Appendix 1 – Site Allocations

Please note: Where site allocations also have planning permission, this assessment uses whichever site capacity is higher. Similarly, where neighbourhood plans state site capacities as a range, the highest end of the range is used.

Planning Policy Document	Policy Reference	Site Name	Development Type	Eastings	Northings	Site Area (Hectares)	Number of Dwellings	Employment Area (Hectares)
Emerging Joint Local Plan	AS1	Land at Berinsfield Garden Village	Residential & Employment	458271	196420	132.4	1700	5
Emerging Joint Local Plan	AS2	Land Adjacent to Culham Campus	Residential & Employment	452254	196142	217.3	3500	0
Emerging Joint Local Plan	AS3	Land South of Grenoble Road, Edge of Oxford	Residential & Employment	454941	201441	152.5	3000	10
Emerging Joint Local Plan	AS4	Land at Northfield, Edge of Oxford	Residential	456649	203476	68	1800	0
Emerging Joint Local Plan	AS5	Land at Bayswater Brook, Edge of Oxford	Residential	454756	208598	105	1100	0
Emerging Joint Local Plan	AS6	Rich's Sidings and Broadway, Didcot	Residential	453134	190097	3	100	0
Emerging Joint Local Plan	AS7	Didcot Gateway, Didcot	Residential	452573	190425	4.3	200	0
Emerging Joint Local Plan	AS8	North West of Grove, Grove	Residential	439074	190903	28.3	624	0
Emerging Joint Local Plan	AS9	North West of Valley Park, Didcot	Residential	449237	191210	33.25	800	0
Emerging Joint Local Plan	AS10	Land at Dalton Barracks Garden Village, Shippon	Residential & Employment	447544	198705	145	2750	7.4
Emerging Joint Local Plan	AS11	Culham Campus	Employment	453419	195842	77.3	0	2.3
Emerging Joint Local Plan	AS12	Harwell Campus	Employment	447530	186588	282	0	93
Emerging Joint Local Plan	AS15	Harcourt Hill Campus	Other	448734	204785	22.7	-	-
Emerging Joint Local Plan	AS16	Vauxhall Barracks, Didcot	Other	451685	190671	9.9	300	0
Emerging Joint Local Plan	HOU2a	Ladygrove East	Residential	453872	190244	23.5	750	0
Emerging Joint Local Plan	HOU2b	Didcot North East	Residential	453339	191858	147.9	2,351	0

Planning Policy Document	Policy Reference	Site Name	Development Type	Eastings	Northings	Site Area (Hectares)	Number of Dwellings	Employment Area (Hectares)
Emerging Joint Local Plan	HOU2c	Land West of Wallingford	Residential	459440	189968	29.9	555	0
Emerging Joint Local Plan	HOU2d	Land on Wheatley Campus, Oxford Brookes University	Residential	460200	206017	21.5	500	0
Emerging Joint Local Plan	HOU2e	Joyce Grove, Nettlebed	Residential	470088	186550	10.9	20	0
Emerging Joint Local Plan	HOU2f	North-East of East Hanney	Residential	442399	193254	2.4	48	0
Emerging Joint Local Plan	HOU2g	South-West Faringdon	Residential	427821	194735	10.5	190	0
Emerging Joint Local Plan	HOU2h	Milton Heights	Residential	448407	190739	25	458	0
Emerging Joint Local Plan	HOU2i	North-West Radley	Residential	452076	199009	12.2	240	0
Emerging Joint Local Plan	HOU2j	South of Kennington	Residential	452600	200803	11.8	283	0
Emerging Joint Local Plan	HOU2k	North of Shrivenham	Residential	423750	189412	31.5	515	0
Emerging Joint Local Plan	HOU2l	West of Stanford in the Vale	Residential	433602	193322	11.6	260	0
Emerging Joint Local Plan	HOU2m	Land South of Park Road, Faringdon	Residential	429068	194483	27.8	535	0
Emerging Joint Local Plan	HOU2n	North of Abingdon-on-Thames	Residential	450371	199473	50.7	1030	0
Emerging Joint Local Plan	HOU2o	South of Faringdon	Residential	427872	194283	18.4	325	0
Emerging Joint Local Plan	HOU2p	Monks Farm (North Grove)	Residential	440142	190949	60.6	885	6
Emerging Joint Local Plan	HOU2q	Grove Airfield	Residential	439012	190116	107.2	2500	0
Emerging Joint Local Plan	HOU2r	Valley Park	Residential	449985	190308	186	4517	0
Emerging Joint Local Plan	HOU2s	East of Kingston Bagpuize with Southmoor	Residential	441391	198180	34.7	600	0
Emerging Joint Local Plan	HOU2t	South-East of Marcham	Residential	446019	196606	3.5	87	0
Emerging Joint Local Plan	HOU2u	Crab Hill (North East Wantage and South East Grove)	Residential	441162	188789	98.7	1534	0

Planning Policy Document	Policy Reference	Site Name	Development Type	Eastings	Northings	Site Area (Hectares)	Number of Dwellings	Employment Area (Hectares)
Emerging Joint Local Plan	HOU2v	North West of Abingdon-on-Thames	Residential	449169	198779	12.6	200	0
Emerging Joint Local Plan	HOU2w	North of East Hanney	Residential	442107	193438	3.44	80	0
Emerging Joint Local Plan	HOU2x	East Sutton Courtenay	Residential	450344	193284	8.8	175	0
Emerging Joint Local Plan	JT1a	Southmead Industrial Estate, Didcot	Employment	452280	191604	2.6	0	2.7
Emerging Joint Local Plan	JT1b	Grove Technology Park	Employment	438511	189733	13.2	0	5.4
Emerging Joint Local Plan	JT1c	Land next to Milton Interchange (Enterprise Zone 2)	Employment	448419	190743	8	0	8.2
Emerging Joint Local Plan	JT1d	Hithercroft Industrial Estate, Wallingford	Employment	459852	189004	1.1	0	1.09
Emerging Joint Local Plan	JT1e	Monument Business Park, Chalgrove	Employment	464852	197406	2.3	0	2.25
Emerging Joint Local Plan	JT1f	Abingdon Science Park	Employment	451051	197380	16.7	0	0.7
Emerging Joint Local Plan	JT1g	Didcot A	Employment	450859	191490	36.4	0	29
Emerging Joint Local Plan	JT1h	Didcot Quarter (Enterprise Zone 2)	Employment	450218	192274	15.2	0	15.22
Emerging Joint Local Plan	JT1i	Former Esso Research Centre	Employment	447475	190428	11	0	11
Emerging Joint Local Plan	JT1k	South of Park Road, Faringdon	Employment	429068	194483	27.8	0	3
Emerging Joint Local Plan	JTl	Didcot Technology Park	Employment	452288	192081	23.4	0	23.4
Emerging Joint Local Plan	JT1m	Milton Park	Employment	449160	191776	83	0	5.36
Made Neighbourhood Plan	DRT001	South of the High Street	Residential	447838	193877	9.7	50	0
Made Neighbourhood Plan	DRT002	North of Barrow Road	Residential	447789	195005	8.0	56	0
Made Neighbourhood Plan	DRT003	Manor Farm	Residential	447803	194358	3.9	140	0

Planning Policy Document	Policy Reference	Site Name	Development Type	Eastings	Northings	Site Area (Hectares)	Number of Dwellings	Employment Area (Hectares)
Made Neighbourhood Plan	GFA001	Wicklesham Quarry	Employment	429253	194186	11.9	0	11.94
Made Neighbourhood Plan	GFA002	Land North West of Gloucester Street Car Park	Mixed use	428648	195697	1.2	0	1.17
Made Neighbourhood Plan	GFA003	Land behind Pioneer Road	Employment	428933	195076	0.9	0	0.86
Made Neighbourhood Plan	GFA006	Wicklesham Farm	Employment	429598	194171	1.0	0	1.01
Made Neighbourhood Plan	CRW001	Land at Howbery Park, Benson Lane, Crowmarsh Gifford	Employment	461682	190094	0.3	0	0.28
Made Neighbourhood Plan	BAL001	02 - TB	Residential	456771	200690	0.75	3	0
Made Neighbourhood Plan	BAL002	04 - TB	Residential	456326	200574	0.26	3	0
Made Neighbourhood Plan	BAL003	08 - TB	Residential	456574	199729	0.16	3	0
Made Neighbourhood Plan	BAL004	09 - TB	Residential	456614	199555	0.24	3	0
Made Neighbourhood Plan	BAL005	15 - MB	Residential	456471	199616	0.12	6	0
Made Neighbourhood Plan	BAL006	16 - MB	Residential	456163	199450	0.29	6	0
Made Neighbourhood Plan	BAL007	20 - MB	Residential	455898	199094	0.04	6	0
Made Neighbourhood Plan	BAL008	21 - MB	Residential	455883	199105	0.12	6	0
Made Neighbourhood Plan	BAL009	18 - MB	Residential	456504	199289	0.32	6	0
Made Neighbourhood Plan	BEN001	Land north and north east of The Sands	Residential	462075	192484	14.94	240	0
Made Neighbourhood Plan	BEN003	Land off Hale Road	Residential	461682	192275	3.48	78	0
Made Neighbourhood Plan	BEN004	Land to the north of Littleworth Road	Residential	461341	192176	18.44	241	0
Made Neighbourhood Plan	BRG001	Bosley's Orchard	Residential	458560	191043	1.2	20	0
Made Neighbourhood Plan	BRG003	Thorne's Nursery	Residential	457879	191019	1.3	4	0

Planning Policy Document	Policy Reference	Site Name	Development Type	Eastings	Northings	Site Area (Hectares)	Number of Dwellings	Employment Area (Hectares)
Made Neighbourhood Plan	BRG004	Strange's (Slade End) Nursery	Residential	458867	190540	0.39	6	0
Made Neighbourhood Plan	BRG005	Slade End South to West of Green Lane	Residential	458894	190505	0.08	1	0
Made Neighbourhood Plan	BRG006	Slade End Farm	Residential	458943	190474	0.48	6	0
Made Neighbourhood Plan	CHA001	Land to the East of Chalgrove	Residential	464311	196612	7.15	120	0
Made Neighbourhood Plan	CHA002	Land to the west of Marley Lane	Residential	462666	197401	16.78	200	0
Made Neighbourhood Plan	CHI004	CHi21 - Land South of Greenwood Avenue	Residential	475343	200245	3.81	140	0
Made Neighbourhood Plan	CUL001	Former Waggon and Horses	Residential	450982	195316	0.74	Not Specified	0
Made Neighbourhood Plan	EHA001	Western Village Plotlands	Residential	452431	188465	3.47	74	0
Made Neighbourhood Plan	GOR001	Cleeve Park Cottages	Residential	460796	181571	0.67	14	0
Made Neighbourhood Plan	GOR002	Manor Road	Residential	460112	180184	2.62	20	0
Made Neighbourhood Plan	GOR003	Thames Court	Residential	459972	180838	0.32	14	0
Made Neighbourhood Plan	GOR004	Wallingford Road	Residential	460470	181758	3.79	46	0
Made Neighbourhood Plan	GOR005	The site next to Gatehampton Road	Residential	460556	180260	0.6	16	0
Made Neighbourhood Plan	HHA003	Henley Youth Club	Residential	475824	182341	0.35	23	0
Made Neighbourhood Plan	HHA007	Part of 357 Reading Road	Mixed use	476808	181461	0.48	50	0
Made Neighbourhood Plan	HHA008	Chiltern's End	Residential	475139	181811	0.97	27	0
Made Neighbourhood Plan	HHA014	Land at Newton Road	Employment	476712	181709	0.17	0	0.17
Made Neighbourhood Plan	HHA027	Site M1 Land at Highlands Farm	Mixed use	474348	181488	7.3	110	1
Made Neighbourhood Plan	HHA028	Site Y Chiltern Centre	Residential	475182	181806	0.09	3	0

Planning Policy Document	Policy Reference	Site Name	Development Type	Eastings	Northings	Site Area (Hectares)	Number of Dwellings	Employment Area (Hectares)
Made Neighbourhood Plan	HHA029	Site A1 Land West of Fairmile	Residential	475301	183450	4.4	72	0
Made Neighbourhood Plan	HHA030	Site C Gillotts School Playing Field	Residential	475288	181310	3.37	50	0
Made Neighbourhood Plan	HHA031	Site E Stuart Turner/Empstead Works	Mixed use	475928	182480	1.14	42	0
Made Neighbourhood Plan	KID001	CSF8 Tokers Green Lane	Residential	469717	179073	0.21	4	0
Made Neighbourhood Plan	LOW001	Long Wittenham Community Hub	Mixed use	454841	193476	6.42	45	0
Made Neighbourhood Plan	LOW002	Long Wittenham School Site	Residential	454766	193933	0.35	5	0
Made Neighbourhood Plan	LOW003	Long Wittenham Village Hall Site	Residential	454692	193847	0.18	2	0
Made Neighbourhood Plan	PYR001	Former MoD site	Residential	469288	195111	2.05	15	0
Made Neighbourhood Plan	SON008	Chiltern Edge Top	Residential	470243	179852	1.98	50	0
Made Neighbourhood Plan	SON009	Kidby's Yard	Employment	470647	179692	0.61	0	0.61
Made Neighbourhood Plan	SON010	Little Sparrows	Residential	471349	180478	4.52	133	0
Made Neighbourhood Plan	THA001	Lord William's Lower School	Residential	471764	205577	8.13	135	0
Made Neighbourhood Plan	THA002	Park Meadow Cottage	Residential	471120	204954	0.61	12	0
Made Neighbourhood Plan	THA003	Jane Morbey Road	Residential	470971	205062	0.44	18	0
Made Neighbourhood Plan	THA004	Reserve site C	Residential	471746	204680	5.69	57	0
Made Neighbourhood Plan	THA005	Reserve site F	Residential	469392	206001	6.96	78	0
Made Neighbourhood Plan	THA006	Site F	Residential	469675	206219	29.59	203	0
Made Neighbourhood Plan	THA007	Thame Site C	Residential	471389	204723	21.51	187	0

Planning Policy Document	Policy Reference	Site Name	Development Type	Eastings	Northings	Site Area (Hectares)	Number of Dwellings	Employment Area (Hectares)
Made Neighbourhood Plan	THA008	Land at Howland Road	Employment	472156	205125	2.96	Number of units not specified	2
Made Neighbourhood Plan	THA009	Cattle Market	Mixed use	470836	206069	1.29	Number of units not specified	Not specified
Made Neighbourhood Plan	THA010	Site D	Residential	470835	204856	21.79	175	0
Made Neighbourhood Plan	THA012	The Elms	Residential	470829	205568	2.88	45	0
Made Neighbourhood Plan	WAL001	Wallingford Site C	Employment	459739	189134	23.87	Number of units not specified	3.1
Made Neighbourhood Plan	WAL002	Site E	Residential	460127	188499	26.9	502	0
Made Neighbourhood Plan	WAR001	Six Acre Field	Residential	459871	193394	2.29	29	0
Made Neighbourhood Plan	WAT001	Land off Pyrton Lane	Residential	468515	195092	4.6	60	0
Made Neighbourhood Plan	WAT002	Land Off Cuxham Road and Willow Close	Residential	468249	194967	6.26	60	0
Made Neighbourhood Plan	WAT003	Land between Britwell Road and Cuxham Road	Residential	468139	194611	9.87	140	0
Made Neighbourhood Plan	WHE22	Littleworth Road Industrial Estate	Residential	458778	205511	0.5	25	0
Made Neighbourhood Plan	WOC004	Former Reservoir Site, Greenmore	Residential	464705	181341	0.47	20	0
Made Neighbourhood Plan	WOC005	Chiltern Rise Cottage and surrounding land	Residential	465071	182193	0.85	24	0
Made Neighbourhood Plan	WOC006	The Smallholding, Land at the end of Wood Lane	Residential	463880	181666	0.78	9	0
Made Neighbourhood Plan	WOC007	Woodcote Garden Centre, Reading Road	Residential	464903	182152	0.24	9	0
Made Neighbourhood Plan	WOC012	Land behind Yew Tree Farmhouse 1	Residential	463839	181932	0.29	5	0
Made Neighbourhood Plan	WOC013	Land behind Yew Tree Farmhouse 2	Residential	463809	181884	0.38	4	0

Planning Policy Document	Policy Reference	Site Name	Development Type	Eastings	Northings	Site Area (Hectares)	Number of Dwellings	Employment Area (Hectares)
Made Neighbourhood Plan	WOC014	Beechwood Court	Residential	464569	181103	0.25	14	0
Made Neighbourhood Plan	WOC015	Church Farm	Residential	464735	182130	1.48	30	0
Made Neighbourhood Plan	WOC016	Old Coal Yard Greenmore	Employment	464771	181406	0.34	0	0.37
Made Neighbourhood Plan	WOC017	Land west of Church Farmhouse	Employment	464493	182153	0.35	0	0.29
Made Neighbourhood Plan	WOC018	Wards Farm	Employment	464989	181698	0.23	0	0.14
Made Neighbourhood Plan	WHE15	Miss Tomb's Field	Mixed use	460639	205357	5.65	55	1.7
Made Neighbourhood Plan	WHE17	Mobb's Land	Employment	460644	205203	1.46	0	1.4
Made Neighbourhood Plan	WHE16	The Bungalows Site	Residential	461012	205178	0.89	10	0
						Total No of Dwellings		**38577**
						Total Employment Land		**257.1**

Appendix 1 – Windfall Development

South Oxfordshire District

Sewage Treatment Work (STW) Catchment	Windfall Estimate (dwellings per annum)	Total Windfalls to 2041
ABINGDON STW	0.03	0.55
BECKLEY STW	0.43	7.30
BENSON STW	23.19	394.19
CHALGROVE STW	3.57	60.66
CHINNOR STW	10.03	170.45
CHOLSEY STW	18.59	316.05
CUDDESDON STW	0.53	8.95
CULHAM STW	4.02	68.26
DIDCOT STW	38.74	658.61
DORCHESTER STW	2.67	45.43
DRAYTON STW	0.00	0.00
ELSFIELD STW	0.10	1.74
FOREST HILL STW	0.62	10.52
GORING STW	9.71	165.07
GREAT MILTON STW	0.78	13.28
HENLEY STW	19.01	323.09
HUNTERCOMBE STW	0.23	3.95
LEWKNOR STW	0.47	7.93
LITTLE MILTON STW	1.26	21.34
LONG WITTENHAM STW	1.03	17.44
NETTLEBED STW	0.88	15.02
NUNEHAM COURTENAY STW	0.53	9.08
OXFORD STW	5.15	87.52
PANGBOURNE STW	0.00	0.00
READING STW	0.94	15.99

SHILLINGFORD HILL (WALLINGFORD) STW	0.01	0.13
SHIRBURN STW	0.08	1.36
SONNING COMMON STW	6.31	107.20
SOUTH MORETON STW	1.45	24.65
STADHAMPTON STW	1.26	21.34
STANTON ST JOHN STW	0.38	6.45
STREATLEY STW	0.00	0.00
TETSWORTH STW	1.15	19.47
THAME STW	15.67	266.41
TIDDINGTON STW	0.83	14.04
TOWERSEY STW	0.51	8.70
WARGRAVE STW	2.99	50.91
WATLINGTON STW	4.10	69.66
WHEATLEY STW	6.02	102.37
WHITCHURCH STW	1.69	28.80
WOODEATON STW	0.06	1.10
WORMINGHALL STW	0.00	0.00
Total	**185**	**3145**

Vale of White Horse District

Sewage Treatment Work (STW) Catchment	Windfall Estimate (dwellings per annum)	Total Windfalls to 2041
ABINGDON STW	58.50	994.57
APPLETON STW	8.90	151.24
BOURTON OXON STW	0.37	6.36
BUCKLAND STW	0.46	7.82
BUSCOT STW	0.08	1.30
CHARNEY BASSETT STW	0.35	5.99
COLESHILL STW	0.21	3.54
DIDCOT STW	13.35	227.01
DRAYTON STW	10.77	183.08
EATON HASTINGS STW	0.05	0.83
FARINGDON STW	12.16	206.79
KINGSTON BAGPUIZE STW	4.76	80.88
LITTLEWORTH STW	0.21	3.49
OXFORD STW	31.05	527.83
SHELLINGFORD STW	0.21	3.65
SHRIVENHAM STW	8.12	138.11
STANFORD IN THE VALE STW	3.54	60.19
UFFINGTON STW	1.05	17.77
WANTAGE STW	36.85	626.53
Total	**191**	**3247**

Appendix 2 – Thames Water RAG Reports

Based upon RAG assessment data provided by the Thames Water[1] [2].

Water Supply Infrastructure RAG Assessment

Site Name	Purpose	Dwellings	Employment (Ha)	District Metering Area (DMA) Name	Water Supply Infrastructure RAG Score
02 - TB	Residential	6		BRASENOSE	Capacity Check acceptable. Impact assessment may be required in the future.
04 - TB	Residential	6		BRASENOSE	Capacity Check acceptable. Impact assessment may be required in the future.
08 - TB	Residential	6		BRASENOSE	Capacity Check acceptable. Impact assessment may be required in the future.
09 - TB	Residential	6		BRASENOSE	Capacity Check acceptable. Impact assessment may be required in the future.
15 - MB	Residential	6		BRASENOSE	Capacity Check acceptable. Impact assessment may be required in the future.
16 - MB	Residential	6		BRASENOSE	Capacity Check acceptable. Impact assessment may be required in the future.
18 - MB	Residential	6		BRASENOSE	Capacity Check acceptable. Impact assessment may be required in the future.
20 - MB	Residential	6		BRASENOSE	Capacity Check acceptable. Impact assessment may be required in the future.
21 - MB	Residential	6		BRASENOSE	Capacity Check acceptable. Impact assessment may be required in the future.
Abingdon Science Park	Employment		0.7	ABINGDON	*DMA Threshold = 50, so additional employment area likely to face barriers*
Beechwood Court	Residential	14		WOODCOTE LOCAL BOOSTER	Capacity Check acceptable. Impact assessment may be required in the future.
Bosley's Orchard	Residential	20		BEGGERSBUSH	Capacity Check acceptable. Impact assessment may be required in the future.
Cattle Market	Mixed Use			THAME	*DMA Threshold = 25, so additional employment area likely to face barriers*
CHi21	Residential	140		CHINNOR	DMA THRESHOLD =25
Chiltern Edge Top	Residential	50		KINGSWOOD COMMON	Capacity Check acceptable. Impact assessment may be required in the future.
Chiltern Rise Cottage and surrounding land	Residential	24		NETTLEBED	DMA Threshold = 15
Chiltern's End	Residential	27		NEW FARM	Capacity Check acceptable. Impact assessment may be required in the future.

[1] Thames Water (2024) *S Ox and Vale of White Horse Ragging request 2nd edition 04062024.xlsx*
[2] Thames Water (2024) *wheatley_sites.xlsx*

Site Name	Purpose	Dwellings	Employment (Ha)	District Metering Area (DMA) Name	Water Supply Infrastructure RAG Score
Church Farm	Residential	30		WOODCOTE	Capacity concerns
Cleeve Park Cottages	Residential	14		CLEEVE	Capacity Check acceptable. Impact assessment may be required in the future.
Crab Hill (North East Wantage and South East Grove)	Residential	1500		WANTAGE	Threshold for site = 50
CSF8 Tokers Green Lane	Residential	4		WOODCOTE	Capacity Check acceptable. Impact assessment may be required in the future.
Culham Science Centre	Employment		7.3	CULHAM	*DMA Threshold = 50, so additional employment area likely to face barriers*
Didcot A	Employment		29	HAGBOURNE HILL	*DMA Threshold = 50-91, so additional employment area likely to face barriers*
Didcot Gateway, Didcot	Residential	200		HAGBOURNE HILL	Capacity concerns
Didcot North East	Residential	2030		HAGBOURNE HILL	DMA THRESHOLD =50-250
East of Kingston Bagpuize with Southmoor	Residential	600		ABINGDON	Threshold for site = 50
East Sutton Courtenay	Residential	150		HAGBOURNE HILL	Capacity concerns
Former MoD site	Residential	15		CHINNOR	Capacity Check acceptable. Impact assessment may be required in the future.
Former Reservoir Site, Greenmore	Residential	20		WOODCOTE LOCAL BOOSTER	Capacity Check acceptable. Impact assessment may be required in the future.
Former Waggon and Horses	Residential			CULHAM	-
Grove Airfield	Residential	2500		WANTAGE	Threshold for site = 50
Grove Technology Park	Employment		5.4	HACKPEN	-
Harwell Campus	Employment		93	WANTAGE	*DMA Threshold = 50, so additional employment area likely to face barriers*
Henley Youth Club	Residential	23		NEW FARM	Capacity Check acceptable. Impact assessment may be required in the future.
Hithercroft Industrial Estate, Wallingford	Employment		1.09	BEGGERSBUSH	*DMA Threshold = 15, so additional employment area likely to face barriers*
Jane Morbey Road	Residential	18		THAME	Capacity Check acceptable. Impact assessment may be required in the future.
Joyce Grove, Nettlebed	Residential	15		NETTLEBED	DMA Threshold = 15
Kidby's Yard	Employment			KINGSWOOD COMMON	-
Ladygrove East, Didcot	Residential	642		HAGBOURNE HILL	DMA THRESHOLD =50-250
Land Adjacent to Culham Science Centre	Residential	3500		CULHAM	DMA THRESHOLD =50
land at Bayswater Brook, Edge of Oxford	Residential	1100		BECKLEY	DMA THRESHOLD =50-167
Land at Berinsfield Garden Village	Residential	1700	5	CULHAM	DMA THRESHOLD =50
Land at Dalton Barracks Garden Village	Residential	2750		ABINGDON	Threshold for site = 50
Land at Howbery Park, Benson Lane, Crowmarsh Gifford	Employment		0.28	BEGGERSBUSH	*DMA Threshold = 15, so additional employment area likely to face barriers*

Site Name	Purpose	Dwellings	Employment (Ha)	District Metering Area (DMA) Name	Water Supply Infrastructure RAG Score
Land at Howland Road	Employment		2	THAME	*DMA Threshold = 25, so additional employment area likely to face barriers*
Land at Newton Road	Employment			NEW FARM	-
Land at Northfield, Edge of Oxford	Residential	1800		HORSPATH	DMA THRESHOLD =50
Land behind Pioneer Road	Employment			FARINGDON	*Some capacity concerns*
Land behind Yew Tree Farmhouse 1	Residential	5		WOODCOTE	Capacity Check acceptable. Impact assessment may be required in the future.
Land behind Yew Tree Farmhouse 2	Residential	4		WOODCOTE	Capacity Check acceptable. Impact assessment may be required in the future.
Land between Britwell Road and Cuxham Road	Residential	140		CHINNOR	Capacity concerns
Land north and north east of The Sands	Residential	240		BEGGERSBUSH	DMA Threshold = 50-250
Land North West of Gloucester Street Car Park	Mixed			FARINGDON	*Some capacity concerns*
Land Off Cuxham Road and Willow Close	Residential	60		BRITWELL	Capacity concerns
Land off Hale Road	Residential	80		BEGGERSBUSH	Capacity Check acceptable. Impact assessment may be required in the future.
Land off Pyrton Lane	Residential	60		CHINNOR	Capacity concerns
Land on Wheatley Campus, Oxford Brookes	Residential	500		HORSPATH	DMA Threshold = 50
Land South of Grenoble Road, Edge of Oxford	Residential	3000	10	BRASENOSE	DMA THRESHOLD =50
Land South of Park Road, Faringdon	Residential	350		FARINGDON	Net property increase is above the agreed upon DMA for growth.
Land to the East of Chalgrove	Residential	120		BRITWELL	Capacity concerns
Land to the north of Littleworth Road	Residential	428		BEGGERSBUSH	DMA Threshold = 50-250
Land to the west of Marley Lane	Residential	200		BRITWELL	Capacity concerns
Land west of Church Farmhouse	Employment			WOODCOTE	-
Land West of Wallingford	Residential	555		BEGGERSBUSH	DMA THRESHOLD =15
Land west of Wallingford Road	Residential	165		BEGGERSBUSH	Capacity concerns
Little Sparrows	Residential	133		KINGSWOOD COMMON	Capacity concerns
Littleworth Road Industrial Estate	Residential	25		HORSPATH	Capacity Check acceptable. Impact assessment may be required in the future.
Long Wittenham Community Hub	Mixed use	45		BEGGERSBUSH	Capacity Check acceptable. Impact assessment may be required in the future.
Long Wittenham School Site	Residential	5		BEGGERSBUSH	Capacity Check acceptable. Impact assessment may be required in the future.
Long Wittenham Village Hall Site	Residential	2		BEGGERSBUSH	Capacity Check acceptable. Impact assessment may be required in the future.
Lord William's Lower School	Residential	135		THAME	DMA Threshold = 25
Manor Farm	Residential	140		HAGBOURNE HILL	Capacity concerns

Site Name	Purpose	Dwellings	Employment (Ha)	District Metering Area (DMA) Name	Water Supply Infrastructure RAG Score
Manor Road	Residential	20		CLEEVE	Capacity Check acceptable. Impact assessment may be required in the future.
Milton Heights	Residential	400		HAGBOURNE HILL	DMA THRESHOLD =33
Milton Park	Employment		14	HAGBOURNE HILL	*DMA Threshold = 33, so additional employment area likely to face barriers*
Miss Tomb's Field	Mixed Use	55	1.7	Not listed	On the information available to date we do not envisage infrastructure concerns.
Mobb's Land	Employment		1.4	Not listed	-
Monks Farm (North Grove)	Residential	885	6	WANTAGE	Threshold for site = 50
Monument Business Park, Chalgrove	Employment		2.25	BRITWELL	*Capacity concerns*
North of Abingdon-on-Thames	Residential	800		ABINGDON	Threshold for site = 50
North of Barrow Road	Residential	56		HAGBOURNE HILL	Capacity concerns
North of East Hanney	Residential	50		WANTAGE	Threshold for site = 50
North of Shrivenham	Residential	500		FARINGDON	Net property increase is above the agreed upon DMA for growth.
North West of Abingdon-on-Thames	Residential	200		ABINGDON	Threshold for site = 50
North West of Grove	Residential	600		WANTAGE	Threshold for site = 50
North West of Valley Park, Didcot	Residential	800		HAGBOURNE HILL	DMA THRESHOLD =42
North-East of East Hanney	Residential	48		WANTAGE	Threshold for site = 50
North-West Radley	Residential	240		BRASENOSE	Threshold for site = 50
Old Coal Yard Greenmore	Employment		0.55	WOODCOTE LOCAL BOOSTER	-
Oxford Brookes Harcourt Hill Campus	Employment			BOARS HILL	-
Park Meadow Cottage	Residential	12		THAME	Capacity Check acceptable. Impact assessment may be required in the future.
Part of 357 Reading Road	Mixed use	50		NEW FARM	Capacity Check acceptable. Impact assessment may be required in the future.
Reserve site C	Residential	57		THAME	DMA Threshold = 25
Reserve site F	Residential	50		HORSPATH	Capacity concerns
Rich's Sidings and Broadway, Didcot	Residential	100		HAGBOURNE HILL	Capacity concerns
Site A1 Land West of Fairmile	Residential	72		NEW FARM	Capacity Check acceptable. Impact assessment may be required in the future.
Site C Gillotts School Playing Field	Residential	50		NEW FARM	Capacity Check acceptable. Impact assessment may be required in the future.
Site D	Residential	175		THAME	DMA Threshold = 25
Site E	Residential	502		BEGGERSBUSH	DMA THRESHOLD =15

Site Name	Purpose	Dwellings	Employment (Ha)	District Metering Area (DMA) Name	Water Supply Infrastructure RAG Score
Site E Stuart Turner/Empstead Works	Mixed use	42		NEW FARM	Capacity Check acceptable. Impact assessment may be required in the future.
Site F	Residential	203		THAME	DMA Threshold = 25
Site M1 Land at Highlands Farm	Mixed use	110		NEW FARM	Capacity concerns
Site Y Chiltern Centre	Residential	3		NEW FARM	Capacity Check acceptable. Impact assessment may be required in the future.
Six Acre Field	Residential	29		MILTON COMMON	Capacity Check acceptable. Impact assessment may be required in the future.
Slade End Farm	Residential	6		BEGGERSBUSH	Capacity Check acceptable. Impact assessment may be required in the future.
Slade End South to West of Green Lane	Residential	1		BEGGERSBUSH	Capacity Check acceptable. Impact assessment may be required in the future.
South of Faringdon	Residential	200		FARINGDON	Some capacity concerns
South of Kennington	Residential	270		BRASENOSE	Threshold for site = 50
South of Park Road, Faringdon	Employment		3	FARINGDON	*Some capacity concerns*
South of the High Street	Residential	50		HAGBOURNE HILL	Capacity concerns
South-East of Marcham	Residential	90		ABINGDON	Threshold for site = 50
Southmead Industrial Estate, Didcot	Employment		2.7	HAGBOURNE HILL	*DMA Threshold = 33, so additional employment area likely to face barriers*
South-West Faringdon	Residential	200		FARINGDON	Some capacity concerns
Strange's (Slade End) Nursery	Residential	6		BEGGERSBUSH	Capacity Check acceptable. Impact assessment may be required in the future.
Thame Site C	Residential	187		THAME	DMA Threshold = 25
Thames Court	Residential	14		CLEEVE	Capacity Check acceptable. Impact assessment may be required in the future.
The Bungalows Site	Residential	0	-	Not listed	On the information available to date we do not envisage infrastructure concerns.
The Elms	Residential	45		THAME	DMA Threshold = 25
The site next to Gatehampton Road	Reserve site	16		CLEEVE	Capacity Check acceptable. Impact assessment may be required in the future.
The Smallholding, Land at the end of Wood Lane	Residential	9		WOODCOTE	Capacity Check acceptable. Impact assessment may be required in the future.
Thorne's Nursery	Residential	4		BEGGERSBUSH	Capacity Check acceptable. Impact assessment may be required in the future.
Valley Park, Didcot	Residential	2550		WANTAGE	Threshold for site = 50
Vauxhall barracks, Didcot	Residential	300		HAGBOURNE HILL	DMA THRESHOLD =50-191
Wallingford Road	Residential	46		CLEEVE	Capacity Check acceptable. Impact assessment may be required in the future.
Wallingford Site C	Employment		3.1	BEGGERSBUSH	*DMA Threshold = 15, so additional employment area likely to face barriers*

Site Name	Purpose	Dwellings	Employment (Ha)	District Metering Area (DMA) Name	Water Supply Infrastructure RAG Score
Wards Farm	Employment			NETTLEBED	-
West of Stanford in the Vale	Residential	200		FARINGDON	Capacity Check acceptable. Impact assessment may be required in the future.
Western Village Plotlands	Residential	74		HAGBOURNE HILL	Capacity Check acceptable. Impact assessment may be required in the future.
Wicklesham Farm	Employment			FARINGDON	*Some capacity concerns*
Wicklesham Quarry	Employment			FARINGDON	*Some capacity concerns*
Woodcote Garden Centre, Reading Road	Residential	9		WOODCOTE	Capacity Check acceptable. Impact assessment may be required in the future.

Wastewater Infrastructure RAG Assessment

Site Name	Purpose	Dwellings	Employment (Ha)	District Metering Area (DMA) Name	Water Supply Infrastructure RAG Score
02 - TB	Residential	6		BRASENOSE	No issues identified
04 - TB	Residential	6		BRASENOSE	No issues identified
08 - TB	Residential	6		BRASENOSE	No issues identified
09 - TB	Residential	6		BRASENOSE	No issues identified
15 - MB	Residential	6		BRASENOSE	No issues identified
16 - MB	Residential	6		BRASENOSE	No issues identified
18 - MB	Residential	6		BRASENOSE	No issues identified
20 - MB	Residential	6		BRASENOSE	No issues identified
21 - MB	Residential	6		BRASENOSE	No issues identified
Abingdon Science Park	Employment		0.7	ABINGDON	Upgrade planned for STW,Due to complete AMP 8.
Beechwood Court	Residential	14		WOODCOTE LOCAL BOOSTER	No issues identified
Bosley's Orchard	Residential	20		BEGGERSBUSH	Scheme planned for delivery in AMP7
Cattle Market	Mixed Use			THAME	*Network Upgrades likely required*
CHi21	Residential	140		CHINNOR	Network Upgrades likely required
Chiltern Edge Top	Residential	50		KINGSWOOD COMMON	No issues identified
Chiltern Rise Cottage and surrounding land	Residential	24		NETTLEBED	No issues identified
Chiltern's End	Residential	27		NEW FARM	Upgrade planned for STW, Site in SOLAR
Church Farm	Residential	30		WOODCOTE	No issues identified
Cleeve Park Cottages	Residential	14		CLEEVE	No issues identified
Crab Hill (North East Wantage and South East Grove)	Residential	1500		WANTAGE	Growth Scheme proposed for Wantage in AMP8
CSF8 Tokers Green Lane	Residential	4		WOODCOTE	No issues identified
Culham Science Centre	Employment		7.3	CULHAM	*Network Upgrades likely required*
Didcot A	Employment		29	HAGBOURNE HILL	*Proposed Scheme still in design for site. Delivery proposed for AMP 8.*
Didcot Gateway, Didcot	Residential	200		HAGBOURNE HILL	Proposed Scheme still in design for site. Delivery proposed for AMP 8.
Didcot North East	Residential	2030		HAGBOURNE HILL	Proposed Scheme still in design for site. Delivery proposed for AMP 8.
East of Kingston Bagpuize with Southmoor	Residential	600		ABINGDON	Scheme for STW planned - AMP 8.

Site Name	Purpose	Dwellings	Employment (Ha)	District Metering Area (DMA) Name	Water Supply Infrastructure RAG Score
East Sutton Courtenay	Residential	150		HAGBOURNE HILL	Scheme planned for delivery in AMP7
Former MoD site	Residential	15		CHINNOR	No issues identified
Former Reservoir Site, Greenmore	Residential	20		WOODCOTE LOCAL BOOSTER	No issues identified
Former Waggon and Horses	Residential			CULHAM	*Network Upgrades likely required*
Grove Airfield	Residential	2500		WANTAGE	Growth Scheme proposed for Wantage in AMP8
Grove Technology Park	Employment		5.4	HACKPEN	*Growth Scheme proposed for Wantage in AMP8*
Harwell Campus	Employment		93	WANTAGE	*Proposed Scheme still in design for site. Delivery proposed for AMP 8.*
Henley Youth Club	Residential	23		NEW FARM	Upgrade planned for STW, Site in SOLAR
Hithercroft Industrial Estate, Wallingford	Employment		1.09	BEGGERSBUSH	Scheme planned for delivery in AMP7
Jane Morbey Road	Residential	18		THAME	No issues identified
Joyce Grove, Nettlebed	Residential	15		NETTLEBED	No issues identified
Kidby's Yard	Employment			KINGSWOOD COMMON	-
Ladygrove East, Didcot	Residential	642		HAGBOURNE HILL	Proposed Scheme still in design for site. Delivery proposed for AMP 8.
Land Adjacent to Culham Science Centre	Residential	3500		CULHAM	Network Upgrades likely required
land at Bayswater Brook, Edge of Oxford	Residential	1100		BECKLEY	STW Undergoing upgrade, expected ompletion 2030 Site in SOLAR
Land at Berinsfield Garden Village	Residential	1700	5	CULHAM	Network Upgrades likely required
Land at Dalton Barracks Garden Village	Residential	2750		ABINGDON	Upgrade planned for STW,Due to complete AMP 8.
Land at Howbery Park, Benson Lane, Crowmarsh Gifford	Employment		0.28	BEGGERSBUSH	STW Undergoing upgrade, expected ompletion 2026. Site in SOLAR. GISMP Catchment.
Land at Howland Road	Employment		2	THAME	*Network Upgrades likely required*
Land at Newton Road	Employment			NEW FARM	*Upgrade planned for STW, Site in SOLAR*
Land at Northfield, Edge of Oxford	Residential	1800		HORSPATH	STW Undergoing upgrade, expected ompletion 2030 Site in SOLAR
Land behind Pioneer Road	Employment			FARINGDON	*STW Undergoing upgrade, expected ompletion 2026 Site in SOLAR*
Land behind Yew Tree Farmhouse 1	Residential	5		WOODCOTE	No issues identified
Land behind Yew Tree Farmhouse 2	Residential	4		WOODCOTE	No issues identified
Land between Britwell Road and Cuxham Road	Residential	140		CHINNOR	Network Upgrades likely required
Land north and north east of The Sands	Residential	240		BEGGERSBUSH	STW Undergoing upgrade, expected ompletion 2026. Site in SOLAR. GISMP Catchment.
Land North West of Gloucester Street Car Park	Mixed			FARINGDON	*STW Undergoing upgrade, expected ompletion 2026 Site in SOLAR*
Land Off Cuxham Road and Willow Close	Residential	60		BRITWELL	Network Upgrades likely required

Site Name	Purpose	Dwellings	Employment (Ha)	District Metering Area (DMA) Name	Water Supply Infrastructure RAG Score
Land off Hale Road	Residential	80		BEGGERSBUSH	STW Undergoing upgrade, expected ompletion 2026. Site in SOLAR. GISMP Catchment.
Land off Pyrton Lane	Residential	60		CHINNOR	Network Upgrades likely required
Land on Wheatley Campus, Oxford Brookes	Residential	500		HORSPATH	Network Upgrades likely required
Land South of Grenoble Road, Edge of Oxford	Residential	3000	10	BRASENOSE	STW Undergoing upgrade, expected ompletion 2030 Site in SOLAR
Land South of Park Road, Faringdon	Residential	350		FARINGDON	STW Undergoing upgrade, expected ompletion 2026 Site in SOLAR
Land to the East of Chalgrove	Residential	120		BRITWELL	No issues identified
Land to the north of Littleworth Road	Residential	428		BEGGERSBUSH	STW Undergoing upgrade, expected ompletion 2026. Site in SOLAR. GISMP Catchment.
Land to the west of Marley Lane	Residential	200		BRITWELL	Network Upgrades likely required
Land west of Church Farmhouse	Employment			WOODCOTE	-
Land West of Wallingford	Residential	555		BEGGERSBUSH	Scheme planned for delivery in AMP7
Land west of Wallingford Road	Residential	165		BEGGERSBUSH	Scheme planned for delivery in AMP7
Little Sparrows	Residential	133		KINGSWOOD COMMON	Network Upgrades likely required
Littleworth Road Industrial Estate	Residential	25		HORSPATH	No issues identified
Long Wittenham Community Hub	Mixed use	45		BEGGERSBUSH	No issues identified
Long Wittenham School Site	Residential	5		BEGGERSBUSH	No issues identified
Long Wittenham Village Hall Site	Residential	2		BEGGERSBUSH	No issues identified
Lord William's Lower School	Residential	135		THAME	Network Upgrades likely required
Manor Farm	Residential	140		HAGBOURNE HILL	Scheme planned for delivery in AMP7
Manor Road	Residential	20		CLEEVE	No issues identified
Milton Heights	Residential	400		HAGBOURNE HILL	Proposed Scheme still in design for site. Delivery proposed for AMP 8.
Milton Park	Employment		14	HAGBOURNE HILL	*Proposed Scheme still in design for site. Delivery proposed for AMP 8.*
Miss Tomb's Field	Mixed Use	55		Not listed	No Capacity concerns based on a single point of connection and no Surface water to the network.
Mobb's Land	Employment		1.4	Not listed	*Nearby Tomb's Field site has no capacity concerns.*
Monks Farm (North Grove)	Residential	885	6	WANTAGE	Growth Scheme proposed for Wantage in AMP8
Monument Business Park, Chalgrove	Employment		2.25	BRITWELL	*Network Upgrades likely required*
North of Abingdon-on-Thames	Residential	800		ABINGDON	Upgrade planned for STW,Due to complete AMP 8.
North of Barrow Road	Residential	56		HAGBOURNE HILL	Scheme planned for delivery in AMP7
North of East Hanney	Residential	50		WANTAGE	Growth Scheme proposed for Wantage in AMP8

Site Name	Purpose	Dwellings	Employment (Ha)	District Metering Area (DMA) Name	Water Supply Infrastructure RAG Score
North of Shrivenham	Residential	500		FARINGDON	No schemes planned for site
North West of Abingdon-on-Thames	Residential	200		ABINGDON	Upgrade planned for STW,Due to complete AMP 8.
North West of Grove	Residential	600		WANTAGE	Growth Scheme proposed for Wantage in AMP8
North West of Valley Park, Didcot	Residential	800		HAGBOURNE HILL	Proposed Scheme still in design for site. Delivery proposed for AMP 8.
North-East of East Hanney	Residential	48		WANTAGE	Growth Scheme proposed for Wantage in AMP8
North-West Radley	Residential	240		BRASENOSE	STW Undergoing upgrade, expected ompletion 2030 Site in SOLAR
Old Coal Yard Greenmore	Employment		0.55	WOODCOTE LOCAL BOOSTER	-
Oxford Brookes Harcourt Hill Campus	Employment			BOARS HILL	*STW Undergoing upgrade, expected ompletion 2030 Site in SOLAR*
Park Meadow Cottage	Residential	12		THAME	No issues identified
Part of 357 Reading Road	Mixed use	50		NEW FARM	Upgrade planned for STW, Site in SOLAR
Reserve site C	Residential	57		THAME	No issues identified
Reserve site F	Residential	50		HORSPATH	No issues identified
Rich's Sidings and Broadway, Didcot	Residential	100		HAGBOURNE HILL	Proposed Scheme still in design for site. Delivery proposed for AMP 8.
Site A1 Land West of Fairmile	Residential	72		NEW FARM	Upgrade planned for STW, Site in SOLAR
Site C Gillotts School Playing Field	Residential	50		NEW FARM	Upgrade planned for STW, Site in SOLAR
Site D	Residential	175		THAME	Network Upgrades likely required
Site E	Residential	502		BEGGERSBUSH	Scheme planned for delivery in AMP7
Site E Stuart Turner/Empstead Works	Mixed use	42		NEW FARM	Upgrade planned for STW, Site in SOLAR
Site F	Residential	203		THAME	Network Upgrades likely required
Site M1 Land at Highlands Farm	Mixed use	110		NEW FARM	Upgrade planned for STW, Site in SOLAR
Site Y Chiltern Centre	Residential	3		NEW FARM	Upgrade planned for STW, Site in SOLAR
Six Acre Field	Residential	29		MILTON COMMON	No issues identified
Slade End Farm	Residential	6		BEGGERSBUSH	Scheme planned for delivery in AMP7
Slade End South to West of Green Lane	Residential	1		BEGGERSBUSH	Scheme planned for delivery in AMP7
South of Faringdon	Residential	200		FARINGDON	STW Undergoing upgrade, expected ompletion 2026 Site in SOLAR
South of Kennington	Residential	270		BRASENOSE	STW Undergoing upgrade, expected ompletion 2030 Site in SOLAR
South of Park Road, Faringdon	Employment		3	FARINGDON	*STW Undergoing upgrade, expected ompletion 2026 Site in SOLAR*
South of the High Street	Residential	50		HAGBOURNE HILL	Scheme planned for delivery in AMP7

Site Name	Purpose	Dwellings	Employment (Ha)	District Metering Area (DMA) Name	Water Supply Infrastructure RAG Score
South-East of Marcham	Residential	90		ABINGDON	Scheme planned for delivery in AMP7
Southmead Industrial Estate, Didcot	Employment		2.7	HAGBOURNE HILL	*Proposed Scheme still in design for site. Delivery proposed for AMP 8.*
South-West Faringdon	Residential	200		FARINGDON	STW Undergoing upgrade, expected ompletion 2026 Site in SOLAR
Strange's (Slade End) Nursery	Residential	6		BEGGERSBUSH	Scheme planned for delivery in AMP7
Thame Site C	Residential	187		THAME	Network Upgrades likely required
Thames Court	Residential	14		CLEEVE	No issues identified
The Bungalows Site	Residential	10		Not listed	No Capacity concerns. Development site within 50m of a live STW, and adjacent to a sewage pumping station, possible odour concerns
The Elms	Residential	45		THAME	No issues identified
The site next to Gatehampton Road	Reserve site	16		CLEEVE	No issues identified
The Smallholding, Land at the end of Wood Lane	Residential	9		WOODCOTE	No issues identified
Thorne's Nursery	Residential	4		BEGGERSBUSH	Scheme planned for delivery in AMP7
Valley Park, Didcot	Residential	2550		WANTAGE	Proposed Scheme still in design for site. Delivery proposed for AMP 8.
Vauxhall barracks, Didcot	Residential	300		HAGBOURNE HILL	Proposed Scheme still in design for site. Delivery proposed for AMP 8.
Wallingford Road	Residential	46		CLEEVE	No issues identified
Wallingford Site C	Employment		3.1	BEGGERSBUSH	Scheme planned for delivery in AMP7
Wards Farm	Employment			NETTLEBED	*No issues identified*
West of Stanford in the Vale	Residential	200		FARINGDON	Scheme for STW planned - AMP 8.
Western Village Plotlands	Residential	74		HAGBOURNE HILL	Proposed Scheme still in design for site. Delivery proposed for AMP 8.
Wicklesham Farm	Employment			FARINGDON	*STW Undergoing upgrade, expected ompletion 2026 Site in SOLAR*
Wicklesham Quarry	Employment			FARINGDON	*STW Undergoing upgrade, expected ompletion 2026 Site in SOLAR*
Woodcote Garden Centre, Reading Road	Residential	9		WOODCOTE	No issues identified
Former Esso Research Centre	Employment		11	TBC	Site currently being assessed by Thames Water
Didcot Technology Park	Employment		23.4	TBC	Site currently being assessed by Thames Water
Milton Interchange	Employment		8	TBC	Site currently being assessed by Thames Water
Didcot Quarter	Employment		15.2	TBC	Site currently being assessed by Thames Water

Appendix 3 – EA Abstraction Licenses

Based upon abstraction license data provided by the EA[1]. Personal data has been removed and key fields extracted.

