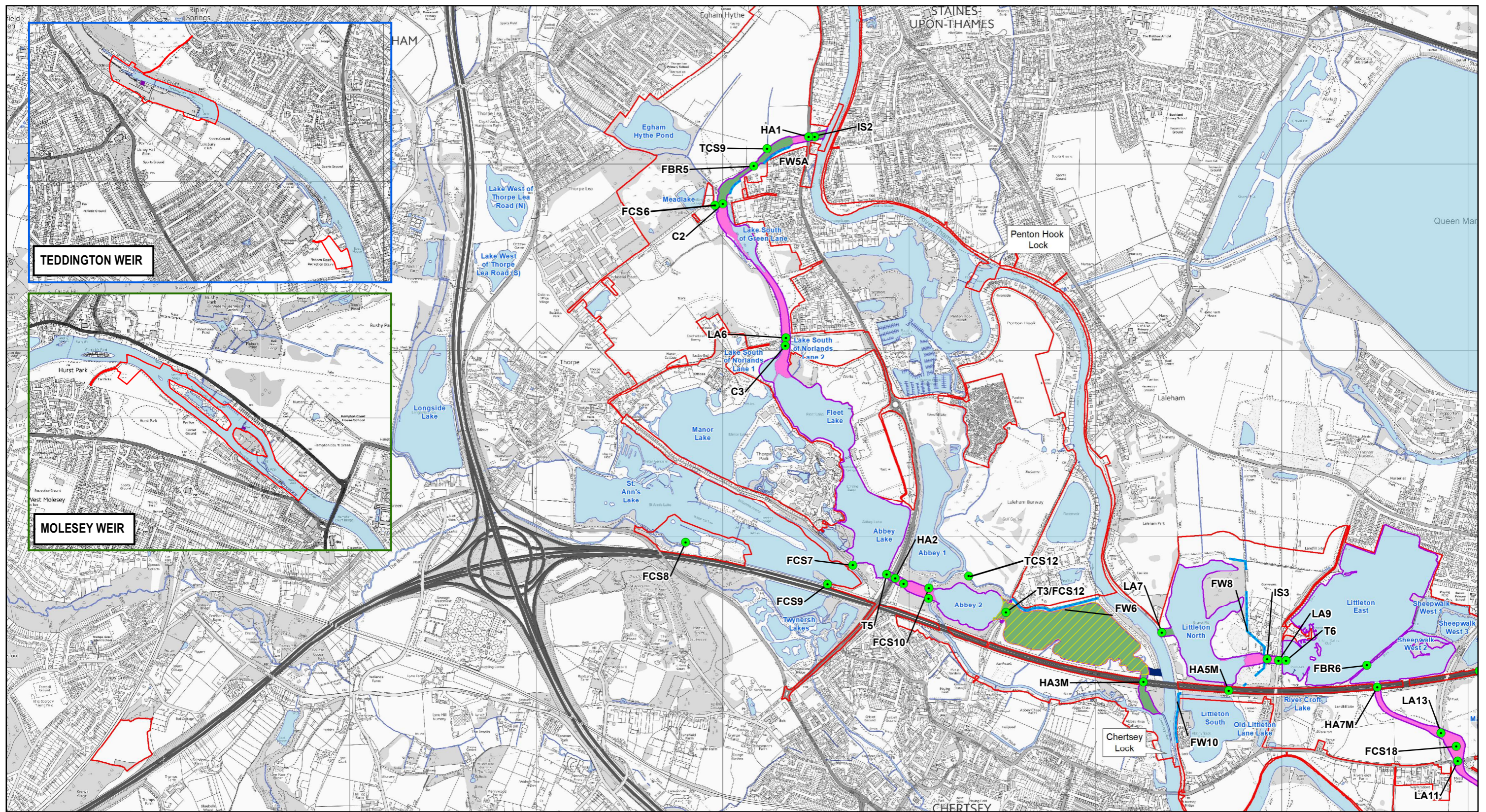
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EIA SCOPING REPORT - FIGURE 2-1:
DISTRICT AND COUNTY BOUNDARIES AND AUTHORITIES
 SHEET 3 OF 3

Rev.	Drawn	Chkd	Rvwd	Apprvd	Date	Description
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P02	AJ	WH	VL	EB	30/09/2022	UPDATED FOLLOWING CLIENT REVIEW

Status: **S3**
 Designed by: **WH** Date: **08/22** Revision: **P02**
 Scale: 1:35,000 Project Number: 123703 Drawing Number: ENVMSES00260-GBV-ZZ-DR-EN-10076

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TEDDINGTON WEIR

MOLESEY WEIR

LEGEND

- PROJECT BOUNDARY FOR EIA SCOPING*
- CHANNEL OUTLINES
- WATERBODY
- ABBEY MEADS FLOODWAY

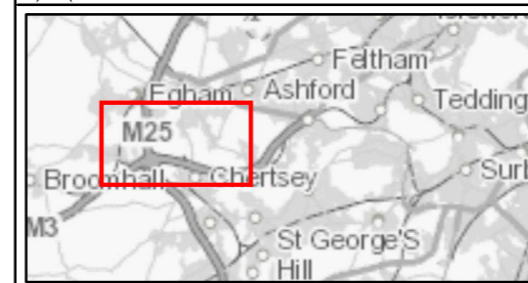
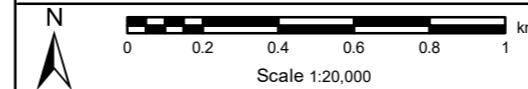
FLOOD CHANNEL

- CHANNEL THROUGH NATURAL GROUND
- CHANNEL THROUGH LANDFILL/MADE GROUND
- SPILLWAY

FLOOD CHANNEL ASSOCIATED FEATURES

- MAJOR FLOOD CHANNEL ASSOCIATED FEATURES AND FEATURE ID
- FLOOD EMBANKMENTS AND EROSION PROTECTION

Main Plan Scale:



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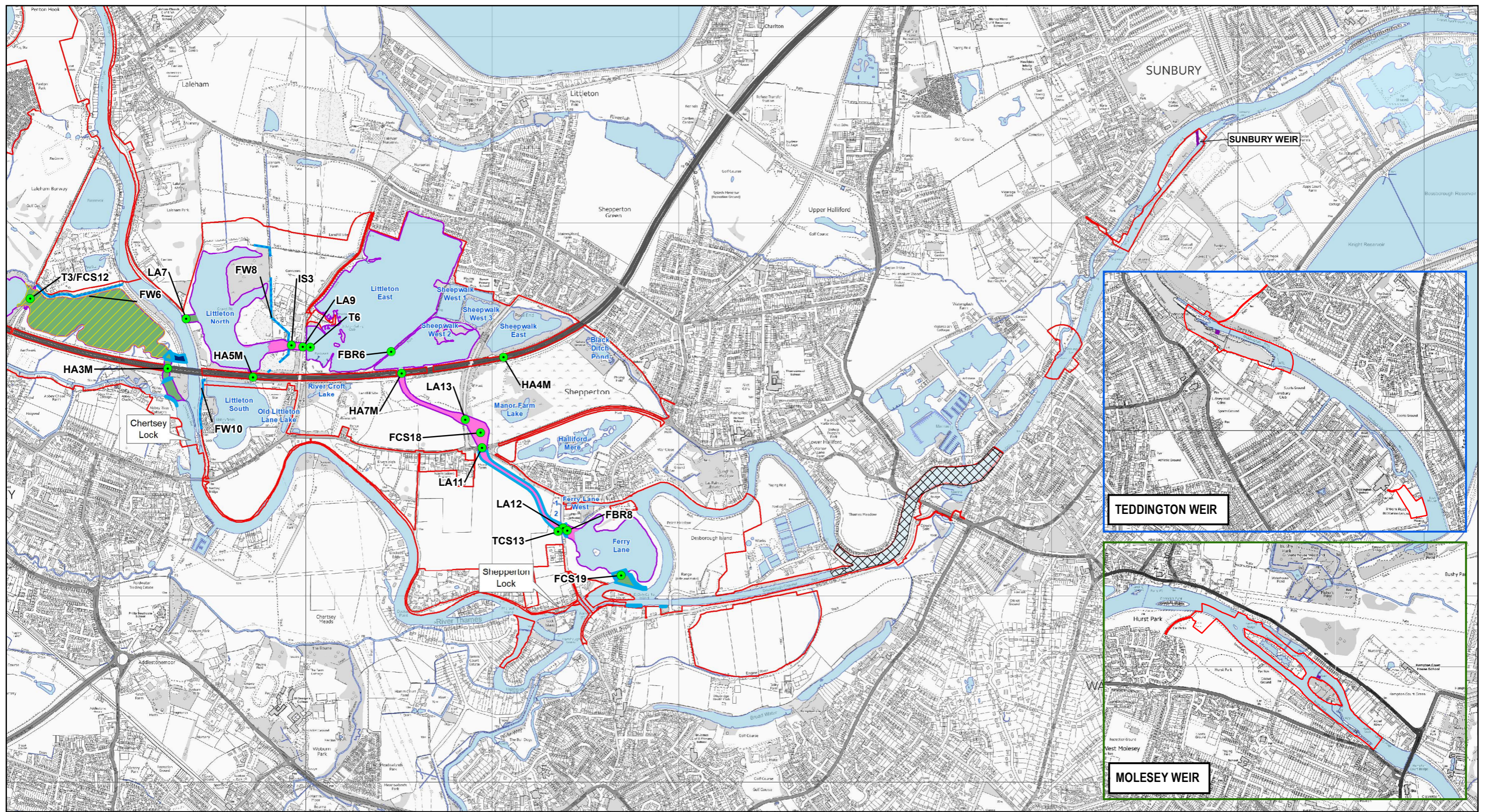
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RIVER THAMES SCHEME