Area Abstractions

License Number	Location	NGR	Date Granted	Purpose	SOURCE	Daily m^3/d	Annually m^3/yr
TH/039/0017/006	CHINHAM FARM QUARRY	SU3197194957	22/07/2022	Industrial, Commercial and Public Services	Thames Groundwater	80	1971
TH/039/0017/007	HARTFORD QUARRY	SU3338395377	22/07/2022	Industrial, Commercial and Public Services	Thames Groundwater	87	18749
TH/039/0017/008	SHELLINGFORD QUARRY	SU3309793493	22/07/2022	Industrial, Commercial and Public Services	Thames Groundwater	1988	431223
TH/039/0017/010	CHINHAM FARM QUARRY	SU3148594915	25/07/2023	Industrial, Commercial and Public Services	Thames Groundwater	1600	120000
TH/039/0018/011	SUTTON WICK QUARRY	SU4893495056	24/11/2021	Industrial, Commercial and Public Services	Thames Groundwater	960	79800
TH/039/0018/014	SUTTON COURTENAY LANDFILL SITE	SU5170094100	05/07/2021	Industrial, Commercial and Public Services	Thames Groundwater	n/a	n/a
TH/039/0018/015	BOREHOLE AT BENSON	SU6400091000	01/06/2021	Water Supply	Thames Groundwater	998	220017
TH/039/0020/008	NEW BARN FARM QUARRY	SU5988088320	10/01/2020	Industrial, Commercial and Public Services	Thames Groundwater	410	53400
TH/039/0023/033	SONNING QUARRY	SU7559977147	05/07/2021	Industrial, Commercial and Public Services	Thames Groundwater	28080	4947336

[1] EA (2024) *THM356241_DC South Oxon & VWH.xlsx*

Point Abstractions

License Number	Location	NGR	Date Granted	Purpose	SOURCE	Daily m^3/d	Annually m^3/yr
28/39/15/0006	CULHAM WATERWORKS - RIVER THAMES	SU5397	09/05/1966	Water Supply	Thames Surface Water	4546	1663871
28/39/15/0024	ZOUCH FARM, CULHAM	SU528955	04/02/1982	Agriculture	Thames Groundwater	545.5	4546
28/39/15/0026/1	FULLAMOOR FARM, CLIFTON HAMPDEN	SU54059465	02/10/2015	Agriculture	Thames Groundwater	800	14400
28/39/15/0027	LITTLE BALDON FARM,NUNEHAM COURTENAY	SU56809857	09/05/1966	Water Supply; Agriculture	Thames Groundwater	34	11,068
28/39/15/0029/R01	RIVERSIDE HOUSE, BURCOT - BOREHOLE	SU5561895894	01/04/2016	Amenity	Thames Groundwater	500	182500
28/39/15/0030/R01	RIVER THAMES AT WARREN FARM, CULHAM	SU5199096648	01/04/2016	Agriculture	Thames Surface Water	546	43440
28/39/16/0018	PIDNELL FARM, FARINGDON (A)	SU288986	09/05/1966	Water Supply Agriculture	Thames Groundwater	25.9	7273
28/39/16/0020	THE WYTHAM ESTATE, WYTHAM, NR OXFORD (A) - SPRING	SP469082	13/06/1966	Water Supply; Agriculture	Thames Surface Water	22.7	1100
28/39/16/0050	RIVER THAMES AT BUSCOT, FARINGDON	SU229981	10/04/1967	Amenity; Agriculture	Thames Surface Water	136.4	11077
28/39/16/0066	DENMAN'S FARM, FARMOOR - TRIB OF R.THAMES	SP464049	05/12/1978	Amenity	Thames Surface Water	54.6	6819
28/39/16/0069	PEACHCROFT FARM, RADLEY	SU5160298801	16/04/1987	Agriculture	Thames Groundwater	655	36363
28/39/16/0072	THRUPP LANE, RADLEY	SU516974	01/08/1994	Industrial, Commercial and Public Services	Thames Groundwater	80	16000
28/39/16/0078	RIVER THAMES	SP4408	18/09/2002	Water Supply	Thames Surface Water	300042	55312169
28/39/17/0005	COLLINS FARM FRILFORD NR ABINGDON - PILING BROOK	SU435978	10/01/1966	Agriculture	Thames Surface Water	909.2	18184
28/39/17/0005	COLLINS FARM FRILFORD NR ABINGDON - PILING BROOK	SU435978	10/01/1966	Agriculture	Thames Surface Water		
28/39/17/0006	MANOR ROAD PUMPING STATION	SU3986	10/01/1966	Water Supply	Thames Groundwater	3636.9	1136524
28/39/17/0022	CHILDREY WARREN PUMPING STATION	SU3684	05/09/1966	Water Supply	Thames Groundwater	4546.1	1663871
28/39/17/0023	GROVE, WANTAGE - LETCOMBE BROOK	SU3992489167	01/08/1966	Agriculture	Thames Surface Water	818.3	54552
28/39/17/0054	OCK BRIDGE, KINGSTON BAGPUIZE, ABINGDON - RIVER OCK	SU400956	14/11/1966	Agriculture	Thames Surface Water	1045	34095

License Number	Location	NGR	Date Granted	Purpose	SOURCE	Daily m^3/d	Annually m^3/yr
28/39/17/0108	HINTON WALDRIST, FARINGDON	SU3807198711	09/02/1972	Agriculture	Thames Groundwater	59.1	6819
28/39/17/0115	MANOR FARM, SHIPPON - SANDFORD BROOK, POINT 'A'	SU469976	29/04/1980	Agriculture	Thames Surface Water	546	6820
28/39/17/0122	MILLETS FARM, FRILFORD HEATH - RIVER OCK, POINT 'A'	SU428970	25/06/1985	Agriculture	Thames Surface Water	436.3	13636
28/39/17/0123	FRILFORD HEATH GOLF CLUB - BOREHOLE	SU43199845	28/07/1986	Industrial, Commercial and Public Services	Thames Groundwater	109	13636
28/39/17/0124	GREAT PARK FARM, BESSELSLEIGH - SANDFORD BROOK	SP467009	01/09/1986	Agriculture	Thames Surface Water	545	22727
28/39/17/0125	MILLETS FARM, GARFORD - RIVER OCK, POINT 'A'	SU419965	05/04/1988	Agriculture	Thames Surface Water	153	22727
28/39/17/0129	TRIB OF SANDFORD BROOK AT GREAT PARK FARM, BESSELSLEIGH	SP461003	30/06/1988	Agriculture	Thames Surface Water	546	15911
28/39/17/0143	FYFIELD WICK, ABINGDON POINT A	SU4215196171	01/09/1997	Agriculture	Thames Surface Water	196.5	9825
28/39/17/0146	RIVER OCK AT FYFIELD WICK, ABINGDON	SU42159613	10/12/1997	Agriculture	Thames Surface Water	228	11400
28/39/17/0151/TR	LETCOMBE BROOK - LETCOMBE MANOR	SU37808620	10/09/2008	Environmental	Thames Surface Water	24000	8760000
28/39/17/0152	LETCOMBE BROOK, DANDRIDGES MILL - EAST HANNEY	SU41289263	06/08/2008	Production Of Energy	Thames Surface Water	31104	11352960
28/39/18/0009	SUTTON COURTENAY QUARRY - WET PIT	SU51289364	25/10/1995	Industrial, Commercial and Public Services	Thames Groundwater	4229.4	1183363
28/39/18/0009	SUTTON COURTENAY QUARRY - WET PIT	SU51489358	25/10/1995	Industrial, Commercial and Public Services	Thames Groundwater		
28/39/18/0009	SUTTON COURTENAY QUARRY - WET PIT	SU51289364	25/10/1995	Industrial, Commercial and Public Services	Thames Groundwater		
28/39/18/0013	ICKNIELD WAY, EWELME, - BOREHOLE 'A'	SU645903	09/05/1966	Industrial, Commercial and Public Services	Thames Groundwater	491	141838
28/39/18/0019	UPTOWN FARM, SUTTON COURTENAY, - RIVER THAMES POINT 'A'	SU510948	13/06/1966	Agriculture	Thames Surface Water	273	3295
28/39/18/0019	UPTOWN FARM, SUTTON COURTENAY - RIVER THAMES, POINT 'B'	SU511948	13/06/1966	Agriculture	Thames Surface Water		
28/39/18/0048	LOCKINGE ESTATE, ARDINGTON, OXON - POINT 'D'	SU43228552	13/02/1967	Agriculture	Thames Groundwater	1061	82000

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28/39/18/0048	LOCKINGE ESTATE, ARDINGTON, OXON - POINT 'A' (2 BOREHOLES)	SU43038731	13/02/1967	Agriculture	Thames Groundwater		
28/39/18/0048	LOCKINGE ESTATE, ARDINGTON, OXON - POINT 'B'	SU43048557	13/02/1967	Agriculture	Thames Groundwater		
28/39/18/0048	LOCKINGE ESTATE, ARDINGTON, OXON - POINT 'D'	SU43228552	13/02/1967	Agriculture	Thames Groundwater		
28/39/18/0048	LOCKINGE ESTATE, ARDINGTON, OXON - POINT 'B'	SU43048557	13/02/1967	Agriculture	Thames Groundwater		
28/39/18/0048	LOCKINGE ESTATE, ARDINGTON, OXON - POINT 'C'	SU42978496	13/02/1967	Agriculture	Thames Groundwater		
28/39/18/0048	LOCKINGE ESTATE, ARDINGTON, OXON - POINT 'C'	SU42978496	13/02/1967	Agriculture	Thames Groundwater		
28/39/18/0048	LOCKINGE ESTATE, ARDINGTON, OXON - POINT 'A' (2 BOREHOLES)	SU43038731	13/02/1967	Agriculture	Thames Groundwater		
28/39/18/0055	MILTON, ABINGDON, - WET PIT 'A'	SU48999299	12/06/1967	Agriculture	Thames Groundwater	455	22730
28/39/18/0059	DIDCOT POWER STATION INTAKE - RIVER THAMES	SU5157194658	08/01/1968	Production Of Energy	Thames Surface Water	204574	52381900
28/39/18/0059	DIDCOT POWER STATION INTAKE - RIVER THAMES	SU5194	08/01/1968	Water Supply	Thames Surface Water		
28/39/18/0059	DIDCOT POWER STATION INTAKE - RIVER THAMES	SU5157194658	08/01/1968	Production Of Energy	Thames Surface Water		
28/39/18/0068	NORTHFIELD AND COLLEGE FARMS, LONG WITTENHAM - WET PIT 'B'	SU5595795321	14/02/1972	Agriculture	Thames Groundwater	1273	66383
28/39/18/0068	NORTHFIELD AND COLLEGE FARMS, LONG WITTENHAM - WET PIT 'A'	SU5564794617	14/02/1972	Agriculture	Thames Groundwater		
28/39/18/0068	NORTHFIELD AND COLLEGE FARMS, LONG WITTENHAM - WET PIT 'C'	SU5676294541	14/02/1972	Agriculture	Thames Groundwater		
28/39/18/0076	PARSONAGE FARM, BERRICK SALOME, - UNNAMED TRIB, POINT 'A'	SU620939	07/02/1980	Agriculture	Thames Surface Water	27.3	1363
28/39/18/0077	FORDS FARM, EWELME, - BOREHOLE 'C'	SU645913	03/10/1979	Agriculture	Thames Groundwater	54.6	4682
28/39/18/0077	FORDS FARM, EWELME, - BOREHOLE 'C'	SU645913	03/10/1979	Agriculture	Thames Groundwater		
28/39/18/0079	HOWBERRY PARK, WALLINGFORD - WELL 'C'	SU61328993	02/05/1984	Industrial, Commercial and Public Services	Thames Groundwater	2500	350000
28/39/18/0079	HOWBERY PARK - WALLINGFORD - BOREHOLE B	SU61558996	02/05/1984	Industrial, Commercial and Public Services	Thames Groundwater		

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28/39/18/0079	HOWBERY PARK - WALLINGFORD - BOREHOLE 'A'	SU61669024	02/05/1984	Industrial, Commercial and Public Services	Thames Groundwater		
28/39/18/0084	BROOKLEAS FISH FARM (A) - GINGE BROOK	SU45488932	01/04/1991	Agriculture	Thames Surface Water	12164	2959891
28/39/18/0084	BROOKLEAS FISH FARM (B) - GINGE BROOK	SU45528938	01/04/1991	Agriculture	Thames Surface Water		
28/39/18/0097	WESTERN STORAGE AREA - 16 BOREHOLES	SU4673086660	01/01/2005	Environmental	Thames Groundwater	2000	730000
28/39/18/0098/R01	DIDCOT AIR PRODUCTS SITE, HARRIER PARK	SU5182191436	25/05/2023	Industrial, Commercial and Public Services	Thames Surface Water	550	200000
28/39/19/0040	LEWKNOR PUMPING STATION	SU7196	09/05/1966	Water Supply	Thames Groundwater	1745.7	638927
28/39/19/0040	KINGSTON BLOUNT PUMPING STATION	SU7499	09/05/1966	Water Supply	Thames Groundwater		
28/39/19/0042	WATLINGTON PUMPING STATION	SU6994	09/05/1966	Water Supply	Thames Groundwater	1309.3	479195
28/39/19/0050	RYCOTE FARM, MILTON COMMON (CATCHPIT - B)	SP665048	11/07/1966	Agriculture	Thames Groundwater	30	6819
28/39/19/0050	RYCOTE FARM, MILTON COMMON (A)	SP668047	11/07/1966	Agriculture	Thames Groundwater		
28/39/19/0050	RYCOTE FARM, MILTON COMMON (C)	SP656051	11/07/1966	Agriculture	Thames Groundwater		
28/39/19/0060	BRITWELL PUMPING STATION	SU6693	05/09/1966	Water Supply	Thames Groundwater	1309.3	479195
28/39/19/0139	PEGG'S FARM, GREAT HASELEY, OXON - HASELY BROOK	SP653007	13/03/1967	Agriculture	Thames Surface Water	1023	63636
28/39/19/0140	CHURCH & PEGGS FARM, GREAT HASELEY (B)	SP652008	13/03/1967	Agriculture	Thames Groundwater	74.7	26548
28/39/19/0140	CHURCH & PEGGS FARM, GREAT HASELEY (C)	SP645017	13/03/1967	Agriculture	Thames Groundwater		
28/39/19/0176	HASELEY BROOK AT COURT FARM LITTLE HASELEY	SU6407099520	09/03/1970	Agriculture	Thames Surface Water	1091	77282
28/39/19/0176	HASELEY BROOK AT COURT FARM LITTLE HASELEY	SU6407099520	09/03/1970	Agriculture	Thames Surface Water		
28/39/19/0176	HASELEY BROOK AT COURT FARM LITTLE HASELEY	SU6407099520	09/03/1970	Amenity	Thames Surface Water		
28/39/19/0177	WATCOMBE MANOR, WATLINGTON	SU68709319	12/07/1971	Agriculture	Thames Groundwater	54.6	18184

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28/39/19/0186	CHINNOR PUMPING STATION	SU7498	09/07/1973	Water Supply	Thames Groundwater	2273	831918
28/39/19/0186	CHINNOR PUMPING STATION	SU7498	09/07/1973	Water Supply	Thames Groundwater		
28/39/19/0187	WATERPERRY HORTICULTURAL CENTRE, WATERPERRY (A) - R.THAMES	SP631065	30/10/1974	Agriculture	Thames Surface Water	118.2	1818
28/39/19/0187	WATERPERRY HORTICULTURAL CENTRE. WATERPERRY (B) - R.THAMES	SP632063	30/10/1974	Agriculture	Thames Surface Water		
28/39/19/0187	WATERPERRY HORTICULTURAL CENTRE, WATERPERRY (A) - R.THAMES	SP631065	30/10/1974	Agriculture	Thames Surface Water		
28/39/19/0187	WATERPERRY HORTICULTURAL CENTRE. WATERPERRY (B) - R.THAMES	SP632063	30/10/1974	Agriculture	Thames Surface Water		
28/39/19/0189	PEGGS FARM, GREAT HASELEY (A)	SP652008	16/04/1975	Agriculture	Thames Groundwater	54.6	19911
28/39/19/0211	MOORBRIDGE BROOK, STANTON ST JOHN, OXFORDSHIRE	SP5971510010	12/05/1992	Agriculture	Thames Surface Water	2182	84101
28/39/19/0211	MILL STREAM, STANTON ST JOHN, OXFORDSHIRE	SP5830909588	12/05/1992	Agriculture	Thames Surface Water		
28/39/19/0211	MILL STREAM, STANTON ST JOHN, OXFORDSHIRE	SP5830909588	12/05/1992	Agriculture	Thames Surface Water		
28/39/19/0211	MOORBRIDGE BROOK, STANTON ST JOHN, OXFORDSHIRE	SP5971510010	12/05/1992	Agriculture	Thames Surface Water		
28/39/19/0211	MOORBRIDGE BROOK, STANTON ST JOHN, OXFORDSHIRE	SP5971510010	12/05/1992	Agriculture	Thames Surface Water		
28/39/19/0211	MILL STREAM, STANTON ST JOHN, OXFORDSHIRE	SP5830909588	12/05/1992	Agriculture	Thames Surface Water		
28/39/19/0231/R01	LE MANOIR AUX QUAT' SAISONS - BOREHOLE	SP6310202269	01/04/2014	Industrial, Commercial and Public Services	Thames Groundwater	97.5	29657
28/39/19/0231/R01	LE MANOIR AUX QUAT' SAISONS - BOREHOLE	SP6310202269	01/04/2014	Water Supply	Thames Groundwater		
28/39/19/0231/R01	LE MANOIR AUX QUAT' SAISONS - BOREHOLE	SP6310202269	01/04/2014	Water Supply	Thames Groundwater		
28/39/20/0012	STREATLEY FARM, STREATLEY, - RIVER THAMES, POINT 'A'	SU59678300	14/03/1966	Agriculture	Thames Surface Water	600	13184
28/39/20/0015	EAST HAGBOURNE, DIDCOT, - MILL BROOK	SU537875	11/07/1966	Agriculture	Thames Surface Water	31.8	1854

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28/39/20/0029	HADDEN & FULSCOT FARMS, DIDCOT (C)	SU546888	12/12/1966	Agriculture	Thames Groundwater	28.2	3636
28/39/20/0029	HADDEN & FULSCOT FARMS, DIDCOT (B)	SU548893	12/12/1966	Agriculture	Thames Groundwater		
28/39/20/0029	HADDEN & FULSCOT FARMS, DIDCOT (A)	SU544904	12/12/1966	Agriculture	Thames Groundwater		
28/39/20/0029	HADDEN & FULSCOT FARMS, DIDCOT (D)	SU549901	12/12/1966	Agriculture	Thames Groundwater		
28/39/20/0046	STARVEALL FARM, MOULSFORD (C)	SU568822	11/02/1974	Agriculture	Thames Groundwater	55	19844
28/39/20/0046	STARVEALL FARM, MOULSFORD (A)	SU572833	11/02/1974	Agriculture	Thames Groundwater		
28/39/20/0046	STARVEALL FARM, NR MOULSFORD (B)	SU558824	11/02/1974	Agriculture	Thames Groundwater		
28/39/20/0050	NEW BUILDINGS, BLEWBURY (A)	SU516853	09/02/1977	Agriculture	Thames Groundwater	27.3	2273
28/39/20/0052	ST.PETERS FARM, NORTH MORETON, - WET PIT, POINT 'A'	SU564891	11/04/1986	Agriculture	Thames Groundwater	200	5682
28/39/20/0053	GREENLANDS FARM, MOULSFORD (A)	SU585831	21/12/1990	Agriculture	Thames Groundwater	251	60000
28/39/21/0066/R01	SALT BOX GROUNDWATER SCHEME BH	SU5109784194	25/01/2024	Environmental	Thames Groundwater	26500	6448333
28/39/21/0071	CHURN FARM, BLEWBURY, - BOREHOLE 'B'	SU520828	11/12/1972	Agriculture	Thames Groundwater	100	22730
28/39/21/0071	CHURN FARM, BLEWBURY, - BOREHOLE 'A'	SU511833	11/12/1972	Agriculture	Thames Groundwater		
28/39/21/0071	CHURN FARM, BLEWBURY, - BOREHOLE 'C'	SU512832	11/12/1972	Agriculture	Thames Groundwater		
28/39/22/0081	ASHDOWN PARK PUMPING STATION	SU2881	04/04/1966	Water Supply	Thames Groundwater	2727.7	831935
28/39/22/0441	ASHDOWN PARK PUMPING STATION	SU2881	04/07/1977	Water Supply	Thames Groundwater	3409.6	998322
28/39/23/0008	GREYS ROAD PUMPING STATION	SU7582	10/01/1966	Water Supply	Thames Groundwater	4546	1409289
28/39/23/0008	GREYS ROAD PUMPING STATION	SU7582	10/01/1966	Water Supply	Thames Groundwater		
28/39/23/0009	CLEEVE PUMPING STATION	SU6081	14/02/1966	Water Supply	Thames Groundwater	16365	5950838

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28/39/23/0009	CLEEVE PUMPING STATION	SU6081	14/02/1966	Water Supply	Thames Groundwater		
28/39/23/0009	CLEEVE PUMPING STATION	SU6081	14/02/1966	Water Supply	Thames Groundwater		
28/39/23/0010	HARPSDEN PUMPING STATION	SU7780	14/02/1966	Water Supply	Thames Groundwater	18000	4758000
28/39/23/0010	HARPSDEN PUMPING STATION	SU7680	14/02/1966	Water Supply	Thames Groundwater		
28/39/23/0010	HARPSDEN PUMPING STATION	SU7780	14/02/1966	Water Supply	Thames Groundwater		
28/39/23/0010	HARPSDEN PUMPING STATION	SU7680	14/02/1966	Water Supply	Thames Groundwater		
28/39/23/0010	HARPSDEN PUMPING STATION	SU7680	14/02/1966	Water Supply	Thames Groundwater		
28/39/23/0010	HARPSDEN PUMPING STATION	SU7680	14/02/1966	Water Supply	Thames Groundwater		
28/39/23/0011	DEANS FARM, CAVERSHAM, - GRAVEL WET PIT, POINT 'B'	SU73837497	14/02/1966	Industrial, Commercial and Public Services	Thames Groundwater	1223	210860
28/39/23/0011	DEANS FARM, CAVERSHAM, GRAVEL WET PIT, POINT 'A'	SU73837498	14/02/1966	Industrial, Commercial and Public Services	Thames Groundwater		
28/39/23/0011	DEANS FARM, CAVERSHAM, GRAVEL WET PIT, POINT 'A'	SU73837498	14/02/1966	Industrial, Commercial and Public Services	Thames Groundwater		
28/39/23/0011	DEANS FARM, CAVERSHAM, - GRAVEL WET PIT, POINT 'B'	SU73837497	14/02/1966	Industrial, Commercial and Public Services	Thames Groundwater		
28/39/23/0018	POINT 'A' - WET PIT AT SONNING EYE	SU74657603	04/04/1966	Industrial, Commercial and Public Services	Thames Groundwater	2450	569000
28/39/23/0018	POINT 'A' - WET PIT AT SONNING EYE	SU74657603	04/04/1966	Industrial, Commercial and Public Services	Thames Groundwater		
28/39/23/0029	SHIPLAKE, HENLEY-ON-THAMES, - BERRY'S BROOK, POINT 'B'	SU768781	13/06/1966	Agriculture	Thames Surface Water	650.1	45460
28/39/23/0046	HENLEY ON THAMES, OXON POINT C	SU759826	01/08/1966	Industrial, Commercial and Public Services	Thames Groundwater	477.3	30685
28/39/23/0046	HENLEY ON THAMES, OXON POINT A	SU759824	01/08/1966	Industrial, Commercial and Public Services	Thames Groundwater		
28/39/23/0046	HENLEY ON THAMES, OXON POINT A	SU759824	01/08/1966	Industrial, Commercial and Public Services	Thames Groundwater		
28/39/23/0046	HENLEY ON THAMES, OXON POINT C	SU759826	01/08/1966	Industrial, Commercial and Public Services	Thames Groundwater		

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28/39/23/0046	HENLEY ON THAMES, OXON POINT B	SU759825	01/08/1966	Industrial, Commercial and Public Services	Thames Groundwater		
28/39/23/0046	HENLEY ON THAMES, OXON POINT B	SU759825	01/08/1966	Industrial, Commercial and Public Services	Thames Groundwater		
28/39/23/0046	HENLEY ON THAMES, OXON POINT C	SU759826	01/08/1966	Industrial, Commercial and Public Services	Thames Groundwater		
28/39/23/0046	HENLEY ON THAMES, OXON POINT A	SU759824	01/08/1966	Industrial, Commercial and Public Services	Thames Groundwater		
28/39/23/0046	HENLEY ON THAMES, OXON POINT B	SU759825	01/08/1966	Industrial, Commercial and Public Services	Thames Groundwater		
28/39/23/0082	TURNERS COURT, BENSON, OXON - BOREHOLE A	SU64958771	25/04/1997	Water Supply	Thames Groundwater	90	16000
28/39/23/0082	TURNERS COURT, BENSON, OXON - BOREHOLE A	SU64958771	25/04/1997	Agriculture	Thames Groundwater		
28/39/23/0087	RIVER THAMES AT PHYLLIS COURT CLUB, HENLEY ON THAMES, OXON	SU764831	13/02/1967	Industrial, Commercial and Public Services	Thames Surface Water	218.2	327
28/39/23/0089	WATER COURSE AT MANOR FARM, SOUTH STOKE, BERKSHIRE, POINT B	SU600828	13/02/1967	Agriculture	Thames Surface Water	589.2	15456
28/39/23/0089	WATER COURSE AT MANOR FARM, SOUTH STOKE,BERKSHIRE POINT A	SU594840	13/02/1967	Agriculture	Thames Surface Water		
28/39/23/0091	SWISS FARM, HENLEY ON THAMES, OXON POINT C	SU758836	13/02/1967	Agriculture	Thames Groundwater	136.4	17089
28/39/23/0091	SWISS FARM, HENLEY ON THAMES, OXON POINT C	SU758836	13/02/1967	Water Supply	Thames Groundwater		
28/39/23/0091	SWISS FARM, HENLEY ON THAMES, OXON POINT B	SU761834	13/02/1967	Agriculture	Thames Groundwater		
28/39/23/0091	SWISS FARM, HENLEY ON THAMES, OXON POINT A	SU759836	13/02/1967	Water Supply	Thames Groundwater		
28/39/23/0091	SWISS FARM, HENLEY ON THAMES, OXON POINT A	SU759836	13/02/1967	Agriculture	Thames Groundwater		
28/39/23/0091	SWISS FARM, HENLEY ON THAMES, OXON POINT B	SU761834	13/02/1967	Water Supply	Thames Groundwater		
28/39/23/0121	WITHERIDGE HILL PUMPING STATION	SU6984	13/12/1971	Water Supply	Thames Groundwater	2618.6	958390
28/39/23/0122	LOWER CADLEYS FARM, SOUTH STOKE, GORING, OXON	SU61808349	13/12/1971	Agriculture	Thames Groundwater	45	2955
28/39/23/0122	LOWER CADLEYS FARM, SOUTH STOKE, GORING, OXON	SU61808349	13/12/1971	Water Supply	Thames Groundwater		

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28/39/23/0124	NETTLEBED ESTATE, BIX, OXON	SU727851	13/03/1972	Agriculture	Thames Groundwater	1636.6	197296
28/39/23/0124	NETTLEBED ESTATE, BIX, OXON	SU727851	13/03/1972	Agriculture	Thames Groundwater		
28/39/23/0134	PLAYHATCH PUMPING STATION	SU7376	18/10/1976	Water Supply	Thames Groundwater	8182.9	2654920
28/39/23/0161	SHEEPHOUSE FARM, HENLEY ON THAMES B/H B	SU770812	15/09/1987	Agriculture	Thames Groundwater	545	36365
28/39/23/0161	SHEEPHOUSE FARM, HENLEY ON THAMES B/H A	SU770812	15/09/1987	Agriculture	Thames Groundwater		
28/39/23/0168	BOLNEY FARM, SHIPLAKE, OXON B/H B	SU7742680730	19/06/1990	Agriculture	Thames Groundwater	146	18184
28/39/23/0168	BOLNEY FARM, SHIPLAKE, OXON B/H A	SU7712180552	19/06/1990	Agriculture	Thames Groundwater		
28/39/23/0169	READING GOLF CLUB, EMMER GREEN	SU71467714	15/04/1991	Industrial, Commercial and Public Services	Thames Groundwater	227.3	31823
28/39/23/0171	HENLEY GOLF CLUB, HARPSDEN (BOREHOLE)	SU7545080819	03/07/1991	Industrial, Commercial and Public Services	Thames Groundwater	437	20457
28/39/23/0171	HENLEY GOLF CLUB, HARPSDEN (BOREHOLE)	SU7545080819	03/07/1991	Industrial, Commercial and Public Services	Thames Groundwater		
28/39/23/0173	GATEHAMPTON PUMPING STATION	SU6079	22/07/1991	Water Supply	Thames Groundwater	105000	34770000
28/39/23/0173	GATEHAMPTON PUMPING STATION	SU5979	22/07/1991	Water Supply	Thames Groundwater		
28/39/23/0173	GATEHAMPTON PUMPING STATION	SU6079	22/07/1991	Water Supply	Thames Groundwater		
28/39/23/0173	GATEHAMPTON PUMPING STATION	SU6080	22/07/1991	Water Supply	Thames Groundwater		
28/39/23/0173	GATEHAMPTON PUMPING STATION	SU6079	22/07/1991	Water Supply	Thames Groundwater		
28/39/23/0173	GATEHAMPTON PUMPING STATION	SU6079	22/07/1991	Water Supply	Thames Groundwater		
28/39/23/0173	GATEHAMPTON PUMPING STATION	SU6079	22/07/1991	Water Supply	Thames Groundwater		
28/39/23/0174	MAPLEDURHAM GOLF CLUB	SU695772	28/02/1992	Industrial, Commercial and Public Services	Thames Groundwater	63.6	8,920

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28/39/23/0185	MAPLEDURHAM, OXFORDSHIRE (B)	SU672776	20/09/1999	Agriculture	Thames Groundwater	318.1	52410
28/39/23/0185	MAPLEDURHAM, OXFORDSHIRE (D)	SU678758	20/09/1999	Agriculture	Thames Groundwater		
28/39/23/0185	MAPLEDURHAM, OXFORDSHIRE (A)	SU669767	20/09/1999	Agriculture	Thames Groundwater		
28/39/23/0185	MAPLEDURHAM, OXFORDSHIRE (C)	SU676763	20/09/1999	Agriculture	Thames Groundwater		
28/39/23/0185	MAPLEDURHAM, OXFORDSHIRE (D)	SU678758	20/09/1999	Water Supply	Thames Groundwater		
28/39/23/0185	MAPLEDURHAM, OXFORDSHIRE (B)	SU672776	20/09/1999	Water Supply	Thames Groundwater		
28/39/23/0185	MAPLEDURHAM, OXFORDSHIRE (C)	SU676763	20/09/1999	Water Supply	Thames Groundwater		
28/39/23/0185	MAPLEDURHAM, OXFORDSHIRE (A)	SU669767	20/09/1999	Water Supply	Thames Groundwater		
28/39/23/0200/R01	RIVER THAMES - MILL RACE, MAPLEDURHAM MILL	SU6692876749	04/12/2015	Production Of Energy	Thames Surface Water	691200	252288000
TH/039/0001/008	WYTHAM (OR SEACOURT) STREAM AT OXFORD UNIVERSITY	SP4768909461	18/11/2022	Agriculture	Thames Surface Water	346	18000
TH/039/0009/010	POINT B CHIMNEY MEADOWS NATURE RESERVE	SP3665000342	01/09/2021	Environmental	Thames Surface Water	n/a	n/a
TH/039/0015/002	GLOBAL RETREAT CENTRE, NUNEHAM PARK, NUNEHAM COURTENAY	SU5406598000	01/04/2013	Industrial, Commercial and Public Services	Thames Groundwater	35	8000
TH/039/0015/006	RIVER THAMES AT CULHAM WEIR	SU5010194397	24/07/2014	Production Of Energy	Thames Surface Water	n/a	n/a
TH/039/0016/004	RIVER THAMES AT SANDFORD ON THAMES	SP5288701697	27/02/2015	Production Of Energy	Thames Surface Water	2203200	660960000
TH/039/0016/007	RADLEY COLLEGE BOREHOLE	SU5193799587	08/04/2013	Industrial, Commercial and Public Services	Thames Groundwater	182.4	66574
TH/039/0016/007	RADLEY COLLEGE BOREHOLE	SU5193799587	08/04/2013	Industrial, Commercial and Public Services	Thames Groundwater		
TH/039/0016/016	KINGSTON HILL FARM KINGSTON BAGPUIZE (BH)	SU4076199948	01/04/2013	Agriculture	Thames Groundwater	40	14600
TH/039/0016/020	RIVER THAMES AT SANDFORD ON THAMES	SP5284301804	27/02/2015	Production Of Energy	Thames Surface Water	n/a	n/a
TH/039/0016/027	SHIFFORD WEIR FISH PASS	SP3627900711	24/05/2022	Environmental	Thames Surface Water	n/a	n/a

License Number	Location	NGR	Date Granted	Purpose	SOURCE	Daily m^3/d	Annually m^3/yr
TH/039/0017/001/R 01	CHADWICKS FARM, GARFORD, - BOREHOLE 'A'	SU4257095320	20/07/2023	Agriculture	Thames Groundwater	48	9159
TH/039/0017/001/R 01	CHADWICKS FARM, GARFORD, - BOREHOLE 'A'	SU4257095320	20/07/2023	Agriculture	Thames Groundwater	72	21282
TH/039/0017/002/R 01	MILLETS FARM, GARFORD, - BOREHOLE 'A'	SU4214296263	31/07/2023	Agriculture	Thames Groundwater	262	22727
TH/039/0017/003/R 01	MILLETS FARM, GARFORD, - BOREHOLE 'A'	SU4319096999	12/07/2023	Agriculture	Thames Groundwater	455	13638
TH/039/0017/005	POINT A RIVER OCK AT MILLETS FARM CENTRE	SU4285496447	22/07/2022	Agriculture	Thames Surface Water	256	21495
TH/039/0018/001/R 01	HR WALLINGFORD BOREHOLE	SU6170089900	01/04/2016	Production Of Energy	Thames Groundwater	360	20000
TH/039/0018/003	DRAYTON PARK GOLF CLUB, DRAYTON - WETPIT	SU4810193100	01/04/2013	Industrial, Commercial and Public Services	Thames Groundwater	75	9800
TH/039/0018/012	SUTTON WICK	SU4916994972	01/06/2022	Industrial, Commercial and Public Services	Thames Groundwater	2125	510000
TH/039/0018/012	SUTTON WICK	SU4916994972	01/06/2022	Industrial, Commercial and Public Services	Thames Groundwater	41	7995
TH/039/0020/004	HOOKS BOTTOM BOREHOLE	SU5584484075	07/06/2012	Agriculture	Thames Groundwater	158	50000
TH/039/0020/004	LOWER HILL BOREHOLE	SU5551484207	07/06/2012	Agriculture	Thames Groundwater		
TH/039/0020/005	BOREHOLE AT WHITESHOOT FARM PIG UNIT	SU5368084496	28/11/2016	Agriculture	Thames Groundwater	40	13870
TH/039/0020/005	WHITESHOOT PIG UNIT - ABSTRACTION POINT B	SU5393084792	28/11/2016	Agriculture	Thames Groundwater		
TH/039/0023/002	BOREHOLE AT COPPID HALL	SU7396578542	01/10/2009	Industrial, Commercial and Public Services	Thames Groundwater	216	17000
TH/039/0023/003/R 02	CAVERSHAM HEATH GOLF COURSE, MAPLEDURHAM	SU6925076720	01/04/2019	Industrial, Commercial and Public Services	Thames Groundwater	528	50000
TH/039/0023/004	RIVER THAMES AT SONNING MILL ISLAND	SU7521875564	30/01/2017	Production Of Energy	Thames Surface Water	933120	340588800
TH/039/0023/005	SHEEPCOT FARM, NORTH STOKE	SU6244187425	07/06/2012	Agriculture	Thames Groundwater	100	36500
TH/039/0023/005	BLACK BARN FARM, NEAR NORTH STOKE (A)	SU6259086350	07/06/2012	Agriculture	Thames Groundwater		
TH/039/0023/007	BADGEMORE PARK GOLF CLUB, HENLEY ON THAMES	SU7475083170	01/11/2010	Industrial, Commercial and Public Services	Thames Groundwater	420	30000

License Number	Location	NGR	Date Granted	Purpose	SOURCE	Daily m^3/d	Annually m^3/yr
TH/039/0023/020	BOREHOLE AT THE MILL AT SONNING THEATRE	SU7543575775	15/01/2016	Industrial, Commercial and Public Services	Thames Groundwater	282	102930
TH/039/0023/023	GREYS GREEN GOLF COURSE	SU7132781970	19/10/2018	Industrial, Commercial and Public Services	Thames Groundwater	400	44000
TH/039/0023/024	ICKNIELD FARM BOREHOLE	SU6222684033	23/09/2016	Industrial, Commercial and Public Services	Thames Groundwater	96	35040
TH/039/0023/034	BOREHOLE AT HUNTERCOMBE GOLF CLUB NUFFIELD	SU6694687537	28/11/2023	Industrial, Commercial and Public Services	Thames Groundwater	83	30000
TH/039/0023/035	BOREHOLE AT SPRINGS GOLF CLUB, WALLINGFORD	SU6145786782	16/02/2024	Industrial, Commercial and Public Services	Thames Groundwater	240	35000
TH/039/0023/036	RIVER THAMES AT WHARF HOUSE, PANGBOURNE	SU6351176748	22/12/2021	Production Of Energy	Thames Surface Water	128	46270
TH/039/0026/010	RIVER THAMES AT MARSH WEIR AT HENLEY ON THAMES	SU7735781643	29/05/2012	Environmental	Thames Surface Water	n/a	n/a

Reach Abstractions

License Number	Location	NGR	Date Granted	Purpose	SOURCE	Daily m^3/d	Annually m^3/yr
28/39/09/0004	HOME FARM (RIVER THAMES A TO B)	SU244984	06/09/2016	Agriculture	Thames Surface Water	909.2	25003
28/39/09/0042	MANOR FARM, GRAFTON - RIVER THAMES AT A & B	SU270991	19/06/1979	Agriculture	Thames Surface Water	454.6	9092
28/39/09/0051	FRIARS COURT & RADCOT FARMS A-B - RIVER THAMES	SU286995	30/07/1992	Agriculture	Thames Surface Water	204.6	11365
28/39/09/0053	TADPOLE BRIDGE, SHIFFORD - RIVER THAMES 'A' - 'B'	SP337004	13/02/1967	Agriculture	Thames Surface Water	288.7	8660
28/39/16/0009	UNIVERSITY FIELD STATION, WYTHAM, OXFORD (A & B) - R.THAMES	SP466101	22/10/1985	Agriculture	Thames Surface Water	600.1	43187
28/39/17/0027	GARFORD, NEAR ABINGDON(A TO B) - RIVER OCK	SU427963	01/08/1966	Agriculture	Thames Surface Water	572.8	15911
28/39/17/0111	SHELLINGFORD, FARINGDON - TRIB .RIVER OCK	SU306938	07/11/1979	Agriculture	Thames Surface Water	114.6	7955
28/39/17/0113	PILING BROOK AT FYFIELD	SU4269098712	01/04/2013	Industrial, Commercial and Public Services	Thames Surface Water	568	46000
28/39/17/0117	PILING BROOK, FYFIELD, ABINGDON	SU427987	21/04/2006	Agriculture	Thames Surface Water	136	4728
28/39/18/0073	MILTON HILL, ABINGDON, - MOOR DITCH	SU482901	03/06/1988	Agriculture	Thames Surface Water	654.6	20457
28/39/19/0010	UPPER FARM, WARBOROUGH - RIVER THAMES	SU587947	29/09/1987	Agriculture	Thames Surface Water	818.3	16365
28/39/19/0014	QUEENSFORD FARM, DORCESTER ON THAMES- RIVER THAMES	SU586943	24/11/1996	Agriculture	Thames Surface Water	410	1364
28/39/19/0072	LITTLE HASELEY, - MASELY BROOK	SU627994	14/11/1966	Agriculture	Thames Surface Water	227.3	9092
28/39/19/0190	HASELEY BROOK; W/COURSE; R.THAMES; AT BELCHERS FARM, LITTLE MILTON	SP604009	31/01/1989	Agriculture	Thames Surface Water	286.4	17729
28/39/19/0223	HASELEY BROOK AT DITCHEND (A TO B)	SU613999	12/05/2000	Agriculture	Thames Surface Water	300	4318
28/39/23/0029	SHIPLAKE, HENLEY-ON-THAMES, - RIVER THAMES,	SU780787	13/06/1966	Agriculture	Thames Surface Water	650.1	45460
28/39/23/0100	RIVER THAMES AT PARK FARM, MAPLEDURHAM	SU67017647	18/12/1997	Agriculture	Thames Surface Water	455	6819
TH/039/0015/003	RIVER THAMES AT CULHAM WEIR	SU5010994396	24/07/2014	Production Of Energy	Thames Surface Water	2299968	505992960

Response ID ANON-NKKN-28W2-5

Submitted to Joint Local Plan Preferred Options Consultation
Submitted on 2024-03-14 11:42:41

Your contact details

Are you responding as a:

Statutory body (Environment Agency, National Highways, Natural England etc.)

Other (please specify below):

[redacted]

[redacted]

Please provide your contact details below.

[redacted]

[redacted]

Name of the business or organisation you're representing (if relevant):
The Environment Agency

[redacted]

[redacted]

If you do not have an email address, please provide your postal details below.

Address line 1:
Environment Agency

Address line 2:
Red Kite House,

Address line 3:
Howbery Park,

Postal town:
Wallingford

Postcode:
OX10 8BD

Name of business/organisation:

Name of business/organisation::
Not Answered

Name of the business/organisation you're representing (if relevant):

Name of the business/organisation you're representing (if relevant)::
Not Answered

Chapter 3. Vision and objectives

How far do you agree or disagree with our updated vision and the new objectives?

Level of agreement to vision and objectives - Vision:

Level of agreement to vision and objectives - Objectives:
Disagree

You can use this space to tell us why or add any comments you have on the proposed vision and objectives:

Part 3. Vision and Objectives
Page 29, bullet point 3: This area is likely to not just have flash floods, but also larger slower flood events such as those associated with the River Thames.

Chapter 4. Climate Change and Environmental Quality

Policy CE1: Sustainable design and construction- Which option do you prefer?

Option A

You can use this space to tell us why or add any comments or ideas you have for an alternative option: :

Policy CE1- How far do you agree or disagree with the proposed draft policy wording?

Agree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy CE 1
We welcome the inclusion of 2.a).

Policy CE2: Net zero carbon buildings - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy CE2 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy CE3: Reducing embodied carbon - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy CE3 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy CE4: Sustainable retrofitting - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy CE4 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy CE5: Renewable energy - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy CE5 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy CE6: Flood risk and drainage policy - Which option do you prefer?

Option A

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

We agree that option A is the preferred option in that it includes the latest national polices and local strategies.

Policy CE6 - How far do you agree or disagree with the proposed draft policy wording?

Disagree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

1) Planning decisions will minimise the risk and impact of flooding through:
a) directing new development to areas with the lowest probability of flooding, taking all sources of flood risk and climate change into account;
b) ensuring that all new development addresses the effective management of all sources of flood risk;
c) ensuring that development does not increase the risk of flooding elsewhere; and
d) ensuring wider environmental benefits of development in relation to flood risk.

We welcome the inclusion of the bullet points above on how flood risk will be minimised during planning. Please can you clarify the meaning of part b)? We recommend that you also include an additional bullet point here on ensuring the safety of occupants for the lifetime of the development.

If you wish to develop this policy further, the wording 'and where possible reduces flood risk overall' could be added to point c. This would be in line with paragraph 170 of the NPPF.

2) The Sequential Test and where necessary the Exceptions Test should be applied at a site level to development proposed in areas at risk of flooding*, taking all sources of flood risk and climate change into account, as identified in the SFRA.

*Apart from proposals identified as exempt in the NPPF ie footnote 60.

We welcome the inclusion of the sequential and exception tests for development. We look forward to reviewing the updated joint SFRA and associated sequential and exception tests. We recommend the text above is reviewed to see if it can be rephrased, including to remove the need for an asterisk. We also recommend that you don't reference specific paragraphs or footnote numbers in the NPPF as these could change over the lifetime of the Local Plan.

3) A site-specific Flood Risk Assessment (FRA) should be provided for all development in Flood Zones 2 and 3. In Flood Zone 1 an FRA should accompany all proposals involving:
a) sites of 1 hectare or more;
b) land which has been identified by the Environment Agency as having critical drainage problems;
c) land identified in the Strategic Flood Risk Assessment as being at increased flood risk in future; or
d) land that may be subject to other sources of flooding.
Appropriate mitigation and measures will be required to be implemented.

During the SFRA update, can you clarify if critical drainage areas/problems will be defined and/or included? Bullet point b) will need to be deleted if critical drainage areas are not included.

We support bullet point c) in that FRAs will be required for some sites located in Flood Zone 1. This will include areas within the 1%AEP + climate change that are outside of Flood Zone 2, which is in line with our NaFRA2 project which includes the impacts of climate change on flood risk. Further guidance on this project can be found here: Updates to national flood and coastal erosion risk information - GOV.UK (www.gov.uk)

We welcome the inclusion of all flood risk in bullet point d). To ensure all FRA's consider all sources of flood risk we suggest you add the following wording to part 3 of this policy:

'The FRA should consider all sources of flood risk and the impacts of climate change'

This would fit best before 'Appropriate mitigation and measures will be required to be implemented'.
Alternatively, this section could be added to part 5 of this policy (please see below for more information).

4) Replacement of individual dwellings on brownfield within zone 3b will only be allowed where the proposal includes a high standard of flood mitigation resistance and resilience, where the built footprint of a site is not increased and where risk is demonstrably decreased with mitigation measures to reduce the causes and impacts of flooding without increasing flood risk elsewhere.

We support the conditions for replacement dwellings on brownfield sites within Flood Zone 3b. We suggest that you remove the word causes as we are not clear on how this could be achieved. We also suggest that you change flood mitigation to "resistance and resilience" as highlighted above. We believe this is the type of mitigation you are referring to here, and prevents repetition to mitigation in this paragraph.

In addition, your local policy should set out what development is and is not appropriate in Flood Zone 3b (functional floodplain) based on the findings of your SFRA and in line with the PPG and NPPF. This may be simply stating that only water compatible and essential infrastructure will be allowed in Flood Zone 3b, and that the exception test will still apply.

5) All development proposals must be assessed against the new Joint Local Plan Strategic Flood Risk Assessment (or any updates commissioned by the councils) and the Oxfordshire Local Flood Risk Management Strategy to address locally significant flooding. Appropriate mitigation and management

measures must be implemented and maintained.

Whilst we welcome the inclusion of this part of the policy, we would normally expect key findings of your SFRA to be summarised and bought forward into local policy. Often this includes design requirements such as on finished floor levels, safeguards for floodplain storage and flood flows. Therefore, this section of the policy may need developing following the creation of your new joint SFRA.

Policy CE7: Water efficiency policy - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy CE7 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy CE8: Water quality and wastewater infrastructure policy - Which option do you prefer?

Option A

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Subsection 5 ("There must be adequate wastewater treatment capacity to serve development") is critically important. There is a significant issue with capacity at sewage treatment works within the plan area. We note that the councils intend to commission a Water Cycle Study to inform the Joint Local Plan. Because of the sewage treatment work capacity issue mentioned above, we strongly recommend that an updated Water Cycle Study or Water Quality Assessment should be done as soon as possible.

Policy CE8 - How far do you agree or disagree with the proposed draft policy wording?

Disagree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

section 1 of the policy talks about protecting and enhancing water quality, including through the use of sustainable drainage systems (SuDS). It would be useful to include information about SuDS in the supporting text for policy CE8 (at present SuDs are discussed in the flood risk section, but we would like to see that referenced within the Water Quality policy). From a water quality perspective, appropriate drainage, and separating surface water from foul water is vital to ensuring new developments do not lead to an increase in permitted or unpermitted storm overflows. The supporting text to CE8 (on page 74 of the draft plan) discusses road run-off. Road run-off contains more pollutants than silt, oil etc, and can include substances such as microplastics, chemicals and hydrocarbons. We would recommend strengthening this section to highlight some of the wider potential impacts on water quality from new and existing roads, and increased traffic. Mitigation should be proposed in order to address these impacts. We would also strongly recommend that mitigation should be proposed for any new roads which cross or are near waterbodies/watercourses.

section 7 - There is mention of applying Grampian Conditions ‘where appropriate’ when infrastructure is insufficient. We are concerned that the phrase ‘where appropriate’ could be challenged by developers or water companies, and strongly recommend that the phrase "where appropriate" is removed or at the very least, that this section is strengthened.

Policy CE9: Air quality policy - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy CE9 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy CE10: Pollution sources and receptors - Which option do you prefer?

Option A

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy CE10 - How far do you agree or disagree with the proposed draft policy wording?

Disagree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Pollution sources and receptors are linked to noise, air quality etc, but not to water. We would like to see waterbodies recognised as a pollution receptor that could be affected by development within the plan.

Do you include any definition of “adverse effect(s) of pollution”? Is any level of pollution is considered acceptable or do you expect any adverse impacts to be mitigated in full?

Policy CE11: Light pollution and dark skies - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy CE11 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy CE12: Soils and contaminated land - Which option do you prefer?

Option A

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy CE12 - How far do you agree or disagree with the proposed draft policy wording?

Agree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

The Environment Agency wishes to ensure that proposed developments, particularly the proposed allocations, situated above a principal/secondary A aquifer, do not pose any unacceptable risk to the water environment. Therefore, we would generally recommend a contamination investigation and remediation strategy. Our standard planning conditions require these measures:
• a preliminary risk assessment, a site investigation to assess the risk to groundwater, a remediation strategy, and finally, a verification plan.
• verification report demonstrating the completion of works set out in the approved remediation strategy.
• We often request another condition in case previously unidentified contamination is found to be present at the site during development, then no further development should be carried out until a remediation strategy is submitted.
By way of best practice when commenting on planning applications, the Environment Agency would normally also recommend informatives relating to managing wastes on and off-site, in order to address contaminated soils at the site.

Policy CE13: Minerals safeguarding areas - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy CE13 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Chapter 6. Housing

Policy HOU1: Housing requirement - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HOU1 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HOU2: Sources of housing supply - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HOU2 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HOU3: Affordable housing - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HOU3 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HOU4: Housing mix and size - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HOU4 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HOU5: Housing for older people - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HOU5 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HOU6: Self-build and custom-build housing - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HOU6 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HOU7: Affordable self and custom-build housing - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HOU7 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HOU8: Replacement dwellings in the countryside - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HOU8 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HOU9: Sub-division of houses - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HOU9 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HOU10: Meeting the needs of Gypsies, Travellers and Travelling Show people - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HOU10 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HOU11: Proposals for/affecting Gypsies, Travellers and Travelling Show people's sites - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HOU11 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HOU12: Rural and First Homes exception sites - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HOU12 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HOU13: Community-led housing development - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HOU13 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HOU14: Build to Rent proposals - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HOU14 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HOU15: Houses in Multiple Occupation - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HOU15 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HOU16: Residential extensions and annexes - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HOU16 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HOU17: Rural workers' dwellings - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HOU17 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Chapter 8. Allocations and Garden Villages

Policy LS1: Proposals for Large Scale Major Development - Which option do you prefer?

Option A

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy LS1 - How far do you agree or disagree with the proposed draft policy wording?

Agree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

We are pleased to note that section g includes requirements for (depending on sites location and characteristics) the following technical studies and supporting documents:
a site specific flood risk assessment (FRA);
ecological impact assessment;
Ecological and Landscape Management Plan to be provided to manage habitats onsite; construction environmental management plan;
integrated water management plan to include proposed foul and surface water drainage strategies, incorporating a sewage capacity assessment

Residential Focused Allocations - Do you have any comments on this section?

Residential Focused Allocations comments:

We note and welcome that 'The councils intend to commission consultants to produce a Strategic Flood Risk Assessment (SFRA) to inform the Joint Local Plan, and the policy should take into account the recommendations highlighted within this new evidence. This will be available for the next stage of consultation (Regulation 19).'.

Your site allocations will need to pass the Sequential Test. Without a Sequential Test that considers all sources of flood risk and the impacts of climate

change, it is not appropriate to put forward sites to allocate as it is not known if these sites are at the lowest flood risk within your area. In addition, if it is not possible for all sites to be located in Flood Zone 1, a Level 2 SFRA will be required to assess whether it is possible for sites at flood risk to be developed. The Exception Test may also need to be passed for some sites.

Your flood risk evidence base (Level 1 SFRA, Sequential Test and if needed Level 2 SFRA and Exception Tests) will be required at the Regulation 19 stage in order to ensure the plan is justified and therefore sound.

We note ten of your allocations contain land within Flood Zones 2 or 3. It is not clear whether these sites have passed the Sequential Test.

We would expect flood risk requirements to be included in your local policies for any site allocations located within the floodplain that pass the Sequential Test, and if needed, an Exception Test. For all sites within Flood Zones 2 or 3, the following will be required:
• There should not be inappropriate development in FZ3b.
• An Exception Test will need to be passed again at the planning application stage if the proposed site is partially in FZ3 and 'more vulnerable' development is proposed.
• A site specific flood risk assessment (FRA) that demonstrates occupants will be safe and that there would be no increases in flood risk elsewhere. This should include details such as the need for level for level compensation for any loss of floodplain storage.

We recommend your local site allocations policies clearly state relevant flood risk requirements for each site, such as those set out above, to provide clarity to future developers. There is also an opportunity to highlight that it may be possible to deliver flood risk benefits on your site allocations, such as increasing floodplain storage available on site.

National flood modelling and unmodelled watercourses
A new national model is expected to be released in late 2024. This will replace the current national modelling (JFLOW). This is likely to change the Flood Zones on some of your site allocations, and should provide additional information on climate change and Flood Zone 3b. More information on this new dataset can be found here: Updates to national flood and coastal erosion risk information - GOV.UK (www.gov.uk) .

Some watercourses in SODC and VoWH are not currently modelled and are identified as ‘unmodelled watercourses’. These watercourses may be covered by the new national modelling in future.
We would be happy to discuss these points further with you when you are preparing your SFRA

Policy AS1: Land at Berinsfield Garden Village - How far do you agree or disagree with the proposed draft policy wording?

Disagree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Water Quality: The Environment Agency presumes that the intention will be for this site to discharge to Culham STW. The DWF permit at Culham has quite a bit of capacity (relative to its size), but the development highlighted in this plan discharging to Culham STW is quite large compared to the size of the STW (especially considering potential allocations AS2, AS11 & AS13). We would expect to see an headroom capacity assessment to include this development, and any others going to Culham STW to ensure that the DWF permit is not exceeded, and give Thames Water adequate time to plan accordingly and ensure any new permits are in place in advance of flow exceeding their permitted limits. Culham STW had a 'Temporary Deemed Consent' for its storm overflow. This needs to be converted into an EPR permit by the end of AMP7 (March 2025) without exception. Currently there is no Flow to Full Treatment (FFT) or storm tank size on the permit so it is not possible assess if these are adequately sized. Based on standard methodologies, FFT should be around 100l/s and storm tank capacity should be around 285m3. If these are not being met, there is a risk that additional development may lead to increased instances of storm overflows and impact of the receiving environment. Culham is a relatively low spilling site, and we would not want new development to change that.

Groundwater and contaminated land: The site is underlain by principal and/or secondary aquifer A. Additionally, much of the site is located upon a historic landfill, and we are aware of a previous history of land contamination. Considering the previous land contamination history, there is a risk that infiltration SuDS could mobilize contamination and pollute controlled waters. We would not normally wish to see infiltration SuDS used in areas of contamination, even following remediation. Therefore, details of the proposed SuDS will need to be provided in combination with the contamination investigation. The Environment Agency is likely to resist any drainage systems which infiltrate surface water to the ground at this location.

Flood Risk: There are areas of flood zones 1, 2 and 3 at the site. There is no detailed flood risk modelling available (only JFLOW) so likely you will need to undertake modelling to better understand flood risk in this area. The Environment Agency is very concerned that there is no mention of flood risk in the policy.

Policy AS1: Do you have any comments on the concept plan?

Let us know in the box below:

Policy AS2: Land adjacent to Culham Science Centre - How far do you agree or disagree with the proposed draft policy wording?

Disagree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Water Quality: The Environment Agency presumes that the intention will be for this site to discharge to Culham STW. The DWF permit at Culham has quite a bit of capacity (relative to its size), but the development highlighted in this plan discharging to Culham STW is quite large compared to the size of the STW (especially considering potential allocations AS2, AS11 & AS13). We would expect to see an headroom capacity assessment to include this

development, and any others going to Culham STW to ensure that the DWF permit is not exceeded, and give Thames Water adequate time to plan accordingly and ensure any new permits are in place in advance of flow exceeding their permitted limits. Culham STW had a 'Temporary Deemed Consent' for its storm overflow. This needs to be converted into an EPR permit by the end of AMP7 (March 2025) without exception. Currently there is no Flow to Full Treatment (FFT) or storm tank size on the permit so it is not possible assess if these are adequately sized. Based on standard methodologies, FFT should be around 100l/s and storm tank capacity should be around 285m3. If these are not being met, there is a risk that additional development may lead to increased instances of storm overflows and impact of the receiving environment. Culham is a relatively low spilling site, and we would not want new development to change that.

Groundwater and contaminated land: The site is underlain by secondary aquifer A and we are aware of a previous history of land contamination. Considering the previous land contamination history, there is a risk that infiltration SuDS could mobilize contamination and pollute controlled waters. We would not normally wish to see infiltration SuDS used in areas of contamination, even following remediation. Therefore, details of the proposed SuDS will need to be provided in combination with the contamination investigation. The Environment Agency is likely to resist any drainage systems which infiltrate surface water to the ground at this location.

Flood Risk: There are areas of flood zones 1, 2 and 3 at the site, and the River Thames adjoins the northern boundary of the site. We welcome part 'm' of the policy. This should be developed further to ensure the floodplain is safeguarded from built development

Fisheries and biodiversity: We welcome the commitments to the enhancement of the River Thames floodplain at the northern boundary of the site but would like this policy to note that that the ecological buffer zone for the river Thames must be free from development and infrastructure including footpaths, cycle paths, lighting and recreational infrastructure. Plans will be required to show how the watercourse and its buffer zone will be protected from a massive increase in disturbance from the proposed development.

Policy AS2: Do you have any comments on the concept plan?

Concept plan comments:

Policy AS3: Land South of Grenoble Road, Edge of Oxford - How far do you agree or disagree with the proposed draft policy wording?

Disagree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Water Quality: Oxford STW has an AMP7 U_IMP 5 driver which is due to be delivered by March 2025. This driver was allocated as an opportunity for Oxford STW to ‘catch up’ because the FFT and permitted DWF had become unaligned. The FFT is considered too small for the population it currently serves. The site should be upgraded based on the 3PG+Imax+3E formula.

The current operational FFT is believed to be 1047l/s. Thames had originally proposed an FFT of 1285 l/s, which the EA objected to. A response was sent to Thames Water in January 2022 outlining our concerns.

The deadline of March 2025 is a regulatory and legal deadline. I understand that the scheme will not be delivered by this date, which means the site is at risk of further non-compliance. The EA’s approach to Thames Water’s AMP 7 non deliveries has been to update and issue the permits by the regulatory deadline and measure compliance against the updated limits.

Oxford STW had a ‘Temp’ permit for its storm overflow. The remaining ‘Temp’ sites need to be converted into EPR permits by the end of AMP7 (March 2025). For sites with a U_IMP5 driver we had planned to use the agreed U_IMP5 FFT figure on the updated permit. As we have not agreed a FFT figure to meet the U_IMP5 driver, we are currently unable to agree a figure for the EPR permit. This issue needs to be resolved as a matter of urgency.

Infiltration is a significant issue at Oxford STW. Information provided by Thames Water as part of the original U_IMP review showed that Imax is 509l/s, I ave is 207 l/s and I dwf is 149l/s. This suggests that a relatively large proportion (up to half in very wet conditions) of FFT headroom is taken up by infiltration. This may lead to wastewater flow from within the catchment not being passed forward for treatment and the risk of prolonged storm overflows during periods of high infiltration. Oxford STW has a GISMP and actions need to be taken to reduce the impact of groundwater infiltration at this site.

A Compliance Assessment Report (CAR) form was issued to Thames Water in November 2021. This outlined a number of significant and serious breaches of the Environmental Permit. We expect the recommendations be carried out and evidence that the STW is working to come back into compliance.

Within the CAR form it is noted that one of the storm tanks has been repurposed as a balancing tank. As mentioned above, Oxford STW has a ‘Temp’ permit for the storm overflow, as a result it does not have a storm tank condition on it. However, using the 68l per head methodology for storm tank capacity, we believe the available storm tank capacity should be around 14,700m3 based on the 2022 population equivalent. The CAR form from 2021 suggest storm tank capacity is 6855m3, however it is unclear if this figure includes the storm tank now being used as a balancing tank. Either way, the available storm tank capacity is significantly below what would be required for the population served. Given some of the issues noted above, and in the CAR form, this lack of storm capacity presents a significant risk.

The pumping regime, in particular the flows rates from Littlemore Pumping Station are believed to be putting additional strain on Oxford STWs ability to treat incoming flows. The EA understands that during high flows Littlemore SPS pumps a minimum of 1200l/s into Oxford STW, but can typically pump up to 1400l/s. This leads to surges in flow coming into the STW meaning the works become overwhelmed. As mentioned above, the operational FFT at Oxford STW is 1047l/s, meaning Littlemore SPS may always be pumping more than Oxford STWs capacity into works. Littlemore SPS is not the only inlet flow to the works. Any additional flows into the STW from new development will lead to greater surges of flow, potential spills from CSOs within Oxford, potential for the STW to become overwhelmed, and the potentially for increased storm overflows.

Given the issues mentioned above, any additional flows discharging to Oxford STW present a significant environmental risk. Thames Water need to develop a plan to deliver the AMP7 obligations in a timely manner, show evidence of coming back into compliance, and plan appropriately into the future to meet the demands of growth outlined in this plan, but also other Local Plans that cover the Oxford STW catchment.

Groundwater and contaminated land: The site is underlain by secondary A aquifer. Additionally, much of the site is located upon a historic landfill, and we are aware of a previous history of land contamination. Considering the previous land contamination history, there is a risk that infiltration SuDS could mobilize contamination and pollute controlled waters. We would not normally wish to see infiltration SuDS used in areas of contamination, even following remediation. Therefore, details of the proposed SuDS will need to be provided in combination with the contamination investigation. The Environment Agency is likely to resist any drainage systems which infiltrate surface water to the ground at this location.

Flood Risk: Whilst site is mostly FZ1, this is partially because there is no modelling available for much of an ordinary watercourse in the north of the site (a tributary of Littlemore Brook). Therefore flood risk associated with this tributary should be modelled. The Environment Agency's draft New National Model (NNM) shows flood extents covering a significant portion of the site which may limit the amount of development that can be built here. We are very concerned that there is no mention of flood risk in the draft policy.

Policy AS3: Do you have any comments on the concept plan?

comments on the concept plan:

Policy AS4: Land at Northfield, Edge of Oxford - How far do you agree or disagree with the proposed draft policy wording?

Disagree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Water Quality: Oxford STW has an AMP7 U_IMP 5 driver which is due to be delivered by March 2025. This driver was allocated as an opportunity for Oxford STW to 'catch up' because the FFT and permitted DWF had become unaligned. The FFT is considered too small for the population it currently serves. The site should be upgraded based on the 3PG+Imax+3E formula.

The current operational FFT is believed to be 1047l/s. Thames had originally proposed an FFT of 1285 l/s, which the EA objected to. A response was sent to Thames Water in January 2022 outlining our concerns.

The deadline of March 2025 is a regulatory and legal deadline. I understand that the scheme will not be delivered by this date, which means the site is at risk of further non-compliance. The EA's approach to Thames Water's AMP 7 non deliveries has been to update and issue the permits by the regulatory deadline and measure compliance against the updated limits.

Oxford STW had a 'Temp' permit for its storm overflow. The remaining 'Temp' sites need to be converted into EPR permits by the end of AMP7 (March 2025). For sites with a U_IMP5 driver we had planned to use the agreed U_IMP5 FFT figure on the updated permit. As we have not agreed a FFT figure to meet the U_IMP5 driver, we are currently unable to agree a figure for the EPR permit. This issue needs to be resolved as a matter of urgency.

Infiltration is a significant issue at Oxford STW. Information provided by Thames Water as part of the original U_IMP review showed that Imax is 509l/s, I ave is 207 l/s and I dwf is 149l/s. This suggests that a relatively large proportion (up to half in very wet conditions) of FFT headroom is taken up by infiltration. This may lead to wastewater flow from within the catchment not being passed forward for treatment and the risk of prolonged storm overflows during periods of high infiltration. Oxford STW has a GISMP and actions need to be taken to reduce the impact of groundwater infiltration at this site.

A Compliance Assessment Report (CAR) form was issued to Thames Water in November 2021. This outlined a number of significant and serious breaches of the Environmental Permit. We expect the recommendations be carried out and evidence that the STW is working to come back into compliance.

Within the CAR form it is noted that one of the storm tanks has been repurposed as a balancing tank. As mentioned above, Oxford STW has a 'Temp' permit for the storm overflow, as a result it does not have a storm tank condition on it. However, using the 68l per head methodology for storm tank capacity, we believe the available storm tank capacity should be around 14,700m3 based on the 2022 population equivalent. The CAR form from 2021 suggest storm tank capacity is 6855m3, however it is unclear if this figure includes the storm tank now being used as a balancing tank. Either way, the available storm tank capacity is significantly below what would be required for the population served. Given some of the issues noted above, and in the CAR form, this lack of storm capacity presents a significant risk.

The pumping regime, in particular the flows rates from Littlemore Pumping Station are believed to be putting additional strain on Oxford STWs ability to treat incoming flows. The EA understands that during high flows Littlemore SPS pumps a minimum of 1200l/s into Oxford STW, but can typically pump up to 1400l/s. This leads to surges in flow coming into the STW meaning the works become overwhelmed. As mentioned above, the operational FFT at Oxford STW is 1047l/s, meaning Littlemore SPS may always be pumping more than Oxford STWs capacity into works. Littlemore SPS is not the only inlet flow to the works. Any additional flows into the STW from new development will lead to greater surges of flow, potential spills from CSOs within Oxford, potential for the STW to become overwhelmed, and the potentially for increased storm overflows.

Given the issues mentioned above, any additional flows discharging to Oxford STW present a significant environmental risk. Thames Water need to develop a plan to deliver the AMP7 obligations in a timely manner, show evidence of coming back into compliance, and plan appropriately into the future to meet the demands of growth outlined in this plan, but also other Local Plans that cover the Oxford STW catchment.

Groundwater and contaminated land: The site is underlain by secondary A aquifer and we are aware of a previous history of land contamination. Considering the previous land contamination history, there is a risk that infiltration SuDS could mobilize contamination and pollute controlled waters. We would not normally wish to see infiltration SuDS used in areas of contamination, even following remediation. Therefore, details of the proposed SuDS will

need to be provided in combination with the contamination investigation. The Environment Agency is likely to resist any drainage systems which infiltrate surface water to the ground at this location.

Flood Risk: The site is within flood zones 1, 2 and 3, and the Northfield Brook adjoins the site. We are very concerned that there is no mention of flood risk in the draft policy. Modelled flood extents currently cover a significant portion of the site, including the functional flood plain, flood zone 3b (FZ3b) which will need to be safeguarded from development

Fisheries and biodiversity: Whilst the section of the Northfield Brook adjoining this site is an ordinary watercourse, it runs directly into the main river section of the Northfield Brook and has a critical role in ecological connectivity. We would expect the development of this site to introduce appropriate ecological buffer zones and protective measures for the river and its corridor.

Policy AS4: Do you have any comments on the concept plan?

comments on the concept plan:

Policy AS5: Land at Bayswater Brook, Edge of Oxford - How far do you agree or disagree with the proposed draft policy wording?

Disagree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Water Quality: Oxford STW has an AMP7 U_IMP 5 driver which is due to be delivered by March 2025. This driver was allocated as an opportunity for Oxford STW to 'catch up' because the FFT and permitted DWF had become unaligned. The FFT is considered too small for the population it currently serves. The site should be upgraded based on the 3PG+Imax+3E formula.

The current operational FFT is believed to be 1047l/s. Thames had originally proposed an FFT of 1285 l/s, which the EA objected to. A response was sent to Thames Water in January 2022 outlining our concerns.

The deadline of March 2025 is a regulatory and legal deadline. I understand that the scheme will not be delivered by this date, which means the site is at risk of further non-compliance. The EA's approach to Thames Water's AMP 7 non deliveries has been to update and issue the permits by the regulatory deadline and measure compliance against the updated limits.

Oxford STW had a 'Temp' permit for its storm overflow. The remaining 'Temp' sites need to be converted into EPR permits by the end of AMP7 (March 2025). For sites with a U_IMP5 driver we had planned to use the agreed U_IMP5 FFT figure on the updated permit. As we have not agreed a FFT figure to meet the U_IMP5 driver, we are currently unable to agree a figure for the EPR permit. This issue needs to be resolved as a matter of urgency.

Infiltration is a significant issue at Oxford STW. Information provided by Thames Water as part of the original U_IMP review showed that Imax is 509l/s, I ave is 207 l/s and I dwf is 149l/s. This suggests that a relatively large proportion (up to half in very wet conditions) of FFT headroom is taken up by infiltration. This may lead to wastewater flow from within the catchment not being passed forward for treatment and the risk of prolonged storm overflows during periods of high infiltration. Oxford STW has a GISMP and actions need to be taken to reduce the impact of groundwater infiltration at this site.

A Compliance Assessment Report (CAR) form was issued to Thames Water in November 2021. This outlined a number of significant and serious breaches of the Environmental Permit. We expect the recommendations be carried out and evidence that the STW is working to come back into compliance.

Within the CAR form it is noted that one of the storm tanks has been repurposed as a balancing tank. As mentioned above, Oxford STW has a 'Temp' permit for the storm overflow, as a result it does not have a storm tank condition on it. However, using the 68l per head methodology for storm tank capacity, we believe the available storm tank capacity should be around 14,700m3 based on the 2022 population equivalent. The CAR form from 2021 suggest storm tank capacity is 6855m3, however it is unclear if this figure includes the storm tank now being used as a balancing tank. Either way, the available storm tank capacity is significantly below what would be required for the population served. Given some of the issues noted above, and in the CAR form, this lack of storm capacity presents a significant risk.

The pumping regime, in particular the flows rates from Littlemore Pumping Station are believed to be putting additional strain on Oxford STWs ability to treat incoming flows. The EA understands that during high flows Littlemore SPS pumps a minimum of 1200l/s into Oxford STW, but can typically pump up to 1400l/s. This leads to surges in flow coming into the STW meaning the works become overwhelmed. As mentioned above, the operational FFT at Oxford STW is 1047l/s, meaning Littlemore SPS may always be pumping more than Oxford STWs capacity into works. Littlemore SPS is not the only inlet flow to the works. Any additional flows into the STW from new development will lead to greater surges of flow, potential spills from CSOs within Oxford, potential for the STW to become overwhelmed, and the potentially for increased storm overflows.

Given the issues mentioned above, any additional flows discharging to Oxford STW present a significant environmental risk. Thames Water need to develop a plan to deliver the AMP7 obligations in a timely manner, show evidence of coming back into compliance, and plan appropriately into the future to meet the demands of growth outlined in this plan, but also other Local Plans that cover the Oxford STW catchment.

The Environment Agency has objected recently to a planning application consultation at this site on these grounds.

Groundwater and contaminated land: The site is underlain by secondary A aquifer. Much of the site is located upon a historic landfill and we are aware of a previous history of land contamination. Considering the previous land contamination history, there is a risk that infiltration SuDS could mobilize contamination and pollute controlled waters. We would not normally wish to see infiltration SuDS used in areas of contamination, even following remediation. Therefore, details of the proposed SuDS will need to be provided in combination with the contamination investigation. The Environment Agency is likely to resist any drainage systems which infiltrate surface water to the ground at this location.

Flood Risk: The site is within flood zones 1, 2 and 3, and the Bayswater Brook adjoins the south of the site. We welcome part 'g' of the policy. We advise that the impacts of climate change should also be considered as part of Flood zone 1 (FZ1) may be at higher flood risk during the lifetime of the development. Currently the site is only covered by JFLOW modelling, so detailed modelling may also be needed.

Fisheries and biodiversity: We consider that with appropriate design it is possible to create meaningful enhancement to the Bayswater Brook at this site. We expect any development proposals to show evidence of how this will be achieved.

Policy AS5: Do you have any comments on the concept plan?

comments on the concept plan:

Policy AS5: Do you have any comments on the proposal not to retain the Sandhills parcel as part of the Land North of Bayswater Brook site allocation in the Joint Local Plan?

Let us know in the box below:

Policy AS6: Rich's Sidings and Broadway, Didcot - How far do you agree or disagree with the proposed draft policy wording?

Disagree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Water Quality: There is a large amount of development earmarked within Didcot STWs catchment. Didcot STW is a site of concern for the Environment Agency. Didcot STW exceeded its DWF in 2020 and 2021. It did not in 2022, but this was a very dry year. Thames Water need to approach the EA to apply for a new DWF permit that cover growth up to an appropriate design horizon. Until a new permit is in place, we will not be able to support any growth within this STW catchment. Didcot STW discharges into the Moor Ditch and Ladygrove Ditch. The WFD Phosphate status deteriorated from Moderate to Poor for the 2022 classifications. A tighter phosphorous (P) permit will be required to reverse this deterioration and ensure the previous status is maintained Didcot STW will required a tighter P permit to meet the requirements of the Environment Act 2021. This limit should be tested against the growth scenario to ensure no deterioration from the status projected to be achieved one the Environment Act obligations are met. All the other WFD elements are at Good or High status. New development will not be deemed acceptable if it leads to a deterioration of any WFD status. Flow to Full Treatment (FFT) and storm tank size are currently too small for the population served, and Didcot STW is a fairly high spilling site, this is thought to be at least in part due to groundwater infiltration. Measures to reduce infiltration are required to prevent excessive storm overflows. When Thames Water apply for a new DWF they will be expected to increase their FFT and storm tank capacity to accommodate the population served. In summary, we believe Didcot STW is at or over capacity and currently has no more headroom for growth. Improvements are needed at the STW to accommodate the development proposed in the Local Plan

Groundwater and contaminated land: We are aware of a previous history of land contamination. Considering the previous land contamination history, there is a risk that infiltration SuDS could mobilize contamination and pollute controlled waters. We would not normally wish to see infiltration SuDS used in areas of contamination, even following remediation. Therefore, details of the proposed SuDS will need to be provided in combination with the contamination investigation. The Environment Agency is likely to resist any drainage systems which infiltrate surface water to the ground at this location.

Flood Risk: The site is within flood zone 1. Our maps show a culverted main river watercourse near the northern edge of the site.

Fisheries and biodiversity: We would expect the development plan for this site to include opportunities to de-culvert any watercourse running through this site and to provide appropriate ecological buffer zones.

Policy AS7: Didcot Gateway, Didcot - How far do you agree or disagree with the proposed draft policy wording?

Disagree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Water Quality: There is a large amount of development earmarked within Didcot STWs catchment. Didcot STW is a site of concern for the Environment Agency. Didcot STW exceeded its DWF in 2020 and 2021. It did not in 2022, but this was a very dry year. Thames Water need to approach the EA to apply for a new DWF permit that cover growth up to an appropriate design horizon. Until a new permit is in place, we will not be able to support any growth within this STW catchment. Didcot STW discharges into the Moor Ditch and Ladygrove Ditch. The WFD Phosphate status deteriorated from Moderate to Poor for the 2022 classifications. A tighter phosphorous (P) permit will be required to reverse this deterioration and ensure the previous status is maintained Didcot STW will required a tighter P permit to meet the requirements of the Environment Act 2021. This limit should be tested against the growth scenario to ensure no deterioration from the status projected to be achieved one the Environment Act obligations are met. All the other WFD elements are at Good or High status. New development will not be deemed acceptable if it leads to a deterioration of any WFD status. Flow to Full Treatment (FFT) and storm tank size are currently too small for the population served, and Didcot STW is a fairly high spilling site, this is thought to be at least in part due to groundwater infiltration. Measures to reduce infiltration are required to prevent excessive storm overflows. When Thames Water apply for a new DWF they will be expected to increase their FFT and storm tank capacity to accommodate the population served. In summary, we believe Didcot STW is at or over capacity and currently has no more headroom for growth. Improvements are needed at the STW to accommodate the development proposed in the Local Plan

Groundwater and contaminated land: We are aware of a previous history of land contamination. Considering the previous land contamination history, there is a risk that infiltration SuDS could mobilize contamination and pollute controlled waters. We would not normally wish to see infiltration SuDS used in areas of contamination, even following remediation. Therefore, details of the proposed SuDS will need to be provided in combination with the

contamination investigation. The Environment Agency is likely to resist any drainage systems which infiltrate surface water to the ground at this location.

Flood Risk: The site is within flood zone 1.

Policy AS8: North West of Grove, Grove - How far do you agree or disagree with the proposed draft policy wording?

Disagree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Water Quality: There is a large amount of development earmarked within Didcot STWs catchment. Didcot STW is a site of concern for the Environment Agency. Didcot STW exceeded its DWF in 2020 and 2021. It did not in 2022, but this was a very dry year. Thames Water need to approach the EA to apply for a new DWF permit that cover growth up to an appropriate design horizon. Until a new permit is in place, we will not be able to support any growth within this STW catchment. Didcot STW discharges into the Moor Ditch and Ladygrove Ditch. The WFD Phosphate status deteriorated from Moderate to Poor for the 2022 classifications. A tighter phosphorous (P) permit will be required to reverse this deterioration and ensure the previous status is maintained Didcot STW will required a tighter P permit to meet the requirements of the Environment Act 2021. This limit should be tested against the growth scenario to ensure no deterioration from the status projected to be achieved one the Environment Act obligations are met. All the other WFD elements are at Good or High status. New development will not be deemed acceptable if it leads to a deterioration of any WFD status. Flow to Full Treatment (FFT) and storm tank size are currently too small for the population served, and Didcot STW is a fairly high spilling site, this is thought to be at least in part due to groundwater infiltration. Measures to reduce infiltration are required to prevent excessive storm overflows. When Thames Water apply for a new DWF they will be expected to increase their FFT and storm tank capacity to accommodate the population served. In summary, we believe Didcot STW is at or over capacity and currently has no more headroom for growth. Improvements are needed at the STW to accommodate the development proposed in the Local Plan

Groundwater and contaminated land: The site is underlain by secondary A aquifer. Additionally, we are aware of a previous history of land contamination. Considering the previous land contamination history, there is a risk that infiltration SuDS could mobilize contamination and pollute controlled waters. We would not normally wish to see infiltration SuDS used in areas of contamination, even following remediation. Therefore, details of the proposed SuDS will need to be provided in combination with the contamination investigation. The Environment Agency is likely to resist any drainage systems which infiltrate surface water to the ground at this location.

Flood Risk: The site is within flood zone 1.

Policy AS8 - Do you have any comments on the concept plan?

Let us know in the box below:

Policy AS9: North West of Valley Park, Didcot - How far do you agree or disagree with the proposed draft policy wording?

Disagree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Water Quality: There is a large amount of development earmarked within Didcot STWs catchment. Didcot STW is a site of concern for the Environment Agency. Didcot STW exceeded its DWF in 2020 and 2021. It did not in 2022, but this was a very dry year. Thames Water need to approach the EA to apply for a new DWF permit that cover growth up to an appropriate design horizon. Until a new permit is in place, we will not be able to support any growth within this STW catchment. Didcot STW discharges into the Moor Ditch and Ladygrove Ditch. The WFD Phosphate status deteriorated from Moderate to Poor for the 2022 classifications. A tighter phosphorous (P) permit will be required to reverse this deterioration and ensure the previous status is maintained Didcot STW will required a tighter P permit to meet the requirements of the Environment Act 2021. This limit should be tested against the growth scenario to ensure no deterioration from the status projected to be achieved one the Environment Act obligations are met. All the other WFD elements are at Good or High status. New development will not be deemed acceptable if it leads to a deterioration of any WFD status. Flow to Full Treatment (FFT) and storm tank size are currently too small for the population served, and Didcot STW is a fairly high spilling site, this is thought to be at least in part due to groundwater infiltration. Measures to reduce infiltration are required to prevent excessive storm overflows. When Thames Water apply for a new DWF they will be expected to increase their FFT and storm tank capacity to accommodate the population served. In summary, we believe Didcot STW is at or over capacity and currently has no more headroom for growth. Improvements are needed at the STW to accommodate the development proposed in the Local Plan

Flood Risk: The site is within flood zones 1, 2 and 3. We welcome part 'm' of the policy. We advise that the impacts of climate change should also be considered as part of Flood zone 1 (FZ1) may be at higher flood risk during the lifetime of the development.

Policy AS9: Do you have any comments on the concept plan?

comments on the concept plan:

Policy AS10: Land at Dalton Barracks Garden Village, Shippon - How far do you agree or disagree with the proposed draft policy wording?

Disagree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Water Quality: It is unclear whether development in this location will be served by Appleton STW or Abingdon STW. A Water Cycle Study or Water Quality Assessment would be helpful to understand how and where the wastewater flows will be managed.

If it is intended that foul drainage flows are going to Abingdon STW: we believe that Abingdon STW is close to using the capacity within its DWF permit. If foul drainage flows from proposed allocations AS10 & AS14 both go to Abingdon STW, it is likely that Thames Water will need to apply for a new permit. Application for the permits should occur well in advance of development occurring. Currently Abingdon STW has sufficient Flow to Full Treatment (FFT) headroom and storm tank capacity. When a new DWF permit is applied for, the FFT and storm tank size will need to be upgraded to an appropriate design horizon. Abingdon is currently a low spilling site, and an increase in storm overflows due to development would be seen as unacceptable.
If the flows from these developments are going to Appleton STW. Appleton STW has an AMP7 to increase FFT, however the Environment Agency understands this scheme has been delayed. No additional flows should connect to Appleton STW until the AMP7 scheme is completed. Appleton has a temporary deemed consent storm permit. This will be resolved and converted into an EPR permit on completion of the AMP7 scheme. Appleton STW is a frequent spilling site and has been part of the Storm Overflow Assessment Framework (SOAF) to identify causes for the frequent spilling, environmental impact and propose solutions to reduce storm overflows. The SOAF report from 2023 highlighted that the frequent storming issues at Appleton may be caused by operational issues. Any operational issues that are leading to unpermitted overflows must be resolved before new developments connect to the network. The AMP 7 FFT scheme will likely go someway to resolving this, which adds to the importance of it being completed in a timely manner.
The EA believe that Appleton STW may also be close to, or already exceeding its DWF permit. An assessment is required to determine the remaining capacity at the STW. If the flows from policy AS10 & AS14 both go to Appleton STW, it is likely that Thames Water will need to apply for a new permit. Application for the permits should occur well in advance of development occurring. When a new DWF permit is applied for, the FFT and storm tank size will need to be upgraded to an appropriate design horizon.

Groundwater and contaminated land: The site is underlain by secondary aquifer A. Additionally, we are aware of a previous history of land contamination. Considering the previous land contamination history, there is a risk that infiltration SuDS could mobilize contamination and pollute controlled waters. We would not normally wish to see infiltration SuDS used in areas of contamination, even following remediation. Therefore, details of the proposed SuDS will need to be provided in combination with the contamination investigation. The Environment Agency is likely to resist any drainage systems which infiltrate surface water to the ground at this location.

Flood Risk: There are areas of flood zones 1, 2 and 3 at the site, and the Sandford Brook is adjacent to the site. The Environment Agency is concerned that there is no mention of flood risk or climate change in the policy. We welcome part o) which states a 10m wildlife buffer between the Sandford Brook at the development. The sketch map indicates that development will be located to the east of the brook. We note that the associated SPD has sections on flooding and drainage. Please be aware that there is no detailed modelling in the area, so a fluvial flood model may be needed.

Fisheries and biodiversity: We are pleased to see that this policy includes ‘at least a 10 metre wildlife buffer between the Sandford Brook and the development’ but would like this to be expanded to include protection for all the watercourses, within and on the boundary of the site, and their corridors from the substantial increase in disturbance from people and dogs which will inevitably be associated with such a large development. We would also highlight that any infrastructure such as footpaths, cycle paths, lighting and recreational facilities should be sited outside of the ecological buffer zone.

Policy AS10: Do you have any comments on the concept plan?

comments on the concept plan:

Currently allocated sites proposed not to be retained in the Joint Local Plan: Land at Chalgrove Airfield - Do you have any comments on the proposal to not retain this site allocation in the Joint Local Plan?

Let us know in the box below:

Currently allocated sites proposed not to be retained in the Joint Local Plan: Land at Nettlebed, two sites - West of Priests Close and Land South of Nettlebed Service Station - Do you have any comments on the proposal to not retain these site allocations in the Joint Local Plan?

Land at Nettlebed:

Policy AS11: Culham Science Centre - How far do you agree or disagree with the proposed draft policy wording?

Disagree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Water Quality: The Environment Agency presumes that the intention will be for this site to discharge to Culham STW. The DWF permit at Culham has quite a bit of capacity (relative to its size), but the development highlighted in this plan discharging to Culham STW is quite large compared to the size of the STW (especially considering potential allocations AS2, AS11 & AS13). We would expect to see an headroom capacity assessment to include this development, and any others going to Culham STW to ensure that the DWF permit is not exceeded, and give Thames Water adequate time to plan accordingly and ensure any new permits are in place in advance of flow exceeding their permitted limits. Culham STW had a 'Temporary Deemed Consent' for its storm overflow. This needs to be converted into an EPR permit by the end of AMP7 (March 2025) without exception. Currently there is no Flow to Full Treatment (FFT) or storm tank size on the permit so it is not possible assess if these are adequately sized. Based on standard methodologies, FFT should be around 100l/s and storm tank capacity should be around 285m3. If these are not being met, there is a risk that additional development may lead to increased instances of storm overflows and impact of the receiving environment. Culham is a relatively low spilling site, and we would not want new development to change that.

Groundwater and contaminated land: The site is underlain by secondary aquifer A and we are aware of a previous history of land contamination. Considering the previous land contamination history, there is a risk that infiltration SuDS could mobilize contamination and pollute controlled waters. We would not normally wish to see infiltration SuDS used in areas of contamination, even following remediation. Therefore, details of the proposed SuDS will need to be provided in combination with the contamination investigation. The Environment Agency is likely to resist any drainage systems which infiltrate surface water to the ground at this location.

Policy AS12: Harwell Campus - How far do you agree or disagree with the proposed draft policy wording?

Disagree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Water Quality: A large amount of development is earmarked within Didcot STWs catchment. Didcot STW is a site of concern for the Environment Agency. Didcot STW exceeded its DWF in 2020 and 2021. It did not in 2022, but this was a very dry year. Thames Water need to approach the EA to apply for a new DWF permit that covers growth up to an appropriate design horizon. Until a new permit is in place, we will not be able to support any growth within this STW catchment. Didcot STW discharges into the Moor Ditch and Ladygrove Ditch. The WFD Phosphate status deteriorated from Moderate to Poor for the 2022 classifications. A tighter phosphorous (P) permit will be required to reverse this deterioration and ensure the previous status is maintained. Didcot STW will require a tighter P permit to meet the requirements of the Environment Act 2021. This limit should be tested against the growth scenario to ensure no deterioration from the status projected to be achieved one the Environment Act obligations are met. All the other WFD elements are at Good or High status. New development will not be deemed acceptable if it leads to a deterioration of any WFD status. Flow to Full Treatment (FFT) and storm tank size are currently too small for the population served, and Didcot STW is a fairly high spilling site, this is thought to be at least in part due to groundwater infiltration. Measures to reduce infiltration are required to prevent excessive storm overflows. When Thames Water apply for a new DWF they will be expected to increase their FFT and storm tank capacity to accommodate the population served. In summary, we believe Didcot STW is at or over capacity and currently has no more headroom for growth. Improvements are needed at the STW to accommodate the development proposed in the Local Plan

Flood Risk: The site is in flood zone 1

Groundwater and contaminated land: The site is underlain by principal and/or secondary aquifer. This is an area where groundwater is vulnerable, and the Environment Agency would be concerned about certain activities, such as infiltration drainage; anything which will disturb groundwater flow; anything which may mean a loss of aquifer storage; and anything where pollutants may be used, stored or transported. Additionally, much of the site is located upon a historic landfill, and we are aware of a previous history of land contamination. Considering the previous land contamination history, there is a risk that infiltration SuDS could mobilize contamination and pollute controlled waters. We would not normally wish to see infiltration SuDS used in areas of contamination, even following remediation. Therefore, details of the proposed SuDS will need to be provided in combination with the contamination investigation. The Environment Agency is likely to resist any drainage systems which infiltrate surface water to the ground at this location.

Policy AS13: Berinsfield Garden Village - Which option do you prefer?

Option A

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

It should also be clear that other policies within the plan will also apply to allocated sites - for example the requirements of the plan policy on flood risk (currently CE6) will also apply to any allocations. Altbough we acknowledge that draft policy LS1 includes a list at current section g setting out various technical studies and supporting documents which may also be required alongside any large scale major developments.

Policy AS13 - How far do you agree or disagree with the proposed draft policy wording?

Disagree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Water Quality: The Environment Agency presumes that the intention will be for this site to discharge to Culham STW. The DWF permit at Culham has quite a bit of capacity (relative to its size), but the development highlighted in this plan discharging to Culham STW is quite large compared to the size of the STW (especially considering potential allocations AS2, AS11 & AS13). We would expect to see an headroom capacity assessment to include this development, and any others going to Culham STW to ensure that the DWF permit is not exceeded, and give Thames Water adequate time to plan accordingly and ensure any new permits are in place in advance of flow exceeding their permitted limits. Culham STW had a 'Temporary Deemed Consent' for its storm overflow. This needs to be converted into an EPR permit by the end of AMP7 (March 2025) without exception. Currently there is no Flow to Full Treatment (FFT) or storm tank size on the permit so it is not possible assess if these are adequately sized. Based on standard methodologies, FFT should be around 100l/s and storm tank capacity should be around 285m3. If these are not being met, there is a risk that additional development may lead to increased instances of storm overflows and impact of the receiving environment. Culham is a relatively low spilling site, and we would not want new development to change that.

Groundwater and contaminated land: The site is underlain by principal and/or secondary aquifer A. Additionally, much of the site is located upon a historic landfill, and we are aware of a previous history of land contamination. Considering the previous land contamination history, there is a risk that infiltration SuDS could mobilize contamination and pollute controlled waters. We would not normally wish to see infiltration SuDS used in areas of contamination, even following remediation. Therefore, details of the proposed SuDS will need to be provided in combination with the contamination investigation. The Environment Agency is likely to resist any drainage systems which infiltrate surface water to the ground at this location.

Flood Risk: There are areas of flood zones 1, 2 and 3 at the site. There is no detailed flood risk modelling available (only JFLOW) so likely you will need to undertake modelling to better understand flood risk in this area. The Environment Agency is very concerned that there is no mention of flood risk in the policy.

Policy AS14: Dalton Barracks Garden Village - Which option do you prefer?

Option A

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy AS14 - How far do you agree or disagree with the proposed draft policy wording?

Disagree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Water Quality: It is unclear whether development in this location will be served by Appleton STW or Abingdon STW. A Water Cycle Study or Water Quality Assessment would be helpful to understand how and where the wastewater flows will be managed.
If it is intended that foul drainage flows are going to Abingdon STW: we believe that Abingdon STW is close to using the capacity within its DWF permit. If foul drainage flows from proposed allocations AS10 & AS14 both go to Abingdon STW, it is likely that Thames Water will need to apply for a new permit. Application for the permits should occur well in advance of development occurring. Currently Abingdon STW has sufficient Flow to Full Treatment (FFT) headroom and storm tank capacity. When a new DWF permit is applied for, the FFT and storm tank size will need to be upgraded to an appropriate design horizon. Abingdon is currently a low spilling site, and an increase in storm overflows due to development would be seen as unacceptable.
If the flows from these developments are going to Appleton STW. Appleton STW has an AMP7 to increase FFT, however the Environment Agency understands this scheme has been delayed. No additional flows should connect to Appleton STW until the AMP7 scheme is completed. Appleton has a temporary deemed consent storm permit. This will be resolved and converted into an EPR permit on completion of the AMP7 scheme. Appleton STW is a frequent spilling site and has been part of the Storm Overflow Assessment Framework (SOAF) to identify causes for the frequent spilling, environmental impact and propose solutions to reduce storm overflows. The SOAF report from 2023 highlighted that the frequent storming issues at Appleton may be caused by operational issues. Any operational issues that are leading to unpermitted overflows must be resolved before new developments connect to the network. The AMP 7 FFT scheme will likely go someway to resolving this, which adds to the importance of it being completed in a timely manner.
The EA believe that Appleton STW may also be close to, or already exceeding its DWF permit. An assessment is required to determine the remaining capacity at the STW. If the flows from policy AS10 & AS14 both go to Appleton STW, it is likely that Thames Water will need to apply for a new permit. Application for the permits should occur well in advance of development occurring. When a new DWF permit is applied for, the FFT and storm tank size will need to be upgraded to an appropriate design horizon.