**EIA SCOPING REPORT FIGURE 4-1:
DESIGN OF FLOOD CHANNEL, ASSOCIATED FEATURES
AND RIVER THAMES CAPACITY IMPROVEMENTS
SHEET 1 OF 2**

Rev.	Drawn	Chkd	Rvwd	Apprvd	Date	Description
P01	TW	WH	VL	EB	18/08/2022	FOR REVIEW AND COMMENT
P02	MA	WH	VL	EB	22/09/2022	UPDATED FOLLOWING CLIENT REVIEW
Status: S3						
Designed by: WH		Date: 08/22		Revision: P02		
Scale: 1:20,000 Project Number: 123703 Drawing Number: ENV/MSE/00260-GBY-ZZ-DR-EN-10067						

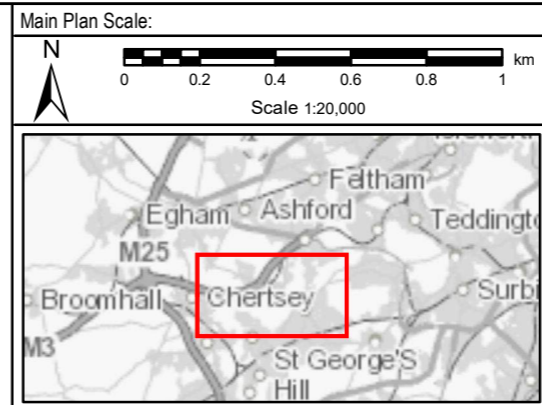
* For full Project Boundary for EIA Scoping, please refer to Figure 1-2: Project Overview



LEGEND

- PROJECT BOUNDARY FOR EIA SCOPING*
- CHANNEL OUTLINES
- WATERBODY
- CHANNEL THROUGH NATURAL GROUND
- CHANNEL THROUGH LANDFILL/MADE GROUND
- SPILLWAY
- ABBEY MEADS FLOODWAY
- FLOOD EMBANKMENTS AND EROSION PROTECTION
- RIVER THAMES CAPACITY IMPROVEMENTS
- THAMES WEIR CAPACITY IMPROVEMENTS
- BED LOWERING DOWNSTREAM OF DESBOROUGH CUT
- MAJOR FLOOD CHANNEL ASSOCIATED FEATURES AND FEATURE ID

* For full Project Boundary for EIA Scoping, please refer to figure 1-2: Project Overview



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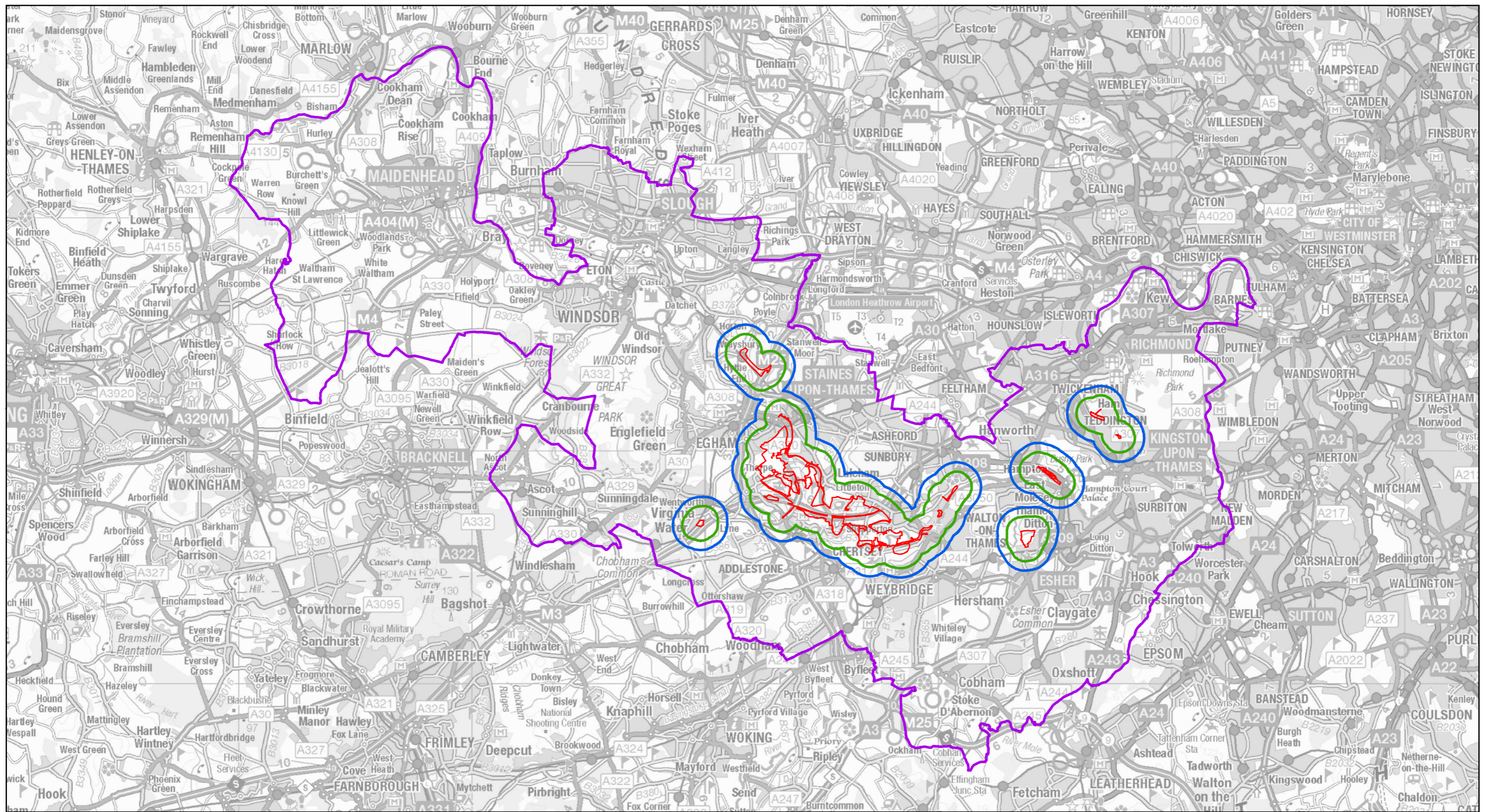
RIVER THAMES SCHEME

EIA SCOPING REPORT FIGURE 4-1:
DESIGN OF FLOOD CHANNEL, ASSOCIATED FEATURES AND RIVER THAMES CAPACITY IMPROVEMENTS
 SHEET 2 OF 2

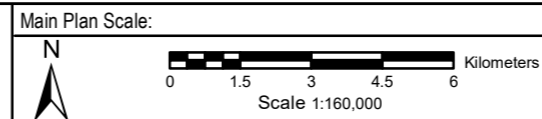
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P02	MA	WH	VL	EB	22/09/2022	UPDATED FOLLOWING CLIENT REVIEW

Status: S3
 Designed by: WH Date: 08/22 Revision: P02

Scale: 1:20,000 Project Number: 123703 Drawing Number: ENVMS502260-GBV-ZZ-DR-EN-10067



- Legend**
- ▭ PROJECT BOUNDARY FOR EIA SCOPING
 - ▭ DUST STUDY AREA FOR EIA SCOPING
 - ▭ ODOUR STUDY AREA FOR EIA SCOPING
 - ▭ VEHICLE EMISSIONS STUDY AREA FOR EIA SCOPING