Groundwater and contaminated land: The site is underlain by secondary aquifer A. Additionally, we are aware of a previous history of land contamination. Considering the previous land contamination history, there is a risk that infiltration SuDS could mobilize contamination and pollute controlled waters. We would not normally wish to see infiltration SuDS used in areas of contamination, even following remediation. Therefore, details of the proposed SuDS will need to be provided in combination with the contamination investigation. The Environment Agency is likely to resist any drainage systems which infiltrate surface water to the ground at this location.

Flood Risk: There are areas of flood zones 1, 2 and 3 at the site, and the Sandford Brook is adjacent to the site. The Environment Agency is concerned that there is no mention of flood risk in the policy. We note that the associated SPD has sections on flooding and drainage. Please be aware that there is no detailed modelling in the area, so a fluvial flood model may be needed. We welcome the preferred option A that links to the SPD.

Fisheries and biodiversity: We agree with policy option A. We are pleased to see that this policy includes ‘at least a 10 metre wildlife buffer between the Sandford Brook and the development’ but would like this to be expanded to include protection for all the watercourses, within and on the boundary of the site, and their corridors from the substantial increase in disturbance from people and dogs which will inevitably be associated with such a large development. We would also highlight that any infrastructure such as footpaths, cycle paths, lighting and recreational facilities should be sited outside of the ecological buffer zone.

Policy AS15: Harcourt Hill Campus - Which option do you prefer?

Option A

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Water Quality: On the understanding that development at this location will go to Oxford STW, our comments are as follows: Oxford STW has an AMP7 U_IMP 5 driver which is due to be delivered by March 2025. This driver was allocated as an opportunity for Oxford STW to ‘catch up’ because the FFT and permitted DWF had become unaligned. The FFT is considered too small for the population it currently serves. The site should be upgraded based on the 3PG+Imax+3E formula.

The current operational FFT is believed to be 1047l/s. Thames had originally proposed an FFT of 1285 l/s, which the EA objected to. A response was sent to Thames Water in January 2022 outlining our concerns.

The deadline of March 2025 is a regulatory and legal deadline. I understand that the scheme will not be delivered by this date, which means the site is at risk of further non-compliance. The EA’s approach to Thames Water’s AMP 7 non deliveries has been to update and issue the permits by the regulatory deadline and measure compliance against the updated limits.

Oxford STW had a ‘Temp’ permit for its storm overflow. The remaining ‘Temp’ sites need to be converted into EPR permits by the end of AMP7 (March 2025). For sites with a U_IMP5 driver we had planned to use the agreed U_IMP5 FFT figure on the updated permit. As we have not agreed a FFT figure to meet the U_IMP5 driver, we are currently unable to agree a figure for the EPR permit. This issue needs to be resolved as a matter of urgency.

Infiltration is a significant issue at Oxford STW. Information provided by Thames Water as part of the original U_IMP review showed that Imax is 509l/s, I ave is 207 l/s and I dwf is 149l/s. This suggests that a relatively large proportion (up to half in very wet conditions) of FFT headroom is taken up by infiltration. This may lead to wastewater flow from within the catchment not being passed forward for treatment and the risk of prolonged storm overflows during periods of high infiltration. Oxford STW has a GISMP and actions need to be taken to reduce the impact of groundwater infiltration at this site.

A Compliance Assessment Report (CAR) form was issued to Thames Water in November 2021. This outlined a number of significant and serious breaches of the Environmental Permit. We expect the recommendations be carried out and evidence that the STW is working to come back into compliance.

Within the CAR form it is noted that one of the storm tanks has been repurposed as a balancing tank. As mentioned above, Oxford STW has a 'Temp' permit for the storm overflow, as a result it does not have a storm tank condition on it. However, using the 68l per head methodology for storm tank capacity, we believe the available storm tank capacity should be around 14,700m3 based on the 2022 population equivalent. The CAR form from 2021 suggest storm tank capacity is 6855m3, however it is unclear if this figure includes the storm tank now being used as a balancing tank. Either way, the available storm tank capacity is significantly below what would be required for the population served. Given some of the issues noted above, and in the CAR form, this lack of storm capacity presents a significant risk.

The pumping regime, in particular the flows rates from Littlemore Pumping Station are believed to be putting additional strain on Oxford STWs ability to treat incoming flows. The EA understands that during high flows Littlemore SPS pumps a minimum of 1200l/s into Oxford STW, but can typically pump up to 1400l/s. This leads to surges in flow coming into the STW meaning the works become overwhelmed. As mentioned above, the operational FFT at Oxford STW is 1047l/s, meaning Littlemore SPS may always be pumping more than Oxford STWs capacity into works. Littlemore SPS is not the only inlet flow to the works. Any additional flows into the STW from new development will lead to greater surges of flow, potential spills from CSOs within Oxford, potential for the STW to become overwhelmed, and the potentially for increased storm overflows.

Given the issues mentioned above, any additional flows discharging to Oxford STW present a significant environmental risk. Thames Water need to develop a plan to deliver the AMP7 obligations in a timely manner, show evidence of coming back into compliance, and plan appropriately into the future to meet the demands of growth outlined in this plan, but also other Local Plans that cover the Oxford STW catchment.

The site is in flood zone 1, and is underlain by secondary A aquifer. This is an area where groundwater is vulnerable, and the Environment Agency would be concerned about certain activities, such as infiltration drainage; anything which will disturb groundwater flow; anything which may mean a loss of aquifer storage; and anything where pollutants may be used, stored or transported.

Policy AS15 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Our main concerns relate to treatment of foul sewage from any development at this location, and those concerns are set out in the box above.

Policy AS16: Land at Crowmarsh Gifford, Benson Lane - Site of former district council offices - Which option do you prefer?

Not Answered

Policy AS16: Land at Crowmarsh Gifford, Benson Lane - Site of former district council offices - Do you have any suggestions on the use(s) of this site or any other comments on this site?

Let us know in the box below:

Water Quality: This site would likely discharge to Benson STW. Benson STW has a AMP7 Flow to Full Treatment (FFT) scheme which we believe has been delayed. No additional flows should be connected to the network until this scheme has been completed. Benson STW has sufficient storm tanks for the population served, but this capacity will be eroded by growth if they are not updated in line with development. Given the lack of information on the intended use for this site, it is difficult to assess the impact on it on the STW and receiving waterbody, however the Environment Agency believes that Benson STW is approaching it's DWF capacity and may need to apply for a new permit in the future.

Flood Risk: Over half of the site is in FZ2 and in 1 in 100 +70%cc, therefore options A and D may be more appropriate than options B and C, as B and C are for 'more vulnerable' development. Any development here would need to pass the Sequential Test, and options B and C would also need to pass the Exception Test. As a significant amount of the site is in the floodplain, the amount of built development that can be acheived on this site would be limited due to the PPG requriement for level for level compensation. We note that there is no draft policy at this stage.

Groundwater and contaminated land: The site is underlain by secondary aquifer A. This is an area where groundwater is vulnerable, and the Environment Agency would be concerned about certain activities, such as infiltration drainage; anything which will disturb groundwater flow; anything which may mean a loss of aquifer storage; and anything where pollutants may be used, stored or transported.

Chapter 10. Well-designed places for our communities

Policy DE1: High quality design - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy DE1 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy DE2: Local character and identity - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy DE2 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy DE3: Delivering well-designed new development - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy DE3 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy DE4: Optimising densities - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy DE4 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy DE5: Neighbouring amenity - Which option do you prefer?

Option A

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy DE5 - How far do you agree or disagree with the proposed draft policy wording?

Agree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy DE6: Outdoor amenity space - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy DE6 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy DE7: Waste collection and recycling - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy DE7 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Chapter 11. Healthy places

Policy HP1: Healthy place shaping - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HP1 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HP2: Community facilities and services - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HP2 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HP3: Health care provision - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HP3 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HP4: Existing open space, sport and recreation facilities - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HP4 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HP5: New facilities for sport, physical activity and recreation - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HP5 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HP6: Green infrastructure on new developments - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HP6 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HP7: Open space on new developments - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HP7 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HP8: Provision for children's play and spaces for young people - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HP8 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HP9: Allotments and community food growing - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HP9 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy HP10: Watercourses - Which option do you prefer?

Option A

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy HP10 - How far do you agree or disagree with the proposed draft policy wording?

Agree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

We welcome points 3 and 6 on the avoidance and removal of culverting, and point 2 for a 10m buffer zone along both sides of a watercourse. A buffer zone of this width is also likely to be sufficient to allow access for maintenance of rivers. We suggest that point 2 may be strengthened by adding this wording:
2) Development should include a minimum 10m buffer zone (measured from top of bank) along both sides of the watercourse
Point 3 could be strengthened by changing "should" to "will be expected to", and we would support any such measure which prevents culverting of watercourses:
3) Proposals will be expected to avoid the culverting of any watercourse. Opportunities taken to remove culverts will be supported

Chapter 12. Nature recovery, heritage and landscape

Policy NH1: Nature recovery - Which option do you prefer?

Option A

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy NH1 - How far do you agree or disagree with the proposed draft policy wording?

Disagree

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Biodiversity net gain

4) Development** in South Oxfordshire and Vale of White Horse must deliver at least 11-25% biodiversity net gain (whatever is the maximum assessed as deliverable through the Joint Local Plan Viability Assessment) measured using the latest DEFRA Biodiversity Metric.

We request that the following is added to this paragraph to underline that BNG and appropriate assessment is included for all habitat types including watercourses:

Biodiversity net gain will be required for all habitat types including watercourses within 10m of the red line boundary and measured with the appropriate survey technique as outlined in the DEFRA Biodiversity Metric guidance.

Policy NH2: Biodiversity designations - Which option do you prefer?

Option A

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy NH2 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy NH3: Trees and hedgerows in the landscape - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy NH3 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy NH4: Chilterns and North Wessex Downs National Landscapes (formely AONBs) - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy NH4 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy NH5: Landscape - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy NH5 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy NH6: Valued landscapes - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy NH6 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy NH7: Tranquillity and tranquil areas - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy NH7 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy NH8: The historic environment - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy NH8 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy NH9: Listed Buildings - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy NH9 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy NH10: Conservation Areas - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy NH10 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy NH11: Archaeology and Scheduled Monuments - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy NH11 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy NH12: Historic Battlefields, Registered Parks and Gardens and Historic Landscapes - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy NH12 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Policy NH13: Historic environment and climate change - Which option do you prefer?

Not Answered

You can use this space to tell us why or add any comments or ideas you have for an alternative option::

Policy NH13 - How far do you agree or disagree with the proposed draft policy wording?

Not Answered

You can use this space to tell us why or add any comments you have on the proposed draft policy::

Our supporting documents

Which of our supporting document(s) would you like to comment on? Please tick all that apply.

Sustainability Appraisal (SA), Other (please specify in your comments)

Please provide your comments below.

You can use this space to provide any comments you have on the supporting documents:

Sustainability Appraisal. We note that you acknowledge the presence of source protection zones across both districts, and state that none of the proposed allocations fall within these zones. Some of the proposed allocations are underlain by principal and secondary aquifers. These areas are vulnerable, particularly where any previous uses may have caused contamination (we are aware that some areas where development is proposed via this plan are located upon historic landfill, and there is a previous history of land contamination). Within these areas, there is a risk that any proposed infiltration Sustainable Drainage Systems (SuDS) could mobilize contamination and pollute controlled waters. The Environment Agency would not normally wish to see infiltration SuDS used in areas of contamination, even following remediation.

Water Cycle Study/Water Quality Assessment - we note that there is currently no Water Cycle Study (WCS)/Water Quality Assessment supporting this plan, and we note statements in both the plan and the SA that a WCS will be commissioned and produced before the Reg 19 plan. The Environment Agency considers that up to date, robust, background evidence on Water Quality, such as a Water Cycle Study, is vital in this area. Without a WCS, we think that there is a significant risk that the plan may not be sound.

Strategic Flood Risk Assessment - we note that there is currently no Strategic Flood Risk Assessment (SFRA) supporting this plan, and we note statements in both the plan and the SA that a SFRA will be commissioned and produced before the Reg 19 plan. The Environment Agency considers that up to date, robust, background evidence on flood risk is vital in this area. Without a SFRA, we think that there is a significant risk that the plan may not be sound.

Date: 26 February 2024
Our ref: 463310
Your ref: South Oxfordshire & Vale of the White Horse Joint Local Plan 2041

jointheconversation@southandvale.gov.uk

BY EMAIL ONLY

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Dear Sir or Madam,

Planning consultation: South Oxfordshire & Vale of the White Horse Joint Local Plan 2041 –Draft Regulation 18 Consultation

Thank you for your consultation on the above dated 10 January 2023 which was received by Natural England on the same day.

Natural England is a non-departmental public body. Our statutory purpose is to ensure that the natural environment is conserved, enhanced and managed for the benefit of present and future generations, thereby contributing to sustainable development.

We have reviewed the draft local plan and accompanying appendices. A summary of our advice is provided below. Please note that we have not provided comments on all policies but those which have most influence on environmental issues.

Policy NH1- Nature Recovery

Natural England welcome reference to the Local Nature Recovery Strategy and we look forward to reviewing how the emerging LNRS for Oxfordshire is reflected in Policy NH1 so as to clearly identify areas for the protection, restoration and enhancement of nature across the district.

In addition to those areas identified in the emerging LNRS, Conservation Target Areas and local ecological networks identified in Neighbourhood Development Plans, we advise that the ecological network identified in policy NH1 also include Designated Sites, Irreplaceable and Priority Habitats, Ancient and Veteran Trees and Hedgerows and Local Wildlife Sites.

We suggest reference is made to wider ecological networks. Ecological networks are coherent systems of natural habitats organised across whole landscapes so as to maintain ecological functions. A key principle is to maintain connectivity to enable free movement and dispersal of wildlife e.g. badger routes, river corridors for the migration of fish and staging posts for migratory birds. Local ecological networks will form a key part of the wider Nature Recovery Network proposed in the 25 Year Environment Plan. Where development is proposed, opportunities should be explored to contribute to the enhancement of ecological networks.

We strongly encourage the approach and look forward to reviewing the findings of the Biodiversity Net Gain viability assessment which is currently being undertaken regarding the proposed policy to increase BNG above the mandatory 10% to between 11-25%.

We recommend that you identify where in the ecological network BNG might be delivered in situations where on site delivery is not possible. This should reflect local priorities for the creation/enhancement of certain habitat types and should also reflect the LNRS. For example, the creation of lowland grassland may be a priority for the district or the creation of habitat supporting specific species of importance in the area.

Policy NH2- Biodiversity Designations

We welcome the inclusion of Policy NH2 to give the highest level of protection to all relevant SSSIs, European sites (Special Areas of Conservation and Special Protect Areas) and Ramsar sites. In addition to Ancient Woodland and Veteran Trees, we encourage you to identify and include other Irreplaceable Habitats and Priority Habitats within the Policy NH2 in order to provide them with the highest level of protection, such as Chalk Grasslands and Alkaline Fen habitats for example.

NH4- Chilterns and North Wessex Downs National Landscapes (formerly AONB's).

We welcome the inclusion of Policy NH4 to give great weight to conserving and enhancing the landscape and scenic beauty of the Chilterns and North Wessex Downs National Landscapes. We look forward to reviewing the Landscape Character Assessment, Tranquillity Assessment and Renewable Energy Sensitivity Assessment at the next stage of consultation..

HP6- Green Infrastructure on New Developments & Policy HP7 Open Space on New Developments

We appreciate that addressing the climate crisis has been a key consideration in the drafting of the Joint Local Plan 2041 forming a golden thread throughout the document, and particularly the requirement for green infrastructure and nature recovery across a spectrum of policies to address climate change mitigation and adaptation, and create attractive, healthy places to live.

Natural England understand that updates to the GI Strategy and Open Spaces Study are currently being undertaken and we look forward to reviewing these documents in due course. We welcome the commitment to reflect the NE Green Infrastructure framework and standards in to policy, and continue to be available to advise further on the development of GI related policies as this evidence becomes available.

Natural England has produced the 'Green Infrastructure Framework Principles and Standards for England' as part of the Government's 25 Year Environment Plan to deliver more and better quality green and blue infrastructure (GI) to enhance towns and cities, and create attractive, healthy and investable places. The GI Framework will help local planning authorities meet requirements in the National Planning Policy Framework to consider GI in local plans and in new developments and can be utilised when updating local plans and formulating policy. The GI Framework and Standards, and associated mapping, are available here: Green Infrastructure Home (naturalengland.org.uk) The Natural England Green Infrastructure Framework and Standards are not mandatory but are intended to define what good green and blue infrastructure looks like. We would recommend that, as a minimum, local plans (or strategies with sufficient planning weight) set out policies to reflect the 5 headline Green Infrastructure Standards, summarised as:

1) Green Infrastructure Strategy Standard - Local Authorities produce a GI Strategy and Delivery Plan, and major developments provide a Green Infrastructure Plan including accounting for long-term management and maintenance of GI features.
2) Accessible Greenspace Standards – everyone has access to good quality greenspace close to home with a focus on access to greenspace within 15 minutes walk, local authorities have at least 3ha per 1000 population of publicly accessible quality greenspace, and set standards for provision on major developments.
3) Urban Nature Recovery Standard – Local Authorities increase the number and quality of Local Nature Reserves and Local Wildlife Sites, and major developments show how they contribute to nature recovery.

4) Urban Greening Factor – Local Authorities target at least 40% average green cover in urban residential neighbourhoods where they don't already meet that standard, and utilise the National Urban Greening Factor for major developments.
5) Urban Tree Canopy Cover – Tree Canopy Cover is increased by an agreed % with major developments designed to meet these targets, and new and existing trees incorporated into new developments.

Given the predominantly rural nature of the districts it could be appropriate to have differing requirements for rural areas, towns, and significant new development locations. We recommend the council considers if there is scope to enhance policy or associated documents to be more in line with the targets proposed in the Standards and provide greater clarity around expectations for GI provision. This could include for example the use of 'Building with Nature' standards (Building with Nature) and utilising the Urban Greening Factor (UGF) particularly on brownfield, employment and higher density development sites. We understand the evidence gathering for the SOVWH GI Strategy is considering the use of the UGF and recommend this is considered in conjunction with the potential to increase BNG requirements, to ascertain if UGF would provide greater benefits on sites with low levels of baseline biodiversity value, and retain and enhance green features on site. The Natural England Green Infrastructure Planning and Design Guide 2023 is also a useful resource to provide practical, evidence-based advice on how to plan, design, deliver and manage good quality green infrastructure that helps to create beautiful nature-rich places that support people's health and wellbeing, make places more resilient to climate change, and create attractive investable places that are good for the economy.

Other tools to aid decision making, such as the Environmental Benefits from Nature Tool, can also be utilised to inform discussions, decision making and maximise potential benefits of people, place and planet.

South Oxfordshire and Vale of White Horse District Councils may wish to consider a greater use of Local Green Space designations. Some local authorities are using this designation in their local plans to provide additional protections to green spaces which are key components of their Green Infrastructure Network.

Policy CE12- Soils and Contaminated Land

We advise the Local Plan should include a policy for the protection of Best and Most Versatile (BMV) agricultural land. Avoiding loss of BMV land is a priority as mitigation will not be possible on many development sites. Areas of poorer quality land (ALC grades 3b, 4, 5) should be preferred to areas of higher quality land (grades 1, 2 and 3a). This should be set out as policy and in land allocations and be informed by an up-to-date evidence base. The plan should recognise that development has an irreversible adverse impact on the finite national stock of BMV land. Any development on BMV should have a soil handling plan and sustainable soil management strategy based on detailed soils surveys.

The Local Plan should also include a policy for the protection and sustainable management of soils so that soil disturbance is minimised and to retain as many ecosystem services as possible through careful soil management during the construction process and appropriate soil re-use. It should be recognised that development (soil sealing) has a major and usually irreversible adverse impact on soils. Any soils of high environmental value (e.g., wetland and carbon stores such as peatland, low nutrient soils; or soils of high environmental value in the local context) should be considered for their role in ecological connectivity. Soil protection and sustainable management relates to other policy areas such as renewable energy, climate change, green infrastructure and biodiversity net gain, flood schemes, managed realignment, development design and landscaping.

Policy CE5- Renewable Energy

We welcome the inclusion of a policy which will identify areas which are potentially suitable for wind

and solar energy proposals and we look forward to reviewing the policies map at the next stage of consultation when those areas will have been identified.

Natural England signpost Renewable and low carbon energy Planning Policy Guidance (PPG) which sets out guidance on identifying sites for low carbon energy generation.

The Local Plan should also recognise the opportunities and role nature plays in providing key services for climate change adaption such as cooling, shading, clean air and water, as well as building in resilience and accommodating changes in the natural environment by restoring natural processes. This may include greater emphasis on nature-based solutions such as peatland restoration and woodland creation. Nature-based solutions can help communities become more resilient to climate change, whilst enhancing nature and biodiversity. Therefore, Natural England strongly recommends that the objectives reflect the protection and enhancement of peatlands.

Natural England utilises the England Peat Status Greenhouse Gas and Carbon (GHG and C) to identify areas of peat. Peatlands are England's largest terrestrial carbon store, containing hundreds or even thousands of tonnes of carbon per hectare. Their importance for climate change mitigation has been reviewed in detail by Natural England in Gregg et al, 2021: see Carbon Storage and Sequestration by Habitat 2021 - NERR094. Excavating and draining peat leads to high emissions of greenhouse gases. Degraded state of peatlands has made them the largest source of emissions of greenhouse gases to the atmosphere from land use in the UK, exceeding carbon uptake in forests. More information can be found within the Implementation of an Emissions Inventory for UK Peatlands.

We note that the Government has committed to 'restore at least 35,000 ha of peatlands in England by 2025' as part of its 2021 Net Zero strategy, and both the Climate Change Committee (the Government's statutory advisor on climate change) and the Government-commissioned Skidmore Review of Net Zero have highlighted the importance of peatland restoration as part of the UK's approach to achieving Net Zero. Where a peat survey is needed, we recommend the following methodology Field Protocol_v2_clean.pdf (iucn-uk-peatlandprogramme.org).

Policy CE6- Flood Risk and Drainage

We welcome the inclusion of a policy relating to flood risk and drainage which will identify areas where there is a high risk of ground/surface water flooding and we look forward to reviewing the new joint local plan Strategic Flood Risk Assessment when it becomes available at the next stage of consultation.

Policy CE8- Water Quality and Wastewater Infrastructure

We look forward to reviewing the Water Cycle Study at the next stage of consultation which will identify opportunities and impacts across the district in related to the water environment.

We would expect further consideration of water sensitive designated sites such as the River Lambourn Special Area of Conservation, Cothill Fen SAC, wetland based habitats including peatlands and nature based solutions.

Our water remit focusses on ensuring that habitats and designated sites are protected from water-related development impacts, which may also extend beyond an development's boundary (including peat based habitats).

Habitats Regulation Assessment- HRA

1) Air Quality- Oxford Meadows Special Area of Conservation

There are several large allocations put forward in the plan for residential development, for example the proposed development at Dalton Barracks for 2,750 dwellings. A development of this size is likely to generate a considerable increase in vehicle movement in the plan area and therefore an increase in emissions. The plan should assess the impacts of the proposed development on air quality, with particular consideration given to impacts to European sites and SSSIs. The environmental assessment of the plan (SA and HRA) should consider any detrimental impacts on the natural environment, and suggest appropriate avoidance or mitigation measures where applicable. This information should then be used to inform site allocation appraisal and selection.

The effects on local roads in the vicinity of any proposed development on nearby designated nature conservation sites (including increased traffic, construction of new roads, and upgrading of existing roads), and the impacts on vulnerable sites from air quality effects on the wider road network in the area (a greater distance away from the development) can be assessed using traffic projections and the 200m distance criterion followed by local Air Quality modelling where required.

We consider that the designated sites at risk from local impacts are those within 200m of a road with increased traffic which feature habitats that are vulnerable to air quality impacts. APIS provides a searchable database and information on pollutants and their impacts on habitats and species. Please see the following link to Natural England's approach to advising competent authorities on the assessment of road traffic emissions under the Habitats Regulations Natural England's approach to advising competent authorities on the assessment of road traffic emissions under the Habitats Regulations - NEA001.

We are aware that there are a number of local plans coming forward in this area which are likely to have an impact on traffic flows on roads around Oxford Meadows SAC. Given the potential impacts and timings of these plans Natural England advise that a strategic approach is needed for both modelling and potential mitigation should impacts be identified. We look forward to discussing this further with the council.

2) Water Quality- River Lambourn Special Area of Conservation

Natural England advises you to fully consider the nutrients implications of the plan within the catchment area of the River Lambourn SAC and to secure appropriate mitigation measures if required and set these out within local plan policy. When considering a plan or project that may give rise to additional nutrients within the River Lambourn SAC catchment, you should undertake a HRA. An Appropriate Assessment will be needed where a likely significant effect (alone or in-combination) cannot be ruled out, even where the proposal contains mitigation provisions.

Site Allocations

1) Policy AS3- Land South of Grenoble Road, Edge of Oxford
   Policy AS4- Land at Northfield, Edge of Oxford
   Policy AS5- Land North of Bayswater Brook, Edge of Oxford

Natural England would welcome further information to be provided regarding the provision of green infrastructure and open space at these sites given the close proximity of these allocations to the edge of Oxford City and a number of SSSI located in this area such as Brasenose Wood & Shotover Hill SSSI, Lye Valley SSSI, New Marston Meadows SSSI, Iffley Meadows SSSI and Sydlings Copse & College Pond SSSI which could potentially experience an increase in visitor numbers and recreational disturbance from the resulting increase in population..

2) Policy AS10- Dalton Barracks Garden Village

Natural England would welcome further discussion regarding the proposed green infrastructure and country park provision at the site in order to mitigate any impacts from an increase in recreational disturbance at Cothill Fen SAC. We would anticipate that further information be included in the

appropriate assessment of the HRA to be provided at the next stage of consultation.
We would also welcome further information in relation to the potential hydrological and recreational impacts of the development on SSSI located in close proximity to the development site such as Dry Sandford Pit SSSI, Barrow Farm Fen SSSI and Frilford Heath Ponds and Fen SSSI.

We understand that Hydrological Impacts to Cothill Fen as a result of the Dalton Barracks Garden Village allocation have been screened out as having Likely Significant Effects and will not be taken forward to the Appropriate Assessment stage of the HRA. Natural England would welcome further consultation regarding this approach and look forward to discussing this further with the council.

If you have any queries relating to the advice in this letter please contact me on [redacted]

Yours sincerely

[redacted]
Sustainable Development Lead Adviser
Thames Solent Team

[redacted]

South and Vale Councils
Issued via email:
haveyoursay@southandvale.gov.uk

1st Floor West
Clearwater Court
Vastern Road
Reading
RG1 8DB

22 February 2024

South Oxfordshire and Vale of White Horse District Councils - Joint Local Plan - Preferred Options Consultation (Regulation 18 Part 2)

Dear Sir/Madam,

Thank you for allowing Thames Water Utilities Ltd (Thames Water) to comment upon the above.

As you will be aware, Thames Water are the statutory water supply and sewerage undertaker for the South and Vale area and are hence a **"specific consultation body"** in accordance with the Town & Country Planning (Local Planning) Regulations 2012.

We provide our comments below on the consultation in relation to our water supply and sewerage undertakings. We will reply separately in relation to the South East Strategic Reservoir Option (SESRO) project near Abingdon which is currently safeguarded in the adopted Vale of White Horse Local Plan.

Policy CE8 – Water quality and wastewater infrastructure and Policy IN1 - Infrastructure and service provision

We support these policies in principle where they relate to wastewater and water supply infrastructure. But we consider that it is such a vital issue that both should be covered in one separate policy covering 'Water Supply and Wastewater Infrastructure'.

Thames Water seeks to co-operate and maintain a good working relationship with local planning authorities in its area and to provide the support they need with regards to the provision of water supply and sewerage/wastewater treatment infrastructure.

Water and wastewater infrastructure is essential to any development. Failure to ensure that any required upgrades to the infrastructure network are delivered alongside development could result in adverse impacts in the form of internal and external sewer flooding and pollution of land and water courses and/or low water pressure.

A key sustainability objective for the preparation of Local Plans and Neighbourhood Plans should be for new development to be co-ordinated with the infrastructure it demands and to take into account the capacity of existing infrastructure. Paragraph 20 of the revised National

Planning Policy Framework (NPPF), 2023, states: "*Strategic policies should set out an overall strategy for the pattern, scale and quality of development, and make sufficient provision for… infrastructure for waste management, water supply, wastewater*…"

Paragraph 11 states: "*Plans and decisions should apply a presumption in favour of sustainable development. For plan-making this means that:*
a) All plans should promote a sustainable pattern of development that seeks to: meet the development needs of their area; align growth and infrastructure; improve the environment; mitigate climate change (including by making effective use of land in urban areas) and adapt to its effects"

Paragraph 28 relates to non-strategic policies and states: "*Non-strategic policies should be used by local planning authorities and communities to set out more detailed policies for specific areas, neighbourhoods or types of development. This can include allocating sites, the provision of infrastructure…"*

Paragraph 26 of the revised NPPF goes on to state: "*Effective and on-going joint working between strategic policy-making authorities and relevant bodies is integral to the production of a positively prepared and justified strategy. In particular, joint working should help to determine where additional infrastructure is necessary…."*

The web based National Planning Practice Guidance (NPPG) includes a section on 'water supply, wastewater and water quality' and sets out that Local Plans should be the focus for ensuring that investment plans of water and sewerage/wastewater companies align with development needs. The introduction to this section also sets out that "*Adequate water and wastewater infrastructure is needed to support sustainable development*" (Paragraph: 001, Reference ID: 34-001-
20140306).

It is important to consider the net increase in water and wastewater demand to serve the development and also any impact that developments may have off site, further down the network. The new Local Plan should therefore seek to ensure that there is adequate water and wastewater infrastructure to serve all new developments. Thames Water will work with developers and local authorities to ensure that any necessary infrastructure reinforcement is delivered ahead of the occupation of development. Where there are infrastructure constraints, it is important not to under estimate the time required to deliver necessary infrastructure. For example: local network upgrades take around 18 months and Sewage Treatment & Water Treatment Works upgrades can take 3-5 years.

The provision of water treatment (both wastewater treatment and water supply) is met by Thames Water's asset plans and from the 1st April 2018 network improvements will be from infrastructure charges per new dwelling.

As from 1st April 2018, the way Thames Water and all other water and wastewater companies charge for new connections has changed. The changes mean that more of Thames Water's charges will be fixed and published, rather than provided on application, enabling you to estimate your costs without needing to contact us. The services affected include new water connections, lateral drain connections, water mains and sewers (requisitions), traffic management costs, income offsetting and infrastructure charges.

Information on how off site network reinforcement is funded can be found here
https://developers.thameswater.co.uk/New-connection-charging

Thames Water therefore recommends that developers engage with them at the earliest opportunity (in line with paragraph 26 of the revised NPPF) to establish the following:

- The developments demand for water supply and network infrastructure both on and off site;
- The developments demand for Sewage/Wastewater Treatment and network infrastructure both on and off site and can it be met; and
- The surface water drainage requirements and flood risk of the development both on and off site and can it be met.

Thames Water offer a free Pre-Planning service which confirms if capacity exists to serve the development or if upgrades are required for potable water, waste water and surface water requirements. Details on Thames Water's free pre planning service are available at: https://www.thameswater.co.uk/developers/larger-scale-developments/planning-your-development/water-and-wastewater-capacity

In light of the above comments and Government guidance we consider that the New Local Plan should include a specific policy on the key issue of the provision of water and sewerage/wastewater infrastructure to service development. This is necessary because it will not be possible to identify all of the water/sewerage infrastructure required over the plan period due to the way water companies are regulated and plan in 5 year periods (Asset Management Plans or AMPs). We recommend the Local Plan include the following policy:

PROPOSED WATER SUPPLY/WASTEWATER INFRASTRUCTURE POLICY TEXT:
"Where appropriate, planning permission for developments which result in the need for off-site upgrades, will be subject to conditions to ensure the occupation is aligned with the delivery of necessary infrastructure upgrades."
"The Local Planning Authority will seek to ensure that there is adequate water and wastewater infrastructure to serve all new developments. Developers are encouraged to contact the water/waste water company as early as possible to discuss their development proposals and intended delivery programme to assist with identifying any potential water and wastewater network reinforcement requirements. Where there is a capacity constraint the Local Planning Authority will, where appropriate, apply phasing conditions to any approval to ensure that any necessary infrastructure upgrades are delivered ahead of the occupation of the relevant phase of development."

Local Authorities should also consider both the requirements of the utilities for land to enable them to meet the demands that will be placed upon them. This is necessary because it will not be possible to identify all the water and wastewater/sewerage infrastructure required over the plan period due to the way water companies are regulated and plan in 5 year periods (AMPs). Thames Water are currently in AMP7 which covers the period from 1st April 2020 to 31st March 2025. AMP8 will cover the period from 1st April 2025 to 31st March 2030. The Price Review, whereby the water companies' AMP8 Business Plan will be agreed with Ofwat during 2024.

Hence, a further text should be added to Policy as follows:
"*The development or expansion of water supply or waste water facilities will normally be permitted, either where needed to serve existing or proposed development in accordance with the provisions of the Development Plan, or in the interests of long term water supply and waste water management, provided that the need for such facilities outweighs any adverse land use or environmental impact or that any such adverse impact is minimised*."

Policy CE10 – Pollution Sources and Receptors - Development within the vicinity of Sewage Treatment Works and Sewage Pumping Stations

The new Local Plan should assess impact of any development within the vicinity of existing sewage works/sewage pumping stations in line with the Agent of Change principle set out in the NPPF, paragraph 187. Reference to the agent of change principle in Policy CE10 is supported.

Where development is being proposed within 800m of a sewage treatment works or 15m of a sewage pumping station, the developer or local authority should liaise with Thames Water to consider whether an odour impact assessment is required as part of the promotion of the site and potential planning application submission. The odour impact assessment would determine whether the proposed development would result in adverse amenity impact for new occupiers, as those new occupiers would be located in closer proximity to a sewage treatment works/pumping station.

Paragraph 174 of the NPPF, February 2021, sets out that: "*Planning policies and decisions should contribute to and enhance the natural and local environment by: ….e) preventing new and existing development from contributing to, being put at unacceptable risk from, or being adversely affected by, unacceptable levels of soil, air, water or noise pollution or land instability. Development should, wherever possible, help to improve local environmental conditions such as air and water quality, taking into account relevant information such as river basin management plans…"*

Paragraph 185 goes on to state: "*Planning policies and decisions should also ensure that new development is appropriate for its location taking into account the likely effects (including cumulative effects) of pollution on health, living conditions and the natural environment, as well as the potential sensitivity of the site or the wider area to impacts that could arise from the development…."*

The online PPG states at Paragraph: 005 Reference ID: 34-005-20140306 that: "*Plan-making may need to consider: ….whether new development is appropriate near to sites used (or proposed) for water and wastewater infrastructure (for example, odour may be a concern).."*

The odour impact study would establish whether new resident's amenity will be adversely affected by the sewage works and it would set the evidence to establish an appropriate amenity buffer. On this basis, text similar to the following should be incorporated into the new Local Plan: ***"When considering sensitive development, such as residential uses, close to the Sewage Treatment Works, a technical assessment should be undertaken by the developer or by the Council. The technical assessment should be undertaken in consultation with Thames Water. The technical assessment should confirm that either: (a) there is no adverse amenity impact on future occupiers of the proposed development or; (b) the development can be conditioned and mitigated to ensure that any potential for adverse amenity impact is avoided."***

Policy CE7 - Water Efficiency/Climate Change Comments

We support Policy CE7 in principle, but consider that it should be improved to help ensure the water efficiency targets are actually met in practice.

The Environment Agency has designated the Thames Water region to be an area of "*serious water stress*" which reflects the extent to which available water resources are used. Future pressures on water resources will continue to increase and key factors are population growth and climate change. On average our customers each use 30% more water than they did 30 years ago. Therefore water efficiency measures employed in new development are an important tool to help us sustain water supplies for the long term.

Water conservation and climate change is a vitally important issue to the water industry. Not only is it expected to have an impact on the availability of raw water for treatment but also the demand from customers for potable (drinking) water. Therefore, Thames Water support the mains water consumption target of 110 litres per head per day (105 litres per head per day plus an allowance of 5 litres per head per day for gardens) as set out in the NPPG (Paragraph: 014 Reference ID: 56-014-20150327) and support the inclusion of this requirement in Policy.

Thames Water promote water efficiency and have a number of water efficiency campaigns which aim to encourage their customers to save water at local levels. Further details are available on our website via the following link:
https://www.thameswater.co.uk/Be-water-smart

It is our understanding that the water efficiency standards of 110 litres per person per day is only applied through the building regulations where there is a planning condition requiring this standard (as set out at paragraph 2.8 of Part G2 of the Building Regulations). As the Thames Water area is defined as water stressed it is considered that such a condition should be attached as standard to all planning approvals for new residential development in order to help ensure that the standard is effectively delivered through the building regulations.

Within Part G of Building Regulations, the 110 litres/person/day level can be achieved through either the 'Calculation Method' or the 'Fittings Approach' (Table 2.2). The Fittings Approach provides clear flow-rate and volume performance metrics for each water using device / fitting in new dwellings. Thames Water considers the Fittings Approach, as outlined in Table 2.2 of Part G, increases the confidence that water efficient devices will be installed in the new dwelling. Insight from our smart water metering programme shows that household built to the 110 litres/person/day level using the Calculation Method, did not achieve the intended water performance levels.

We therefore consider that text in line with the following should be included in the Local Plan: ***"Development must be designed to be water efficient and reduce water consumption. Refurbishments and other non-domestic development will be expected to meet BREEAM water-efficiency credits. Residential development must not exceed a maximum water use of 105 litres per head per day (excluding the allowance of up to 5 litres for external water consumption) using the 'Fittings Approach' in Table 2.2 of Part G of Building Regulations. Planning conditions will be applied to new residential development to ensure that the water efficiency standards are met."***

Policy CE6 - Flood Risk & Drainage Comments

In relation to flood risk, the National Planning Practice Guidance (NPPG) states that a sequential approach should be used by local planning authorities in areas known to be at risk from forms of flooding other than from river and sea, which includes "Flooding from Sewers".

When reviewing development and flood risk it is important to recognise that water and/or sewerage infrastructure may be required to be developed in flood risk areas. By their very nature water and sewage treatment works are located close or adjacent to rivers (to abstract water for treatment and supply or to discharge treated effluent). It is likely that these existing works will need to be upgraded or extended to provide the increase in treatment capacity required to service new development. Flood risk sustainability objectives should therefore accept that water and sewerage infrastructure development may be necessary in flood risk areas.

Flood risk policies should also make reference to 'sewer flooding' and an acceptance that flooding can occur away from the flood plain as a result of development where off site sewerage infrastructure and capacity is not in place ahead of development.

With regard to surface water drainage it is the responsibility of the developer to make proper provision for drainage to ground, watercourses or surface water sewer in accordance with the drainage hierarchy. It is important to reduce the quantity of surface water entering the sewerage system in order to maximise the capacity for foul sewage to reduce the risk of sewer flooding.

Limiting the opportunity for surface water entering the foul and combined sewer networks is of critical importance to Thames Water. Thames Water have advocated an approach to SuDS that limits as far as possible the volume of and rate at which surface water enters the public sewer system. By doing this, SuDS have the potential to play an important role in helping to ensure the sewerage network has the capacity to cater for population growth and the effects of climate change.

SuDS not only help to mitigate flooding, they can also help to: improve water quality; provide opportunities for water efficiency; provide enhanced landscape and visual features; support wildlife; and provide amenity and recreational benefits.

With regard to surface water drainage, Thames Water request that the following paragraph should be included in Policy wording or supporting text: "***It is the responsibility of a developer to make proper provision for surface water drainage to ground, water courses or surface water sewer. It must not be allowed to drain to the foul sewer, as this is the major contributor to sewer flooding*.**"

Also to mitigate flood risk both on and off-site: ***"surface water drainage system discharge rates should be restricted to the equivalent Greenfield Qbar runoff rate or as close as practically possible, but never greater than 2 litres per second per hectare (2l/s/Ha)."*** in line with CIRIA guidance.

Policy NH1 – Nature Recovery

Thames Water support nature recovery and Biodiversity Net Gain, but it should be recognized in the policy that the new nature recovery designation covers large areas of the District and washes over a number of our operational sites including:

- Farmoor Reservoir and Farmoor Water Treatment Works (WTW)
- Beacon Hill Covered Service Reservoir
- Swinford WTW
- Shrivenham Sewage Treatment Works (STW)
- Appleton STW
- Blewbury Covered Service Reservoir
- Stanford in Vale STW

Thames Water provide essential water supply and sewerage/wastewater infrastructure in order to support growth and deliver environmental improvements.

Any nature recovery policy covering our operational sites should recognize that upgrades are likely to be require at these existing operational sites to provide additional capacity to meet population growth or to meet new environmental standards.

Some upgrades can be delivered under Permitted Development Rights granted by Part 13 of the GPDO, but certain developments require planning applications, such as new buildings. Thames Water is committed to biodiversity improvements over their estate, but it is important that any such policy does not provide undue restrictions on such operational development.

Growth Options Comments

The information contained within the new Local Plan will be of significant value to Thames Water as we prepare for the provision of future water supply/wastewater infrastructure.

The attached table provides Thames Water's site specific comments from desktop assessments on water supply, sewerage/waste water network and waste water treatment infrastructure in relation to the proposed sites, but more detailed modelling may be required to refine the requirements.

Early engagement between the developers and Thames Water would be beneficial to understand:

- What drainage requirements are required on and off site
- Clarity on what loading/flow from the development is anticipated
- Water supply requirements on and off site

The time to deliver water/wastewater infrastructure should not be underestimated. It can take 18 months – 3 years for local upgrades and 3 – 5 years plus for more strategic solutions to be delivered. It is therefore vital that the Council and Developers work alongside Thames Water so that we can build up a detailed picture what is being built where, get confidence of when that development is going to start and what the phasing of that development will be.

To support this Thames Water offers a Free pre planning service where developer can engage Thames water to understand what if any upgrades will be needed to serve the development where and when.

Link here > https://developers.thameswater.co.uk/Developing-a-large-site/Planning-your-development/Water-and-wastewater-capacity

We recommend developers attach the information we provide to their planning applications so that the Council and the wider public are assured water and waste matters for the development are being addressed.

We trust the above is satisfactory, but please do not hesitate to contact [redacted] on the above number if you have any queries.

Yours faithfully,

[redacted]
Thames Water Property Town Planner

Site ID	Site Name	Net Gain to System (l/day)	Net Foul Water Increase to System (l/s)	Net Property Equivalent Increase - Waste	Net Increase in Demand (l/day)	Net Increase in Peak Demand (l/s)	Net Property Equivalent Increase - Water	Water Response	Waste Response	Additional comment
76449	Culham Science Centre	0	0	0	0	0	0	Due to the complexities of water networks the level of information contained in this document does not allow Thames Water to make a detailed assessment of the impact the proposed housing provision will have on the water infrastructure and its cumulative impact. To enable us to provide more specific comments on the site proposals we require details of the Local Authority's aspiration for each site. For example, an indication of the location, type and scale of development together with the anticipated timing of development. Thames Water would welcome the opportunity to meet to discuss the water infrastructure needs relating to the Local Plan.	Due to the complexities of wastewater networks the level of information contained in this document does not allow Thames Water to make a detailed assessment of the impact the proposed housing provision will have on the wastewater infrastructure. To enable us to provide more specific comments on the site proposals we require details of the Local Authority's aspiration for each site. For example, an indication of the location, type and scale of development together with the anticipated timing of development. Thames Water would welcome the opportunity to meet to discuss the wastewater infrastructure needs relating to the Local Plan.	
39233	Didcot Gateway, Station Road, Didcot, Oxfordshire, OX11 7NN	213840	2.48	200	70000	2.43	200	The scale of development/s in this catchment is likely to require upgrades of the water supply network infrastructure. It is recommended that the Developer and the Local Planning Authority liaise with Thames Water at the earliest opportunity to agree a housing phasing plan. Failure to liaise with Thames Water will increase the risk of planning conditions being sought at the application stage to control the phasing of development in order to ensure that any necessary infrastructure upgrades are delivered ahead of the occupation of development. The housing phasing plan should determine what phasing may be required to ensure development does not outpace delivery of essential network upgrades to accommodate future development/s in this catchment. The developer can request information on network infrastructure by visiting the Thames Water website https://developers.thameswater.co.uk/Developing-a-large-site/Planning-your-development.	On the information available to date we do not envisage concerns regarding wastewater treatment capacity in relation to this development/s. It is recommended that the Developer and the Local Planning Authority liaise with Thames Water at the earliest opportunity to advise of the developments phasing. Please contact Thames Water Development Planning, either by email Devcon.team@thameswater.co.uk tel: 02035779998 or in writing Thames Water Utilities Ltd, Maple Lodge STW, Denham Way, Rickmansworth, Hertfordshire, WD3 9SQ	These comments are based on foul flows connecting to the public sewer by gravity (not pumped) and no surface water flows being discharged to the public sewer.
76450	Harwell Campus	0	0	0	0	0	0	Due to the complexities of water networks the level of information contained in this document does not allow Thames Water to make a detailed assessment of the impact the proposed housing provision will have on the water infrastructure and its cumulative impact. To enable us to provide more specific comments on the site proposals we require details of the Local Authority's aspiration for each site. For example, an indication of the location, type and scale of development together with the anticipated timing of development. Thames Water would welcome the opportunity to meet xxxxx to discuss the water infrastructure needs relating to the Local Plan.	Due to the complexities of wastewater networks the level of information contained in this document does not allow Thames Water to make a detailed assessment of the impact the proposed housing provision will have on the wastewater infrastructure. To enable us to provide more specific comments on the site proposals we require details of the Local Authority's aspiration for each site. For example, an indication of the location, type and scale of development together with the anticipated timing of development. Thames Water would welcome the opportunity to meet to discuss the wastewater infrastructure needs relating to the Local Plan.	