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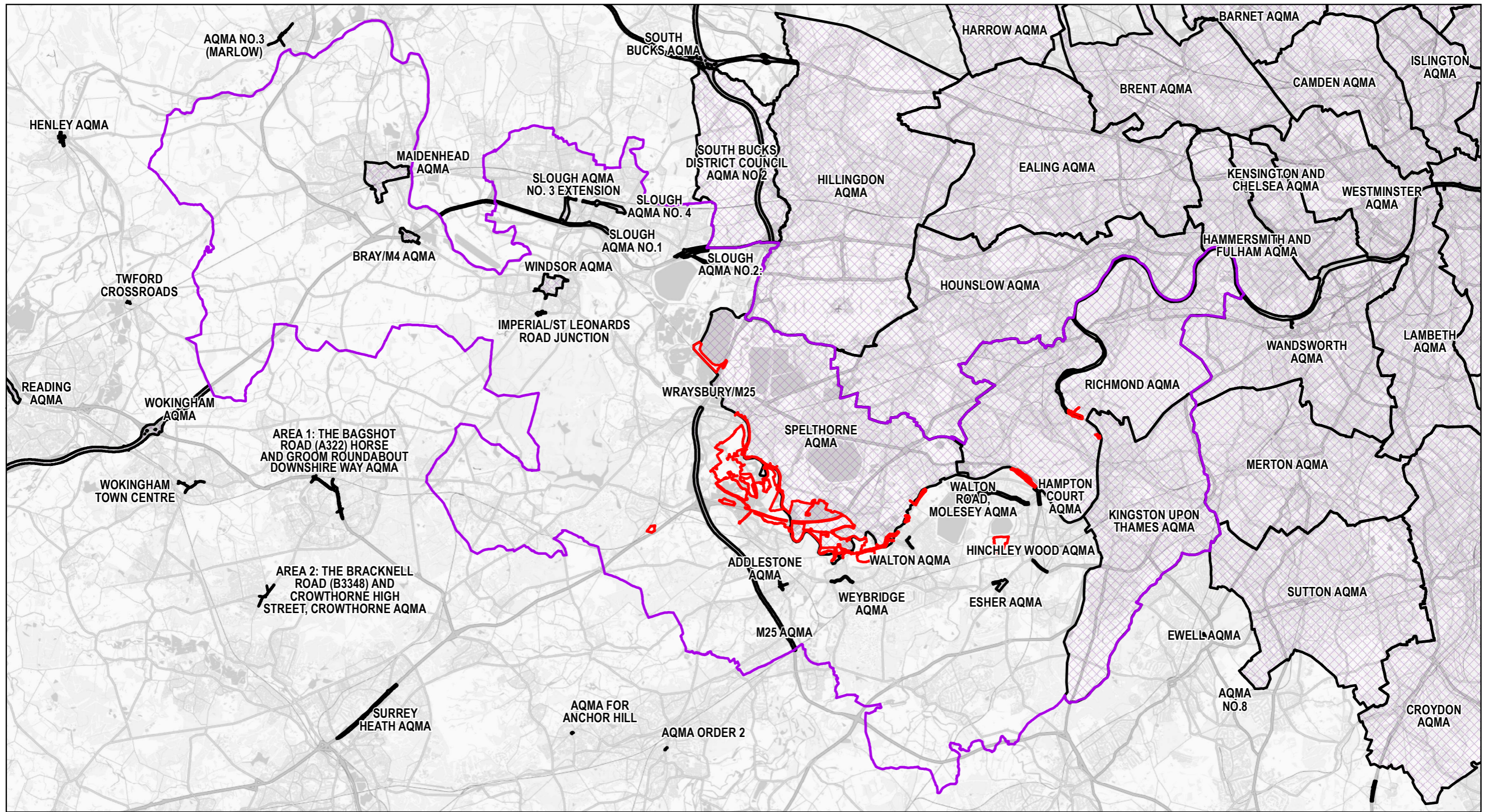
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RIVER THAMES SCHEME
 EIA SCOPING REPORT - FIGURE 6-1:

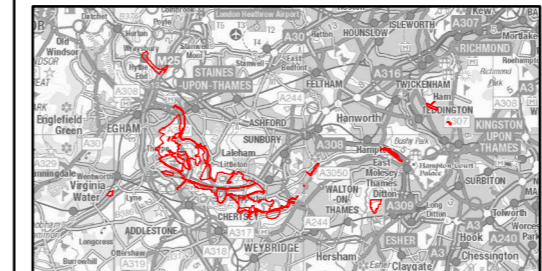
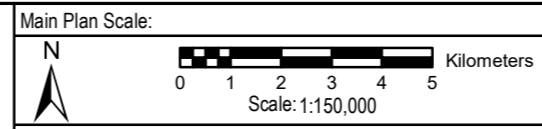
AIR QUALITY:
 AIR QUALITY STUDY AREAS

Rev.	Drawn	Chkd	Rwrd	Apprvd	Date	Description
P01	MA	GL	VL	ES	18/08/2022	FOR REVIEW AND COMMENT
P02	AJ	GL	VL	ES	21/09/2022	UPDATED FOLLOWING CLIENT REVIEW
Status: S3						
Designed by: DM			Date: 08/22		Revision: P02	

Scale: 1:160,000 Project Number: 123703 Drawing Number: ENV/MSE/00260-GVB-ZZ-322-DR-EN-10115



- Legend**
- PROJECT BOUNDARY FOR EIA SCOPING
 - AIR QUALITY - VEHICLE EMISSIONS STUDY AREA FOR EIA SCOPING
 - AIR QUALITY MANAGEMENT AREA



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River Thames Scheme
 PROTECTING our communities
 SECURING our economy
 ENHANCING our Thames

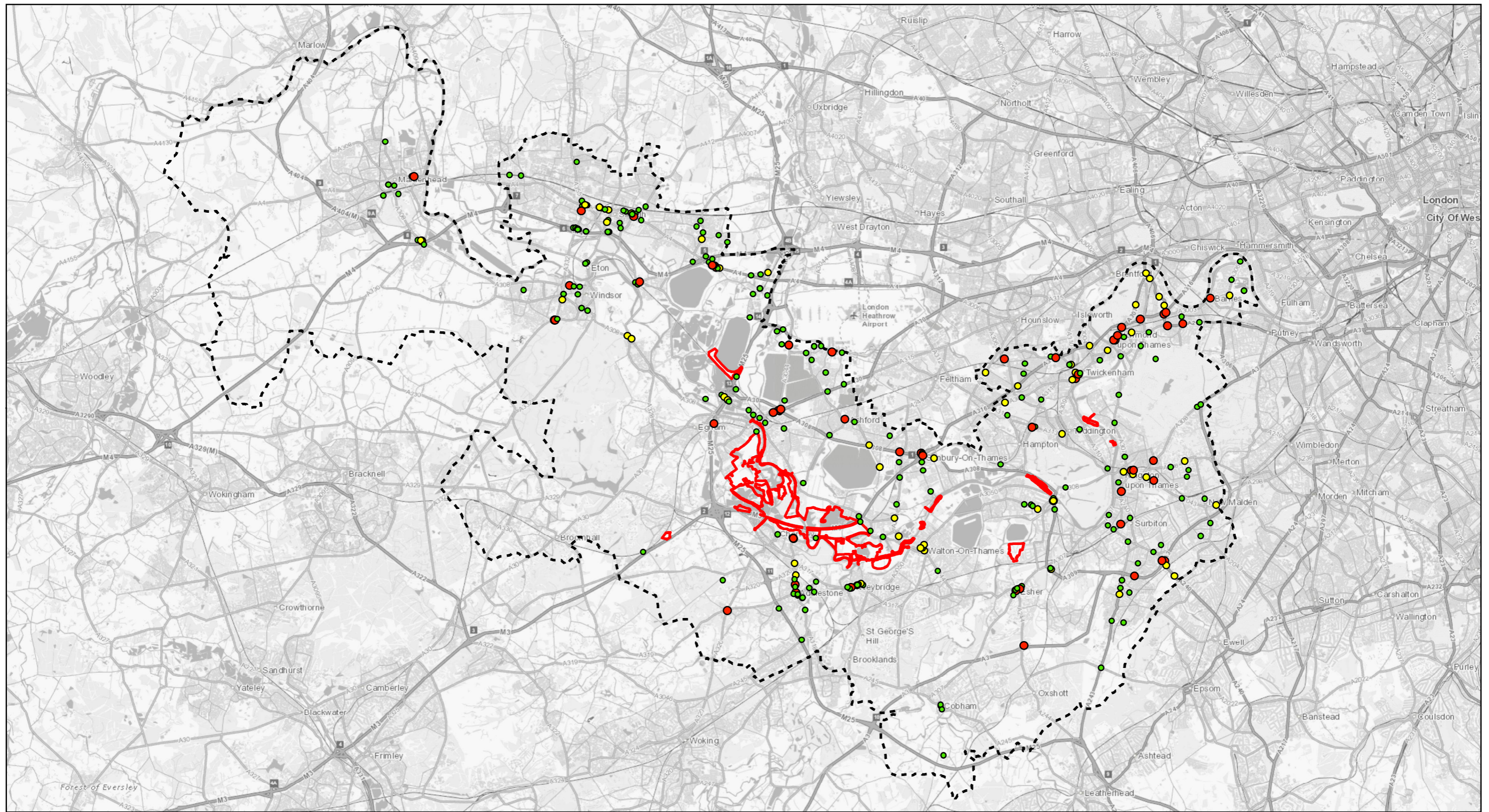
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RIVER THAMES SCHEME

**EIA SCOPING REPORT - FIGURE 6-2:
 AIR QUALITY MANAGEMENT AREAS**

Rev.	Drawn	Chkd	Rvwd	Apprvd	Date	Description
P01	TW	GL	VL	ES	18/08/2022	FOR REVIEW AND COMMENT
P02	MA	GL	VL	ES	21/09/2022	UPDATED FOLLOWING CLIENT REVIEW
Status: S3						
Designed by: XS		Date: 08/22			Revision: P02	
Scale: 1:150,000 Project Number: 123703 Drawing Number: ENV/MS/00260/GBV-ZZ-33Z-DR-EN-10031						

R:\Project\2303_RTS_DOC\04_Workspace\2_Base_Maps\EIA_Scoping_Plan\ENVI\MS/00260/GBV-ZZ-33Z-DR-EN-10031.mxd A4418093 21/09/2022



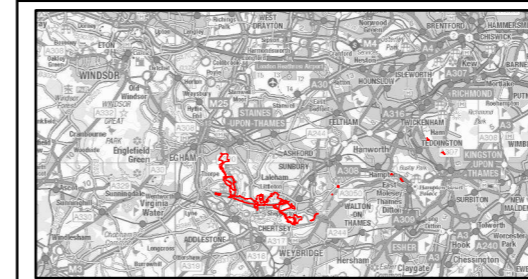
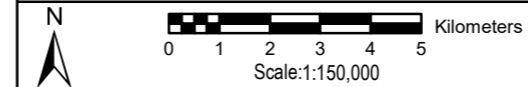
Legend

- PROJECT BOUNDARY FOR EIA SCOPING
- AIR QUALITY - VEHICLE EMISSIONS STUDY AREA FOR EIA SCOPING

2019 ANNUAL MEAN NO2 MONITORING RESULTS

- <math>< 36 \mu\text{g M}^{-3}</math>
- $36 - 40 \mu\text{g M}^{-3}$
- EXCEEDING $40 \mu\text{g M}^{-3}$

Main Plan Scale:



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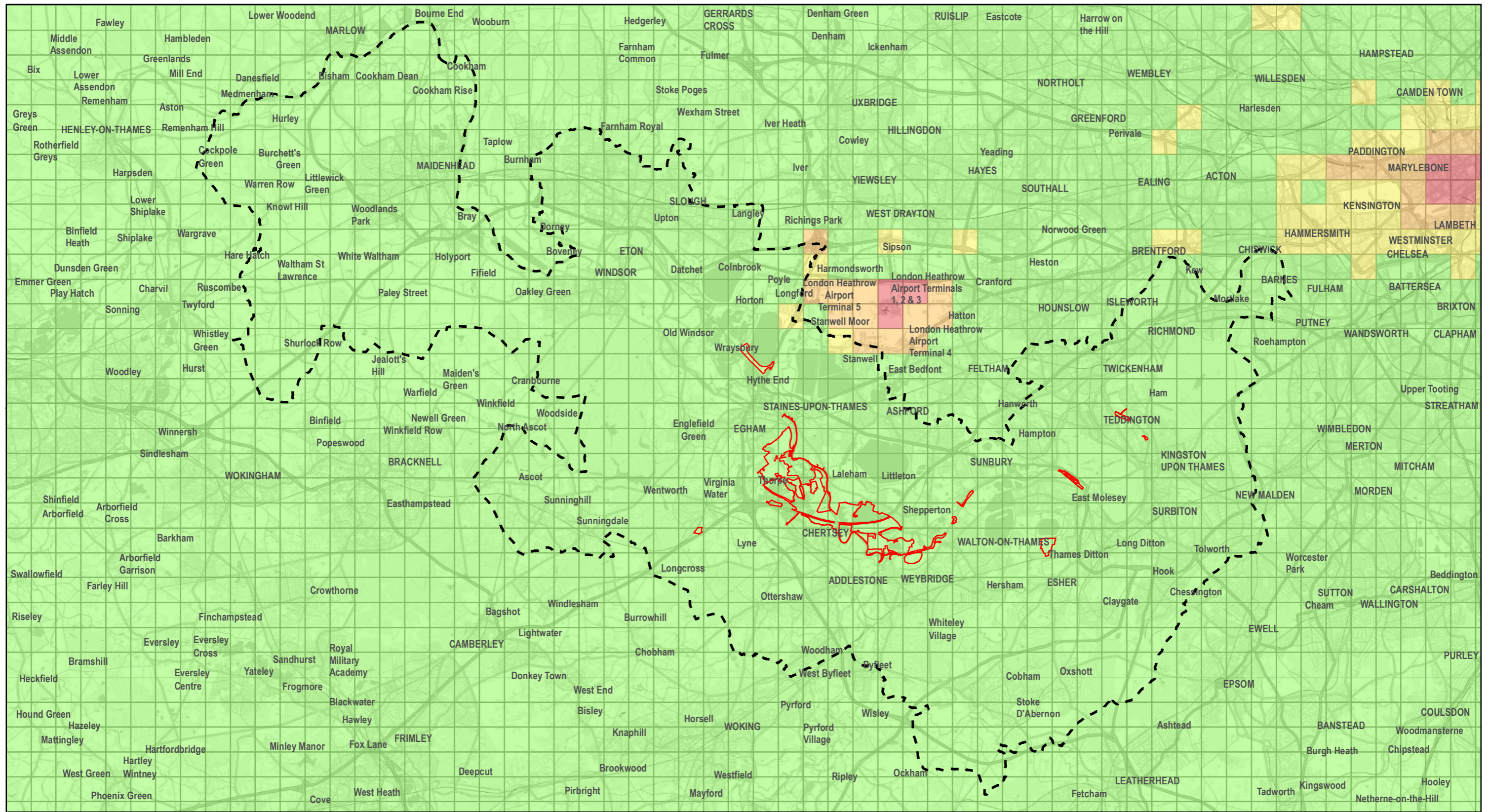
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**EIA SCOPING REPORT - FIGURE 6-3:
2019 ANNUAL MEAN NO2 MONITORING RESULTS**

Rev.	Drawn	Chkd	Rwdd	Apprvd	Date	Description
P01	TW	GL	VL	ES	18/08/2022	FOR REVIEW AND COMMENT
P02	MA	GL	VL	ES	21/09/2022	UPDATED FOLLOWING CLIENT REVIEW
Status: S3						
Designed by: DM		Date: 08/22			Revision: P02	
Scale: 1:150,000 Project Number: 123703 Drawing Number: ENVMS500260-GBV-ZZ-32Z-DR-EN-10033						

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Legend

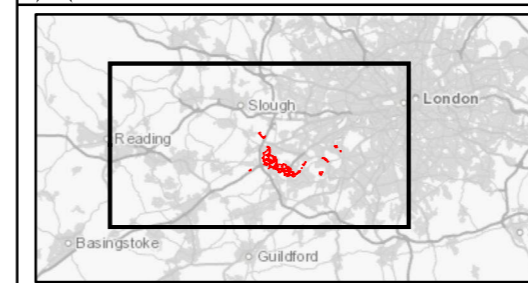
PROJECT BOUNDARY FOR EIA SCOPING

VEHICLE EMISSIONS STUDY AREA FOR EIA SCOPING

ANNUAL MEAN NO2 CONCENTRATIONS ($\mu\text{g M}^{-3}$) FROM UK-AIR BACKGROUND MAPS

- $< 30 \mu\text{g M}^{-3}$
- $30 - 35 \mu\text{g M}^{-3}$
- $36 - 40 \mu\text{g M}^{-3}$
- $> 40 \mu\text{g M}^{-3}$

Main Plan Scale:



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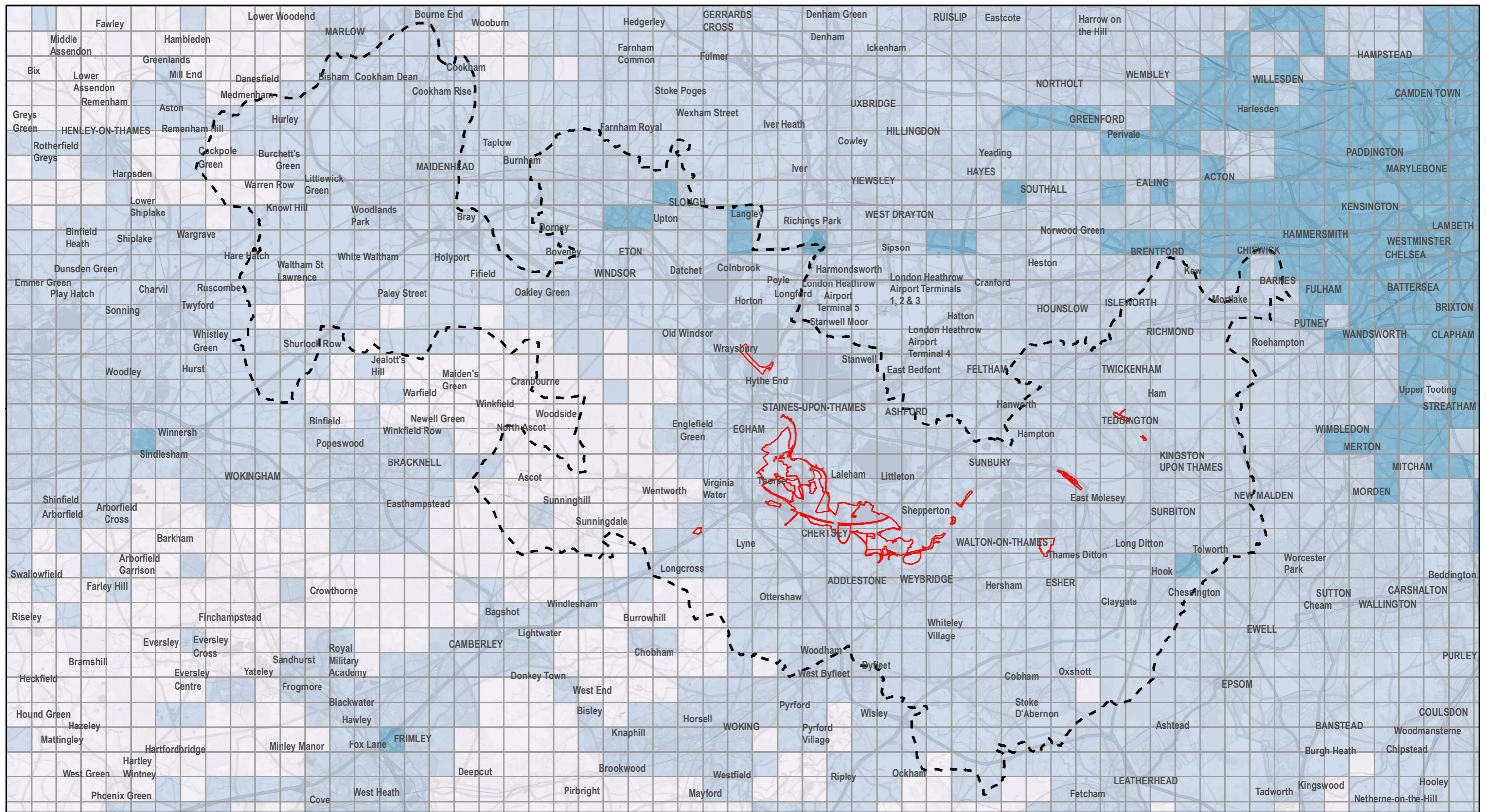
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EIA SCOPING REPORT - FIGURE 6-4:
ANNUAL MEAN NO2 CONCENTRATIONS ($\mu\text{g M}^{-3}$)
FROM UK-AIR BACKGROUND MAPS

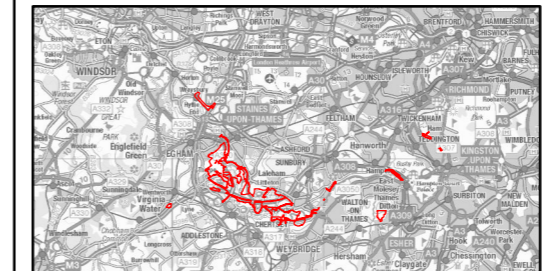
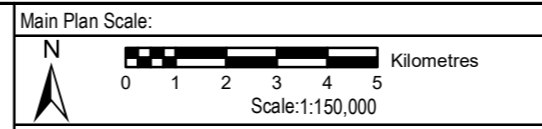
Rev.	Drawn	Chkd	Rwdd	Apprvd	Date	Description
P01	TW	GL	VL	ES	18/08/2022	FOR REVIEW AND COMMENT
P02	AJ	GL	VL	ES	21/09/2022	UPDATED FOLLOWING CLIENT REVIEW
Status: S3						
Designed by: DM		Date: 08/22			Revision: P02	

Scale: 1:150,000 Project Number: 123703 Drawing Number: ENVMS500260-GBV-ZZ-3Z2-OR-EN-10080



Legend

- PROJECT BOUNDARY FOR EIA SCOPING
- VEHICLE EMISSIONS STUDY AREA FOR EIA SCOPING
- ANNUAL MEAN PM10 CONCENTRATIONS ($\mu\text{g M}^{-3}$) FROM UK-AIR BACKGROUND MAPS
- $< 14 \mu\text{g M}^{-3}$
- $14 - 18 \mu\text{g M}^{-3}$
- $> 18 \mu\text{g M}^{-3}$



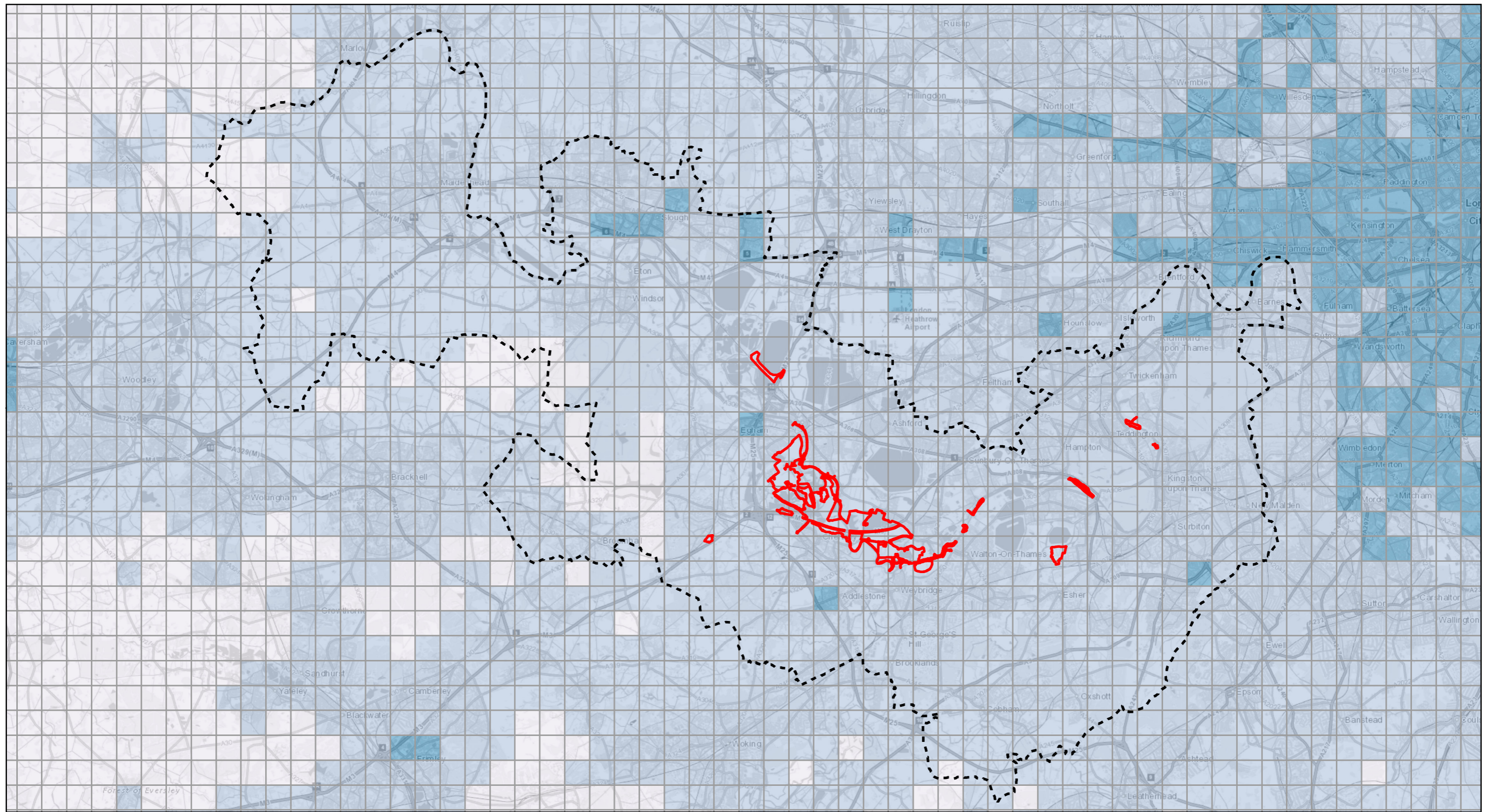
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**EIA SCOPING REPORT - FIGURE 6-5:
 ANNUAL MEAN PM10 CONCENTRATIONS ($\mu\text{g M}^{-3}$)
 FROM UK-AIR BACKGROUND MAPS**