76443	Land adjacent to Culham Science Centre	3742200	43.31	3500	1225000	42.53	3500	The scale of development/s in this catchment is likely to require upgrades of the water supply network infrastructure. It is recommended that the Developer and the Local Planning Authority liaise with Thames Water at the earliest opportunity to agree a housing phasing plan. Failure to liaise with Thames Water will increase the risk of planning conditions being sought at the application stage to control the phasing of development in order to ensure that any necessary infrastructure upgrades are delivered ahead of the occupation of development. The housing phasing plan should determine what phasing may be required to ensure development does not outpace delivery of essential network upgrades to accommodate future development/s in this catchment. The developer can request information on network infrastructure by visiting the Thames Water website https://developers.thameswater.co.uk/Developing-a-large-site/Planning-your-development.	The scale of development/s is likely to require upgrades to both the wastewater network and sewage treatment infrastructure. It is recommended that the Developer and the Local Planning Authority liaise with Thames Water at the earliest opportunity to agree a housing and infrastructure phasing plan. The plan should determine the magnitude of spare capacity currently available within the network and what phasing may be required to ensure development does not outpace delivery of essential network upgrades to accommodate future development/s. Failure to liaise with Thames Water will increase the risk of planning conditions being sought at the application stage to control the phasing of development in order to ensure that any necessary infrastructure upgrades are delivered ahead of the occupation of development. The developer can request information on the network and treatment infrastructure by visiting the Thames Water website https://developers.thameswater.co.uk/Developing-a-large-site/Planning-your-development. Planning, either by email Devcon.team@thameswater.co.uk tel: 02035779998 or in writing Thames Water Utilities Ltd, Maple Lodge STW, Denham Way, Rickmansworth, Hertfordshire, WD3 9SQ	
57140	Land at Berinsfield	1817640	21.04	1700	595000	20.66	1700	The scale of development/s in this catchment is likely to require upgrades of the water supply network infrastructure. It is recommended that the Developer and the Local Planning Authority liaise with Thames Water at the earliest opportunity to agree a housing phasing plan. Failure to liaise with Thames Water will increase the risk of planning conditions being sought at the application stage to control the phasing of development in order to ensure that any necessary infrastructure upgrades are delivered ahead of the occupation of development. The housing phasing plan should determine what phasing may be required to ensure development does not outpace delivery of essential network upgrades to accommodate future development/s in this catchment. The developer can request information on network infrastructure by visiting the Thames Water website https://developers.thameswater.co.uk/Developing-a-large-site/Planning-your-development.	The scale of development/s is likely to require upgrades to both the wastewater network and sewage treatment infrastructure. It is recommended that the Developer and the Local Planning Authority liaise with Thames Water at the earliest opportunity to agree a housing and infrastructure phasing plan. The plan should determine the magnitude of spare capacity currently available within the network and what phasing may be required to ensure development does not outpace delivery of essential network upgrades to accommodate future development/s. Failure to liaise with Thames Water will increase the risk of planning conditions being sought at the application stage to control the phasing of development in order to ensure that any necessary infrastructure upgrades are delivered ahead of the occupation of development. The developer can request information on the network and treatment infrastructure by visiting the Thames Water website https://developers.thameswater.co.uk/Developing-a-large-site/Planning-your-development. Planning, either by email Devcon.team@thameswater.co.uk tel: 02035779998 or in writing Thames Water Utilities Ltd, Maple Lodge STW, Denham Way, Rickmansworth, Hertfordshire, WD3 9SQ	

53082	Land at Dalton Barracks Garden Village, Shippon	2940300	34.03	2750	962500	33.42	2750	The scale of development/s in this catchment is likely to require upgrades of the water supply network infrastructure. It is recommended that the Developer and the Local Planning Authority liaise with Thames Water at the earliest opportunity to agree a housing phasing plan. Failure to liaise with Thames Water will increase the risk of planning conditions being sought at the application stage to control the phasing of development in order to ensure that any necessary infrastructure upgrades are delivered ahead of the occupation of development. The housing phasing plan should determine what phasing may be required to ensure development does not outpace delivery of essential network upgrades to accommodate future development/s in this catchment. The developer can request information on network infrastructure by visiting the Thames Water website https://developers.thameswater.co.uk/Developing-a-large-site/Planning-your-development.	The scale of development/s is likely to require upgrades to both the wastewater network and sewage treatment infrastructure. It is recommended that the Developer and the Local Planning Authority liaise with Thames Water at the earliest opportunity to agree a housing and infrastructure phasing plan. The plan should determine the magnitude of spare capacity currently available within the network and what phasing may be required to ensure development does not outpace delivery of essential network upgrades to accommodate future development/s. Failure to liaise with Thames Water will increase the risk of planning conditions being sought at the application stage to control the phasing of development in order to ensure that any necessary infrastructure upgrades are delivered ahead of the occupation of development. The developer can request information on the network and treatment infrastructure by visiting the Thames Water website https://developers.thameswater.co.uk/Developing-a-large-site/Planning-your-development. Planning, either by email Devcon.team@thameswater.co.uk tel: 02035779998 or in writing Thames Water Utilities Ltd, Maple Lodge STW, Denham Way, Rickmansworth, Hertfordshire, WD3 9SQ	

74851	Land at Northfield, Edge of Oxford	1924560	22.28	1800	630000	21.88	1800	The scale of development/s in this catchment is likely to require upgrades of the water supply network infrastructure. It is recommended that the Developer and the Local Planning Authority liaise with Thames Water at the earliest opportunity to agree a housing phasing plan. Failure to liaise with Thames Water will increase the risk of planning conditions being sought at the application stage to control the phasing of development in order to ensure that any necessary infrastructure upgrades are delivered ahead of the occupation of development. The housing phasing plan should determine what phasing may be required to ensure development does not outpace delivery of essential network upgrades to accommodate future development/s in this catchment. The developer can request information on network infrastructure by visiting the Thames Water website https://developers.thameswater.co.uk/Developing-a-large-site/Planning-your-development.	On the information available to date we do not envisage infrastructure concerns regarding wastewater network or wastewater treatment infrastructure capability in relation to this site/s. It is recommended that the Developer and the Local Planning Authority liaise with Thames Water at the earliest opportunity to advise of the developments phasing. Please contact Thames Water Development Planning, either by email Devcon.team@thameswater.co.uk tel: 02035779998 or in writing Thames Water Utilities Ltd, Maple Lodge STW, Denham Way, Rickmansworth, Hertfordshire, WD3 9SQ Thames Water recognises this catchment is subject to high infiltration flows during certain groundwater conditions. The scale of the proposed development doesn't materially affect the sewer network, however care needs to be taken when designing new networks to ensure they don't surcharge and cause flooding. In the longer term Thames Water, along with other partners, are working on a strategy to reduce groundwater entering the sewer networks. Thames Water recognises this catchment is subject to high infiltration flows during certain groundwater conditions. The developer should liaise with the LLFA to agree an appropriate sustainable surface water strategy following the sequential approach before considering connection to the public sewer network. The scale of the proposed development doesn't materially affect the sewer network, however care needs to be taken when designing new networks to ensure they don't surcharge and cause flooding. In the longer term Thames Water, along with other partners, are working on a strategy to reduce groundwater entering the sewer network.	

61369	Land North of Bayswater Brook near Barton, Didcot, Oxfordshire (Pending)	1176120	13.61	1100	385000	13.37	1100	The scale of development/s in this catchment is likely to require upgrades at the water treatment works. It is recommended that the Developer and the Local Planning Authority liaise with Thames Water at the earliest opportunity to agree a housing phasing plan. Failure to liaise with Thames Water will increase the risk of planning conditions being sought at the application stage to control the phasing of development in order to ensure that any necessary infrastructure upgrades are delivered ahead of the occupation of development. The housing phasing plan should determine what phasing may be required to ensure development does not outpace delivery of essential treatment upgrades to accommodate future development/s in this catchment. Please contact Thames Water Development Planning either by email Devcon.team@thameswater.co.uk tel: 02035779998 or in writing Thames Water Utilities Ltd, Maple Lodge STW, Denham Way, Rickmansworth, Hertfordshire, WD3 9SQ	Thames Water recognises this catchment is subject to high infiltration flows during certain groundwater conditions. The scale of the proposed development doesn't materially affect the sewer network, however care needs to be taken when designing new networks to ensure they don't surcharge and cause flooding. In the longer term Thames Water, along with other partners, are working on a strategy to reduce groundwater entering the sewer networks. Thames Water recognises this catchment is subject to high infiltration flows during certain groundwater conditions. The developer should liaise with the LLFA to agree an appropriate sustainable surface water strategy following the sequential approach before considering connection to the public sewer network. The scale of the proposed development doesn't materially affect the sewer network, however care needs to be taken when designing new networks to ensure they don't surcharge and cause flooding. In the longer term Thames Water, along with other partners, are working on a strategy to reduce groundwater entering the sewer network. On the information available to date we do not envisage infrastructure concerns regarding wastewater network or wastewater treatment infrastructure capability in relation to this site/s. It is recommended that the Developer and the Local Planning Authority liaise with Thames Water at the earliest opportunity to advise of the developments phasing. Please contact Thames Water Development Planning, either by email Devcon.team@thameswater.co.uk tel: 02035779998 or in writing Thames Water Utilities Ltd, Maple Lodge STW, Denham Way, Rickmansworth, Hertfordshire, WD3 9SQ	
37046	Land North/West of Grove, North of Grove Airfield, South of Denchworth Road, Grove (Pending)	641520	7.43	600	210000	7.29	600	The scale of development/s in this catchment is likely to require upgrades of the water supply network infrastructure. It is recommended that the Developer and the Local Planning Authority liaise with Thames Water at the earliest opportunity to agree a housing phasing plan. Failure to liaise with Thames Water will increase the risk of planning conditions being sought at the application stage to control the phasing of development in order to ensure that any necessary infrastructure upgrades are delivered ahead of the occupation of development. The housing phasing plan should determine what phasing may be required to ensure development does not outpace delivery of essential network upgrades to accommodate future development/s in this catchment. The developer can request information on network infrastructure by visiting the Thames Water website https://developers.thameswater.co.uk/Developing-a-large-site/Planning-your-development.	The scale of development/s is likely to require upgrades to the wastewater network. It is recommended that the Developer and the Local Planning Authority liaise with Thames Water at the earliest opportunity to agree a housing and infrastructure phasing plan. The plan should determine the magnitude of spare capacity currently available within the network and what phasing may be required to ensure development does not outpace delivery of essential network upgrades to accommodate future development/s. Failure to liaise with Thames Water will increase the risk of planning conditions being sought at the application stage to control the phasing of development in order to ensure that any necessary infrastructure upgrades are delivered ahead of the occupation of development. The developer can request information on network infrastructure by visiting the Thames Water website https://developers.thameswater.co.uk/Developing-a-large-site/Planning-your-development.	These comments are based on foul flows connecting to the public sewer by gravity (not pumped) and no surface water flows being discharged to the public sewer.

76448	Land South of Grenoble Road, Edge of Oxford	3207600	37.13	3000	1050000	36.46	3000	The scale of development/s in this catchment is likely to require upgrades of the water supply network infrastructure. It is recommended that the Developer and the Local Planning Authority liaise with Thames Water at the earliest opportunity to agree a housing phasing plan. Failure to liaise with Thames Water will increase the risk of planning conditions being sought at the application stage to control the phasing of development in order to ensure that any necessary infrastructure upgrades are delivered ahead of the occupation of development. The housing phasing plan should determine what phasing may be required to ensure development does not outpace delivery of essential network upgrades to accommodate future development/s in this catchment. The developer can request information on network infrastructure by visiting the Thames Water website https://developers.thameswater.co.uk/Developing-a-large-site/Planning-your-development.	Thames Water recognises this catchment is subject to high infiltration flows during certain groundwater conditions. The scale of the proposed development doesn't materially affect the sewer network, however care needs to be taken when designing new networks to ensure they don't surcharge and cause flooding. In the longer term Thames Water, along with other partners, are working on a strategy to reduce groundwater entering the sewer networks. Thames Water recognises this catchment is subject to high infiltration flows during certain groundwater conditions. The developer should liaise with the LLFA to agree an appropriate sustainable surface water strategy following the sequential approach before considering connection to the public sewer network. The scale of the proposed development doesn't materially affect the sewer network, however care needs to be taken when designing new networks to ensure they don't surcharge and cause flooding. In the longer term Thames Water, along with other partners, are working on a strategy to reduce groundwater entering the sewer network. The scale of development/s is likely to require upgrades to both the wastewater network and sewage treatment infrastructure. It is recommended that the Developer and the Local Planning Authority liaise with Thames Water at the earliest opportunity to agree a housing and infrastructure phasing plan. The plan should determine the magnitude of spare capacity currently available within the network and what phasing may be required to ensure development does not outpace delivery of essential network upgrades to accommodate future development/s. Failure to liaise with Thames Water will	GM 02/02/2024 - Water - Threshold for DMA = 50. Advise capacity concerns. PS 06/02/24 Waste - These comments are based on foul flows connecting to the public sewer by gravity (not pumped) and no surface water flows being discharged to the public sewer. Assumed single point of connection. High network risk 181%PFC. Groundwater codes applied. Note: development adjacent to Oxford STW, odour codes to be applied for future consultations when this site comes forward.
37054	North West of Valley Park, Didcot	855360	9.9	800	280000	9.72	800	The scale of development/s in this catchment is likely to require upgrades of the water supply network infrastructure. It is recommended that the Developer and the Local Planning Authority liaise with Thames Water at the earliest opportunity to agree a housing phasing plan. Failure to liaise with Thames Water will increase the risk of planning conditions being sought at the application stage to control the phasing of development in order to ensure that any necessary infrastructure upgrades are delivered ahead of the occupation of development. The housing phasing plan should determine what phasing may be required to ensure development does not outpace delivery of essential network upgrades to accommodate future development/s in this catchment. The developer can request information on network infrastructure by visiting the Thames Water website https://developers.thameswater.co.uk/Developing-a-large-site/Planning-your-development.	The scale of development/s is likely to require upgrades to the wastewater network. It is recommended that the Developer and the Local Planning Authority liaise with Thames Water at the earliest opportunity to agree a housing and infrastructure phasing plan. The plan should determine the magnitude of spare capacity currently available within the network and what phasing may be required to ensure development does not outpace delivery of essential network upgrades to accommodate future development/s. Failure to liaise with Thames Water will increase the risk of planning conditions being sought at the application stage to control the phasing of development in order to ensure that any necessary infrastructure upgrades are delivered ahead of the occupation of development. The developer can request information on network infrastructure by visiting the Thames Water website https://developers.thameswater.co.uk/Developing-a-large-site/Planning-your-development.	These comments are based on foul flows connecting to the public sewer by gravity (not pumped) and no surface water flows being discharged to the public sewer.

76446	Rich's Sidings and Broadway, Didcot	106920	1.24	100	35000	1.22	100	The scale of development/s in this catchment is likely to require upgrades of the water supply network infrastructure. It is recommended that the Developer and the Local Planning Authority liaise with Thames Water at the earliest opportunity to agree a housing phasing plan. Failure to liaise with Thames Water will increase the risk of planning conditions being sought at the application stage to control the phasing of development in order to ensure that any necessary infrastructure upgrades are delivered ahead of the occupation of development. The housing phasing plan should determine what phasing may be required to ensure development does not outpace delivery of essential network upgrades to accommodate future development/s in this catchment. The developer can request information on network infrastructure by visiting the Thames Water website https://developers.thameswater.co.uk/Developing-a-large-site/Planning-your-development.	On the information available to date we do not envisage concerns regarding wastewater treatment capacity in relation to this development/s. It is recommended that the Developer and the Local Planning Authority liaise with Thames Water at the earliest opportunity to advise of the developments phasing. Please contact Thames Water Development Planning, either by email Devcon.team@thameswater.co.uk tel: 02035779998 or in writing Thames Water Utilities Ltd, Maple Lodge STW, Denham Way, Rickmansworth, Hertfordshire, WD3 9SQ	These comments are based on foul flows connecting to the public sewer by gravity (not pumped) and no surface water flows being discharged to the public sewer.

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26/02/2024

South and Vale

To whom it may concern

Joint Local Plan for South and Vale – Preferred Options – Alkaline Fens

Freshwater Habitats Trust (FHT) are the leading national UK charity specialising in headwaters, small waterbodies and lowland fens. We welcome the opportunity to respond to the Joint Local Plan for South and Vale – Preferred Options consultation and support its aspiration for "this to be a place where nature is thriving, and nature reserves are no longer isolated pockets."

We have specific comments to make in relation to how the Preferred Options consultation proposes developments within the catchment of Alkaline Fens, an exceptionally biodiverse and rare priority habitat nationally. This is based on our experience of restoring Alkaline fens across the county since 2018 including the Cothill Fen SAC and Parsonage Moor SSSI complex, Barrow Farm Fen SSSI and Hinksey Heights, Chilswell Valley and Raleigh Park Local Wildlife Sites.

Alkaline Fens and now extremely rare, limited to small and fragmented sites[1] covering just 28km2 in the UK[2]. These wetland ecosystems are fed by groundwater, emerging as springs and seepages all year round. As groundwater dependent terrestrial ecosystems, the rare wetland plants and invertebrates they support are entirely dependent on the water table being at or near the surface all year round, which in turn depends on a steady, sustained supply of clean, mineral-rich groundwater sourced from rain falling on the surface of the catchment and percolating into the ground. If the groundwater supply is reduced, impaired, polluted or lost by urban development within the groundwater catchment supplying the lowland fen, it would shift to a different, less biodiverse plant community with the loss of their rare wetland plants and invertebrates.

These fens also hold peat deposits, a valuable carbon store created by the anoxic conditions caused by a high water table which slows the decomposition of plant matter. This has been measured at over 1m deep in Chilswell Valley. If the fens dry out due

[1] Diack et al (2013) Calcareous, groundwater-fed fens in England: Distribution, Ecology and conservation. Natural England

[2] Joint Nature Conservancy Council (JNCC) (2019b) "Article 17 Habitats Directive Report 2019: Habitat Conservation Status Assessments. Conservation status assessment for the habitat: H7230 - Alkaline fens. United Kingdom".

to reduction in groundwater volume, the carbon locked up in the peat oxidises and is released as Carbon Dioxide, contributing to climate change.

1. Request for a Policy on Alkaline Fens – Groundwater Dependent Terrestrial Ecosystems

Our concerns are that the Local Plan itself and the preferred option policies for the sites allocated for development do not adequately account for the adverse impacts of development on the groundwater catchment. As already explained, it is no good protecting the physical extant of the fen if the catchment feeding the groundwater is not also protected in order to ensure:

- **Groundwater supply** i.e. the volume of groundwater supplying the fen is not impeded nor the rate at which it is delivered changed from its natural condition
- **Water quality** i.e. clean and free from pollution, most importantly nitrate and phosphate from agriculture (and the latter from sewage)
- **Water chemistry** i.e. the springs and seepages retain their naturally calcium rich, highly alkaline chemistry as a function of flowing through permeable limestone underground.

FHT are concerned by many examples in Oxfordshire where Alkaline Fens have been degraded by development within their groundwater catchment where impermeable hard-standing, roads and buildings has sealed off the natural, permeable, catchment surface. This prevents the recharge and supply of clean, calcium-rich groundwater feeding the Alkaline Fens.

Lowland fens are already designated as irreplaceable habitat in paragraph 180 of the NPPF. We ask that the preferred options reflect this special status by including a dedicated policy for Alkaline Fens stating:

1. The national importance of our area for Alkaline Fens both in terms of their outstanding biodiversity and role in carbon storage and reducing flood risk;
2. Mapping out the location of these fens both extant and relic (where restoration may be possible) and the precise location of their groundwater catchments;
3. Requiring that any development proposed within the catchment of an Alkaline fen clearly and unambiguously demonstrates that it will not reduce the groundwater supply, water quality or alter the water chemistry. This will require an independent organisation to determine the minimum area of natural surface groundwater catchment necessary to sustain recharge capacity, water quality and water chemistry for the lowland fen at the water table necessary to maintain its lowland fen plant community;
4. Stipulating that any development affecting the catchment of a lowland fen should be subject to an Environmental Impact Assessment (EIA). This is because the cumulative impact of incremental catchment development on lowland fens is not effectively assessed. Taken individually, small applications are too small to trigger an Environmental Impact Assessment (EIA) and cumulative impacts are therefore not considered. However, as lowland fen catchments are often very small, the impact of several small, separate

applications on lowland fen catchments if considered cumulatively would likely be adverse;

5. The potential for pollution of groundwater supply to the lowland fen from water supply, sewerage, Ground Source Heat Pumps pipes and septic tanks should be considered. This is because the plant and invertebrate communities of lowland fens are also highly sensitive to pollution entering the groundwater – even tap water has levels of nitrate way above levels their rare plant communities can tolerate; and
6. Until evidence is provided of their effectiveness, Sustainable Drainage Systems (SUDS) are not accepted as mitigation for adverse impacts on lowland fens. This is because, SUDS are designed to minimise flood risk, not simulate the supply of groundwater in a manner compatible with the requirements of lowland fen ecology or hydrology. FHT are not aware of any evidence that SUDS can fulfil this role in the case of groundwater dependent terrestrial ecosystems. The CIRIA SUDS Manual (2015)[3], provides no guidance on mitigating the loss of permeable, natural, catchment on fens and groundwater dependent terrestrial ecosystems. In assessing the impact of possible development at Southfield Golf Course in the catchment of the Lye Valley Fens SSSI[4], Dr Curt Lamberth, an expert hydrologist, stated "Groundwater protection zones are not fully mitigated by the use of SUDS therefore development within these areas must be restricted or eliminated. It is possible that by collecting and pooling surface water in retention ponds and other SUDS features, they may deprive lowland fens of groundwater recharge through increasing evapotranspiration losses of precipitation inputs, which would have otherwise naturally infiltrated into the ground.

2. Specific Comments on Housing Allocations

Policy AS15 - Harcourt Hill Campus

Harcourt Hill Campus sits on limestone within the catchment of the Raleigh Park Fen complex and local wildlife site. The site is still largely open green space, with water able to percolate naturally into the ground through the limestone and emerge in Raleigh Park where it meets the impermeable clay. The policy needs updating to reference the fact that the site occupies most of the fen's groundwater catchment and it is consequently vulnerable to development that proposed to seal off the existing natural, permeable ground surface. It must state that no development will be permitted that could adversely affect the fens groundwater supply, water quality and water chemistry (in accordance with the suggested policy outlined above).

Policy AS10 - Land at Dalton Barracks Garden Village, Shippon

We are very concerned about the proximity of this housing allocation to the Cothill Fen SAC and Parsonage Moor SSSI complex, Dry Sandford SSSI, Barrow Farm Fen

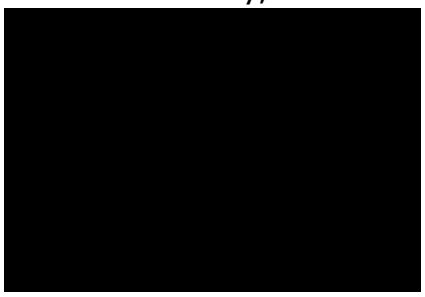
[3] https://www.fenland.gov.uk/media/12340/SuDs-manual-Sustainable-Drainage/pdf/CIRIA_report_C753_The_SuDS_Manual-v3.pdf

[4] Lamberth, C (2007) Investigation of the possible hydrological effects on the Lye Valley Sites of Special Scientific Interest and the riparian zones of the Lye and Boundary Brooks as a result of development on Southfield Golf Course, A pre-EIA assessment.

SSSI and Frilford Heath SSSI. These are the best Alkaline Fen complexes in central southern England and already under huge stress from agriculture (drainage and nitrate pollution), climate change (water supply, dessication) and people (recreational disturbance and dog walking). Whilst it is good to see these issues have been noted, the policy as written does not go far enough. Barrow Farm Fen SSSI is downstream of the site and its catchment and consequently the fen itself is very likely to be adversely affected by a development of this size as currently proposed. We do not support this site for allocation of housing for these reasons and request that the catchment is mapped, its hydrology assessed and the groundwater needs of Barrow Farm Fen calculated as a matter of urgency before any further decisions are taken on allocating this site for development.

We would be happy to work with you to develop these policies and work towards the best outcomes for these precious wetland sites.

Yours faithfully,



Chief Executive Officer
Freshwater Habitats Trust

Catchment
River Cherwell
River Thames
River Windrush
River Ock
River Stert
River Ock
River Cole
River Leach
River Thame
River Pang
Bayswater Brook
Seacourt Stream
Eynsham Mead Ditch
Seacourt Stream
Hinksey Stream
Great Brook
Larkhill Stream
Littlemore Brook
Northfield Brook
Sandford Brook
Wadley Stream
Frogmore Brook
Holywell Brook
Ginge Brook
Mere Dike
Cow Common Brook
Ginge Brook
Moor Ditch
Lockinge Brook
Portobello Ditch
Lockinge Brook
West Hendred Brook
Ginge Brook
Mere Dike
Stutfield Brook
Childrey Brook
Woodhill Brook
Land Brook
Letcombe Brook
Pill Ditch
Mill Brook
Hakka's Brook
Tuckmill Brook
Stutfield Brook
Pennyhooks Brook
Tuckmill Brook
Bower Brook

Betterton Brook
Betterton Brook
Goddard's Brook
Hollow Brook
Moorbirge Brook
Danes Brook
Holton Brook
Cuddesdon Brook
Cuttle Brook
The Lyde
Haseley Brook
Northfield Brook
Baldon Brook
Haseley Brook
Kibble Ditch
Bradford's Brook
Berry Brook

Entire Available Record

Site Name (EA Consents Database)	Site Name (WaSC operational) [optional]
ABINGDON SEWAGE TREATMENT WORKS	Abingdon STW
Acton P/S and storm	Acton Ealing SPS
BANBURY WASTEWATER TREATMENT WORKS	Banbury STW
BOURTON ON THE WATER CSO	Bourton-on-the-water
BURFORD WASTEWATER TREATMENT WORKS	Burford STW
Cassington (New)	Cassington STW
CASTLE EATON	Castle Eaton STW
CHIPPING WARDEN WWTW	Chipping Warden STW
Church Manorway	Church Manorway (Erith) SPS
COMPTON SEWAGE TREATMENT WORKS	Compton STW
Crabtree Manorway	Crabtree Manorway (Belvedere) SPS
CRICKLADE WWTW	Cricklade STW
CROPREDY WASTEWATER TREATMENT WORKS	Cropredy STW
CSO AT PORTSMOUTH/UXBRIDGE ROAD	Portsmouth road, uxbridge road
DORCHESTER WWTW	Dorchester STW
EYDON WASTEWATER TREATMENT WORKS	Eydon STW
Fergusson Road, Banbury	Fergusson road, banbury
Friday Street, Henley	Friday Street (Henley) SPS
GORING WASTEWATER TREATMENT WORKS	Goring STW
HAMBLEDON SEWAGE TREATMENT WORKS	Hambleden STW
HAMPSTEAD NORREYS WWTW	Hampstead Norreys STW
HATCHETTS SPS	Hatchetts (Cricklade) SPS
HEYFORD WASTEWATER TREATMENT WORKS	Upper Heyford STW
Kingston Main	Kingston Main SPS
LECHLADE STW	Lechlade STW
LITTLE MARLOW STW	Little Marlow STW
Littlemore Low Level	Heyford Hill Lane (Littlemore) SPS
Long Lane	Long Lane (Littlemore) SPS
LOWER CHERWELL ST WPS, BANBURY	Cherwell Street (Banbury) SPS & SSP
Lower Cookham Rd Car Park	Car Park (Maidenhead) SPS
Mackney Lane (Main)	Mackney Lane 1 SPS
Marsworth	Marsworth SPS
NIGHTINGALE LANE CSO	Nightingale lane
NORTHLEACH WWTW	Northleach STW
PETERSHAM ROAD CSO	Petersham road
Reading, Caversham	Caversham (Reading) SPS
SEVENHAMPTON VILLAGE WWTW	Sevenhampton STW

Standlake	Standlake STW
STANFORD IN THE VALE STW	Stanford in the Vale STW
TACKLEY SPS	Tackley SPS & Storm SPS
WARDINGTON SEWAGE PUMPING STATION	Wardington SPS
Windsor	Windsor STW
Woodeaton STW Pumping Station	Woodeaton STW
WOODFORD HALSE SPS	Woodford Halse (SPS)

EA Permit Reference (EA Consents Database)	WaSC Supplementary Permit Ref. [optional]	Activity Reference on Permit	Storm Discharge Asset Type
CTCR.1804	1804	A3	Storm tank at WwTW
TEMP.0312	TEMP.0312	Temporary Consent Schedule	Storm discharge at pumping station
CNTD.0021	D21	A3	Storm tank at WwTW
CTCR.2036	2036	A1	Storm tank at WwTW - with treatmen
CTCP.0026	P26	A2	Storm tank at WwTW
TEMP.2457	TEMP.2457	Temporary Consent Schedule	Storm tank at WwTW
TEMP.2458	TEMP.2458	Temporary Consent Schedule	Inlet SO at WwTW
CTCR.1793	1793	A2	Inlet SO at WwTW
TEMP.0681	TEMP.0681	Temporary Consent Schedule	Storm discharge at pumping station
CATM.3132	W/WR.12	A2	Storm tank at WwTW
TEMP.0770	TEMP.0770	Temporary Consent Schedule	Storm discharge at pumping station
CSSC.2470	COPA/2470	A2	Inlet SO at WwTW - with treatment
TEMP.2506	TEMP.2506	1 activity on permit	Storm tank at WwTW
TEMP.2843	TEMP.2843	1 activity on permit	SO on sewer network
TEMP.2542	TEMP.2542	1 activity on permit	Inlet SO at WwTW
CSSC.1370	COPA/1370	A2	Storm tank at WwTW
TEMP.2606	TEMP.2606	1 activity on permit	SO on sewer network
TEMP.1003	TEMP.1003	Temporary Consent Schedule	Storm discharge at pumping station
TEMP.2616	TEMP.2616	1 activity on permit	Storm tank at WwTW
CAWM.0192	W/WR193	A2	Storm tank at WwTW
CNTD.0066	TEMP.2647	A2	Inlet SO at WwTW
EPRFB3198F	EPR/FB3198	A2	Storm discharge at pumping station
TEMP.2658	TEMP.2658	1 activity on permit	Storm tank at WwTW
TEMP.1273	TEMP.1273	Temporary Consent Schedule	Storm discharge at pumping station
CTCR.1797	1797	A2	Storm tank at WwTW
CNTD.0058	D58	A2	Storm tank at WwTW
TEMP.1358	TEMP.1358	Temporary Consent Schedule	Storm discharge at pumping station
TEMP.1375	TEMP.1375	Temporary Consent Schedule	Storm discharge at pumping station
CATM.3189	WR3189	A2	Storm discharge at pumping station
TEMP.1396	TEMP.1396	Temporary Consent Schedule	Storm discharge at pumping station
TEMP.1434	TEMP.1434	Temporary Consent Schedule	Storm discharge at pumping station
TEMP.2766	TEMP.2766	Temporary Consent Schedule	Storm discharge at pumping station
TEMP.2819	TEMP.2819	Temporary Consent Schedule	SO on sewer network
CNTD.0012	D.12	A2	Storm tank at WwTW - with treatmen
CSAB.0525	CSAB.0525	1 activity on permit	SO on sewer network
TEMP.1769	TEMP.1769	Temporary Consent Schedule	Storm discharge at pumping station
CSSC.1425	COPA/1425	A2	Inlet SO at WwTW

TEMP.2906	TEMP.2906	Temporary Consent Schedule	Storm tank at WwTW
CSSC.2317	COPA/2317	A2	Storm tank at WwTW - with treatmen
CAWM.0638	W/WR638	A2	Storm discharge at pumping station
CTCR.1833	1833	1 activity on permit	Storm discharge at pumping station
TEMP.3014	TEMP.3014	Temporary Consent Schedule	Storm tank at WwTW
TEMP.2292	TEMP.2292	Temporary Consent Schedule	Inlet SO at WwTW
CTCR.1853	1853	1 activity on permit	Storm discharge at pumping station

Outlet Discharge NGR (EA Consents Database)	WFD Waterbody ID (Cycle 2) (discharge outlet)	WFD Waterbody Catchment Name (Cycle 2) (discharge outlet)
SU4933095090	GB106039030334	Thames (Evenlode to Thame)
TQ2120080000	GB530603911403	THAMES UPPER
SP4730040100	GB106039037310	Cherwell (Cropredy to Nell Bridge)
SP1762019070	GB106039030470	Dikler (Wyck Rissington to Windrush) and Lower Ey
SP2565012270	GB106039030440	Windrush and tributaries (Little Rissington to Thame
SP4660010100	GB106039030334	Thames (Evenlode to Thame)
SU1510096201	GB106039022990	Thames (Churn to Coln)
SP5000048150	GB106039037350	Cherwell (Ashby Brook to Cropredy)
TQ5060079400	GB530603911402	THAMES MIDDLE
SU5260079000	GB106039023300	Pang
TQ5010079800	GB530603911402	THAMES MIDDLE
SU1067093860	GB106039022990	Thames (Churn to Coln)
SP4694046210	GB106039037310	Cherwell (Cropredy to Nell Bridge)
TQ1767068010	GB106039023232	Thames (Egham to Teddington)
SU5801093700	GB106039030240	Thame (Scotsgrove Brook to Thames)
SP5451050190	GB106039037360	Ashby Brook (Source to Cherwell)
SP4616041200	GB106039037310	Cherwell (Cropredy to Nell Bridge)
SU7630082700	GB106039023233	Thames (Reading to Cookham)
SU6020082901	GB106039030331	Thames Wallingford to Caversham
SU7863084750	GB106039023233	Thames (Reading to Cookham)
SU5320075730	GB106039023300	Pang
SU1067093870	GB106039022990	Thames (Churn to Coln)
SP4928025430	GB106039037431	Cherwell (Nell Bridge to Bletchingdon)
TQ1780069601	GB106039023232	Thames (Egham to Teddington)
SU2271099330	GB106039030040	Leach (Source to Thames)
SU8771086960	GB106039023880	Wye (High Wycombe fire station to Thames)
SP5250002900	GB106039030334	Thames (Evenlode to Thame)
SP5340003100	GB106039030334	Thames (Evenlode to Thame)
SP4610040190	GB106039037310	Cherwell (Cropredy to Nell Bridge)
SU9030082500	GB106039023231	Thames (Cookham to Egham)
SU5820090000	GB106039023600	Mill Brook and Bradfords Brook system, Wallingford
SP9160015201	GB106039030410	Thame upstream of Aylesbury
TQ3417080200	GB530603911402	THAMES MIDDLE
SP1233014320	GB106039030040	Leach (Source to Thames)
TQ1788074370	GB530603911403	THAMES UPPER
SU7280074500	GB106039030331	Thames Wallingford to Caversham
SU2092090050	GB106039022930	Cole (Acorn Bridge to Bower Bridge)

SP4040002301	GB106039030440	Windrush and tributaries (Little Rissington to Thame
SU3442092910	GB106039023400	Ock (to Cherbury Brook)
SP4818020440	GB106039037431	Cherwell (Nell Bridge to Bletchingdon)
SP4913047010	GB106039037350	Cherwell (Ashby Brook to Cropredy)
SU9970075001	GB106039023231	Thames (Cookham to Egham)
SP5340011500	GB106039029800	Cherwell (Ray to Thames) and Woodeaton Brook
SP5360052130	GB106039042650	Cherwell (Source to Trafford Bridge)

Receiving Water / Environment (common name) (EA Consents Database)	Shellfish Water (only populate for storm overflow with a Shellfish Water EDM requirement)	Bathing Water (only populate for storm overflow with a Bathing Water EDM requirement)	Treatment Method (over & above Storm Tank settlement / screening)
ODHAY HILL DITCH/RIVER THAMES	N/A	N/A	Not Applicable
THAMES	N/A	N/A	Not Applicable
TRIB OF CHERWELL	N/A	N/A	Not Applicable
WINDRUSH & GROUNDWATER	N/A	N/A	Reed bed
RIVER WINDRUSH	N/A	N/A	Not Applicable
Thames	N/A	Wolvercote Mill	Not Applicable
Thames	N/A	N/A	Not Applicable
TRIBUTARY OF RIVER CHERWELL	N/A	N/A	Not Applicable
Thames	N/A	N/A	Not Applicable
RIVER PANG	N/A	N/A	Not Applicable
Thames	N/A	N/A	Not Applicable
TRIBUTARY OF THE RIVER THAMES	N/A	N/A	Reed bed
Cherwell	N/A	N/A	Not Applicable
RIVER THAMES	N/A	N/A	Not Applicable
Thame	N/A	N/A	Not Applicable
TRIBUTARY OF RIVER CHERWELL	N/A	N/A	Not Applicable
Cherwell	N/A	N/A	Not Applicable
Thames	N/A	N/A	Not Applicable
RIVER THAMES	N/A	N/A	Not Applicable
RIVER THAMES	N/A	N/A	Not Applicable
RIVER PANG	N/A	N/A	Not Applicable
TRIBUTARY OF THE RIVER THAMES	N/A	N/A	Not Applicable
Cherwell	N/A	N/A	Not Applicable
Thames	N/A	N/A	Not Applicable
LEACH	N/A	N/A	Not Applicable
RIVER THAMES	N/A	N/A	Not Applicable
Thames	N/A	N/A	Not Applicable
River Thames	N/A	N/A	Not Applicable
RIVER CHERWELL	N/A	N/A	Not Applicable
Thames	N/A	N/A	Not Applicable
River Thames	N/A	N/A	Not Applicable
Thame	N/A	N/A	Not Applicable
RIVER THAMES	N/A	N/A	Not Applicable
RIVER LEACH	N/A	N/A	Reed bed
RIVER THAMES	N/A	N/A	Not Applicable
Thames	N/A	N/A	Not Applicable
TRIBUTARY OF THE RIVER COLE	N/A	N/A	Not Applicable

Windrush	N/A	Wolvercote Mill	Not Applicable
THE RIVER OCK	N/A	N/A	Reed bed
TRIBUTARY OF THE RVER CHERWELL	N/A	N/A	Not Applicable
TRIB OF RIVER CHERWELL	N/A	N/A	Not Applicable
Thames	N/A	N/A	Not Applicable
Cherwell	N/A	N/A	Not Applicable
RIVER CHERWELL	N/A	N/A	Not Applicable

Initial EDM Commission Date	Total Duration (hrs) all spills prior to processing through 12-24h count method	Counted spills using 12-24h count method	Long-term average spill count	No. full years EDM data (years)
Commissioned in 2019 - full year data expected	353.5	38	29.4	4 (installed 2019)
Commissioned in 2020 - full year data expected	129.5	20	21.25	3 (installed 2020)
Commissioned in 2019 - full year data expected	920.75	79	42.8	4 (installed 2019)
Commissioned in 2018 - full year data expected	1565.25	110	62.17	5 (installed 2018)
Commissioned in 2019 - full year data expected	0	0	0	4 (installed 2019)
Commissioned in 2019 - full year data expected	14.25	2	17	4 (installed 2019)
Commissioned in 2019 - full year data expected	408.25	42	41.4	4 (installed 2019)
Commissioned in 2018 - full year data expected	0	0	20.67	5 (installed 2018)
Commissioned in 2020 - full year data expected	1482.75	114	73.5	3 (installed 2020)
Commissioned in 2018 - full year data expected	1461	115	74.17	5 (installed 2018)
Commissioned in 2019 - full year data expected	5.47	5	5	4 (installed 2019)
Commissioned in 2018 - full year data expected	17	4	2.6	5 (installed 2018)
Commissioned in 2018 - full year data expected	1443.5	101	57.67	5 (installed 2018)
Commissioned in 2018 - full year data expected	0.75	1	3	5 (installed 2018)
Commissioned in 2018 - full year data expected	11.8	14	6.5	5 (installed 2018)
Commissioned in 2018 - full year data expected	0	0	0.17	5 (installed 2018)
Commissioned in 2018 - full year data expected	334	20	6.33	5 (installed 2018)
Commissioned in 2018 - full year data expected	1295.75	83	74	5 (installed 2018)
Sep 2023	477.63	31		<1 yr (installed 202
Commissioned in 2018 - full year data expected	271.5	44	28	5 (installed 2018)
Commissioned in 2019 - full year data expected	1.25	1	2.2	4 (installed 2019)
Commissioned in 2018 - full year data expected	688.5	45	24.5	5 (installed 2018)
Commissioned in 2018 - full year data expected	0	0	9.67	5 (installed 2018)
Commissioned in 2019 - full year data expected	17.17	5	4.2	4 (installed 2019)
Commissioned in 2019 - full year data expected	1.53	5	3	4 (installed 2019)
Commissioned in 2018 - full year data expected	39	7	4.5	5 (installed 2018)
Commissioned in 2019 - full year data expected	26.89	30	14.2	4 (installed 2019)
Commissioned in 2019 - full year data expected	18.75	3	12.8	4 (installed 2019)
Commissioned in 2020 - full year data expected	35.75	21	17.25	3 (installed 2020)
Commissioned in 2018 - full year data expected	0	0	0.67	5 (installed 2018)
Commissioned in 2019 - full year data expected	2106	103	60.4	4 (installed 2019)

Commissioned in 2018 - full year data expected	2769	131	33.17	5 (installed 2018)
Commissioned in 2020 - full year data expected	27.5	2	2.75	3 (installed 2020)
Commissioned in 2018 - full year data expected	4	1	1.83	5 (installed 2018)
Commissioned in 2020 - full year data expected	327.75	36	67.25	3 (installed 2020)
Commissioned in 2019 - full year data expected	993.37	87	72.8	4 (installed 2019)
Commissioned in 2020 - full year data expected	215.5	28	18	3 (installed 2020)

EDM Operation - % of reporting period EDM operational	EDM Operation - Reporting % - Primary Reason <90%
100	
99.39	
98.11	
91.73	
96.97	
99.13	
	No longer operational as an overflow - permit revoked or to be revoked
97.44	
	No longer operational as an overflow - permit revoked or to be revoked
99.03	
	No longer operational as an overflow - permit revoked or to be revoked
99.99	
99.82	
97.82	
99.53	
99.52	
99.77	
87.76	Telemetry or data archiving failure / issue
98.87	
99.97	
99.43	
94.22	
96.6	
99.42	
99.76	
99.78	
99.47	
	No longer operational as an overflow - permit revoked or to be revoked
99.99	
	No longer operational as an overflow - permit revoked or to be revoked
	No longer operational as an overflow - permit revoked or to be revoked
99.51	
69.45	Telemetry or data archiving failure / issue
100	
98.26	
98.72	
94.81	

99.73	
100	
99.58	
43.56	Telemetry or data archiving failure / issue
99.63	
	No longer operational as an overflow - permit revoked or to be revoked
99.65	

EDM Operation -
Action taken / planned -
Status & timeframe

Overflow no longer spilling to environment - from Jan

Overflow no longer spilling to environment - from Jan

Overflow no longer spilling to environment - from Jan

N/A - Ongoing investigation

Overflow no longer spilling to environment - from Jan

Overflow no longer spilling to environment - from Jan
Overflow no longer spilling to environment - from Jan

Resolved - Oct

Resolved - Jul

Overflow no longer spilling to environment - from Jan

High Spill Frequency - Operational Review - Primary Reason	High Spill Frequency - Action taken / planned - Status & timeframe
N/A - Ongoing investigation	N/A - Ongoing investigation
Performance - Infiltration	Scheduled
Not asset maintenance - Hydraulic capacity	N/A - Hydraulic capacity
Not asset maintenance - Hydraulic capacity	N/A - Hydraulic capacity
Not asset maintenance - Hydraulic capacity	N/A - Hydraulic capacity
Not asset maintenance - Hydraulic capacity	N/A - Hydraulic capacity
Performance - Infiltration	Scheduled
Not asset maintenance - Hydraulic capacity	N/A - Hydraulic capacity

N/A - Ongoing investigation	N/A - Ongoing investigation
Not asset maintenance - Hydraulic capacity	N/A - Hydraulic capacity
Not asset maintenance - Hydraulic capacity	N/A - Hydraulic capacity

High Spill Frequency - Environmental Enhancement - Planning Position (Hydraulic capacity)	Unique ID
	ThW0001
	ThW0277
Other investigation - non-WINEP/Green Recovery	ThW0016
Stage 1b: Confirmed "asset maintenance" issue	ThW0380
	ThW0036
	ThW0436
	ThW0770
Stage 1c: Confirmed "hydraulic issue"	ThW0052
	ThW0779
	ThW0061
	ThW0781
Stage 1c: Confirmed "hydraulic issue"	ThW0070
Other improvements - WINEP/Green Recovery	ThW0393
	ThW0327
	ThW0076
Stage 1c: Confirmed "hydraulic issue"	ThW0093
	ThW0373
	ThW0412
	ThW0105
	ThW0405
Stage 1b: Confirmed "asset maintenance" issue	ThW0111
	ThW0489
	ThW0202
	ThW0323
	ThW0422
	ThW0141
	ThW0435
	ThW0796
	ThW0372
	ThW0495
	ThW0798
	ThW0371
	ThW0245
	ThW0161
	ThW0336
	ThW0440
Stage 1c: Confirmed "hydraulic issue"	ThW0447

Other investigation - non-WINEP/Green Recovery	ThW0184
	ThW0186
	ThW0453
Stage 1c: Confirmed "hydraulic issue"	ThW0389
Other improvements - non-WINEP/Green Recovery	ThW0180
	ThW0540
	ThW0384

Site Name (EA Consents Database)	EA Permit Reference (EA Consents Database)	WaSC Supplementary Permit Ref. [optional]
ABINGDON SEWAGE TREATMENT WORKS	CTCR.1804	1804
AYLESBURY WWTW	CSSC.0315	COPA/315
BANBURY WASTEWATER TREATMENT WORKS	CTCR.1867	1867
BOURTON-ON-THE-WATER STW	CTCR.2036	2036
BURFORD WASTEWATER TREATMENT WORKS	CTCP.0026	P26
Cassington (New)	TEMP.2457	TEMP.2457
CASTLE EATON	TEMP.2458	TEMP.2458
CHIPPING WARDEN WWTW	CTCR.1793	1793
Church Manorway	TEMP.0681	TEMP.0681
COMPTON SEWAGE TREATMENT WORKS	CAWM.0012	W/WR.12
Crabtree Manorway	TEMP.0770	TEMP.0770
CRICKLADE WWTW	CSSC.2470	COPA/2470
CROPREDY WASTEWATER TREATMENT WORKS	TEMP.2506	TEMP.2506
CSO AT PORTSMOUTH/UXBRIDGE ROAD	TEMP.2843	TEMP.2843
CUDDINGTON WWTW	CSSC.2446	COPA/2446
DORCHESTER WWTW	TEMP.2542	TEMP.2542
EYDON WASTEWATER TREATMENT WORKS	CSSC.1370	COPA/1370
FARINGDON STW, FARINGDON, BERKS	CSSC.2343	COPA/2343
Fergusson Road, Banbury	TEMP.2606	TEMP.2606
Friday Street, Henley	TEMP.1003	TEMP.1003
GORING WASTEWATER TREATMENT WORKS	TEMP.2616	TEMP.2616
HAMBLEDON SEWAGE TREATMENT WORKS	CAWM.0193	W/WR193
HAMPSTEAD NORREYS WWTW	TEMP.2647	TEMP.2647
HATCHETTS SPS	EPRFB3198F	EPR/FB3198
HEYFORD WASTEWATER TREATMENT WORKS	TEMP.2658	TEMP.2658
Kingston Main	TEMP.1273	TEMP.1273
LECHLADE STW	CTCR.1797	1797
LITTLE MARLOW STW (WOOBURNVALLEY)	CNTD.0058	D58
Littlemore Low Level	TEMP.1358	TEMP.1358
Long Lane	TEMP.1375	TEMP.1375
LOWER CHERWELL ST WPS, BANBURY	CATM.3189	WR3189
Lower Cookham Rd Car Park	TEMP.1396	TEMP.1396
Mackney Lane (Main)	TEMP.1434	TEMP.1434
Manor Road	TEMP.1453	TEMP.1453
Marsworth	TEMP.2766	TEMP.2766
NIGHTINGALE LANE CSO	TEMP.2819	TEMP.2819
NORTHLEACH WWTW	CNTD.0012	D.12
Reading, Caversham	TEMP.1769	TEMP.1769
SEVENHAMPTON VILLAGE WWTW	CSSC.1425	COPA/1425
Standlake	TEMP.2906	TEMP.2906
STANFORD IN THE VALE STW	CSSC.2317	COPA/2317

TACKLEY SPS	CAWM.0638	W/WR638
WARDINGTON PUMPING STATION, WARDING	CTCR.1833	1833
WILLINGALE WWTW	CSSC.1456	COPA/1456
Windsor	TEMP.3014	TEMP.3014
Woodeaton STW Pumping Station	TEMP.2292	TEMP.2292
WOODFORD HALSE SEWAGE PUMPING STATI	CTCR.1853	1853