Rev.	Drawn	Chkd	Rwdd	Apprvd	Date	Description
P01	TW	GL	VL	ES	18/08/2022	FOR INFORMATION
P02	AJ	GL	VL	ES	21/09/2022	UPDATED FOLLOWING CLIENT REVIEW
Status: S3						
Designed by: DM		Date: 08/22			Revision: P02	
Scale: 1:150,000 Project Number: 123703 Drawing Number: EN/MS/50280-GBV-22-33Z-OR-EN-10081						



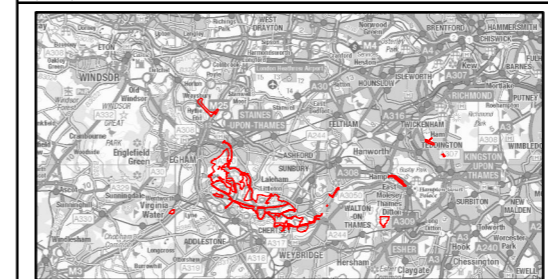
Legend

- PROJECT BOUNDARY FOR EIA SCOPING
- VEHICLE EMISSIONS STUDY AREA FOR EIA SCOPING

ANNUAL MEAN PM2.5 CONCENTRATIONS (µG/M3) FROM UK-AIR BACKGROUND MAPS

- < 9.5 µG/M⁻³
- < 9.5 - 12 µG/M⁻³
- >12 µG/M⁻³

Main Plan Scale:



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RIVER THAMES SCHEME

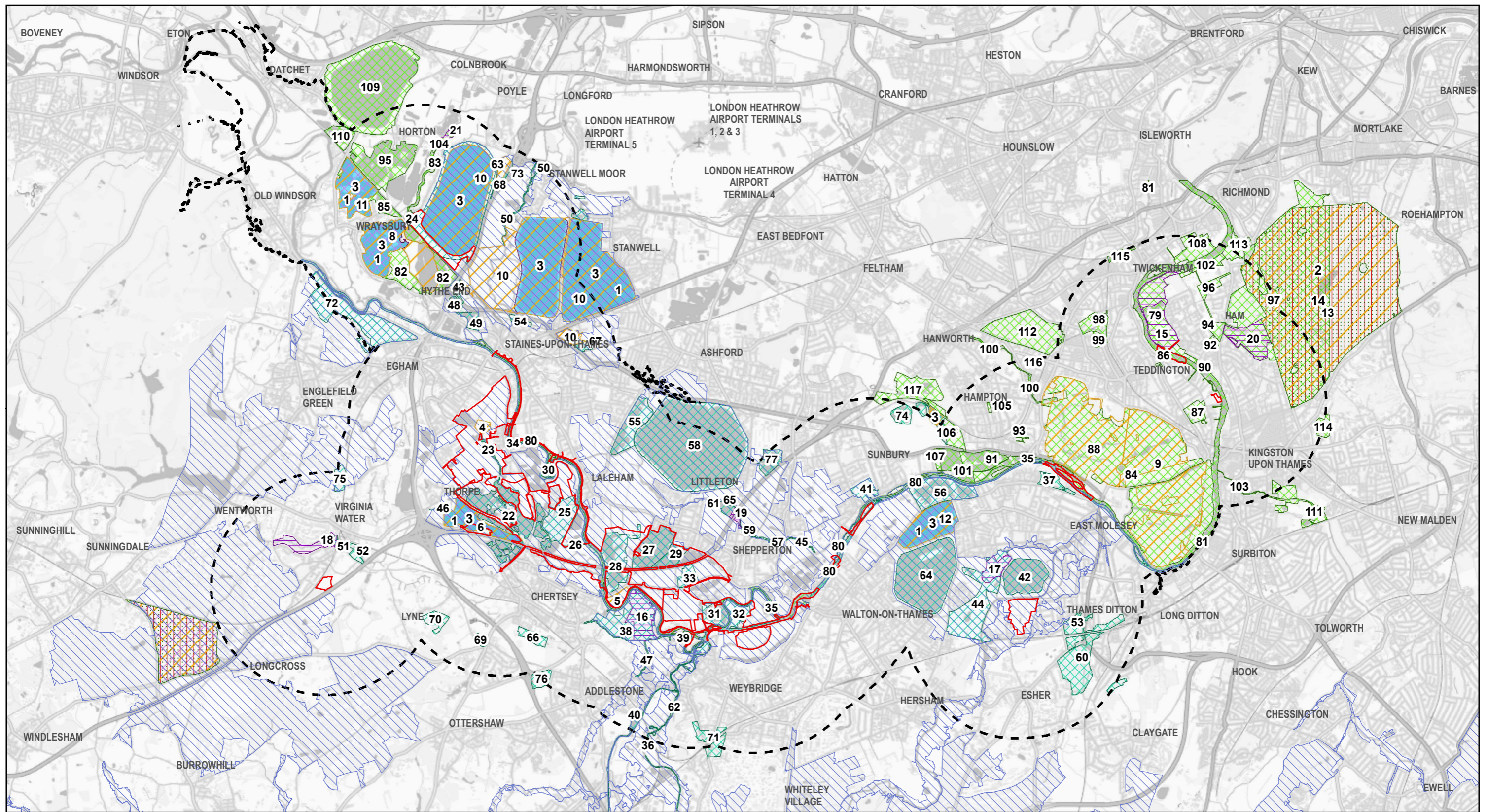
**EIA SCOPING REPORT - FIGURE 6-6:
ANNUAL MEAN PM2.5 CONCENTRATIONS (µG/M3)
FROM UK-AIR BACKGROUND MAPS**

Rev.	Drawn	Chkd	Rwdd	Apprvd	Date	Description
P01	TW	GL	VL	ES	18/08/2022	FOR REVIEW AND COMMENT
P02	AJ	GL	VL	ES	22/09/2022	UPDATED FOLLOWING CLIENT REVIEW

Status: **S3**

Designed by: **DM** Date: **08/22** Revision: **P02**

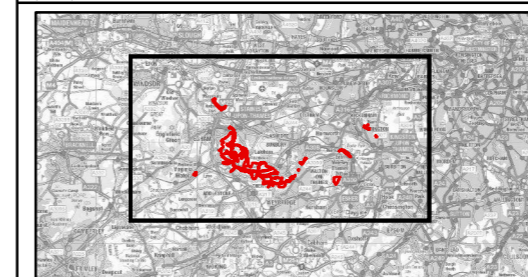
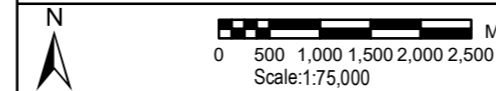
Scale: 1:150,000 Project Number: 123703 Drawing Number: ENV/MSE50260-GBV-ZZ-3Z-DR-EN-10082



Legend:

- PROJECT BOUNDARY FOR EIA SCOPING
- 2KM BUFFER FROM PROJECT BOUNDARY FOR EIA SCOPING
- SPECIAL AREA OF CONSERVATION (SAC)
- SITE OF SPECIAL SCIENTIFIC INTEREST (SSSI)
- LOCAL NATURE RESERVE (LNR)
- NATIONAL NATURE RESERVE (NNR)
- SPECIAL PROTECTION AREA (SPA)
- RAMSAR SITE
- SITE OF NATURE CONSERVATION INTEREST (SNCI)
- LOCAL WILDLIFE SITE (LWS)

Main Plan Scale:



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EIA SCOPING REPORT - FIGURE 7-1:
STATUTORY AND NON-STATUTORY DESIGNATED NATURE CONSERVATION SITES WITHIN 2KM OF PROJECT BOUNDARY FOR EIA SCOPING

Rev.	Drawn	Chkd	Rwdd	Apprvd	Date	Description
P01	TW	JS	VL	ES	05/08/2022	FOR REVIEW AND COMMENT
P02	AT	JS	VL	ES	22/09/2022	UPDATED FOLLOWING CLIENT REVIEW
Status: S3						
Designed by: RC			Date: 08/22		Revision: P02	

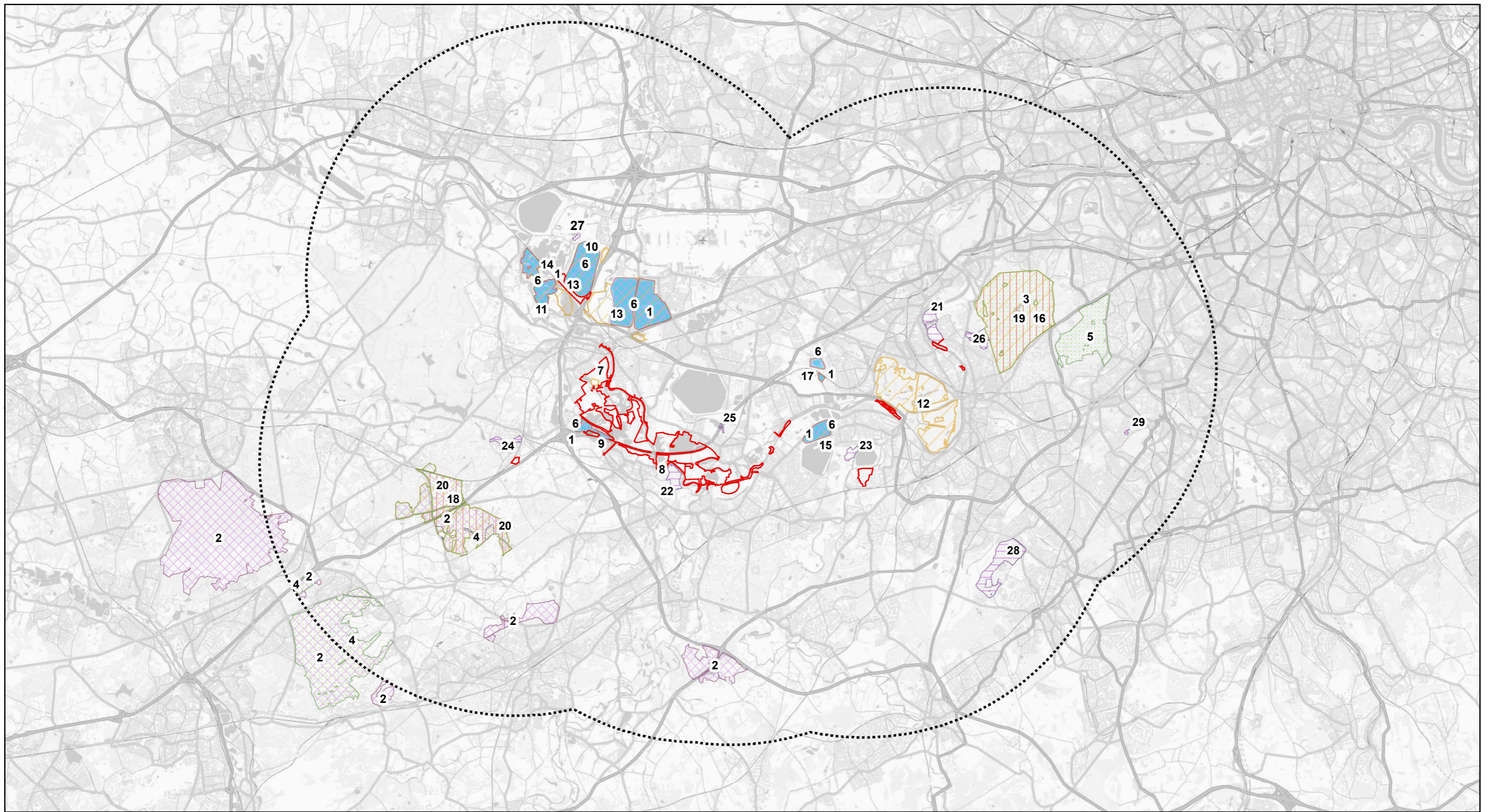
Scale: 1:75,000 Project Number: 123703 Drawing Number: ENVMS00260-GBV-ZZ-3Z2-DR-EN-10089

Site ID	Designation	Category	Name	Distance from Project Boundary for EIA Scoping (km)
1	Special Protection Area (SPA)	Statutory	South West London Waterbodies	0.00
2	Special Areas of Conservation (SAC)	Statutory	Richmond Park	1.29
3	RAMSAR	Statutory	South West London Waterbodies	0.00
4	Site of Special Scientific Interest (SSSI)	Statutory	Thorpe Hay Meadow	0.00
5	Site of Special Scientific Interest (SSSI)	Statutory	Dumsey Meadow	0.00
6	Site of Special Scientific Interest (SSSI)	Statutory	Thorpe Park No. 1 Gravel Pit	0.00
7	Site of Special Scientific Interest (SSSI)	Statutory	Wraysbury Reservoir	0.00
8	Site of Special Scientific Interest (SSSI)	Statutory	Wraysbury & Hythe End Gravel Pits	0.03
9	Site of Special Scientific Interest (SSSI)	Statutory	Bushy Park and Home Park	0.04
10	Site of Special Scientific Interest (SSSI)	Statutory	Staines Moor	0.06
11	Site of Special Scientific Interest (SSSI)	Statutory	Wraysbury No. 1 Gravel Pit	0.75
12	Site of Special Scientific Interest (SSSI)	Statutory	Knight & Bessborough Reservoirs	0.80
13	Site of Special Scientific Interest (SSSI)	Statutory	Richmond Park	1.29
14	National Nature Reserve (NNR)	Statutory	Richmond Park	1.29
15	Local Nature Reserve (LNR)	Statutory	Ham Lands	0.00
16	Local Nature Reserve (LNR)	Statutory	Chertsey Meads	0.04
17	Local Nature Reserve (LNR)	Statutory	Molesey Heath	0.50
18	Local Nature Reserve (LNR)	Statutory	Riverside Walk, Virginia Water	0.57
19	Local Nature Reserve (LNR)	Statutory	Ash Link	0.80
20	Local Nature Reserve (LNR)	Statutory	Ham Common, Richmond, London	0.89
21	Local Nature Reserve (LNR)	Statutory	Arthur Jacob Nature Reserve	1.41
22	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Abbey Lake Complex SNCI	0.00
23	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Chertsey Bourne at Abbey Lake Complex SNCI	0.00
24	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Wraysbury Reservoir SNCI	0.00
25	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Laleham Burway Golf Course SNCI	0.00
26	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Chertsey Water Works - Well Field SNCI	0.00
27	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Littleton Lake SNCI	0.00
28	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Shepperton Quarry SNCI	0.00
29	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Sheepwalk Lake SNCI	0.00

30	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Penton Hook Island SNCI	0.00
31	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Ferris Meadows SNCI	0.00
32	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Desborough Island SNCI	0.00
33	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Charlton Quarry SNCI	0.00
34	Site of Nature Conservation Interest (SNCI)	Non-Statutory	River Thames - Runnymede SNCI	0.00
35	Site of Nature Conservation Interest (SNCI)	Non-Statutory	River Thames - Elmbridge SNCI	0.00
36	Site of Nature Conservation Interest (SNCI)	Non-Statutory	River Wey - Elmbridge SNCI	0.01
37	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Hurst Park (incl. Hurst Minor and Hurst Meadows) SNCI	0.03
38	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Chertsey Meads SNCI	0.04
39	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Chertsey Bourne at Chertsey Meads SNCI	0.05
40	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Wey Navigation (including Addlestone Mill Pond) SNCI	0.07
41	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Sunbury Park SNCI	0.08
42	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Island Barn Reservoir SNCI	0.10
43	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Moor Lane Nature Reserve SNCI	0.20
44	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Field Common / Hersham Pits SNCI	0.27
45	Site of Nature Conservation Interest (SNCI)	Non-Statutory	River Ash: Gaston Bridge to Watersplash Farm SNCI	0.33
46	Site of Nature Conservation Interest (SNCI)	Non-Statutory	The Moat, Woodcock Farm SNCI	0.34
47	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Woburn Park Stream SNCI	0.36
48	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Hilda May Lake SNCI	0.53
49	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Church Lammas SNCI	0.53
50	Site of Nature Conservation Interest (SNCI)	Non-Statutory	River Colne (from County Boundary to Staines Moor), Stanwell Moor SNCI	0.55
51	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Riverside Walk, The Bourne SNCI	0.55
52	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Trumps Mill SNCI	0.56
53	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Ditton Common Golf Course SNCI	0.61
54	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Birch Green by River Ash SNCI	0.64
55	Site of Nature Conservation Interest (SNCI)	Non-Statutory	West of Queen Mary Reservoir SNCI	0.70
56	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Molesey Reservoir SNCI	0.78
57	Site of Nature Conservation Interest (SNCI)	Non-Statutory	River Ash SNCI: Splash Meadow to Gaston Bridge SNCI	0.78