Activity Reference on Permit	Storm Discharge Asset Type	Outlet Discharge NGR (EA Consents Database)
A3	Storm tank at WwTW	SU4933095090
(Non-EPR) - Storm Discharge	Storm tank at WwTW	SP7899014850
(Non-EPR) - Storm Discharge	Storm tank at WwTW	SP4730040100
(Non-EPR) - Storm Discharge	SO on sewer network - with treatmen	SP1780018800
A2	Storm tank at WwTW	SP2565012270
(Non-EPR) - Storm Discharge	Storm tank at WwTW	SP4660010100
(Non-EPR) - Storm discharge	Storm tank at WWTW	SU1510096201
A2	Storm tank at WwTW	SP5000048150
(Non-EPR) - Storm discharge	Storm discharge at pumping station	TQ5060079400
1 discharge - storm	Storm tank at WwTW	SU5260079000
(Non-EPR) - Storm discharge	Storm discharge at pumping station	TQ5010079800
1 discharge - storm	Storm tank at WwTW - with treatmen	SU1057094010
1 discharge - storm	Storm tank at WwTW	SP4694046210
1 discharge - storm	SO on sewer network	TQ1767068010
1 discharge - storm	Storm tank at WwTW - with treatmen	SP7380011960
1 discharge - storm	Storm tank at WwTW	SU5801093700
A2	Storm tank at WwTW	SP5451050190
(Non-EPR) - Storm Discharge	Storm tank at WwTW - with treatmen	SU2790096400
1 discharge - storm	SO on sewer network	SP4616041200
(Non-EPR) - Storm sewage	Storm discharge at pumping station	SU7630082700
1 discharge - storm	Storm tank at WwTW	SU6020082901
1 discharge - storm	Storm tank at WwTW	SU7861084770
1 discharge - storm	Storm tank at WwTW	SU5320075730
A1 - Storm sewage	Storm discharge at pumping station	SU1067093870
1 discharge - storm	Storm tank at WwTW	SP4928025430
(Non-EPR) - Storm sewage	Storm discharge at pumping station	TQ1780069601
A2	Storm tank at WwTW	SU2271099330
(Non-EPR) - Storm sewage	Storm tank at WwTW	SU8771086960
(Non-EPR) - Storm sewage	Storm discharge at pumping station	SP5250002900
(Non-EPR) - Storm discharge	Storm discharge at pumping station	SP5340003100
Schedule No.1	Storm discharge at pumping station	SP4610040190
(Non-EPR) - Storm discharge	Storm discharge at pumping station	SU9030082500
(Non-EPR) - Storm discharge	Storm discharge at pumping station	SU5820090000
(Non-EPR) - Storm discharge	Storm discharge at pumping station	TQ5230077702
(Non-EPR) - Storm sewage	Storm discharge at pumping station	SP9160015201
1 discharge - storm	SO on sewer network	TQ3417080200
A2	Storm tank at WwTW - with treatmen	SP1233014320
(Non-EPR) - Storm sewage	Storm discharge at pumping station	SU7280074500
A2	Storm tank at WwTW	SU2092090050
(Non-EPR) - Storm Discharge	Storm tank at WwTW	SP4040002301
(Non-EPR) - Storm Discharge	Storm tank at WwTW - with treatmen	SU3430092900

A1 - storm sewage	Storm discharge at pumping station	SP4818020440
A1 - storm sewage	Storm discharge at pumping station	SP4913047010
A2	Storm tank at WwTW	TL5895007070
(Non-EPR) - Storm Discharge	Storm tank at WwTW	SU9970075001
(Non-EPR) - Storm discharge	Storm discharge at pumping station	SP5340011500
A1 - storm sewage	Storm discharge at pumping station	SP5350052000

WFD Waterbody ID (Cycle 2) (discharge outlet)	WFD Waterbody Catchment Name (Cycle 2) (discharge outlet)
GB106039030334	Thames (Evenlode to Thame)
GB106039030380	Bear Brook and Wendover Brook
GB106039037310	Cherwell (Cropredy to Nell Bridge)
GB106039030480	Windrush (Slade Barn Stream to Dikler)
GB106039030440	Windrush and tributaries (Little Rissington to Thame
GB106039030334	Thames (Evenlode to Thame)
GB106039022990	Thames (Churn to Coln)
GB106039037350	Cherwell (Ashby Brook to Cropredy)
GB530603911402	Thames Middle
GB106039023300	Pang
GB530603911402	Thames Middle
GB106039022990	Thames (Churn to Coln)
GB106039037310	Cherwell (Cropredy to Nell Bridge)
GB106039023232	Thames (Egham to Teddington)
GB106039030370	Thame (Aylesbury to Scotsgrove Brook)
GB106039030240	Thame (Scotsgrove Brook to Thames)
GB106039037360	Ashby Brook (Source to Cherwell)
GB106039030333	Thames (Leach to Evenlode)
GB106039037310	Cherwell (Cropredy to Nell Bridge)
GB106039023233	Thames (Reading to Cookham)
GB106039030331	Thames Wallingford to Caversham
GB106039023233	Thames (Reading to Cookham)
GB106039023300	Pang
GB106039022990	Thames (Churn to Coln)
GB106039037431	Cherwell (Nell Bridge to Bletchingdon)
GB106039023232	Thames (Egham to Teddington)
GB106039030040	Leach (Source to Thames)
GB106039023233	Thames (Reading to Cookham)
GB106039030334	Thames (Evenlode to Thame)
GB106039030334	Thames (Evenlode to Thame)
GB106039037310	Cherwell (Cropredy to Nell Bridge)
GB106039023231	Thames (Cookham to Egham)
GB106039023600	Mill Brook and Bradfords Brook system, Wallingford
GB530603911402	THAMES MIDDLE
GB106039030410	Thame upstream of Aylesbury
GB530603911402	THAMES MIDDLE
GB106039030040	Leach (Source to Thames)
GB106039030331	Thames Wallingford to Caversham
GB106039022930	Cole (Acorn Bridge to Bower Bridge)
GB106039030440	Windrush and tributaries (Little Rissington to Thame
GB106039023400	Ock (to Cherbury Brook)

GB106039037431	Cherwell (Nell Bridge to Bletchingdon)
GB106039037350	Cherwell (Ashby Brook to Cropredy)
GB106037033500	Upper Roding (to Cripsey Brook)
GB106039023231	Thames (Cookham to Egham)
GB106039029800	Cherwell (Ray to Thames) and Woodeaton Brook
GB106039042650	Cherwell (Source to Trafford Bridge)

Receiving Water / Environment (common name) (EA Consents Database)	Shellfish Water (only populate for storm overflow with a Shellfish Water EDM requirement)	Bathing Water (only populate for storm overflow with a Bathing Water EDM requirement)
ODHAY HILL DITCH/RIVER THAMES	N/A	N/A
Thame	N/A	N/A
TRIB OF CHERWELL	N/A	N/A
WINDRUSH & GROUNDWATER	N/A	N/A
RIVER WINDRUSH	N/A	N/A
Thames	N/A	Wolvercote Mill Strean
THAMES	N/A	N/A
TRIBUTARY OF RIVER CHERWELL	N/A	N/A
THAMES	N/A	N/A
RIVER PANG	N/A	N/A
THAMES	N/A	N/A
TRIBUTARY OF THE RIVER THAMES	N/A	N/A
Cherwell	N/A	N/A
RIVER THAMES	N/A	N/A
Thame	N/A	N/A
Thame	N/A	N/A
TRIBUTARY OF RIVER CHERWELL	N/A	N/A
TRIB OF THAMES	N/A	N/A
Cherwell	N/A	N/A
Thames	N/A	N/A
RIVER THAMES	N/A	N/A
RIVER THAMES	N/A	N/A
RIVER PANG	N/A	N/A
TRIBUTARY OF THE RIVER THAMES	N/A	N/A
Cherwell	N/A	N/A
Thames	N/A	N/A
LEACH	N/A	N/A
RIVER THAMES	N/A	N/A
Thames	N/A	N/A
RIVER THAMES	N/A	N/A
RIVER CHERWELL	N/A	N/A
THAMES	N/A	N/A
RIVER THAMES	N/A	N/A
THAMES	N/A	N/A
Thame	N/A	N/A
Thames	N/A	N/A
RIVER LEACH	N/A	N/A
Thames	N/A	N/A
TRIBUTARY OF THE RIVER COLE	N/A	N/A
Windrush	N/A	Wolvercote Mill Strean
TRIB OF OCK	N/A	N/A

TRIBUTARY OF THE RVER CHERWELL	N/A	N/A
TRIB OF CHERWELL	N/A	N/A
TRIB OF RIVER CHERWELL	N/A	N/A
Thames	N/A	N/A
CHERWELL	N/A	N/A
CHERWELL	N/A	N/A

Treatment Method (over & above Storm Tank settlement / screening)	Initial EDM Commission Date	Total Duration (hrs) all spills prior to processing through 12-24h count method	Counted spills using 12-24h count method
Not Applicable	Commissioned in 2019 - full year data expected	0	0
Not Applicable	Commissioned in 2020 - full year data expected	7.28	2
Not Applicable	Commissioned in 2019 - full year data expected	245.88	30
Reed bed	Commissioned in 2018 - full year data expected	167.63	20
Not Applicable	Commissioned in 2019 - full year data expected	0	0
Not Applicable	Commissioned in 2019 - full year data expected	0	0
Not Applicable	N/A		
Not Applicable	Commissioned in 2019 - full year data expected	97.24	42
Not Applicable	N/A		
Not Applicable	Commissioned in 2018 - full year data expected	0	0
Not Applicable	N/A		
Reed bed	Commissioned in 2020 - full year data expected	297.25	56
Not Applicable	Commissioned in 2018 - full year data expected	448.58	44
Not Applicable	Commissioned in 2019 - full year data expected	2.71	3
Reed bed	Commissioned in 2020 - full year data expected	62.16	4
Not Applicable	Commissioned in 2018 - full year data expected	0	0
Not Applicable	Commissioned in 2018 - full year data expected	428.71	45
Reed bed	Commissioned in 2020 - full year data expected	88.74	59
Not Applicable	Commissioned in 2018 - full year data expected	0	0
Not Applicable	Commissioned in 2018 - full year data expected	0.42	1
Not Applicable	Commissioned in 2018 - full year data expected	0	0
Not Applicable	Commissioned in 2018 - full year data expected	0	0
Not Applicable	Commissioned in 2018 - full year data expected	0	0
Not Applicable	EDM to be installed by December 2023		
Not Applicable	Commissioned in 2018 - full year data expected	57.24	11
Not Applicable	Commissioned in 2019 - full year data expected	0.76	1
Not Applicable	Commissioned in 2018 - full year data expected	14.16	3
Not Applicable	Commissioned in 2018 - full year data expected	0	0
Not Applicable	Commissioned in 2019 - full year data expected	0	0
Not Applicable	N/A		
Not Applicable	Commissioned in 2019 - full year data expected	5.29	6
Not Applicable	N/A		
Not Applicable	N/A		
Not Applicable	N/A		
Not Applicable	Commissioned in 2018 - full year data expected	0	0
Not Applicable	Commissioned in 2019 - full year data expected	2.99	4
Reed bed	Commissioned in 2019 - full year data expected	0	0
Not Applicable	Commissioned in 2018 - full year data expected	0	0
Not Applicable	Commissioned in 2019 - full year data expected	629.02	36
Not Applicable	Commissioned in 2018 - full year data expected	133.81	10
Reed bed	Commissioned in 2020 - full year data expected	1.74	2

Not Applicable	Commissioned in 2018 - full year data expected	0	0
Not Applicable	Commissioned in 2020 - full year data expected	185.44	43
Not Applicable	Commissioned in 2019 - full year data expected	615.08	45
Not Applicable	Commissioned in 2019 - full year data expected	378.41	44
Not Applicable	N/A		
Not Applicable	Commissioned in 2020 - full year data expected	119.79	16

EDM Operation - % of reporting period EDM operational	EDM Operation - Reporting % - Primary Reason <90%
99.69%	
69.64%	Comms failure / issue
97.80%	
80.38%	Comms failure / issue
100.00%	
99.99%	
	No longer operational as an overflow - permit revoked or to be revoked
96.47%	
	No longer operational as an overflow - permit revoked or to be revoked
99.99%	
	No longer operational as an overflow - permit revoked or to be revoked
84.15%	Sensor failure / issue
100.00%	
98.08%	
100.00%	
100.00%	
97.59%	
100.00%	
70.17%	Sensor failure / issue
72.41%	Telemetry or data archiving failure / issue
100.00%	
100.00%	
99.71%	
95.21%	
99.99%	
100.00%	
100.00%	
99.75%	
	No longer operational as an overflow - permit revoked or to be revoked
100.00%	
	No longer operational as an overflow - permit revoked or to be revoked
	No longer operational as an overflow - permit revoked or to be revoked
	No longer operational as an overflow - permit revoked or to be revoked
100.00%	
63.03%	Installation set-up/design issue
100.00%	
99.95%	
99.98%	
100.00%	
100.00%	

99.28%

78.33% Sensor failure / issue

99.94%

99.70%

No longer operational as an overflow - permit revoked or to be revoked

99.95%

EDM Operation -
Action taken / planned -
Status & timeframe

Resolved - February after reporting year

Resolved - Aug

Overflow no longer spilling to environment - from Jan

Overflow no longer spilling to environment - from Jan

Overflow no longer spilling to environment - from Jan
Resolved - Aug

Resolved - Sep
N/A - Ongoing investigation

Overflow no longer spilling to environment - from Jan

Overflow no longer spilling to environment - from Jan
Overflow no longer spilling to environment - from Jan
Overflow no longer spilling to environment - from Jan

Overflow no longer spilling to environment - from Jan

Resolved - Apr

Overflow no longer spilling to environment - from Jan

High Spill Frequency - Operational Review - Primary Reason	High Spill Frequency - Action taken / planned - Status & timeframe
Performance - GW inundation	Scheduled
Performance - Asset configuration (e.g. PS/rising main/storm tanks)	N/A - Ongoing investigation
Performance - GW inundation	Scheduled
Performance - Asset configuration (e.g. PS/rising main/storm tanks)	Scheduled
Not asset maintenance - Hydraulic capacity	N/A - Hydraulic capacity
Not asset maintenance - Hydraulic capacity	N/A - Hydraulic capacity
Not asset maintenance - Hydraulic capacity	N/A - Hydraulic capacity
Not asset maintenance - Hydraulic capacity	N/A - Hydraulic capacity
Performance - GW inundation	Scheduled
Not asset maintenance - Hydraulic capacity	N/A - Hydraulic capacity

Not asset maintenance - Hydraulic capacity	N/A - Hydraulic capacity
Performance - Asset configuration (e.g. PS/rising main/storm tanks)	Scheduled
Not asset maintenance - Hydraulic capacity	N/A - Hydraulic capacity

High Spill Frequency -
Environmental Enhancement -
Planning Position (Hydraulic capacity)

Stage 1b: Confirmed "asset maintenance" issue

Stage 1b: Confirmed "asset maintenance" issue

Stage 1b: Confirmed "asset maintenance" issue

Stage 1b: Confirmed "asset maintenance" issue
U_INV driver - Stage 4: Cost beneficial outcome not yet determined

Stage 1c: Confirmed "hydraulic issue"

Stage 1c: Confirmed "hydraulic issue"
Stage 1c: Confirmed "hydraulic issue"

Stage 1b: Confirmed "asset maintenance" issue

Stage 1c: Confirmed "hydraulic issue"

Stage 1c: Confirmed "hydraulic issue"
Other improvements - non-WINEP/Green Recovery
Stage 1c: Confirmed "hydraulic issue"

Site Name (EA Consents Database)	EA Permit Reference (EA Consents Database)	WaSC Supplementary Permit Ref. [optional]
ABINGDON SEWAGE TREATMENT WORKS	CTCR.1804	1804
Acton P/S and storm	TEMP.0312	TEMP.0312
Aylesbury (900mm)	TEMP.2363	TEMP.2363
BANBURY WASTEWATER TREATMENT WORKS	CTCR.1867	1867
BOURTON-ON-THE-WATER STW	CTCR.2036	2036
BURFORD WASTEWATER TREATMENT WORKS	CTCP.0026	P26
Cassington (New)	TEMP.2457	TEMP.2457
CHIPPING WARDEN WWTW	CTCR.1793	1793
COMPTON SEWAGE TREATMENT WORKS	CAWM.0012	W/WR.12
CRICKLADE WWTW	CSSC.2470	TEMP.2504
CROPREDY WASTEWATER TREATMENT WORKS	TEMP.2506	TEMP.2506
CSO AT PORTSMOUTH/UXBRIDGE ROAD	TEMP.2843	TEMP.2843
CUDDINGTON WWTW	TEMP.2510	TEMP.2510
DORCHESTER WWTW	TEMP.2542	TEMP.2542
EYDON WASTEWATER TREATMENT WORKS	CSSC.1370	COPA/1370
FARINGDON STW, FARINGDON, BERKS	CTCR.1077	1077
Fergusson Road, Banbury	TEMP.2606	TEMP.2606
Friday Street, Henley	TEMP.1003	TEMP.1003
GORING WASTEWATER TREATMENT WORKS	TEMP.2616	TEMP.2616
HAMBLEDON SEWAGE TREATMENT WORKS	CAWM.0193	W/WR193
HAMPSTEAD NORREYS WWTW	TEMP.2647	TEMP.2647
HEYFORD WASTEWATER TREATMENT WORKS	TEMP.2658	TEMP.2658
Kingston Main	TEMP.1273	TEMP.1273
LECHLADE STW	CTCR.1797	1797
LITTLE MARLOW STW (WOOBURNVALLEY)	CNTD.0058	D58
Littlemore Low Level	TEMP.1358	TEMP.1358
LOWER CHERWELL ST WPS, BANBURY	CATM.3189	WR3189
Marsworth	TEMP.2766	TEMP.2766
NIGHTINGALE LANE CSO	TEMP.2819	TEMP.2819
NORTHLEACH WWTW	CNTD.0012	D.12
Reading, Caversham	TEMP.1769	TEMP.1769
SEVENHAMPTON VILLAGE WWTW	CSSC.1425	COPA/1425
Standlake	TEMP.2906	TEMP.2906
STANFORD IN THE VALE STW	CSSC.2317	COPA/2317
TACKLEY SPS	CAWM.0638	W/WR638
WARDINGTON PUMPING STATION, WARDING	CTCR.1833	1833

WILLINGALE WWTW	CSSC.1456	COPA/1456
Windsor	TEMP.3014	TEMP.3014
WOODFORD HALSE SEWAGE PUMPING STATI	CTCR.1853	1853

Activity Reference on Permit (if >1 discharge on permit)	Storm Discharge Asset Type	Outlet Discharge NGR (EA Consents Database)	WFD Waterbody ID (Cycle 2) (discharge outlet)
A3	Storm tank at WwTW	SU4933095090	GB106039030334
(Non-EPR) - Storm sewage	Storm discharge at pumping station	TQ2120080000	131
(Non-EPR) - Storm Discharge	Storm tank at WwTW	SP7860014600	GB106039030380
(Non-EPR) - Storm Discharge	Storm tank at WwTW	SP4730040100	GB106039037310
(Non-EPR) - Storm Discharge	SO on sewer network	SP1762019070	GB106039030480
A2	Storm tank at WwTW	SP2565012270	GB106039030440
(Non-EPR) - Storm Discharge	Storm tank at WwTW	SP4660010100	GB106039030334
A2	Storm tank at WwTW	SP5000048150	GB106039037350
1 discharge - storm	Storm tank at WwTW	SU5260079000	GB106039023300
1 discharge - storm	Storm tank at WwTW	SU1067093860	GB106039022990
1 discharge - storm	Storm tank at WwTW	SP4694046210	GB106039037310
1 discharge - storm	SO on sewer network	TQ1767068010	GB106039023232
1 discharge - storm	Storm tank at WwTW	SP7380011960	GB106039030370
1 discharge - storm	Storm tank at WwTW	SU5801093700	GB106039030240
A2	Storm tank at WwTW	SP5451050190	GB106039037360
(Non-EPR) - Storm Discharge	Storm tank at WwTW	SU2790096400	GB106039030333
1 discharge - storm	SO on sewer network	SP4616041200	GB106039037310
(Non-EPR) - Storm sewage	Storm discharge at pumping station	SU7630082700	GB106039023233
1 discharge - storm	Storm tank at WwTW	SU6020082901	GB106039030331
1 discharge - storm	Storm tank at WwTW	SU7861084770	GB106039023233
1 discharge - storm	Storm tank at WwTW	SU5320075730	GB106039023300
1 discharge - storm	Storm tank at WwTW	SP4928025430	GB106039037431
(Non-EPR) - Storm sewage	Storm discharge at pumping station	TQ1780069601	GB106039023232
A2	Storm tank at WwTW	SU2271099330	GB106039030040
(Non-EPR) - Storm sewage	Storm tank at WwTW	SU8771086960	GB106039023233
(Non-EPR) - Storm sewage	Storm discharge at pumping station	SP5250002900	GB106039030334
Schedule No.1	Storm discharge at pumping station	SP4610040190	GB106039037310
(Non-EPR) - Storm sewage	Storm discharge at pumping station	SP9160015201	GB106039030410
1 discharge - storm	SO on sewer network	TQ3417080200	GB530603911402
A2	Storm tank at WwTW	SP1233014320	GB106039030040
(Non-EPR) - Storm sewage	Storm discharge at pumping station	SU7280074500	GB106039030331
A2	Storm tank at WwTW	SU2092090050	GB106039022930
(Non-EPR) - Storm Discharge	Storm tank at WwTW	SP4040002301	GB106039030440
(Non-EPR) - Storm Discharge	Storm tank at WwTW	SU3430092900	GB106039023400
A1 - storm sewage	Storm discharge at pumping station	SP4818020440	GB106039037431
A1 - storm sewage	Storm discharge at pumping station	SP4910047100	GB106039037350

A2	Storm tank at WwTW	TL5895007070	GB106037033500
(Non-EPR) - Storm Discharge	Storm tank at WwTW	SU9970075001	GB106039023231
A1 - storm sewage	Storm discharge at pumping station	SP5350052000	GB106039042650

WFD Waterbody Catchment Name (Cycle 2) (discharge outlet)	Receiving Water / Environment (common name) (EA Consents Database)
Thames (Evenlode to Thame)	ODHAY HILL DITCH/RIVER THAMES
#N/A	THAMES
Bear Brook and Wendover Brook	Thame
Cherwell (Cropredy to Nell Bridge)	TRIB OF CHERWELL
Windrush (Slade Barn Stream to Dikler)	WINDRUSH & GROUNDWATER
Windrush and tributaries (Little Rissington to Thames)	RIVER WINDRUSH
Thames (Evenlode to Thame)	Thames
Cherwell (Ashby Brook to Cropredy)	TRIBUTARY OF RIVER CHERWELL
Pang	RIVER PANG
Thames (Churn to Coln)	TRIBUTARY OF THE RIVER THAMES
Cherwell (Cropredy to Nell Bridge)	Cherwell
Thames (Egham to Teddington)	RIVER THAMES
Thame (Aylesbury to Scotsgrove Brook)	Thame
Thame (Scotsgrove Brook to Thames)	Thame
Ashby Brook (Source to Cherwell)	TRIBUTARY OF RIVER CHERWELL
Thames (Leach to Evenlode)	TRIB OF THAMES
Cherwell (Cropredy to Nell Bridge)	Cherwell
Thames (Reading to Cookham)	Thames
Thames Wallingford to Caversham	RIVER THAMES
Thames (Reading to Cookham)	RIVER THAMES
Pang	RIVER PANG
Cherwell (Nell Bridge to Bletchingdon)	Cherwell
Thames (Egham to Teddington)	Thames
Leach (Source to Thames)	LEACH
Thames (Reading to Cookham)	RIVER THAMES
Thames (Evenlode to Thame)	Thames
Cherwell (Cropredy to Nell Bridge)	RIVER CHERWELL
Thame upstream of Aylesbury	Thame
THAMES MIDDLE	Thames
Leach (Source to Thames)	RIVER LEACH
Thames Wallingford to Caversham	Thames
Cole (Acorn Bridge to Bower Bridge)	TRIBUTARY OF THE RIVER COLE
Windrush and tributaries (Little Rissington to Thames)	Windrush
Ock (to Cherbury Brook)	TRIB OF OCK
Cherwell (Nell Bridge to Bletchingdon)	TRIBUTARY OF THE RVER CHERWELL
Cherwell (Ashby Brook to Cropredy)	TRIB OF CHERWELL

Upper Roding (to Cripsey Brook)	TRIB OF RIVER CHERWELL
Thames (Cookham to Egham)	Thames
Cherwell (Source to Trafford Bridge)	CHERWELL

Shellfish Water (only populate for storm overflow with a Shellfish Water EDM requirement)	Bathing Water (only populate for storm overflow with a Bathing Water EDM requirement)	Initial EDM Commission Date	Total Duration (hrs) all spills prior to processing through 12-24h count method
0	0	Commissioned in 2019 - full year data expected	380.95
0	0	Commissioned in 2020 - full year data expected	215.95
0	0	Commissioned in 2020 - full year data expected	234.95
0	0	Commissioned in 2019 - full year data expected	314.56
0	0	Commissioned in 2018 - full year data expected	1085.22
0	0	Commissioned in 2019 - full year data expected	0.00
0	0	Commissioned in 2019 - full year data expected	383.57
0	0	Commissioned in 2019 - full year data expected	607.01
0	0	Commissioned in 2018 - full year data expected	1110.21
0	0	Commissioned in 2020 - full year data expected	549.00
0	0	Commissioned in 2018 - full year data expected	1095.61
0	0	Commissioned in 2019 - full year data expected	10.45
0	0	Commissioned in 2020 - full year data expected	1931.12
0	0	Commissioned in 2018 - full year data expected	109.99
0	0	Commissioned in 2018 - full year data expected	801.01
0	0	Commissioned in 2020 - full year data expected	131.93
0	0	Commissioned in 2018 - full year data expected	0.00
0	0	Commissioned in 2018 - full year data expected	323.89
0	0	Commissioned in 2018 - full year data expected	0.00
0	0	Commissioned in 2018 - full year data expected	0.46
0	0	Commissioned in 2018 - full year data expected	2622.34
0	0	Commissioned in 2018 - full year data expected	267.35
0	0	Commissioned in 2019 - full year data expected	10.90
0	0	Commissioned in 2018 - full year data expected	597.61
0	0	Commissioned in 2018 - full year data expected	464.69
0	0	Commissioned in 2019 - full year data expected	72.74
0	0	Commissioned in 2019 - full year data expected	1.01
0	0	Commissioned in 2018 - full year data expected	66.45
0	0	Commissioned in 2019 - full year data expected	6.21
0	0	Commissioned in 2019 - full year data expected	445.74
0	0	Commissioned in 2018 - full year data expected	0.00
0	0	Commissioned in 2019 - full year data expected	519.75
0	0	Commissioned in 2018 - full year data expected	888.10
0	0	Commissioned in 2020 - full year data expected	16.19
0	0	Commissioned in 2018 - full year data expected	0.70
0	0	Commissioned in 2020 - full year data expected	1927.88

0	0	Commissioned in 2019 - full year data expected	1144.58
0	0	Commissioned in 2019 - full year data expected	744.07
0	0	Commissioned in 2020 - full year data expected	134.47

Counted spills using 12-24h count method	EDM Operation - % of reporting period EDM operational	EDM Operation - Reporting % - Primary Reason <90%	EDM Operation - Action taken / planned - Status & timeframe
26	100.00		
34	98.41		
20	99.61		
34	96.14		
58	87.39	Comms failure / issue	Resolved - September
0	98.28		
28	100.00		
66	98.01		
60	97.75		
72	97.83		
76	97.59		
7	85.66	Comms failure / issue	Resolved - July
90	98.22		
9	99.36		
73	94.92		
70	98.48		
0	90.93		
17	66.03	Sensor failure / issue	Resolved - June
0	98.08		
2	96.44		
153	97.89		
27	94.79		
6	97.10		
35	97.85		
27	98.08		
10	97.87		
2	97.73		
8	97.82		
17	82.27	Comms failure / issue	N/A - Ongoing investigation
50	98.75		
0	97.33		
29	90.59		
40	99.65		
4	97.54		
1	95.07		
135	98.79		

62	97.91
70	96.76
16	99.50

High Spill Frequency - Operational Review - Primary Reason

Performance - Infiltration

Performance - Infiltration

Performance - Asset configuration (e.g. PS/rising main/storm tanks)
Performance - Infiltration
Performance - Asset configuration (e.g. PS/rising main/storm tanks)
Not asset maintenance - Hydraulic capacity

Not asset maintenance - Hydraulic capacity

Not asset maintenance - Hydraulic capacity
Not asset maintenance - Hydraulic capacity

Performance - Infiltration

Performance - Asset configuration (e.g. PS/rising main/storm tanks)

Not asset maintenance - Hydraulic capacity

Performance - Infiltration

Performance - Infiltration

Performance - Asset configuration (e.g. PS/rising main/storm tanks)
Not asset maintenance - Hydraulic capacity

High Spill Frequency - Action taken / planned - Status & timeframe
N/A - Ongoing investigation
N/A - Ongoing investigation
N/A - Ongoing investigation N/A - Ongoing investigation N/A - Ongoing investigation N/A - Ongoing investigation
N/A - Ongoing investigation
N/A - Ongoing investigation N/A - Ongoing investigation
N/A - Ongoing investigation
Resolved - January
N/A - Ongoing investigation
N/A - Ongoing investigation
N/A - Ongoing investigation

Scheduled
N/A - Ongoing investigation

High Spill Frequency -
Environmental Enhancement -
Planning Position (Hydraulic capacity)

U_INV driver - Stage 2 or 3: Environmental / UWWTR assessments or improvement options

Stage 1b: Confirmed "asset maintenance" issue

U_INV driver - Stage 2 or 3: Environmental / UWWTR assessments or improvement options
Stage 1b: Confirmed "asset maintenance" issue
U_IMP4 driver - Stage 4: Spill reduction scheme - On current WINEP/AMP7 or Green Recov
U_INV driver - Stage 2 or 3: Environmental / UWWTR assessments or improvement options

U_INV driver - Stage 2 or 3: Environmental / UWWTR assessments or improvement options

U_INV driver - Stage 2 or 3: Environmental / UWWTR assessments or improvement options
U_IMP4 driver - Stage 4: Potential spill reduction scheme - Not yet on current WINEP/AMP7

Stage 1b: Confirmed "asset maintenance" issue

N/A - Operational solution applied

U_INV driver - Stage 2 or 3: Environmental / UWWTR assessments or improvement options

U_INV driver - Stage 2 or 3: Environmental / UWWTR assessments or improvement options

U_INV driver - Stage 2 or 3: Environmental / UWWTR assessments or improvement options

U_IMP4 driver - Stage 4: Spill reduction scheme - On current WINEP/AMP7 or Green Recov
U_INV driver - Stage 2 or 3: Environmental / UWWTR assessments or improvement options

or Green Recovery

Site Name	Permit No.
ABINGDON STW	CTCR.1804
ACTON STORM TANKS TQ21793507 CSO	TEMP.0312
AYLESBURY	TEMP.2363
BANBURY STW	CTCR.1867
BOURTON ON THE WATER SP17193803 CSO	CETR.2036
BURFORD MEADOW END STW	CTCP.0026
CASSINGTON STW	TEMP.2457
CAVERSHAM SPS	TEMP.1769
CHERWELL STREET SPS	CATM.3189.
CHIPPING WARDEN STW	CTCR.1793
COMPTON STW	CAWM.0012
CRICKLADE	TEMP.2504
CROPREDY STW	TEMP.2506
CUDDINGTON STW	TEMP.2510
DORCHESTER STW	TEMP.2542
EYDON STW	CSSC.1370
FARINGDON STW	CTCR.1077
FERGUSSON ROAD SP46411153 CSO	TEMP.2606
FRIDAY STREET SU76823501 CSO	TEMP.1003
GORING STW	TEMP.2616
HAMBLEDEN STW	CAWM.0193
HAMPSTEAD NORREYS STW	TEMP.2647
HEYFORD STW	TEMP.2658
KINGSTON MAIN SPS	TEMP.1273
LECHLADE STW	CTCR.1797
LITTLE MARLOW STW	CNTD.0058
LITTLEMORE SPS	TEMP.1358
MARSWORTH SPS	TEMP.2766
NIGHTINGALE LANE TQ34801209 CSO	TEMP.2819
NORTHLEACH STW	CNTD.0012
PORTSMOUTH ROAD TQ1768601A CSO	TEMP.2843
SEVENHAMPTON STW	CSSC.1425
STANDLAKE STW	TEMP.2906
STANFORD HIGH STREET STW	CTCR.1932
TACKLEY TSPS	CAWM.0638
WARDINGTON TSPS	CTCR.1833
WILLINGALE STW	CSSC.1456
WINDSOR STW	TEMP.3014
WOODFORD HALSE TSPS	CTCR.1853

WFD Waterbody Catchment Name (Cycle 2) (discharge outlet)	Receiving Water / Environment (common name) (EA Consents Database)	Total Duration (hours) of all spills prior to processing through 12-24 hour counting method
Thames (Evenlode to Thame)	ODHAY HILL DITCH/RIVER THAMES	172.59
THAMES UPPER	THAMES	33.66
Bear Brook and Wendover Brook	Thame	151.67
Cherwell (Cropredy to Nell Bridge)	TRIB OF CHERWELL	288.39
Dikler (Wyck Rissington to Windrush) a	WINDRUSH & GROUNDWATER	1636.10
Windrush and tributaries (Little Rissing	RIVER WINDRUSH	0.00
Thames (Evenlode to Thame)	Thames	208.70
Thames Wallingford to Caversham	Thames	0.00
Cherwell (Cropredy to Nell Bridge)	RIVER CHERWELL	1.12
Cherwell (Ashby Brook to Cropredy)	TRIBUTARY OF RIVER CHERWELL	261.76
Pang	RIVER PANG	1100.40
Thames (Churn to Coln)	TRIBUTARY OF THE RIVER THAMES	475.43
Cherwell (Cropredy to Nell Bridge)	Cherwell	1268.10
Thame (Aylesbury to Scotsgrove Brook)	Thame	589.55
Thame (Scotsgrove Brook to Thames)	Thame	0.00
Ashby Brook (Source to Cherwell)	TRIBUTARY OF RIVER CHERWELL	670.36
Thames (Leach to Evenlode)	TRIB OF THAMES	127.89
Cherwell (Cropredy to Nell Bridge)	Cherwell	0.00
Thames (Reading to Cookham)	Thames	7.77
Thames Wallingford to Caversham	RIVER THAMES	0.00
Thames (Reading to Cookham)	RIVER THAMES	34.17
Pang	RIVER PANG	4111.95
Cherwell (Nell Bridge to Bletchingdon)	Cherwell	281.33
Thames (Egham to Teddington)	Thames	6.25
Leach (Source to Thames)	LEACH	845.12
Wye (High Wycombe fire station to Tha	RIVER THAMES	85.11
Thames (Evenlode to Thame)	Thames	14.00
Thame upstream of Aylesbury	Thame	43.03
THAMES MIDDLE	RIVER THAMES	10.61
Leach (Source to Thames)	RIVER LEACH	65.24
Thames (Egham to Teddington)	RIVER THAMES	6.57
Cole (Acorn Bridge to Bower Bridge)	TRIBUTARY OF THE RIVER COLE	1771.54
Windrush and tributaries (Little Rissing	Windrush	315.83
Ock (to Cherbury Brook)	THE RIVER OCK	1.60
Cherwell (Nell Bridge to Bletchingdon)	TRIBUTARY OF THE RVER CHERWELL	0.96
Cherwell (Ashby Brook to Cropredy)	TRIB OF RIVER CHERWELL	342.34
Upper Roding (to Cripsey Brook)	TRIB OF RIVER CHERWELL	1749.95
Thames (Cookham to Egham)	Thames	1740.79
Cherwell (Source to Trafford Bridge)	RIVER CHERWELL	113.68

Counted spills using 12-24hr counting method	% of reporting period EDM operational
25	99.99%
13	98.63%
12	100.00%
38	70.00%
107	100.00%
0	99.98%
17	99.57%
0	100.00%
2	99.99%
35	100.00%
63	93.55%
52	100.00%
85	100.00%
33	100.00%
0	100.00%
65	95.00%
54	94.00%
0	100.00%
6	86.00%
0	100.00%
6	99.95%
204	100.00%
34	95.84%
3	100.00%
51	100%
31	99.00%
3	100.00%
5	100.00%
6	56.08%
7	100.00%
4	98.98%
91	100.00%
17	100.00%
3	100.00%
1	100.00%
55	100.00%
97	99.40%
113	99.78%
12	100.00%

Site Name	Permit No.	WFD Waterbody Catchment Name (Cycle 2) (discharge outlet)
ABINGDON STW	CTCR.1805	Thames (Evenlode to Thame)
BANBURY STW	CTCR.1867	Cherwell (Cropredy to Nell Bridge)
BOURTON ON THE WATER SP17193803 CSO	RET/TH/22	Dikler (Wyck Rissington to Windrush
BURFORD MEADOW END STW	CTCP.0026	Windrush and tributaries (Little Riss
CASSINGTON STW	TEMP.2457	Thames (Evenlode to Thame)
CAVERSHAM SPS	TEMP.1769	Thames Wallingford to Caversham
CHERWELL STREET SPS	CTCR.0102	Cherwell (Cropredy to Nell Bridge)
CHIPPING WARDEN STW	TEMP.2482	Cherwell (Ashby Brook to Cropredy)
COMPTON STW	CAWM.0012	Pang
CROPREDY STW	TEMP.2506	Cherwell (Cropredy to Nell Bridge)
DORCHESTER STW	TEMP.2542	Thame (Scotsgrove Brook to Thames
EYDON STW	TEMP.2574	Ashby Brook (Source to Cherwell)
FERGUSSON ROAD SP46411153 CSO	TEMP.2606	Cherwell (Cropredy to Nell Bridge)
FRIDAY STREET SU76823501 CSO	TEMP.1003	Thames (Reading to Cookham)
GORING STW	TEMP.2616	Thames Wallingford to Caversham
HAMBLEDEN STW	CAWM.0192	Thames (Reading to Cookham)
HAMPSTEAD NORREYS STW	TEMP.2647	Pang
HEYFORD STW	TEMP.2658	Cherwell (Nell Bridge to Bletchingdo
KINGSTON MAIN SPS	TEMP.1273	Thames (Egham to Teddington)
LECHLADE STW	CTCR.1797	Leach (Source to Thames)
LITTLE MARLOW STW	CNTD.0058	Wye (High Wycombe fire station to T
LITTLEMORE SPS	TEMP.1358	Thames (Evenlode to Thame)
MARSWORTH SPS	TEMP.2766	Thame upstream of Aylesbury
NIGHTINGALE LANE TQ34801209 CSO	TEMP.2819	THAMES MIDDLE
NORTHLEACH STW	TEMP.2810	Leach (Source to Thames)
PORTSMOUTH ROAD TQ1768601A CSO	TEMP.2843	Thames (Egham to Teddington)
SEVENHAMPTON STW	TEMP.2883	Cole (Acorn Bridge to Bower Bridge)
STANDLAKE STW	TEMP.2906	Windrush and tributaries (Little Riss
TACKLEY TSPS	CAWM.0638	Cherwell (Nell Bridge to Bletchingdo
WILLINGALE STW	TEMP.3010	Upper Roding (to Cripsey Brook)
WINDSOR STW	TEMP.3014	Thames (Cookham to Egham)

Receiving Water / Environment (common name) (EA Consents Database)	Total Duration (hours) of all spills prior to processing through 12-24 hour counting method	Counted spills using 12-24hr counting method
ODHAY HILL DITCH/RIVER THAMES	1105.37	58
TRIB OF CHERWELL	297.89	33
WINDRUSH & GROUNDWATER	1398.34	77
RIVER WINDRUSH	0	0
Thames	494.07	38
Thames	0	0
RIVER CHERWELL	0	0
TRIBUTARY OF RIVER CHERWELL	119.17	22
RIVER PANG	0.43	1
Cherwell	684.79	57
Thame		
TRIBUTARY OF RIVER CHERWELL	618.17	50
Cherwell	0	0
Thames	0	0
RIVER THAMES	0	0
RIVER THAMES	0	0
RIVER PANG	5.35	3
Cherwell	212.49	33
Thames	0	0
LEACH	246.12	13
RIVER THAMES	0	0
Thames	5.62	3
Thame	8.52	3
RIVER THAMES	25.52	14
RIVER LEACH	7.89	4
RIVER THAMES	29.61	6
TRIBUTARY OF THE RIVER COLE	773.1	43
Windrush	0	0
TRIBUTARY OF THE RVER CHERWELL	28.07	8
TRIB OF RIVER CHERWELL	414.14	23
Thames	553.21	50

% of reporting period EDM operational	Comments
73%	Data prior to 09/04/2019 missing due to historical installation issues
100%	
94%	
100%	
95%	
100%	
23%	Data prior to 28/10/2019 missing due to historical installation issues
100%	
83%	Data between 31/07/19 - 01/10/19 missing due to comms issues
100%	
0%	Data unavailable due to installation issues
97%	
100%	
16%	Data prior to 05/11/2019 missing due to historical installation issues
100%	
100%	
100%	
100%	
26%	Data prior to 01/10/2019 missing due to historical installation issues
80%	Data between 31/07/19 - 01/10/19 missing due to comms issues
79%	Data prior to 18/03/2019 missing due to historical installation issues
61%	Data prior to 22/05/2019 missing due to historical installation issues
100%	
44%	Data prior to 01/09/2019 missing due to historical installation issues
5%	Data prior to 18/12/2019 missing due to historical installation issues
63%	Data prior to 15/05/2019 missing due to historical installation issues
94%	Data between 29/09/19 - 18/10/19 missing due to comms issues
96%	
100%	
73%	Data prior to 01/04/2019 missing due to historical installation issues
75%	Data prior to 03/04/2019 missing due to historical installation issues

Site Name	Permit No.	WFD Waterbody Catchment Name (Cycle 2) (discharge outlet)
ABINGDON STW	CTCR.1804	Thames (Evenlode to Thame)
Bourton On The Water SP17193803 CSO	RET/TH/22	Dikler (Wyck Rissington to Win
CASSINGTON STW	TEMP.2457	Thames (Evenlode to Thame)
CAVERSHAM SPS	TEMP.1769	Thames Wallingford to Cavers
COMPTON STW	CAWM.0012	Pang
CROPREDY STW	TEMP.2506	Cherwell (Cropredy to Nell Bri
DORCHESTER STW	TEMP.2542	Thame (Scotsgrove Brook to Th
EYDON STW	TEMP.2574	Ashby Brook (Source to Cherw
Fergusson Road SP46411153 CSO	TEMP.2606	Cherwell (Cropredy to Nell Bri
Friday Street SU76823501 CSO	TEMP.1003	Thames (Reading to Cookham
Goring STW	TEMP.2616	Thames Wallingford to Cavers
HAMBLEDEN STW	CAWM.0193	Thames (Reading to Cookham
HAMPSTEAD NORREYS STW	TEMP.2647	Pang
HEYFORD STW	TEMP.2658	Cherwell (Nell Bridge to Bletch
Kingston Main SPS	TEMP.1273	Thames (Egham to Teddington
LECHLADE STW	CTCR.1797	Leach (Source to Thames)
LITTLE MARLOW STW	CNTD.0058	Wye (High Wycombe fire static
LITTLEMORE SPS	TEMP.1358	Thames (Evenlode to Thame)
MARSWORTH SPS	TEMP.2766	Thame upstream of Aylesbury
Portsmouth Road TQ1768601ACSO	TEMP.2843	Thames (Egham to Teddington
STANDLAKE STW	TEMP.2906	Windrush and tributaries (Littl
TACKLEY TSPS	CAWM.0638	Cherwell (Nell Bridge to Bletch
WILLINGALE STW	TEMP.3010	Upper Roding (to Cripsey Broo
Windsor STW	TEMP.3014	Thames (Cookham to Egham)

Receiving Water / Environment (common name) (EA Consents Database)	Total Duration (hours) of all spills prior to processing through 12-24 hour counting method	Counted spills using 12-24hr counting method
ODHAY HILL DITCH/RIVER THAMES		
WINDRUSH & GROUNDWATER	0.2	1
Thames		
Thames	78.6	4
RIVER PANG	0.0	0
Cherwell	624.2	68
Thame	0.0	0
TRIBUTARY OF RIVER CHERWE	10.9	12
Cherwell	119.9	17
Thames	0.2	1
RIVER THAMES	0.2	1
RIVER THAMES	8.2	10
RIVER PANG	0.1	1
Cherwell	344.1	19
Thames		
LEACH	0.0	0
RIVER THAMES	0.0	0
Thames		
Thame	19.4	4
RIVER THAMES		
Windrush	0.4	1
TRIBUTARY OF THE RVER CHE	0.0	0
TRIB OF RIVER CHERWELL		
Thames		

% of reporting period EDM operational
0.00
79.6%
0.00
78.8%
45.8%
99.0%
100.0%
87.2%
100.0%
100.0%
29.8%
28.7%
100.0%
11.3%
0.00
100.0%
100.0%
0.00
94.7%
0.00
99.0%
39.6%
0.00
0.00

Appendix 6 – Thames River Basin Management Plan Measures

Based upon EA's River Basin district summaries[1]. Key general measures for the Thames Basin have been extracted along with specific measures for waterbodies within the districts

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
Water Industry Asset Management Plan Price Review 2019 Water Industry National Environment Programme schemes - catchment schemes	Catchment schemes e.g. Farm nutrient management plans and soil testing - improved farming practice	Regulatory	All	Various	Rural land management	Water Companies	https://data.gov.uk/dataset/a1b25bcb-9d42-4227-9b3a-34782763f0c0/water-industry-national-environment-programme
Water Industry Asset Management Plan Price Review 2019 Water Industry National Environment Programme schemes - water resources	Sustainable abstraction improvements through changes to abstraction licences, licence conditions and non licence changes at specific sites	Regulatory	All	Various	Water Industry	Water Companies	https://data.gov.uk/dataset/a1b25bcb-9d42-4227-9b3a-34782763f0c0/water-industry-national-environment-programme
Abstraction Plan delivery - Environment	Greater access to water and sustainable abstraction improvements through: changes to abstraction licences including compulsory and voluntary licence	Regulatory and non-regulatory	All	Various	Multiple	Environment Agency	https://www.gov.uk/government/publications/water-abstraction-plan-2017/water-abstraction-plan-environment

[1] EA (2022) *River Basin district summaries* https://www.gov.uk/guidance/river-basin-management-plans-updated-2022-summary-programmes-of-measures/7-river-basin-district-summaries

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	changes, time limited licences renewal, apply powers for serious damage, revocation of unused licences, reducing quantities on under used licences and non licence changes						
Abstraction Plan delivery - Priority Catchments	Working collaboratively with all stakeholders to deliver integrated catchment solutions to mitigate the impact of climate change and unsustainable abstraction. Update Abstraction Licence Strategy with findings from priority catchments by 31 July 2021	Regulatory and non-regulatory	All	Various	Multiple	Environment Agency	https://www.gov.uk/government/publications/water-abstraction-plan-2017/water-abstraction-plan-environment
Environment Agency Environment Programme and Flood and Coastal Risk Management capital programme	Diffuse pollution control initiatives, recovery of priority species - habitat restoration or creation and reintroducing species	Financial incentives	All	Various	Multiple	NGOs, government funded agencies and water companies	
Water Industry Asset Management Plans Price Review 2019 Water Industry National Environment	Sewage treatment improvements by changes to licence conditions at specific sites	Regulatory	All	Various	Water Industry	Water Companies	https://data.gov.uk/dataset/a1b25bcb-9d42-4227-9b3a-34782763f0c0/water-industry-national-