58	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Queen Mary Reservoir SNCI	0.78
59	Site of Nature Conservation Interest (SNCI)	Non-Statutory	River Ash: Splash Meadow SNCI	0.83
60	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Littleworth Common SNCI	0.87
61	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Littleton Lake - Shepperton Green Reservoir SNCI	0.88
62	Site of Nature Conservation Interest (SNCI)	Non-Statutory	River Wey - Runnymede SNCI	0.91
63	Site of Nature Conservation Interest (SNCI)	Non-Statutory	West of Poyle Meadows SNCI	1.00
64	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Queen Elizabeth II Reservoir SNCI	1.03
65	Site of Nature Conservation Interest (SNCI)	Non-Statutory	River Ash: Shepperton Green SNCI	1.06
66	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Pannells Farm SNCI	1.15
67	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Shortwood Common North SNCI	1.22
68	Site of Nature Conservation Interest (SNCI)	Non-Statutory	East of Poyle Meadows SNCI	1.25
69	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Hardwick Court Farm Fields SNCI	1.30
70	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Fan Grove SNCI	1.37
71	Site of Nature Conservation Interest (SNCI)	Non-Statutory	The Heath SNCI	1.51
72	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Runnymede SNCI (including Cooper's Hill and Cooper's Hill Slopes)	1.53
73	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Greenham's Fishing Pond SNCI	1.67
74	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Kempton Lake & Half Moon Covert SNCI	1.70
75	Site of Nature Conservation Interest (SNCI)	Non-Statutory	The Dell - Ancient Woodland SNCI	1.71
76	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Simplemarsh Farm SNCI	1.76
77	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Ashford Plant SNCI	1.76
78	Site of Nature Conservation Interest (SNCI)	Non-Statutory	Redhouse Reservoir SNCI	1.86
79	Local Wildlife Site	Non-Statutory	Ham Lands	0.00
80	Local Wildlife Site	Non-Statutory	River Thames (and towpath) Spelthorne	0.00
81	Local Wildlife Site	Non-Statutory	River Thames and tidal tributaries	0.00
82	Local Wildlife Site	Non-Statutory	Wraysbury II Gravel Pits	0.01
83	Local Wildlife Site	Non-Statutory	Colne Brook	0.03
84	Local Wildlife Site	Non-Statutory	Bushy Park and Home Park	0.04
85	Local Wildlife Site	Non-Statutory	Wraysbury I Gravel Pits	0.15
86	Local Wildlife Site	Non-Statutory	Churchyard of St Mary with St Alban, Teddington	0.15
87	Local Wildlife Site	Non-Statutory	The Copse at Hampton Wick and Normansfield Hospital	0.20

88	Local Wildlife Site	Non-Statutory	Hampton Court House Grounds	0.21
90	Local Wildlife Site	Non-Statutory	Royal Park Gate Open Space	0.30
91	Local Wildlife Site	Non-Statutory	Hampton Water Treatment Works	0.34
92	Local Wildlife Site	Non-Statutory	Cassel Hospital	0.52
93	Local Wildlife Site	Non-Statutory	Beveree Wildlife Site	0.55
94	Local Wildlife Site	Non-Statutory	Ham Common west	0.62
95	Local Wildlife Site	Non-Statutory	Horton and Kingsmead Lakes	0.69
96	Local Wildlife Site	Non-Statutory	The Copse, Holly Hedge Field and Ham Avenues	0.77
97	Local Wildlife Site	Non-Statutory	Richmond Park and associated areas	0.89
98	Local Wildlife Site	Non-Statutory	Strawberry Hill Golf Course	1.00
99	Local Wildlife Site	Non-Statutory	Teddington Cemetery	1.04
100	Local Wildlife Site	Non-Statutory	Longford River in Richmond	1.18
101	Local Wildlife Site	Non-Statutory	Stain Hill & Sunnyside Reservoirs	1.25
102	Local Wildlife Site	Non-Statutory	Petersham Lodge Wood and Ham House Meadows	1.27
103	Local Wildlife Site	Non-Statutory	Hogsmill River in Central Kingston	1.36
104	Local Wildlife Site	Non-Statutory	Arthur Jacobs Nature Reserve	1.41
105	Local Wildlife Site	Non-Statutory	Hampton Cemetery	1.44
106	Local Wildlife Site	Non-Statutory	Hydes Field	1.44
107	Local Wildlife Site	Non-Statutory	Portlane Brook and Meadow	1.46
108	Local Wildlife Site	Non-Statutory	Marble Hill Park and Orleans House Gardens	1.53
109	Local Wildlife Site	Non-Statutory	Queen Mother Reservoir	1.68
110	Local Wildlife Site	Non-Statutory	Datchet Common and Gravel Pits	1.86
111	Local Wildlife Site	Non-Statutory	Kingston Cemetery	1.87
112	Local Wildlife Site	Non-Statutory	Fulwell and Twickenham Golf Courses	1.87
113	Local Wildlife Site	Non-Statutory	Petersham Meadows	1.88
114	Local Wildlife Site	Non-Statutory	Coombe Wood Golf Course	1.89
115	Local Wildlife Site	Non-Statutory	Twickenham Junction Rough	1.93
116	Local Wildlife Site	Non-Statutory	St James' Churchyard, Hampton Hill	1.98
117	Local Wildlife Site	Non-Statutory	Kempton Waterworks	1.98



Legend:

- PROJECT BOUNDARY FOR EIA SCOPING
- 10KM BUFFER FROM THE PROJECT BOUNDARY ON EIA SCOPING
- SPECIAL PROTECTION AREAS (SPA)
- SPECIAL AREA OF CONSERVATION (SAC)
- RAMSAR SITE
- SITE OF SPECIAL SCIENTIFIC INTEREST (SSSI)
- NATIONAL NATURE RESERVE (NNR)
- LOCAL NATURE RESERVE (LNR)

Main Plan Scale:



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RIVER THAMES SCHEME

**EIA SCOPING REPORT - FIGURE 7-2:
STATUTORY DESIGNATED SITES WITHIN 10KM OF
PROJECT BOUNDARY FOR EIA SCOPING**

Rev.	Drawn	Chkd	Rvwd	Apprvd	Date	Description
P01	TW	CB	CD	VL	05/08/2022	FOR REVIEW AND COMMENT
P02	AT	CB	CD	VL	22/09/2022	UPDATED FOLLOWING CLIENT REVIEW
Status: S3						
Designed by: RC		Date: 08/22			Revision: P02	

Scale: 1:150,000 Project Number: 123703 Drawing Number: ENV/MSE/00260-GBV-ZZ-3Z2-DR-EN-10090

Site ID	Designation	Name	Distance from Project Boundary for EIA Scoping (km)
1	Special Protection Areas (SPA)	South West London Waterbodies	0.00
2	Special Protection Areas (SPA)	Thames Basin Heaths	3.38
3	Special Area of Conservation (SAC)	Richmond Park	1.29
4	Special Area of Conservation (SAC)	Thursley, Ash, Pirbright & Chobham	2.09
5	Special Area of Conservation (SAC)	Wimbledon Common	3.74
6	RAMSAR	South West London Waterbodies	0.00
7	Site of Special Scientific Interest (SSSI)	Thorpe Hay Meadow	0.00
8	Site of Special Scientific Interest (SSSI)	Dumsey Meadow	0.00
9	Site of Special Scientific Interest (SSSI)	Thorpe Park No. 1 Gravel Pit	0.00
10	Site of Special Scientific Interest (SSSI)	Wraysbury Reservoir	0.00
11	Site of Special Scientific Interest (SSSI)	Wraysbury & Hythe End Gravel Pits	0.03
12	Site of Special Scientific Interest (SSSI)	Bushy Park and Home Park	0.04
13	Site of Special Scientific Interest (SSSI)	Staines Moor	0.06
14	Site of Special Scientific Interest (SSSI)	Wraysbury No. 1 Gravel Pit	0.75
15	Site of Special Scientific Interest (SSSI)	Knight & Bessborough Reservoirs	0.80
16	Site of Special Scientific Interest (SSSI)	Richmond Park	1.29
17	Site of Special Scientific Interest (SSSI)	Kempton Park Reservoirs	2.03
18	Site of Special Scientific Interest (SSSI)	Chobham Common	2.09
19	National Nature Reserve (NNR)	Richmond Park	1.29
20	National Nature Reserve (NNR)	Chobham Common	2.09
21	Local Nature Reserve (NNR)	Ham Lands	0.00
22	Local Nature Reserve (NNR)	Chertsey Meads	0.04
23	Local Nature Reserve (NNR)	Molesey Heath	0.50
24	Local Nature Reserve (NNR)	Riverside Walk, Virginia Water	0.57
25	Local Nature Reserve (NNR)	Ash Link	0.80
26	Local Nature Reserve (NNR)	Ham Common, Richmond, London	0.89
27	Local Nature Reserve (NNR)	Arthur Jacob Nature Reserve	1.40
28	Local Nature Reserve (NNR)	Horton Country Park	5.81
29	Local Nature Reserve (NNR)	Cherry Wood	6.88