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
Programme schemes - sewage							environment-programme
Chalgrove Brook Habitat and Fish Pass Project. Mechanism = Environment Agency Environment Programme and Flood, Coastal Erosion Risk Management (Flood and Coastal Risk Management) capital programme	Fish passage - mitigating physical modifications. This project will design and deliver in-stream and bankside habitat enhancements on some of the chalk streams that arise from the Chilterns in the Thame catchment (Chalgrove Brook, Lewknor Brook, Horsenden Stream). Stakeholder engagement forms a key part of this project.	Financial incentives	Thames	Thames and Chilterns South	Multiple	River Thame Conservation Trust	
Kennet grayling project - fish stocking programme using locally sourced fish. Mechanism = Environment Agency Environment Programme and Flood, Coastal Erosion Risk Management (Flood and Coastal Risk	Fish stocking	Financial incentives	Thames	Kennet and Tributary	Multiple	NGOs, government funded agencies and water companies	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
Management) capital programme							
Restore Brown Trout to Horsendon Stream. Mechanism = Environment Agency Environment Programme and Flood, Coastal Erosion Risk Management (Flood and Coastal Risk Management) capital programme	Habitat enhancement	Financial incentives	Thames	Thames and Chilterns South	Multiple	River Thame Conservation Trust	
River Kennet - Shaw gauging weir removal. Mechanism = Environment Agency Environment Programme and Flood, Coastal Erosion Risk Management (Flood and Coastal Risk Management) capital programme	Fish passage - mitigating physical modifications.	Financial incentives	Thames	Kennet and Tributary	Multiple	NGOs, government funded agencies and water companies	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
River Thame Restoration (Fish passage at Dorchester on Thames). Mechanism = Environment Agency Environment Programme and Flood, Coastal Erosion Risk Management (Flood and Coastal Risk Management) capital programme	Fish passage - mitigating physical modifications.	Financial incentives	Thames	Thames and Chilterns South	Multiple	River Thame Conservation Trust	
Save the Shalbourne MTP project. Mechanism = Environment Agency Environment Programme and Flood, Coastal Erosion Risk Management (Flood and Coastal Risk Management) capital programme	Habitat enhancement	Financial incentives	Thames	Kennet and Tributary	Multiple	NGOs, government funded agencies and water companies	
Stadhampton Mill bypass channel. Mechanism = Environment Agency Environment Programme and Flood, Coastal Erosion Risk Management (Flood and Coastal Risk	Fish passage - mitigating physical modifications. Create a bypass around the barrier to fish at The Mill House in Stadhampton. A new meandering channel will be constructed	Financial incentives	Thames	Thames and Chilterns South	Multiple	River Thame Conservation Trust	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
Management) capital programme	through the adjacent flood meadow, re-instating the original line of the Chalgrove Brook. Other in channel habitat improvements along this stretch of Chalgrove Brook will also be implemented (narrowing, gravel introduction, flow deflectors). This will open up 3.25 km of chalk stream habitat on the Chalgrove Brook that is currently impassable to fish						
Aquatic Biosecurity Campaigns	Slowing the introduction and spread of Invasive Non Native Species via public awareness campaigns including Check, Clean, Dry. Funded by the Aquatic Biosecurity Partnership	Education, targeted information	All	Various	Multiple	GB Non Native Species Secretariat	https://www.nonnativespecies.org/resources-and-projects/aquatic-biosecurity-partnership/
Enabling actions and legislation to enforce actions in the European Union Invasive Alien Species Regulation	Various measures controlling Invasive Non Native Species. Enabling actions and legislation to enforce actions in the European	Regulatory	All	Various	Multiple	Government funded agencies	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	Union Invasive Alien Species Regulation						
Great Britain level co-ordination of Invasive Non Native Species actions	Various measures to control Invasive Non Native Species. Co-ordination of Invasive Non Native Species actions and approach via the Great Britain Invasive Non Native Species programme board and strategy	Guidance / Process	All	Various	Multiple	GB Non Native Species Secretariat	
National Highways Invasive Non Native Species control work	Various measures to control Invasive Non Native Species by National Highways	Non-regulatory	All	Various	Government (public sector)	National Highways	
Invasive Non Native Species eradication - national programmes	Various measures to control Invasive Non Native Species. National eradication and control programmes for aquatic Invasive Non Native Species e.g. top mouth gudgeon and water primrose	Guidance / Process	All	Various	Multiple	Environment Agency	
Management of invasive non-native species at selected protected sites by Natural England	Various measures to control Invasive Non Native Species. Management of invasive non-native	Regulatory	All	Various	Multiple	Natural England	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	species at selected protected sites by Natural England						
Invasive Non Native Species Secretariat; co-ordination of alert system, species records, and the Invasive Non Native Species Information Portal	Various measures to control Invasive Non Native Species. Supporting data, evidence and processes to inform Invasive Non Native Species control and management	Shared learning, research	All	Various	Multiple	GB Non Native Species Secretariat	
Partnership pennywort work - developing a shared strategy	Various measures to control floating pennywort	Partnerships	All	Various	Multiple	Environment Agency	
Environment Agency, Natural England and partners will implement rapid responses to contain and eradicate new Invasive Non Native Species invasions, where practicable	Various measures to control Invasive Non Native Species Invasive Non Native Species - rapid response	Guidance / Process	All	Various	Multiple	Environment Agency / Natural England	
Invasive non native species local action groups	Funding and support for local Invasive non native species action groups	Financial incentives and advice schemes	All	various	Multiple	Defra	
England Woodland Creation Offer	Tree planting primarily to achieve UK Net Carbon Zero with incentives to target woodland in places with biodiversity, flood,	Financial incentives	All	Various	Government (public sector)	Forestry Commission	National Programme, local planning in development England Woodland Creation Offer - GOV.UK (www.gov.uk)

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	water quality, water resources and climate adaptation benefits						
Riparian shade - provide tools and evidence to deliver targeted riparian shading at greater national scale with partners - Keeping Rivers Cool 2 – an England-wide tree shade map	Geographic Information Systems based tool to target woodland creation to provide riparian shade in areas most at need	Shared learning, research	All	Various	Multiple	Forestry Commission	
Safeguard and create thermal refuges through tree planting/fencing to increase riparian shade	Riparian tree planting and fencing - Seek to safeguard and create thermal refuges through tree planting/fencing to increase riparian shade - target 50,000 trees and 50km fencing in England by 2024	Financial incentives and advice schemes	All	Various	Multiple	Multiple	
Water Industry Asset Management Plan Price Review 24 Water Industry National Environment Programme schemes - Habitat improvements	Habitat restoration or creation and species recovery. E.g. river and lake restoration, removal of barriers to fish movement, tackle Invasive Non Native Species, achieve	Regulatory	All	Various	Water Industry	Water Companies	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	objectives for water-dependent Sites of Special Scientific Interest and European sites, and actions to conserve and enhance priority habitats and species						
Maritime Fisheries Fund	Explore opportunity for Maritime Fisheries Fund to support measures to protect migratory fish in the marine environment	Financial incentives	All	Various	Industry, services, housing and infrastructure	Government funded agencies	
Fisheries Improvement Programme and Wild Trout Trust contract	Various habitat improvement projects to benefit fisheries in partnership will have additional benefits for River Basin Management Plans environmental objectives	Financial incentives and advice schemes	All	Various	Multiple	Environment Agency	
Nature Recovery Network	Various actions to protect, improve, expand, and connect habitats including water and water-dependent environments. Sites designated for nature conservation, such as European sites and Sites of Special	Non-regulatory	All	Various	Multiple	Natural England	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	Scientific Interest are at the core of this network						
Green Recovery Challenge Fund	Various environmental improvement projects - fish passage; land management change to address pollution; river, lake and wetland restoration; tree planting; peatland restoration. £80 million funding value over two £40million rounds, Round 1 delivery by March 2022, Round 2 by March 2023	Financial incentives	All	Various	Government (public sector)	Defra	
Nature for Climate peatland restoration capital grant scheme	Creation and restoration of peatland - habitat creation and enhancements	Financial incentives	All	Various	Multiple	Defra / Natural England	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
Implement actions required to achieve and maintain objectives for European sites	Implement 'remedies' for the Sites of Special Scientific Interest that underpin water-dependent European sites. Remedies are actions needed to address reasons for adverse condition and restore the site to favourable condition. These are site-specific remedies and agreed between Natural England and the organisation responsible for their delivery on the site. Continue to progress actions identified in Site Improvement Plans. These provide a high level description of issues affecting the condition of a site and identify priority actions required to address the issues	Regulatory and non-regulatory	All	Various	Multiple	Natural England	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
Lake Restoration Programme for European sites and Sites of Special Scientific Interest	Continue developing and implementing lake restoration plans for European site and Site of Special Scientific Interest lakes e.g. action to improve water quality, advice on nutrient management within the catchment, restoration of natural hydrological regime, restoration of vegetation and natural fish communities, sediment removal	Regulatory and non-regulatory	All	Various	Multiple	Environment Agency / Natural England	http://publications.naturalengland.org.uk/publication/5583022327857152?category=5605910663659520
Wet agriculture and peatlands forestry - Paludiculture Exploration Fund	Providing technical support for new facilitative fund. Enable paludiculture (wetter farming) to become viable as a way of conserving carbon by raising the water table in peat soils, whilst maintaining a (different) peatland agricultural land use	Financial incentives	All	Various	Multiple	Defra / Natural England	England Peat Action Plan - GOV.UK (www.gov.uk)
Delivery of Lowland Agricultural Peat outcomes	Develop strategic position on future for sustainable land use on lowland agricultural peat soils	Non-regulatory	All	Various	Multiple	Defra	Nature for Climate Peatland Grant Scheme - GOV.UK (www.gov.uk)

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
River Restoration Programme for European sites and Sites of Special Scientific Interest	Continue to develop and implement strategic river restoration plans for European sites and Site of Special Scientific Interest rivers	Regulatory and non-regulatory	All	Various	Multiple	Environment Agency / Natural England	http://publications.naturalengland.org.uk/publication/5478339747774464?category=5605910663659520
Improving Fish Passage at Environment Agency Assets	Improving fish passage at Environment Agency assets through opportunities and partnership programme of works approach	Guidance / Process	All	Various	Government (public sector)	Environment Agency	
Water Leaders Group aligned approaches to landscape scale restoration, from soil to sea	Water Leaders Group to act as advocates for landscape-scale restoration of natural processes within our freshwater catchments and coastal waters	Guidance / Process	All	Various	Multiple	Environment Agency	
Catchment Sensitive Farming Rural Development Programme England	Various farm infrastructure improvements and wider agricultural practice	Financial incentives and advice schemes	All	Various	Rural land management	Environment Agency / Natural England	
Championing the Farmed Environment - Advice to farmers on environmental improvements	Various measures to prevent impacts from agriculture	Advice schemes	All	Various	Rural land management	NFU	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
Countryside Stewardship Agri-env, including Water Environment Grant, schemes that run over into 2022 to 2027	Various environmental improvements by farmers and land managers including on farm, river corridor improvements and wider collaborative nature based solutions including Natural Flood Management	Financial incentives and advice schemes	All	Various	Multiple	DEFRA	
Environment Land Management Schemes	Various environmental improvements by farmers and land managers including on farm improvements to wider collaborative nature based solutions including Natural Flood Management and buffer zones	Financial incentives and advice schemes	All	Various	Multiple	DEFRA	
Regulation of agricultural and rural land including targeted regulation of protected areas such as Nitrate Vulnerable Zones	Regulation by Environment Agency officers - preventing pollution of nitrates, phosphates and sediment. Increased agricultural regulatory resource secured in 2021 continues to at least 2025. Activity focusses on: compliance with the Farming Rules for	Regulatory	All	Various	Multiple	Environment Agency	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	Water; compliance with Silage Slurry and Agricultural Fuel Oil Regulations. The aims are: - reducing diffuse pollution to all waterbodies including lakes, with a specific focus on protected sites - reducing point source pollution incidents, such as: oil spills, slurry store failures, silage effluent incidents						
Tried and Tested - Advice to farmers on nutrient management	Agricultural nutrient management	Advice schemes	All	Various	Rural land management	NFU	
Diffuse Water Pollution Plans for European sites	Continue progressing implementing Diffuse Water Pollution Plans for European sites where the site condition is affected by diffuse water pollution.	Regulatory and non-regulatory	All	Various	Multiple	Environment Agency / Natural England	http://publications.naturalengland.org.uk/publication/5848526737113088?category=5605910663659520
Nature Based Solutions	Develop a strategic position and associated guidance on Nature Based Solutions, to support our activities and engagement with those working in this area	Non-regulatory	All	Various	Multiple	Environment Agency	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
Environment Agency Third Adaptation Report and associated actions	Various actions to improve the Environment Agency's approach to adapting to climate change	Non-regulatory	All	Various	Multiple	Environment Agency	
National FCERM Strategy and Roadmap	The Environment Agency has worked with other Risk Management Authorities and partners to develop the National Flood and Coastal Risk Management Strategy for England and the FCERM Strategy Roadmap to 2026 (publishing.service.gov.uk), which specifically supports the goal of clean and plentiful water. This includes a doubling of natural flood management initiatives in the FCERM Programme by 2027 to 260 projects	Non-regulatory	All	All	Multiple	Environment Agency / Risk Management Authorities	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
Provide training, guidance and support for NFM projects	Embedding Natural Flood Management into mainstream FCRM delivery following the Defra funded £15 million NFM Programme aims include: • Developing a Natural Asset database • Creating a digital hub • Providing training and guidance materials for project teams Streamline the development of low value NFM investments	Multiple	All	All	Multiple	Environment Agency / Risk Management Authorities	
Re-fresh of Shoreline Management Plans	The Environment Agency has been working closely with the Coastal Group Network to manage a 'refresh' of the Shoreline Management Plans (SMPs) covering the English coast. The current SMPs were developed between 2006 and 2012. The refresh is not a third cycle of SMPs, but an update to ensure SMPs reflect the most current evidence, experience,	Shared learning, research	All	Various	Multiple	Environment Agency / Risk Management Authorities	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	and policy. The SMP Refresh project will be completed March 2023.						
Environment Agency Flood Coast Risk Management Coastal Habitat Compensation and Restoration Programme	Environment Agency Flood Coast Risk Management Coastal Habitat Compensation and Restoration Programme The Regional Habitat Compensation Programme (RHCP) is a strategic programme run by the Environment Agency which seeks to replace habitats that are lost due to coastal squeeze or tidal inundation effects that arise from the management of coastal defences Regional Habitat Compensation Programme — Coastal Partners	Financial incentives	All	Various	Government (public sector)	Environment Agency / Risk Management Authorities	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
National Coastal Erosion Risk Map 2	National Coastal Erosion Risk Map 2 Update to the: National Coastal Erosion Risk Mapping (NCERM) - National (2018 - 2021) - data.gov.uk	Shared learning, research	All	Various	Government (public sector)	Environment Agency	
National Network of Regional Coastal Monitoring Programmes	National Network of Regional Coastal Monitoring Programmes	Shared learning, research	All	Various	Government (public sector)	Environment Agency / Risk Management Authorities	
Environment Agency Flood Coast Risk Management Maintenance Programme	Implement the recent changes to funding policy arrangements, including payment for environmental benefits, the Environmental Statutory Allowance and Nature for Climate funding, to achieve greater environmental co-benefits from projects that manage flood and coastal erosion risk (Timescales: by 2027).	Financial incentives	All	Various	Government (public sector)		

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
Environment Agency Flood Coast Risk Management Funding	Implement the recent changes to funding policy arrangements, including payment for environmental benefits, the Environmental Statutory Allowance and Nature for Climate funding, to achieve greater environmental co-benefits from projects that manage flood and coastal erosion risk (Timescales: by 2027).	Financial incentives	All	Various	Multiple	Defra / Defra funded agencies	
Environment Agency Flood and Coastal Risk Management capital programme beyond current confirmed projects	Delivery of mitigation measures for Flood and Coastal Erosion Risk Management assets - river restoration and fish pass improvements	Financial incentives	All	Various	Multiple	Environment Agency	
Environment Agency Navigation Capital Asset Investment	Addressing physical modification on Environment Agency owned regulatory assets to maintain navigable waterways and restore fish passage	Regulatory	All	Various	Government (public sector)	Environment Agency	
Water Leaders Group work on integrated investment in catchments	Water Leaders Group develop shared guidance and case studies for integrating	Shared learning, research	All	Various	Multiple	Environment Agency	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	investment in and across catchments						
Natural Environment Investment Readiness Fund (NEIF)	Create new woodlands, restore peatlands, create new coastal wetlands, restore freshwaters and wetlands	Financial incentives	All	Various	Multiple	Environment Agency	
Water Leaders Group shared guidance on developing and implementing market approaches to Paid Ecosystem Services	Implement measures through Paid Ecosystem Service markets	Guidance / Process	All	Various	Multiple	Environment Agency	
Nature Based Solutions Landscapes Project	A set of demonstration projects to develop the multi-sector funding approach to landscape-scale Nature-based Solutions, funded through Shared Outcome Fund	Guidance / Process	All	Various	Cross sector working	Environment Agency	https://naturalengland.blog.gov.uk/2021/07/23/nature-based-solutions-for-climate-change-at-the-landscape-scale-a-new-12-5m-pilot-programme/
Water Environment Transformation (WET) Programme	The Environment Agency to explore more flexible approaches to permitting, to support wider implementation of nature based solution through water industry price review process (PR24) and land	Guidance / Process	All	Various	Cross sector working	Environment Agency	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	managers/agriculture sector.						
European Union Structural Funded projects that may run over into 2022 to 2027 e.g. European Union Inter Regional Cooperation Programme Projects	Various environmental improvement projects e.g. pollution control initiatives, abstraction management and habitat restoration	Partnerships	All	Various	Multiple	Environment Agency / NGOs	
Other Heritage Lottery, Landfill Charge Levy or Philanthropic funded projects that may run over into 2022 to 2027 e.g. European Union Inter Regional Cooperation Programme Projects or Local Enterprise Partnerships funded projects	Various environmental improvement projects e.g. pollution control initiatives, abstraction management and habitat restoration	Partnerships	All	Various	Multiple	Environment Agency / NGOs	
UK Prosperity Fund projects that may run over into 2022-27 e.g. with Local Enterprise Partnerships	Various environmental improvement projects e.g. pollution control, abstraction management and habitat restorations pollution control initiatives	Partnerships	All	Various	Multiple	Environment Agency / NGOs	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
Climate risk screening tool	The Environment Agency is developing a climate risk screening tool to check that future measures/projects can perform as intended in a changing climate. This will highlight opportunities for making climate resilient decisions on the design and implementation of River Basin Management Plan measures	Guidance / Process	All	All	Government (public sector)	Environment Agency	
Explore better data sharing approaches with Arm's Length Bodies and partners	Data sharing restrictions between partners, including Arm's Length Bodies can be a barrier for a holistic targeted approach to regulating, advice and grant aid. Explore better data and evidence sharing approaches	Guidance / Process	All	Various	Multiple	Government funded agencies	
Environment Agency Championing Coastal Coordination (3Cs) Project Phase 2	Phase 2 - work with coastal partners and other interested parties to review the phase 1 pilots and develop recommendations for a	Guidance / Process	All	Various	Multiple	Government funded agencies	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	national framework for future governance and joint working to improve alignment of water planning and delivery.						
Catchment Based Approach	Catchment partnership led projects and measures related to multiple funding streams and outcomes for water quality, quantity, habitat and flood risk reduction. Examples can be seen in the River Basin Management Plan Catchment Partnership Pages	Partnerships	All	Various	Multiple	NGOs and water companies	
Improved Integrated Local Delivery	Working with partners, to improve strategic national engagement for local collective action. Achieve this through better collaborative system governance, alignment and integration from catchment to coast for multiple environmental and social outcomes and climate resilience e.g. towards a national	Guidance / Process	All	Various	Multiple	Defra / Environment Agency	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	framework for water governance, local estuarine and coastal restoration plans						
Blue Impact Fund - Marine habitat restoration fund bid	Developing ocean trust fund to support marine environmental enhancement	Financial incentives	All	Various	Multiple	Environment Finance / World Wide Fund for Nature	
Environment Agency programme of work to realise our Ambition for Water	Various measures arising from the Environment Agency reviewing their approach to water and setting out a roadmap for how they will work with partners to deliver our Water Ambition. This will coordinate multiple activities detailed elsewhere in this River Basin Management Plan Programme of Measures spreadsheet	Guidance / Process	All	Various	Multiple	Environment Agency	
Water Environment Improvement Fund	Local habitat/Invasive Non Native Species improvement schemes and agricultural/urban pollution control	Financial incentives and advice schemes	All	Various	Cross sector working	Environment Agency	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	initiatives. Also funding 2021-22 to support improved coordination of coastal-based partnership working						
Environment Agency Environment Programme beyond current confirmed projects	Diffuse pollution control initiatives, recovery of priority species - habitat restoration or creation and reintroducing species	Financial incentives	All	Various	Multiple	Environment Agency	
Environment Act Targets water and biodiversity	The Environment Act 2021 stipulates the Government will set a minimum of one long-term legally binding targets in four priority areas. These include water, waste and resources, air quality and biodiversity. There will need to be various environmental improvement projects to achieve these targets. The public consultation on the proposed targets closed on 27 June 2022. Those proposed for water include addressing rivers polluted by abandoned metal	Regulatory	All	Various	Multiple	Defra	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	mines, pollution coming from wastewater; agriculture and to reduce water demand. Biodiversity targets will also aid the environment by halting the decline of species abundance, extinction and creating wildlife-rich habitats in our streams, rivers, estuaries and coastal waters.						
Water Leaders Group aligning approaches to behaviour change campaigns on water		Education, targeted information	All	Various	Multiple	Environment Agency	
Development Planning - Statutory Biodiversity net gain	Planning requirement that aims to ensure that developments have a net positive impact on biodiversity overall, by minimising any negative impacts, restoring existing areas or offsetting	Regulatory	All	Various	Multiple	Local Authority	
A new framework of Green Infrastructure Standards supports mainstreaming of good green-blue infrastructure	Various measures that result in greener cities and cleaner waters	Guidance / Process	All	Various	Multiple	Natural England	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
Local Nature Recovery Strategies	Various actions to protect, improve, expand and connect habitats including water and water-dependent environments. These will be identified through the Statement of Biodiversity Priorities and the Local Habitat Map in each Local Nature Recovery Strategy. Actions to restore habitat should seek to deliver wider environmental outcomes such as flood risk mitigation, water quality improvements and climate change adaptation wherever possible	Non-regulatory	All	Various	Multiple	Natural England	
National Highways Strategic Road Investment Strategy	Measures to mitigate impacts from road run-off	Regulatory	All	Various	Government (public sector)	National Highways	
Regulatory campaigns in urban areas including industrial estates and retail parks	Regulation by Environment Agency officers - prevent pollution	Regulatory	All	Various	Government (public sector)	Environment Agency	
Environment Agency Chief Scientific Advisors Office Clean and Plentiful Water	Environmental Quality Standards development post European Union Exit	Regulatory	All	Various	Multiple	Environment Agency	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
Environmental Quality Standards Project							
Water Industry Asset Management Plan Price Review 2024 Water Industry National Environment Programme schemes arising from Chemicals Investigation programme	Sewage treatment improvements through changes to licence conditions at specific sites	Regulatory	All	Various	Water Industry	Water Companies	
Water Industry Asset Management Plan Price Review 2024 Water Industry National Environment Programme schemes - catchment	Catchment schemes e.g. Farm nutrient management plans and soil testing - improved farming practice	Regulatory	All	Various	Rural land management	Water Companies	
Implement findings from review of Polluter Pays/Fair Share project due end of 2021	Price Review/Asset Management Plan	Regulatory	All	Various	Multiple	Defra / Environment Agency	
Water Industry Asset Management Plan Price Review 2024 Water Industry National Environment Programme schemes - sewage	Sewage treatment improvements through changes to licence conditions at specific sites	Regulatory	All	Various	Water Industry	Water Companies	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
Drainage Waste Water Management Plans to inform measures identified by Water Industry in Price Review24	Integrated drainage management - Measures to address pollution, flood risk and habitat function	Guidance / Process	All	Various	Multiple		
Abstraction plan 2 - Refreshed Sustainable abstraction plan delivery	Measures include: changes to abstraction licences including compulsory and voluntary licence changes, time limited licences renewal, application of powers in relation to actual and risk of serious damage, risk of deterioration and actual deterioration, revocation of unused licences, and reducing quantities on under used licences and non licence changes, delivery of a stronger catchment focus updating Abstraction Licence Strategies	Regulatory	All	Various	Multiple		

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
Achieve sustainable abstraction to deliver resilient catchments and meet the challenge of climate change	Greater clarity on un-sustainable abstraction improvements through: changes to abstraction licences for example time limited licences, serious damage, unused licences, new authorisations. New licences issued only to the sustainability standards of the flow and groundwater objective thresholds as consulted. Deviation from this only by agreed quality of scientific evidence, provided at the developers cost	Regulatory	All	Various	Multiple	Environment Agency	
Develop Environmental Destination statements. Establish a consistent understanding of the long term water resource needs and climate change impacts	Environmental destination statement informs regional planning options and on the ground measures	Shared learning, research	All	Various	Multiple		
Implementation of a stronger catchment focus for water resources	Working collaboratively with all stakeholders to deliver integrated catchment solutions to mitigate the impact of climate change and	Regulatory and non-regulatory	All	Various	Water Industry	Environment Agency	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	unsustainable abstraction. Where appropriate deliver innovative solutions to increase access to water and sustainable abstracting improvements and update all Abstraction Licencing System by 2027						
Modernise our abstraction licensing service to deliver resilient and sustainable catchments and to meet the challenge of climate change	Access to water and sustainable abstraction improvements through modernising the abstraction service. Ending exemptions, moving to a digital platform and introducing Environmental Permitting Regulation and a stronger regulatory and compliance regime based on delivering sustainable abstraction	Regulatory and non-regulatory	All	Various	Multiple	Environment Agency	
New Authorisations - previously Exempt Licence determinations by December 2023	Abstractions Licensed and established for review against sustainability standards at Common End Dates against surface and	Regulatory	All	Various	Water Industry	Environment Agency	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	groundwater sustainability tests						
Review of Heavily Modified Waterbody and Level Managed system flow objectives to assure achievement of sustainable abstraction and ecosystems they support.	Establish sustainable flow objectives for Heavily Modified Water Bodies and Level Managed Systems to identify unsustainable abstraction and establish these thresholds for licensing and the associated groundwater sustainability for licence reviews	Regulatory	All	Various	Multiple	Environment Agency / Internal Drainage Boards	
Development of Regional Plans Water Resources and environmental destination statement	Give the water sector a stronger strategic steer on long term water resources planning. Includes: coordinating Regional planning groups and setting the environmental destination. Also inform the development of new water infrastructure and design future regulatory frameworks. Do this through RAPID (Regulators' Alliance for Progressing	Regulatory	All	Various	Water Industry	Environment Agency	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	Infrastructure Development) Abstraction Licence reductions to deliver Sustainable Abstraction. This is a key measure in our response to climate change						
Time Limited Abstraction Licence renewal - Give licence holders six years notice of renewal	Licence holders have six years notice to renew time limited licences. To meet the sustainability test, the Environment Agency will mainly prioritise action to prevent deteriorations up to the end of 2027	Regulatory	All	Various	Government (public sector)		
Water Resource Assets Capital Investment	Ensure water transfer schemes are safe, resilient, environmentally sustainable and can operate when required	Regulatory	All	Various	Water Industry	Environment Agency	
Water Industry Asset Management Plan Price Review 2024 Water Industry National Environment Programme schemes - water resources	Sustainable abstraction improvements through changes to abstraction licences and licence conditions at specific sites	Regulatory	All	Various	Water Industry	Water Companies	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
The Flood and Coastal Resilience Innovation Programme - 25 projects targeting flood resilience	Various measures to improve flood resilience, which may include: • nature based solutions • sustainable drainage systems • approaches for making existing properties more flood resilient • encouraging local businesses to improve their flood resilience • building community and voluntary sector capacity to respond and recover	Financial incentives	Anglian, Humber, Northumbria, North West, Severn, South East, South West, Thames	Various	Government (public sector)	Environment Agency	https://www.gov.uk/guidance/flood-and-coastal-resilience-innovation-programme
As part of Water Ambition the Environment Agency will work with partners to bring a particular focus on protecting and improving chalk rivers	Various regulatory and partnership measures to improve and protect chalk rivers - quality, quantity, habitat and biodiversity	Guidance / Process	Anglian, Humber, Severn, South East, South West, Thames	Various	Multiple	Environment Agency	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
OxCam Arc - Working with the wider Defra group to influence the Spatial framework and wider OxCam work. Mechanism = Other local funding source	Ensuring we use planned growth and development as an opportunity for improving nature. Influencing planning policy, influencing development corporations, providing environmental evidence and advice and test/showcase best practice. Flood Alleviation Scheme tracking a spatial framework (delivered in 2 years) which will have the same standing as national planning policy and providing a framework for local authorities to follow. Influencing this to enable best outcomes for the environment.	Non-regulatory	Anglian, Humber, Thames	Various	Multiple	Defra / Environment Agency	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
Smarter Water Catchments. Mechanism = Water industry investment	Testing the contribution this more holistic approach can make, through a variety of very different projects. Six partnership projects with two (Evenlode and Kennet) in Thames Area. Evenlode project focussing on reducing diffuse phosphorus through natural flood management, advice, farming practices and partnership working. Kennet project focussing on water resources: advice to homes and business, school education, rainwater harvesting. Funding provided by Thames Water as well as Water Resource Revenue from the Environment Agency.	Partnerships	Thames	Cotswolds and Kennet	Cross sector working	Thames Water	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
Evenlode natural flood management projects. Mechanism = Other local funding source	Replication of Littlestock Brook natural flood management project (2016-21) to other tributary catchments within the Evenlode including Bledington and Moreton-in-Marsh. Landscape mapping for locations where can intercept, slow and store overland flow pathways using field-scale bunds, hedgerow reinstatement, leaky dams, swales, arable reversion, woodland planting, de-culverting etc. Mechanisms: Thames Regional Flood and Coastal Committee local levy, Environment Agency Environment Programme	Partnerships	Thames	Cotswolds	Cross sector working	Gloucestershire County Council	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
Evenlode River Landscape Project. Mechanism = Environment Agency Environment Programme and Flood, Coastal Erosion Risk Management (Flood and Coastal Risk Management) capital programme	Thames Environment Agency Environment Planning and Fisheries, Biodiversity and Geomorphology Teams have initiated an ambitious landscape-scale river restoration project throughout the Evenlode catchment. In 2020/21 we completed a virtual launch event, site visits to 15 landowners and a newly formed farmer cluster group, completed floodplain reconnection (stage zero) mapping throughout the catchment and initial designs for priority sites. In 2021/22 we delivered two floodplain reconnection projects on the River Dorn (Blenheim Estate) and the Cornwell Brook (Bookend, Chastleton) and designed a further two projects at Hordley Meadows and on the	Partnerships	Thames	Cotswolds	Cross sector working	Environment Agency	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	Chipping Norton Brook.						
Rivers and Wetlands Community Day (RWCD) Fund. Mechanism = Water industry investment	The Rivers and Wetlands Community Days fund is provided by Thames Water distributed by a board consisting of the Angling Trust, the Environment Agency, the Institute of Fisheries Management, Thames Water Utilities Limited and the Wild Trout Trust. Projects are engaging and educating local communities, practically involving them in improving	Partnerships	Thames	Various	Cross sector working	Wild Trout Trust and Environment Agency	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	rivers and wetlands habitats and water quality. Examples funded include Rivers Weeks, Outfall Safaris in London, natural flood management and creating backwaters. Thirteen projects are being funded 2020/21 at various scales and locations (59 past projects completed) and the partnership is seeking future funding to continue this successful programme contributing to health, wellbeing and green skills.						
Thames Water Smarter Water Catchment Phase 2. Mechanism = Water industry investment	Thames Water and the Evenlode Catchment Partnership have co-created a 10yr Evenlode Smarter Water Catchment Plan. Thames Water is investing £3million (2020-2025) to deliver across four themes in the Evenlode: water quality; biodiversity, habitat and landscape;	Partnerships	Thames	Cotswolds	Cross sector working	Evenlode Catchment Partnership	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	natural flood management and resilience; and education, access and recreation; which will provide match funding for landscape scale projects on our Environment Programme. https://www.thameswater.co.uk/about-us/responsibility/smarter-water-catchments						
Thame engaging with farmers. Mechanism = Environment Agency Environment Programme and Flood, Coastal Erosion Risk Management (Flood and Coastal Risk Management) capital programme	Measures addressing river basin management plan failures in phosphate and sediment pollution and aiming to establish self-supporting farm cluster groups. Working with key farming organisations: Country Land and Business Association, National Farmers Union and Natural England to create up to 3 farmers' cluster(s) across the catchment. The aim is to increase knowledge around land	Partnerships	Thames	Thames and Chilterns South	Cross sector working	River Thame Conservation Trust	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	management and on-farm measures to minimise pollutant loss from farms, while maximising efficiency and enhancing ecological health.						
Chalk and Ephemeral Stream sustainability actions and flow protection	Policy and voluntary driven abstraction reductions against ground and surface water sustainability assessment standards under CaBA Chalkstream Strategy Actions, Environment Bill sustainability standards and designations. Includes review of licences and flow objective achievement against the naturalised perennial head	Regulatory and non-regulatory	Thames	Various	Multiple	Environment Agency	
Implementation of the Water Resources Catchment Based Approach (CaBA) Chalk Stream Restoration Group (CSRG) chalk strategy	Policy and voluntary measures to drive abstraction reductions in ground and surface waters in chalk catchments. A local response to climate	Multiple	Thames	Various	Water Industry	Environment Agency	

Measure / Mechanism	Measure information	Broad type of mechanism	River Basin District	Management Catchment	Sector(s) who will implement measure	Lead organisation	Links to additional information and detail
	change and abstraction pressure in these catchments. Policy support is intended to develop to underwrite these.						
Water companies work with catchment partners to support flagship chalk stream restoration projects	Habitat restoration measures	Partnerships	Thames	Various	Water Industry	Water Companies	

Appendix 7 – EA Discharge Permits

Based upon discharge permit data provided by the EA[1]. Personal data has been removed and key fields extracted.

Permit Number	Site Name	NGR	Receiving Waterbody	Date Granted	Description
CASM.0139	12 NEW RESIDENTIAL DWELLINGS	SU7640082500	THE RIVER THAMES	06/09/1999	Sewage - not water company
CATM.2312	SHOTOVER KILN	SP5572006450	KIMMERIDGE CLAY FORMATION	27/06/1996	Sewage - not water company
CATM.2509	THREE DWELLINGS	SU3350097200	CORALLIAN LIMESTONE	21/12/2012	Sewage - not water company
CATM.2571	OXFORD INSTRUMENTS	SU4480099850	CORALLIAN SANDS	21/12/2012	Sewage - not water company
CATM.2574	OFFLANDS FARM, THE STREET, MOULSFOR	SU5900084650	LOWER CHALK	21/12/2012	Sewage - not water company
CATM.2618	WOODPERRY, STANTON ST JOHN, OXFORDS	SP5780010500	BECKLEY SANDMEMBER	21/12/2012	Sewage - not water company
CATM.2693	STABLE COMPLEX, LOWER BOLNEY FARM,	SU7730080600	HARPSDEN COURT DRAIN	20/03/1997	Sewage - not water company
CATM.2765	HADDEN HILL GOLF CLUB, HADDEN HILL,	SU5451090170	UPPER GREENSAND	20/12/2012	Sewage - not water company
CATM.2799	DALTON BARRACKS STW	SU4803099860	WILDMOOR BROOK	27/03/1997	Sewage - not water company
CATM.2999	THE OLD VICARAGE	SU5895083910	RIVER GRAVELS	01/11/2022	Sewage - not water company
CATM.3019	RUSH COURT NURSING HOME	SU6030091500	GROUNDWATER VIA SOAKAWAY	21/12/2012	Sewage - not water company
CATM.3020	5 DWELLINGS & OFFICE	SU7402078970	PLATEAU GRAVELS	21/12/2012	Sewage - not water company
CATM.3053	HOUSE & ANGLERS FACILITIES	SU5698095480	RIVER GRAVELS	21/12/2012	Sewage - not water company
CATM.3078	CHURN FARM	SU5120083500	GROUNDWATER VIA SOAKAWAY	21/12/2012	Sewage - not water company
CATM.3119	SPRINGS HOTEL	SU6132886353	TRIB OF THE RIVER THAMES	03/12/2021	Sewage and Trade combined
CATM.3209	PLOT 1A	SU3845089450	TRIB OF THE WOODHILL BROOK	15/04/1998	Sewage - not water company
CATM.3216	HUNTERCOMBE WWTW	SU6788	GROUNDWATER VIA INFILT SYSTEM	21/12/2021	Sewage - water company
CATM.3216	HUNTERCOMBE WWTW	SU6788	GROUNDWATER VIA INFILT SYSTEM	21/12/2021	Sewage - water company
CATM.3303	BAGLEY WOOD	SP5074801998	THE BAGLEY WOOD DITCH	15/07/1998	Sewage - not water company
CATM.3348	PUNTERS REST	SU7760078700	RIVER THAMES	04/08/1998	Sewage - not water company
CATM.3467	PEAR TREE COTTAGES	SU7274083300	INTO LAND	01/10/1998	Sewage - not water company
CATM.3468	UNDERWOOD	SU6391077550	CHALK	05/10/1998	Sewage - not water company
CATM.3483	LYNWOOD	SU4181093550	ALLUVIUM	20/10/1998	Sewage - not water company

[1] EA (2024) *THM356241_DC South Oxon & VWH.xlsx*

Permit Number	Site Name	NGR	Receiving Waterbody	Date Granted	Description
CATM.3524	BENSON STW	SU6290	HOWBERY DITCH	23/05/2023	Sewage - water company
CATM.3524	BENSON STW	SU6290	HOWBERY DITCH	23/05/2023	Sewage - water company
CATM.3596	NO 1 GRAMPS HILL	SU3727085150	THE LETCOMBE BROOK	18/12/1998	Sewage - not water company
CATM.3597	NO 2 GRAMPS HILL	SU3727085151	THE LETCOMBE BROOK	18/12/1998	Sewage - not water company
CATM.3614	THE CHESTNUTS	SP6911005100	THE MORETON DITCH	19/01/1999	Sewage - not water company
CATM.3616	NO 4 SALT LANE	SU7093099562	TRIBUTARY OF POSTCOMBE BROOK	20/01/1999	Sewage - not water company
CATM.3617	ASTON PARK STUD	SU7232198720	TRIBUTARY OF CHALFORD STREAM	25/01/1999	Sewage - not water company
CATM.3646	THE FLOWING SPRING PUBLIC HOUSE	SU7470076720	THE BERRY'S BROOK	15/02/1999	Sewage and Trade combined
CATM.3651	DIDCOT WASTEWATER TREATMENT WORKS	SU5191	MOOR DITCH	21/12/2021	Sewage - water company
CATM.3651	DIDCOT WASTEWATER TREATMENT WORKS	SU5191	MOOR DITCH	21/12/2021	Sewage - water company
CATM.3662	NO 6 SALT LAE	SU7093099561	TRIBUTARY OF CUTTLE BROOK	10/03/1999	Sewage - not water company
CAWM.0004	HILLTOP AND NORFOLK LODGE	SU5048099890	TRIBUTARY OF THE ABBEY STREAM	12/04/1999	Sewage - not water company
CAWM.0043	BLEWBURY RANCH	SU5364086600	TRIBUTARY OF THE MILL BROOK	01/09/1999	Sewage - not water company
CAWM.0045	KIDMORE END GAME FARM	SU7102077440	LAND	21/12/2012	Sewage - not water company
CAWM.0046	NOTCUTTS GARDEN CENTRE	SU5569097590	TRIB OF THE RIVER THAMES	22/06/1999	Sewage and Trade combined
CAWM.0057	THE POND HOUSE	SU2942088130	TRIB. OF THE UFFINGTON BROOK	09/07/1999	Sewage - not water company
CAWM.0091	MORETON FIELD FARM	SP6932003100	TRIBUTARY OF CUTTLE BROOK	06/12/1999	Sewage - not water company
CAWM.0107	CAVERSHAM HEATH GOLF CLUB	SU6946077220	INTO LAND	21/12/2012	Sewage - not water company
CAWM.0132	HOUSES AND OFFICES	SU2960094400	TRIBUTARY OF HOLYWELL BROOK	06/03/2000	Sewage - not water company
CAWM.0133	BROOK BARN	SU3821087020	THE LETCOMBE BROOK	07/03/2000	Sewage - not water company
CAWM.0135	BARN CONVERSION	SP6732000090	TRIBUTARY OF THE HASELEY BROOK	08/03/2000	Sewage - not water company
CAWM.0138	INGHAMS FARM	SU5061087280	TRIBUTARY OF THE MILL BROOK	14/03/2000	Sewage - not water company
CAWM.0152	NOS 1 AND 2 ZULU COTTAGES	SU2535086050	LERTWELL BROOK	10/05/2000	Sewage - not water company
CAWM.0153	THE WEDGES	SU5935083600	THE RIVER THAMES	09/05/2000	Sewage - not water company
CAWM.0156	STONOR DAIRY AND COACH HOUSE	SU7436089090	INTO LAND	21/12/2012	Sewage - not water company
CAWM.0160	EMERALD, RUBY AND SAPPHIRE COTTAGES	SU7089099750	TRIBUTARY OF CUTTLEBROOK	26/05/2000	Sewage - not water company
CAWM.0161	PUSEY HOUSE	SU3623096560	TRIBUTARY OF THE RIVER OCK	31/05/2000	Sewage - not water company
CAWM.0164	ASHURST COURT HOUSE AND OFFICES	SP6161004960	TRIBUTARY OF RIVER THAME	07/06/2000	Sewage - not water company
CAWM.0165	CHECKENDON EQUESTRIAN CENTRE	SU6636083510	INTO LAND	09/06/2000	Sewage - not water company

Permit Number	Site Name	NGR	Receiving Waterbody	Date Granted	Description
CAWM.0167	HADDEN FARM	SU5443090170	TRIBUTARY OF LADYGROVE BROOK	15/06/2000	Sewage - not water company
CAWM.0172	LAINS BARN	SU4241089100	TRIBUTARY OF COW COMMON BROOK	15/06/2000	Sewage - not water company
CAWM.0204	STAG HOUSE	SU5690095420	INTO LAND	22/06/2000	Sewage - not water company
CAWM.0220	NEW HOUSE	SP5663011300	OTMOOR LANE DITCH	25/07/2000	Sewage - not water company
CAWM.0221	BROADGATE HOUSE	SU3525196550	PUSEY STREAM	12/07/2000	Sewage - not water company
CAWM.0230	GLEBE VIEW	SU7089099560	A TRIBUTARY OF POSTCOMBE BROOK	25/10/2000	Sewage - not water company
CAWM.0241	HOUSE AND OFFICE COMPLEX	SU5668098480	BURCOT BROOK	08/08/2000	Sewage - not water company
CAWM.0265	THE BAILIFF'S HOUSE	SP5970001960	TRIBUTARY OF RIVER THAME	16/01/2001	Sewage - not water company
CAWM.0281	THE TROUT INN	SP3352000400	RIVER THAMES	27/02/2001	Sewage and Trade combined
CAWM.0302	BARN X	SP4552006740	TRIBUTARY OF FILCHAMPSTEAD BRK	09/05/2001	Sewage - not water company
CAWM.0311	THE OLD STABLE	SU2628085590	TRIBUTARY OF TUCKMILL BROOK	26/05/2001	Sewage - not water company
CAWM.0312	NEW HOUSE BEHIND THE OLD STABLE	SU2625085620	TRIBUTARY OF TUCKMILL BROOK	26/05/2001	Sewage - not water company
CAWM.0321	CARRIMERS FARM	SU5591084910	INTO LAND	21/12/2012	Sewage - not water company
CAWM.0335	THE OLD TOWN HOUSE	SU5435098710	TRIBUTARY OF RIVER THAMES	01/08/2001	Sewage - not water company
CAWM.0337	LOWER FARM	SP5654012270	TRIBUTARY OF OXON RIVER RAY	13/07/2001	Sewage - not water company
CAWM.0344	THE OLD THRESING BARN	SP6786006000	TRIBUTARY OF THE RIVER THAME	13/06/2001	Sewage - not water company
CAWM.0345	4 STEVENTON ROAD	SU4393	TRIB OF EAST HANNAY DITCH	26/07/2001	Sewage - not water company
CAWM.0351	RYCOTE ESTATE	SP6699005080	TRIBUTARY OF RIVER THAME	02/08/2001	Sewage - not water company
CAWM.0356	BINTS FARM HOUSE	SU7425077610	INTO LAND	22/08/2001	Sewage - not water company
CAWM.0361	THE WEIR CROFT	SU7722081600	A TRIBUTARY OF THE R.THAMES	22/08/2001	Sewage - not water company
CAWM.0377	SHEEPGROVE ORGANIC FARM	SU3620081890	INTO LAND	21/12/2012	Sewage and Trade combined
CAWM.0378	SITE OPPOSITE WILLOW COTTAGES	SU5877084080	INTO LAND	08/10/2001	Sewage - not water company
CAWM.0380	3 STEVENTON ROAD	SU4393	TRIBUTARY OF E.HANNEY DITCH	25/09/2001	Sewage - not water company
CAWM.0381	7 STEVENTON ROAD	SU4393	TRIBUTARY OF E.HANNEY DITCH	25/09/2001	Sewage - not water company
CAWM.0382	9 STEVENTON ROAD	SU4393	TRIBUTARY OF E.HANNEY DITCH	25/09/2001	Sewage - not water company
CAWM.0387	BEDLAM BARN	SU3626094730	TRIBUTARY OF THE RIVER OCK	08/10/2001	Sewage - not water company
CAWM.0401	DRAYTON MILL	SU4898093370	DRAYTOM MILL STREAM	13/04/2002	Sewage - not water company
CAWM.0425	NOS I - 3 LAVENDER CRESCENT AND	SU6566888700	INTO LAND	01/11/2001	Sewage - not water company

Permit Number	Site Name	NGR	Receiving Waterbody	Date Granted	Description
CAWM.0427	THE OLD MILL	SU2344093400	RIVER COLE	07/01/2002	Sewage - not water company
CAWM.0427	THE OLD MILL	SU2344093400	RIVER COLE	07/01/2002	Sewage - not water company
CAWM.0441	OLD WEST MILL FARMHOUSE AND COTTAGE	SU2316090790	TUCKMILL BROOK	05/03/2002	Sewage - not water company
CAWM.0445	ENGLISH FARM	SU6766085980	INTO LAND	21/12/2012	Sewage - not water company
CAWM.0448	LITTLE BALDON FARM & COACH HOUSE	SU5685098470	BURCOT BROOK	14/03/2002	Sewage - not water company
CAWM.0467	BARN 1	SU4471086570	INTO LAND	01/07/2002	Sewage - not water company
CAWM.0475	OAKLEY COURT	SU6448087960	TRIBUTARY OF THE RIVER THAMES	07/06/2002	Sewage - not water company
CAWM.0480	BOWBRIDGE BOATHOUSE	SU6064086930	RIVER THAMES	31/05/2002	Sewage - not water company
CAWM.0485	LITTLE PIGHTLE	SU7345085080	INTO LAND	31/05/2002	Sewage - not water company
CAWM.0487	PLOT 1 STONEY HENGE ROW	SU4602087331	INTO LAND	21/05/2002	Sewage - not water company
CAWM.0488	PLOT 2 STONEY HENGE ROW	SU4602087332	INTO LAND	21/05/2002	Sewage - not water company
CAWM.0489	PLOT 3, STONEY HENGE ROW	SU4602087333	INTO LAND	21/05/2002	Sewage - not water company
CAWM.0503	THE WHITE HORSE PUBLIC HOUSE	SU2939087790	UFFINGTON BROOK	02/07/2002	Sewage and Trade combined
CAWM.0548	THORNHILL PARK AND RIDE	SP5661007340	A TRIB OF THE BAYSWATER BROOK	04/11/2002	Sewage - not water company
CAWM.0552	SPORTS PAVILION	SU4311087940	THE LOCKINGE BROOK	27/09/2002	Sewage - not water company
CAWM.0557	MANOR FARM	SU4625094280	A TRIB OF THE RIVER OCK	30/10/2002	Sewage - not water company
CAWM.0559	RESERVOIR OUTFALL	SP4406	FARMOOR RESERVOIR STAGE 1	01/01/2010	Trade
CAWM.0565	HATTON FARM	SU2874097660	A TRIB OF THE FARINGDON BROOK	19/11/2002	Sewage - not water company
CAWM.0576	OSSE FIELD	SP4394001090	A TRIB OF THE MARCHAM BROOK	05/12/2002	Sewage - not water company
CAWM.0581	ACORN HOUSE	SU2940091850	A TRIB OF THE RIVER OCK	04/12/2002	Sewage - not water company
CAWM.0597	BUILDINGS T2 AND T3	SU5023092280	A TRIB OF THE MOOR DITCH	14/01/2003	Sewage - not water company
CAWM.0612	MIDSUMMER HOUSE	SU2950088510	THE UFFINGTON BROOK	31/01/2002	Sewage - not water company
CAWM.0652	RAGNELL FARMHSE AND HOLIDAY COMPLEX	SU3190098910	TRIBUTARY OF WALDLEY STREAM	12/06/2003	Sewage - not water company
CAWM.0716	WICKLESHAM LODGE	SU2954094150	INTO LAND	21/12/2012	Sewage - not water company
CAWM.0722	FIELD VIEW	SU3405088250	TRIB OF THE KINSTON LISLE STE	29/08/2003	Sewage - not water company
CAWM.0725	THE OLD BARN	SU2697096700	A TRIB OF FARINGDON BROOK	28/10/2003	Sewage - not water company
CAWM.0726	FARM OFFICE COMPLEX	SP7148004290	THE THAME ABBEY STREAM	28/07/2003	Sewage - not water company
CAWM.0733	GREENKEEPERS FACILITIES	SU7473083040	INTO LAND	12/07/2003	Sewage - not water company
CAWM.0736	OXFORD CREMATORIUM	SP5596008440	GROUNDWATER VIA A SOAKAWAY	21/12/2012	Sewage - not water company

Permit Number	Site Name	NGR	Receiving Waterbody	Date Granted	Description
CAWM.0765	WHITE POND FARM	SU7362089350	GROUNDWATER VIA A SOAKAWAY	02/01/2004	Sewage - not water company
CAWM.0786	THE NATIONAL TRUST	SU2257097900	INTO: LAND TRIB OF THE THAMES	23/01/2004	Sewage - not water company
CAWM.0811	THE OLD FARM HOUSE	SP6790005700	GROUNDWATER VIA A SOAKAWAY	01/03/2004	Sewage - not water company
CAWM.0815	ACORN SERVICE STATION	SU2932094770	GROUNDWATER VIA A SOAKAWAY	21/12/2012	Sewage - not water company
CAWM.0822	HIGHMOOR HALL	SU7011885242	INTO LAND	21/12/2012	Sewage - not water company
CAWM.0823	MAYS FARM COTTAGES	SU6560088880	INTO LAND	21/12/2012	Sewage - not water company
CAWM.0828	MAIDENSGROVE	SU7222988395	GROUNDWATER	10/05/2004	Sewage - not water company
CAWM.0846	LODGEMORE HOUSE	SU7101081880	GROUNDWATER	16/07/2004	Sewage - not water company
CAWM.0885	BARN FARM COTTAGE	SU6917582968	GROUNDWATER	06/07/2004	Sewage - not water company
CAWM.0890	THE GREEN TREE	SU7130583215	GROUNDWATER	11/08/2004	Sewage - not water company
CAWM.0896	HOLLY TREE COTTAGE	SU6918882675	GROUNDWATER VIA A SOAKAWAY	10/06/2004	Sewage - not water company
CAWM.0940	MOUNT PLEASANT FARM BARNS	SU3470097500	GROUNDWATER	21/12/2012	Sewage - not water company
CAWM.0973	6 ABINGDON ROAD AND TWO ADJACENT	SU5090094650	GROUNDWATER	21/12/2012	Sewage - not water company
CAWM.0986	1 & 2 CARSWELL FARM COTTAGES	SU3230098920	LAND AND WADLEY BROOK TRIB	22/02/2005	Sewage - not water company
CAWM.0995	WATLINGTON SPORTS	SU6911194909	GROUNDWATER	21/12/2012	Sewage - not water company
CAWM.1004	HUNTERCOMBE MANOR COMPLEX	SU6790687881	GROUNDWATER	21/12/2012	Sewage - not water company
CAWM.1016	NETTLEBED WWTW	SU7086	GW VIA AN INFILTRATION SYSTEM	14/11/2017	Sewage - water company
CAWM.1018	LAND ADJACENT TO TOWERSEY	SU4602487354	LAND	31/12/2004	Sewage - not water company
CAWM.1018	LAND ADJACENT TO TOWERSEY	SU4602487354	LAND	31/12/2004	Sewage - not water company
CAWM.1042	NOS 1 TO 6 FORESTRY COTTAGES	SU7150093000	GROUNDWATER	21/12/2012	Sewage - not water company
CAWM.1046	SPARSHOLT SEWAGE TREATMENT WORKS,	SU3454087810	SPARSHOLT STREAM	26/05/2005	Sewage - not water company
CAWM.1069	VIEWS FARM	SP6200002500	GROUNDWATER	21/12/2012	Sewage - not water company
CAWM.1070	CRANFORD HOUSE SCHOOL	SU5870084200	GROUNDWATER	21/12/2012	Sewage - not water company
CAWM.1073	TUBNEY WARREN HOUSE	SU4399099280	GROUNDWATER	21/12/2012	Sewage - not water company
CAWM.1075	OAKINGHAM HOUSE	SU6750085400	GROUNDWATER	21/12/2012	Sewage - not water company
CAWM.1082	TREETOPS	SU6930080130	INTO LAND	15/05/2005	Sewage - not water company
CAWM.1089	SWINFORD WATER TREATMENT WORKS	SP4408	THE RIVER THAMES	01/04/2010	Sewage - not water company
CAWM.1099	5 PITCH GYPSY SITE, ICKNEILD WAY,	SU6375089350	GROUNDWATER	21/12/2012	Sewage - not water company
CAWM.1103	FARMOOR RESERVOIR	SP4506	GROUNDWATER VIA INFILT SYSTEM	17/12/2018	Sewage - not water company

Permit Number	Site Name	NGR	Receiving Waterbody	Date Granted	Description
CAWM.1108	CHERRY GARTH	SU6886080200	LAND VIA BOREHOLE	17/03/2005	Sewage - not water company
CAWM.1122	GOLF DRIVING RANGE,	SU6515082170	GROUNDWATER	21/12/2012	Sewage - not water company
CAWM.1171	EARTH TRUST CENTRE	SU5631092550	GROUNDWATER VIA INFILTRATION	04/01/2017	Sewage - not water company
CAWM.1174	CRUMPLEHORN BARN & NORTH BARN	SU7337677789	GROUNDWATER VIA BOREHOLE	21/12/2012	Sewage - not water company
CAWM.1178	RYCOTE FARMHOUSE	SP6634704846	GROUNDWATER VIA SOAKAWAY	24/06/2005	Sewage - not water company
CAWM.1181	RECTORY COTTAGE	SU5456298596	LAND AND TRIB OF RIVER THAMES	04/07/2005	Sewage - not water company
CAWM.1202	FIVE HOUSE	SU7102077441	GROUNDWATER VIA SOAKAWAY	21/12/2012	Sewage - not water company
CAWM.1248	1-4 SOUTH COTTAGES	SU4158596734	GROUNDWATER VIA A SOAKAWAY	21/12/2012	Sewage - not water company
CAWM.1265	MERROW DOWN	SU2947988501	TRIBUTARY OF IFFINGTON BROOK	03/01/2006	Sewage - not water company
CAWM.1287	KEEPERS COTTAGE	SP4789403110	INTO LAND	03/04/2006	Sewage - not water company
CAWM.1316	BEETLE & WEDGE BOATHOUSE	SU5930983622	THE RIVER THAMES	30/06/2006	Sewage and Trade combined
CAWM.1403	CONSTABLE'S PIECE WWTW	SP5611	OTMOOR LANE DITCH	06/10/2023	Sewage - water company
CAWM.1420	DOWNSVIEW	SU4263596088	GROUNDWATER	21/12/2012	Sewage - not water company
CAWM.1422	LONG LEYS	SP5591405901	GROUNDWATER VIA SOAKAWAY	04/01/2013	Sewage - not water company
CAWM.1430	WATLINGTON HOUSE & 5 OUTBUILDINGS	SU7057392512	GROUNDWATER VIA A SOAKAWAY	21/12/2012	Sewage - not water company
CAWM.1447	ORATORY PREPARATORY SCHOOL	SU6359979899	GROUNDWATER VIA A SOAKAWAY	21/12/2012	Sewage - not water company
CAWM.1509	HOME FARMHOUSE,2 HOUSES WATERY LANE	SU3470587822	UNNAMED TRIB OF SPRASHOLT STRM	02/07/2007	Sewage - not water company
CNTD.0015	SONNING COMMON WWTW	SU7179	GROUNDWATER VIA BOREHOLES	17/12/2018	Sewage - water company
CNTD.0018	TETSWORTH STW	SP6802	LATCHFORD BROOK	01/04/2010	Sewage - water company
CNTD.0028	CHINNOR STW	SP7503	HENTON STREAM	23/05/2023	Sewage - water company
CNTD.0030	DRAYTON STW	SU4893	GINGE BROOK	31/03/2024	Sewage - water company
CNTD.0045	FOREST HILL WWTW	SP5908	POLECAT END DITCH	31/03/2020	Sewage - water company
CNTD.0053	WANTAGE WASTEWATER TREATMENT WORKS	SU4091	LETCOMBE BROOK	21/12/2021	Sewage - water company
CNTD.0061	HENLEY WASTEWATER TREATMENT WORKS	SU7684	FAWLEY COURT STREAM	20/12/2018	Sewage - water company
CNTD.0070	NUNEHAM COURTNEY STW	SU5599	BURCOT BROOK	23/05/2023	Sewage - water company
CNTM.0147	OXFORDSHIRE GOLF CLUB	SP6880004500	TRIBUTARY OFBENNETTS DITCH	13/03/1992	Sewage - not water company
CNTM.0273	NEW VILLAGE HALL	SU7183097700	LOWER CHALK	19/05/1992	Sewage - not water company
CNTM.0284	KIDMORE END CHURCH SCHOOL	SU6986079250	PLATEAU GRAVELS /UPPER CHALK.	21/12/2012	Sewage - not water company
CNTM.0324	RIDGEWAY LODGE HOTEL	SU4600087330	CHALK	21/12/2012	Sewage - not water company

Permit Number	Site Name	NGR	Receiving Waterbody	Date Granted	Description
CNTM.0326	GOOSEY STW	SU3544091910	TRIB OF THE STUTFIELD BROOK	29/06/1992	Sewage - not water company
CNTM.0350	THE GREYHOUND PUBLIC HOUSE	SP4605001880	TRIB OF MARCHAM BROOK	02/04/2019	Sewage - not water company
CNTM.0350	THE GREYHOUND PUBLIC HOUSE	SP4605001880	TRIB OF MARCHAM BROOK	02/04/2019	Sewage - not water company
CNTM.0397	THE STUDIO	SU7173090300	CHALK	21/07/1992	Sewage - not water company
CNTM.0475	DRAYTON MILL	SU4903093430	GINGE BROOK	12/10/1992	Sewage - not water company
CNTM.0482	FARMHOUSE, COTTAGE	SU6007091320	QUATERNARY TERRACE DEPOSITS	21/12/2012	Sewage - not water company
CNTM.0708	SHOTOVER KILN	SP5572006450	CORALLIAN	23/02/1993	Sewage - not water company
CNTM.1188	CLEEVE WATER TREATMENT WORKS	SU6081	RIVER THAMES	01/09/2020	Trade
CNTM.1196	EIGHT DWELLINGS	SU6695087300	READING BEDS	21/12/2012	Sewage - not water company
CNTM.1313	18 HOUSES AT THE GABLES	SU5930085200	MIDDLE CHALK	21/12/2012	Sewage - not water company
CNTM.1456	PLAYHATCH TREATMENT WORKS	SU7475	BERRY BROOK	05/11/1998	Trade
CNTM.1510	WATERSTOCK GOLF CLUB	SP6300005300	RIVER THAME	04/08/1994	Sewage - not water company
CNTM.1539	COLLEGE FARM	SU4250095900	RIVER OCK	04/08/1994	Sewage - not water company
CNTM.1616	NUNEHAM PARK CONFERENCE CENTRE	SU5410098100	THAMES	25/10/1994	Sewage - not water company
CNTM.1740	GROVE BUSINESS PARK	SU3790089700	WOODHILL BROOK	09/03/1995	Sewage - not water company
CNTM.1808	THE STAR INN	SU3477087730	SPARSHOLT STREAM	28/04/1995	Sewage - not water company
CNTM.1875	WOODHILL COTTAGES	SU3840089620	LAND	21/12/2012	Sewage - not water company
CNTM.1938	GYPSY SITE	SP6195005050	TERRACE GRAVELS	21/12/2012	Sewage - not water company
CNTM.1963	SHOTOVER KILN	SP5572006450	KIMMERIDGE CLAY SANDS	11/08/1995	Sewage - not water company
CNTW.0149	CLEEVE DIDCOT TRUNK MAIN	SU5489	TRIBUTARY OFTHE HAKKA'SBROOK	08/11/1989	Trade
CNTW.0324	THE CRICKET FIELD, STONOR	SU7350089100	SAND & GRAVEL OVERLYING CHALK	16/06/2006	Sewage - not water company
CNTW.0360	CHOLSEY WWTW	SU5987	CHOLSEY BROOK	23/05/2023	Sewage - water company
CNTW.0360	CHOLSEY WWTW	SU5987	CHOLSEY BROOK	23/05/2023	Sewage - water company
CNTW.0441	HARTSWOOD COTTAGES	SU5995079960	SANDY ALLUVIUM	25/04/1990	Sewage - not water company
CNTW.0469	CLUB PAVILLION, PEPPARD LAWN TENNIS	SU7100081600	PLATEAU GRAVEL O/L UPPER CHALK	16/06/2006	Sewage - not water company
CNTW.0475	HOME FARM COMPLEX	SU2540088600	TRIBUTARY OFTUCKMILL BROOK	16/05/1990	Sewage - not water company
CNTW.0511	NORTHFIELD FARM BARN	SU4056099270	CORALLIAN SANDS	25/05/1990	Sewage - not water company
CNTW.0721	MANOR FARM	SU3963086420	LOWER CHALK	21/09/1990	Sewage - not water company
CNTW.1041	FIELDINGS SITE	SU6390077500	UPPER CHALK	05/06/1991	Sewage - not water company

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CNTW.1125	PUSEY HOUSE	SU3621096670	GROUNDWATER	21/12/2012	Sewage - not water company
CNTW.1144	NORTHFIELD FARM BARN	SU4056099270	CORALLIAN O/L OXFORD CLAY.	22/07/1991	Sewage - not water company
CNTW.1293	WYFOLD COURT(80 RESIDENTIAL PROPS0	SU6834882427	BOROCOURT DITCH	01/06/1999	Sewage - not water company
CNTW.1313	PICCADILLY	SU3310089900	GAULT CLAY	30/10/1991	Sewage - not water company
CNTW.1391	FIELD BARN & EXTENSION	SP6285009370	OXFORD CLAY	21/12/2012	Sewage - not water company
CSSC.1011	CHARNEY BASSETT SEWAGE WORKS	SU3894	UN-NAMED TRIB OF THE RIVER OCK	01/04/2010	Sewage - water company
CSSC.1014	BUCKLAND STW	SU3498	UN-NAMED TRIB OF SHARE DITCH	01/04/2010	Sewage - water company
CSSC.1037	BOURTON STW	SU2287	LENTA BROOK(EAST)	01/04/2010	Sewage - water company
CSSC.1044	CUDDESDEN SEWAGE TREATMENT WORKS	SP5902	DENTON BROOK	01/04/2010	Sewage - water company
CSSC.1082	BUSCOT STW	SU2397	RIVER THAMES	01/04/2010	Sewage - water company
CSSC.1090	COLESHILL STW	SU2393	RIVER COLE	01/04/2010	Sewage - water company
CSSC.1363	EATON HASTINGS STW	SU2596	EATON HASTINGS DITCH	01/04/2010	Sewage - water company
CSSC.1365	ELSFIELD STW	SP5310	UN-NAMED TRIB OF BAYSWATER BK.	01/04/2010	Sewage - water company
CSSC.1377	GREAT MILTON STW	SP6203	MILTON DITCH	01/04/2010	Sewage - water company
CSSC.1401	LEWKNOR WASTEWATER TREATMENT WORKS	SU7198	LEWKNOR BROOK	21/12/2021	Sewage - water company
CSSC.1403	LITTLE MILTON STW	SP6200	GAINSBRIDGE BROOK	01/04/2010	Sewage - water company
CSSC.1404	LITTLEWORTH STW	SU3197	WADLEY STREAM	01/04/2010	Sewage - water company
CSSC.1431	SHELLINGFORD STW	SU3293	HOLYWELL BROOK	01/04/2010	Sewage - water company
CSSC.1438	STADHAMPTON STW	SU6097	UN-NAMED TRIB OF RIVER THAME	01/04/2010	Sewage - water company
CSSC.1440	STANTON ST JOHN WWTW	SP5809	MOORBRIDGE BROOK	31/03/2020	Sewage - water company
CSSC.1442	STREATLEY STW	SU5981	RIVER THAMES	01/04/2010	Sewage - water company
CSSC.1447	TIDDINGTON SEWAGE TREATMENT WORKS	SP6405	TIDDINGTON BROOK	01/04/2010	Sewage - water company
CSSC.1448	TOWERSEY STW	SP7305	TOWERSEY BROOK	01/04/2010	Sewage - water company
CSSC.1450	UFFINGTON STW	SU3089	UFFINGTON BROOK	01/04/2010	Sewage - water company
CSSC.1454	WHITCHURCH STW	SU6377	RIVER THAMES	01/04/2010	Sewage - water company
CSSC.1458	WOODEATON STW	SP5311	UN-NAMED TRIB OF R. CHERWELL	01/04/2010	Sewage - water company
CSSC.2317	STANFORD IN THE VALE STW	SU3492	THE RIVER OCK	31/07/2023	Sewage - water company
CSSC.2324	SHRIVENHAM STW	SU2489	TUCKMILL BROOK	01/04/2010	Sewage - water company
CSSC.2329	WATLINGTON WWTW	SU6795	PYRTON STREAM	31/03/2020	Sewage - water company

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CSSC.2332	WHEATLEY STW	SP6005	WHEATLEY DITCH	21/09/2018	Sewage - water company
CSSC.2343	FARINGDON WWTW	SU2796	FARINGDON BROOK	22/12/2022	Sewage - water company
CSSC.2363	LONG WITTENHAM STW	SU5594	RIVER THAMES	01/04/2010	Sewage - water company
CSSC.2367	SOUTH MORETON WWTW	SU5688	MILL BROOK	31/03/2020	Sewage - water company
CSSC.2372	DORCHESTER STW	SU5893	RIVER THAME	01/04/2010	Sewage - water company
CSSC.2374	CULHAM STW	SU5395	CLIFTON HAMPDEN DITCH	01/04/2009	Sewage - water company
CSSC.2453	APPLETON WASTEWATER TREATMENT WORKS	SU4399	MARCHAM BROOK	23/05/2023	Sewage - water company
CSSC.2465	CHALGROVE WWTW	SU6498	WARPSGRAVE DITCH	23/05/2023	Sewage - water company
CTCR.0527	STW	SP5620000800	TRIB OF BALDON BROOK	12/07/1962	Sewage - not water company
CTCR.1158	THAME WASTEWATER TREATMENT WORKS	SP7106	LASHLAKE STREAM	21/12/2021	Sewage - water company
CTCR.1570	STW, THE MILL	SU7545075780	RIVER THAMES	22/01/1992	Sewage - not water company
CTCR.1804	ABINGDON SEWAGE TREATMENT WORKS	SU4995	ODHAY HILL DITCH/RIVER THAMES	10/06/2019	Sewage - water company
CTCR.1846	GORING STW	SU6082	THAMES	01/04/2010	Sewage - water company
CTCR.2011	KINGSTON BAGPUIZE WWTW	SU4097	BAGPUIZE BROOK	16/01/2024	Sewage - water company
CTCR.2128	PREMISES AT CHALLOW STATION	SU3500091100	TRIB OF STUTFIELD BROOK	25/04/1984	Sewage - not water company
CTCU.0052	HOUSING SITE STW	SU7540080900	GROUNDWATER SOAKAWAY	21/12/2012	Sewage - not water company
CTCU.0055	HOUSING SITE STW	SU6370085400	G/WATER VIA SOAKAWAY	21/12/2012	Sewage - not water company
CTCU.0552	NUFFIELD STP	SU6726287091	GROUNDWAATER VIA BOREHOLE	20/12/2011	Sewage - not water company
CTCU.1243	JACK PEERS FIELD CENTRE	SP6150002500	PORTLAND BEDS STRATA	05/02/2013	Sewage - not water company
CTTR.1415	STW	SU5990091900	THAMES	20/01/1992	Sewage - not water company
CTWC.0433	GREENACRES NURSERY, READING ROAD, H	SU7685080060	GRAVEL	18/10/1985	Sewage - not water company
CTWC.0651	THE ORCHARD	SU6095596836	UNNAMED TRIB OF RIVER THAME	11/02/1986	Sewage - not water company
CTWC.0755	LORNA DOONE	SU7082099480	POSTCOMBE BROOK	25/03/1986	Sewage - not water company
CTWC.0870	GARDEN COTTAGE	SU7400093000	UPPER CHALK	12/05/1986	Sewage - not water company
CTWC.1027	HENLEY GOLF CLUB	SU7545080800	CHALK	22/07/1986	Sewage - not water company
CTWC.1041	WATERCRESS BEDS	SU3740085180	CHALK	17/12/2012	Sewage - not water company
CTWC.1172	THE PACK HORSE PUBLIC HOUSE	SU6920078200	PLATEAU GRAVEL	21/12/2012	Sewage - not water company
CTWC.1501	THE HUT	SP7540000800	UPPER GREENSAND	03/03/1987	Sewage - not water company
CTWC.1586	READING GOLF CLUB	SU7143077140	PLATEAU GRAVLS O/L CHALK	12/05/1987	Sewage - not water company

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CTWC.1784	GLEBE BARN	SU6530095100	BRIGHTWELL BROOK	29/07/1987	Sewage - not water company
CTWC.1919	FRIAR PARK STABLES	SU7470083000	GRAVEL	06/10/1987	Sewage - not water company
CTWC.2074	MARCHAM FIELD RESEARCH STATION	SU4623097450	CORRALLIAN	02/12/1987	Sewage - not water company
CTWC.2292	LAND TO THE WEST OF GREYS COURT	SU7240083300	GROUNDWATER VIA INFILT SYSTEM	06/04/2020	Sewage - not water company
CTWC.2334	SITE OFFICE	SU3103095020	CORALLIAN SAND	30/03/1988	Sewage - not water company
CTWC.2343	BUILDERS YARD STORAGE SHED	SU7420076100	GRAVEL	06/04/1988	Sewage - not water company
CTWC.2345	NEW INN BARN	SP5560010100	CORALLIAN SAND	15/04/1988	Sewage - not water company
CTWC.2380	BREMHILL PARK GOLF CLUB	SU2410089700	CORALLIAN LIMESTONE	21/12/2012	Sewage - not water company
CTWC.2421	THE OLD CHURCH	SU7147092990	CLAY WITH FLINTS	17/05/1988	Sewage - not water company
CTWC.3190	OFFICES	SP7266005510	BLACKDITCH	11/04/1989	Sewage - not water company
CTWC.3204	FORMER PUMPING STATION	SP7288006250	BLACK DITCH	13/04/1989	Sewage - not water company
CTWC.3426	BOW BRIDGE, CHOLSEY, NEAR WALLINGFO	SU6060086900	RIVER THAMES	30/06/1989	Sewage - not water company
CTWC.3592	MOULSFORD PREPARATORY SCHOOL	SU5929084441	UN-NAMED TRIB OF R. THAMES	24/07/1989	Sewage - not water company
EPRAB3298EH	COURT HILL TRUST	SU3937484984	GROUNDWATERS	14/04/2016	Sewage - not water company
EPRAP3325XJ	APPLEFIELD AND PORTHKERRY	SU2388286632	TUCKMILL BROOK	03/06/2010	Sewage - not water company
EPRBB3190RX	BADGERS MOON	SU6720381533	GROUND VIA A BOREHOLE	24/07/2014	Sewage - not water company
EPRBB3291AW	ABERLASH HOUSE	SU7541275746	GROUNDWATER	28/08/2014	Sewage - not water company
EPRBB3298AG	CORNER COTTAGE	SU2951288630	TRIB. OF UFFINGTON BROOK	04/08/2014	Sewage - not water company
EPRBB3592EU	PLOT 2 THE FORMER NO 85	SU6034281967	GROUND VIA INFILTRATION SYSTEM	10/10/2014	Sewage - not water company
EPRBB3592NN	PLOT 1 THE FORMER NO 85	SU6035281987	GROUND VIA INFILTRATION SYSTEM	10/10/2014	Sewage - not water company
EPRBB3597AF	ST MARY THE VIRGIN	SU3600787765	GROUNDWATER VIA TRENCH ARCH	30/09/2014	Sewage - not water company
EPRCB3391AD	GUYDENS HAMLET	SP5625503306	GROUNDWATER VIA AN INFILTRATIO	30/04/2015	Sewage - not water company
EPRCB3597WH	101 BAGLEY WOOD ROAD	SP5165601442	TRIBUTARY OF THE RIVER THAMES	24/04/2015	Sewage - not water company
EPRCB3694NY	1-8 CROOM COTTAGES	SU4755489229	GROUNDWATER VIA SOAKAWAY	17/06/2015	Sewage - not water company
EPRCB3694NY	1-8 CROOM COTTAGES	SU4755489229	GROUNDWATER VIA SOAKAWAY	17/06/2015	Sewage - not water company
EPRCB3694NY	1-8 CROOM COTTAGES	SU4755489229	GROUNDWATER VIA SOAKAWAY	17/06/2015	Sewage - not water company
EPRCB3694NY	1-8 CROOM COTTAGES	SU4755489229	GROUNDWATER VIA SOAKAWAY	17/06/2015	Sewage - not water company
EPRCB3694NY	1-8 CROOM COTTAGES	SU4755489229	GROUNDWATER VIA SOAKAWAY	17/06/2015	Sewage - not water company

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EPRCB3694NY	1-8 CROOM COTTAGES	SU4755489229	GROUNDWATER VIA SOAKAWAY	17/06/2015	Sewage - not water company
EPRCB3854TL	PINFOLD GREYS GREEN - PLOT 1 STP	SU7210682880	GW VIA PERCOLATION TUNNELS	06/12/2023	Sewage - not water company
EPRCP3127GG	WOODSIDE FARMHOUSE, COURTYARD BARN	SU5535897607	GROUNDWATER VIA SOAKAWAY	08/06/2010	Sewage - not water company
EPRCP3127GG	WOODSIDE FARMHOUSE, COURTYARD BARN	SU5535897607	GROUNDWATER VIA SOAKAWAY	08/06/2010	Sewage - not water company
EPRDB3052TK	PINFOLD GREYS GREEN - PLOT 2 STP	SU7214782891	GW VIA PERCOLATION TUNNELS	06/12/2023	Sewage - not water company
EPRDB3096EU	57 WALLINGFORD ROAD	SU6024181749	GROUNDWATER	13/11/2015	Sewage - not water company
EPRDB3190NM	DEV AT WALLINGFORD & WHITE HOUSE RD	SU6135586010	GROUNDWATER VIA INFILTRATION	27/09/2013	Sewage - not water company
EPRDB3290NX	1-8 BIX COMMON	SU7293185468	GROUNDWATER VIA A SOAKAWAY	09/10/2013	Sewage - not water company
EPRDB3399AZ	GSHP AT THE MILL AT SONNING THEATRE	SU7538975785	MILL STREAM	15/01/2016	Sewage - not water company
EPRDB3599WE	LAND AT REAR OF 18-42	SU5903583535	RIVER THAMES VIA HIGHWAY DRAIN	28/06/2018	Sewage - not water company
EPRDB3790NV	1-14 HORSEPOND ROAD	SU6884080159	GROUNDWATER VIA A SOAKAWAY	09/10/2013	Sewage - not water company
EPRDB3793EZ	30 HOUSES & SPORTS PAVILION NR A415	SU4136097604	GROUNDWATER VIA A SOAKAWAY	01/09/2016	Sewage - not water company
EPRDP3929GM	SWALLOWS	SU2691693772	TRIB OF OLD RIVER COLE	03/09/2010	Sewage - not water company
EPREB3091RT	HARPSDEN WOOD HOUSE	SU7573780498	GROUNDWATER VIA CRATE SOAKAWAY	01/06/2016	Sewage - not water company
EPREB3095VY	BLACKMOOR FARM	SU7281693014	GROUNDWATER VIA A RING SOAKAWA	19/04/2016	Sewage - not water company
EPREB3395WM	THE FOLLY	SP7241001220	TRIBUTARY OF CUTTLE BROOK	21/07/2016	Sewage - not water company
EPREB3893WH	PARK ROAD	SU2952594818	UNNAMED DRAIN TO RIVER OCK	29/09/2016	Sewage - not water company
EPRFB3098RP	BRIDLEWAY BARN	SU7637198545	GROUNDWATER	07/10/2016	Sewage - not water company
EPRFB3394NA	LAND AT REAR OF THE OLD CHAPEL	SU6886480088	GROUNDWATER VIA BOREHOLE	24/11/2016	Sewage - not water company
EPRFB3394RJ	LAND AT REAR OF THE OLD CHAPEL	SU6886480088	GROUNDWATER VIA BOREHOLE	24/11/2016	Sewage - not water company
EPRFB3490EL	TOILET BLOCK AT NURSERY FARM	SU6073179817	THE RIVER THAMES	08/12/2016	Sewage - not water company
EPRFP3525GN	BLEWBURY SPORTS PAVILLION	SU5257385592	GROUNDWATER VIA AN INFILT SYS	11/01/2011	Sewage - not water company
EPRGB3094EM	POUND HOUSE	SU3587192032	DITCH TRIBUTARY LAND BROOK	30/06/2017	Sewage - not water company
EPRGB3096AM	ST MARGARETS FIELD PLOT 1	SU7064496828	TRIBUTARY OF LEWKNOR BROOK	30/05/2017	Sewage - not water company
EPRGB3096WS	WALNUT COTTAGE NEW HOUSE	SU7397085509	ASSENDON SPRING	26/04/2017	Sewage - not water company
EPRGB3097EH	WALNUT COTTAGE	SU7397785489	TRIB OF FAWLEY COURT DITCHES	01/05/2017	Sewage - not water company
EPRGB3190RF	BRAEMAR HOUSE	SU7066496849	TRIBUTARY OF LEWKNOR BROOK	30/05/2017	Sewage - not water company
EPRGB3298WH	KING'S LOCK RELIEF FACILITY	SP4798410183	RIVER THAMES	08/08/2017	Sewage - not water company

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EPRGB3497AN	DORMERS	SU6884180077	GROUNDWATER VIA A BOREHOLE	19/09/2017	Sewage - not water company
EPRGB3499DY	WESCOT FARM	SU3385187584	GROUNDWATER	20/07/2017	Sewage - not water company
EPRHB3190RC	BRAMLEY HOUSE	SU6999681731	GROUNDWATER VIA INFILTRATION	17/11/2017	Sewage - not water company
EPRHB3393DK	8 PROPERTIES AT SALT LANE	SU7092199476	GROUNDWATER	16/01/2018	Sewage - not water company
EPRHB3491EG	THE LITTLE OWLS	SU3862498872	GROUNDWATER VIA BOREHOLE	25/01/2018	Sewage - not water company
EPRHB3590EG	INISFREE	SU7007179189	INTO LAND	31/01/2018	Sewage - not water company
EPRHB3691VM	WITHERIDGE HILL FARM	SU6957784223	GROUNDWATER VIA INFILTRATION	02/02/2018	Sewage - not water company
EPRHB3697AR	HALFACRE	SU7254485300	GROUNDWATER VIA BOREHOLE	10/04/2018	Sewage - not water company
EPRHP3921GV	SPORTS PAVILION	SU6887080283	GROUNDWATERS	06/05/2011	Sewage - not water company
EPRJB3390NN	SOHA HOUSING LIMITED	SU6138186069	GROUNDWATER	25/09/2013	Sewage - not water company
EPRJP3220PF	MINSTRELS STP	SU7641979759	INTO GROUND VIA A BOREHOLE	12/04/2023	Sewage - not water company
EPRJP3821GV	CRANFORD HOUSE SCHOOL	SU5877984140	GW VIA AN INFILTRATION SYSTEM	15/08/2012	Sewage - not water company
EPRJP3826GS	THE TEA ROOM & 8 PROPERTIES	SU2411596857	LITTLE LAKE TRIB OF R. THAMES	26/05/2011	Sewage - not water company
EPRKB3052TE	LETCOMBE BOWERS MANAGEMENT COMPANY	SU3849182763	TO GROUND VIA INF SYSTEM	06/02/2024	Sewage - not water company
EPRKB3390EX	OAKFIELD HOUSE	SU7669579731	GW VIA INFILTRATION SYSTEM	16/07/2018	Sewage - not water company
EPRKB3796VR	CHURCH OF ST MARY	SU5485094036	GW VIA A TRENCH ARCH SYSTEM	15/10/2018	Sewage - not water company
EPRKB3799EK	BLANDINGS	SU7617499582	GW VIA CONCRETE SOAKAWAY	02/02/2022	Sewage - not water company
EPRKP3324XX	PARK FARM BARNS	SU6229980989	GROUNDWATER	09/06/2011	Sewage - not water company
EPRLB3095DH	COOMBE HILL HOUSE	SU6745187732	GROUNDWATER	24/06/2019	Sewage - not water company
EPRLB3191RA	1&2 BANKSIDE COTTAGES	SU7091499638	GW VIA CONCRETE SOAKAWAY	25/09/2018	Sewage - not water company
EPRLB3196NP	CAMPIONS STP	SU7508784911	GROUND VIA BOREHOLE	22/10/2018	Sewage - not water company
EPRLB3396NM	CROSSWAYS STP TO BOREHOLE	SU6996581717	GROUNWATER VIA BOREHOLE	08/11/2018	Sewage - not water company
EPRLB3597NH	FAIRWAY HOUSE	SU6743087729	GROUNDWATER	24/06/2019	Sewage - not water company
EPRLB3690RS	MOLLIE'S MOTEL	SU3486397522	TRIBUTARY OF RIVER OCK	26/02/2019	Sewage - not water company
EPRLB3699VP	THE PALM TREE STP	SU6788979501	LAND (INTO)	15/04/2019	Sewage - not water company
EPRLB3898VS	BREMONT HEADQUARTERS	SU7683581137	GROUNDWATER	29/08/2019	Sewage - not water company
EPRLP3024GK	TRENCH ARCH AT ST ANDREWS CHURCH	SU5985983587	INTO LAND	15/04/2013	Sewage - not water company
EPRLP3327XZ	1 - 3 THE OLD QUARRY WORKS	SU6233385896	GROUND	28/06/2011	Sewage - not water company
EPRLP3528XR	PLOT 4 DRAYS LANE	SU7107281703	GROUNDWATER VIA TUNNEL S/A	07/09/2011	Sewage - not water company

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EPRLP3529GM	PLOT 5 DRAYS LANE	SU7107681717	GROUNDWATER VIA TUNNEL S/A	07/09/2011	Sewage - not water company
EPRLP3529XY	PLOT 6 DRAYS LANE	SU7107981747	GROUNDWATER VIA TUNNEL S/A	07/09/2011	Sewage - not water company
EPRLP3620XU	7, 8 AND 9 DRAYS LANE	SU7107381671	GROUNDWATER VIA A BOREHOLE	07/01/2020	Sewage - not water company
EPRMB3052GM	1 LOWER WHITLEY ROAD	SP4530905747	TRIB OF RIVER THAMES	25/09/2023	Sewage - not water company
EPRMB3052TW	MULBERRY HOUSE	SP5596505788		06/02/2024	Sewage - not water company
EPRMP3921GY	KEEPERS COTTAGE	SU6283080786	GROUNDWATER	06/09/2011	Sewage - not water company
EPRNB3193WU	WICKETS STP AND BOREHOLE	SU7119481581	GROUNDWATER	04/07/2019	Sewage - not water company
EPRNB3697RA	CHURCH OF ST MARY THE VIRGIN TA	SU6338985731	GW VIA A TRENCH ARCH SYSTEM	12/12/2019	Sewage - not water company
EPRNB3832AZ	ST JOHN THE BAPTIST CHURCH	SU5916184130	GROUNDWATER VIA TRENCH ARCH	03/07/2013	Sewage - not water company
EPRNP3320XB	1-6 NORTON COTTAGES STP & INFIL SYS	SU6535194389	GROUNDWATER VIA INFILT SYSTEM	08/11/2011	Sewage - not water company
EPRNP3321XL	1 -12 MARYLANDS GREEN	SU5798598770	UNNAMED TRIB OF BALDON BROOK	08/12/2011	Sewage - not water company
EPRNP3322XU	1-12 PENNY ROYAL	SU6475380027	GROUNDWATER	15/12/2011	Sewage - not water company
EPRNP3323GN	2-8 GLEBE COTTAGES	SU7083599625	CUTTLE BROOK VIA ROAD SIDE DRN	20/12/2011	Sewage - not water company
EPRNP3323KA	CHURCH LANE	SU7119681681	GROUNDWATER VIA BOREHOLE	19/12/2011	Sewage - not water company
EPRNP3323XG	1-10 RUSSELL'S WATER	SU7074589887	GROUNDWATER VIA BOREHOLE	16/12/2011	Sewage - not water company
EPRPB3294WF	LYNWOOD	SU4188993646	LETCOMBE BROOK	01/02/2022	Sewage - not water company
EPRPB3295DA	BAGLEY WOOD LODGE STP	SP5173501883	TRIBUTARY OF THE RIVER THAMES	18/10/2019	Sewage - not water company
EPRPB3297EQ	RAGNELL BARN	SU3186198912	TRIBUTARY OF WADLEY STREAM	04/12/2019	Sewage - not water company
EPRPB3798EF	THE HEATH	SU6979682160	GROUNDWATER	06/03/2020	Sewage - not water company
EPRPB3997WG	HILL BARN	SU6446885910	GROUNDWATER	10/06/2020	Sewage - not water company
EPRPP3128XE	RYCOTE LANE FARM	SP6627803852	DRY DITCH TO THE RIVER THAME	19/01/2012	Sewage - not water company
EPRPP3525GP	LONG BARN	SU3817886942	LETCOMBE BROOK	02/12/2011	Sewage - not water company
EPRQB3035AX	CHIMNEY CORNER	SU7059583486	BOREHOLE	30/04/2013	Sewage - not water company
EPRQB3295ED	OLDFIELD	SU2739594730	GROUNDWATER VIA INFILTRATION	28/05/2020	Sewage - not water company
EPRQB3491EV	FORMER EAST CHALLOW COUNTRY CLUB	SU3805089056	TRIBUTARY OF WOODHILL BROOK	01/11/2020	Sewage - not water company
EPRQB3798AK	ST PAUL'S STP AND BOREHOLE	SU7003784317	GROUNDWATER VIA A BOREHOLE	17/06/2020	Sewage - not water company
EPRQB3992EM	SHAWS FIELD BARN STP	SU7595299224	GROUNDWATER	01/09/2020	Sewage - not water company
EPRQB3998RU	PHEASANTS COPSE STP	SU7168682886	GROUNDWATER	15/05/2020	Sewage - not water company
EPRRB3438AY	FAWLER BROOK STP	SU3198588161	A TRIBUTARY OF STUTFIELD BROOK	11/04/2013	Sewage - not water company

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EPRRB3897VX	HIGHWALL HOUSE STP	SU7524978383	TRIB OF RIVER THAMES	02/09/2020	Sewage - not water company
EPRRP3523XE	SOUTHWOOD LODGE	SU7607879910	GROUNDWATER	20/03/2012	Sewage - not water company
EPRSB3092WX	NUTTALLS FARM STP AND BOREHOLE	SU7145089422	GROUNDWATER VIA A BOREHOLE	17/08/2020	Sewage - not water company
EPRSB3299WP	MILL COTTAGE	SU3804694385	MILL RACE (TRIB OF RIVER OCK)	20/10/2020	Sewage - not water company
EPRSB3394AA	YEW TREE COTTAGE AND YEW TREE HOUSE	SU6895880134	GW - BOREHOLE	03/11/2020	Sewage - not water company
EPRSB3397NZ	VICARAGE FARMHOUSE	SU3171290202	DITCH TRIB STUTFIELD BROOK	16/10/2020	Sewage - not water company
EPRSB3693RE	WYCHWOOD BARN STP	SU6919988537	GROUNDWATER VIA A BOREHOLE	03/12/2020	Sewage - not water company
EPRTB3094RX	CHALLOW STATION COMPOUND	SU3561090585	TRIBUTARY OF LAND BROOK	26/01/2021	Sewage - not water company
EPRTB3191VX	LASHLAKE NURSERIES	SP7334704755	KINGSEY CUTTLE BROOK	22/02/2021	Sewage - not water company
EPRTB3534AW	HORSEPOND ROAD	SU6881480079	GROUNDWATER	03/10/2013	Sewage - not water company
EPRTB3594NC	SWANWOOD STP	SU6964185588	GW VIA AN INFILTRATION SYSTEM	28/03/2022	Sewage - not water company
EPRUB3656TY	JOINTERS FARM	SP6691301700	DITCH TRIBUTARY HASELEY BROOK	15/02/2024	Sewage - not water company
EPRUB3891RW	MERLINS STP	SU7089889444	GROUNDWATER VIA BOREHOLE	28/06/2021	Sewage - not water company
EPRUP3521GY	ASH FARM	SU7565679856	GROUNDWATER VIA A BOREHOLE	08/06/2012	Sewage - not water company
EPRVB3091RS	SHARON STP	SU7004979212	GROUNDWATER VIA BOREHOLE	12/07/2021	Sewage - not water company
EPRVB3095WE	WESTMILL WIND FARM	SU2465391286	GROUNDWATER VIA INFILTRATION	03/09/2021	Sewage - not water company
EPRVB3192RX	GREEN END BARN	SP7388304814	TRIB OF KINGSEY CUTTLE BROOK	22/06/2021	Sewage - not water company
EPRVB3498EF	PEACOCK BARN STP	SU7629080903	POND DITCH TRIB RIVER THAMES	07/07/2021	Sewage - not water company
EPRVB3792NN	BABLAKES HOUSE	SU3836287130	LETCOMBE BROOK	04/08/2022	Sewage - not water company
EPRVB3996WF	NEW BUILD PROPERTY CHIMNEY CORNER	SU7059083459	GROUNDWATER VIA BOREHOLE	01/02/2022	Sewage - not water company
EPRWB3391WN	MERLIN HOUSE	SP7335604785	TRIBUTARY OF CUTTLE BROOK	31/05/2022	Sewage - not water company
EPRWB3397EK	WOODLANDS STP	SU6467281150	GROUNDWATER VIA A BOREHOLE	13/06/2022	Sewage - not water company
EPRWB3398VL	GREENMORE STP	SU6457281182	GROUNDWATER VIA A BOREHOLE	26/05/2022	Sewage - not water company
EPRWB3691AJ	4 AND 5 ROCKY LANE STP	SU7158783862	GROUNDWATER	30/06/2022	Sewage - not water company
EPRWB3691AJ	4 AND 5 ROCKY LANE STP	SU7158783862	GROUNDWATER	30/06/2022	Sewage - not water company
EPRWP3925PP	APPLE ASH	SU7630579864	GROUNDWATER VIA A BOREHOLE	02/05/2023	Sewage - not water company
EPRXB3190EE	SUMMERHILL PARK	SU7618580221	GROUNDWATER	24/03/2023	Sewage - not water company
EPRXB3295WY	COATES FARM	SU6935990888	GROUNDWATER	01/09/2022	Sewage - not water company
EPRXB3392EQ	BUTLERS FARM HOUSE	SU6980079044	GROUNDWATER	15/08/2022	Sewage - not water company

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EPRXB3495AL	PARK GATE	SU7232988831	GROUNDWATER VIA BOREHOLE	05/10/2022	Sewage - not water company
EPRXB3497RP	JANES	SU6966483952	GROUNDWATER	09/11/2022	Sewage - not water company
EPRXB3792NV	ROYAL COLLEGE OF SCIENCE	SU2491189211		23/01/2023	Sewage - not water company
EPRXP3623XQ	LOWER BOLNEY FARM	SU7727280612	UN-NAMED DITCH TO RIVER THAMES	01/10/2012	Sewage - not water company
EPRXP3625GH	KINGFISHER COTTAGE	SU6093479788	GROUNDWATER	20/09/2012	Sewage - not water company
EPRXP3629GA	CRAYSLEAZE	SU6971679426	INTO LAND	10/10/2012	Sewage - not water company
EPRYB3090NQ	1-4 PARK CORNER	SU6926488786	GROUNDWATER VIA A SOAKAWAY	09/10/2013	Sewage - not water company
EPRYB3190NB	19 - 22 BIX COMMON	SU7277185425	GROUNDWATER VIA INFILTRATION	24/09/2013	Sewage - not water company
EPRYB3193NG	ST HUGH'S SCHOOL S.T TO REED BED	SU3254297728	TRIB OF WADLEY STREAM	01/05/2014	Sewage - not water company
EPRYB3390NU	VALLEY COTTAGES	SU7393385547	GROUNDWATER VIA A SOAKAWAY	09/10/2013	Sewage - not water company
EPRYB3590NT	1-6 CHURCH CLOSE	SU7276882347	GROUNDWATER VIA SOAKAWAY	25/09/2013	Sewage - not water company
EPRYB3695EC	HIGH MEADOW STP	SU6718881529	GROUNDWATER	09/08/2022	Sewage - not water company
EPRYB3790NZ	1 - 4 JANETS GROVE	SU6362285323	GROUNDWATER VIA INFILTRATION	24/09/2013	Sewage - not water company
EPRYB3890NE	13-18 BIX COMMON	SU7281885443	GROUNDWATER VIA SOAKAWAY	25/09/2013	Sewage - not water company
EPRYB3990NW	9-12 BIX COMMON	SU7285185419	GROUNDWATER VIA INFILTRATION	27/09/2013	Sewage - not water company
EPRYB3999DB	FORMER DIDCOT A POWER STATION SITE	SU51279175	MOOR DITCH	02/11/2023	Sewage - not water company
EPRZB3497WG	GREENWICH COTTAGE	SU6976079107	GROUNDWATER	11/01/2023	Sewage - not water company
EPRZB3599RK	LITTLE FARM STP	SU6909284686	GROUNDWATER VIA DRAINAGE MOUND	09/03/2023	Sewage - not water company
EPRZB3691VJ	WALNUT COTTAGE PTP	SU2759993499	TRIB OF RIVER COLE	04/04/2023	Sewage - not water company
NPSWQD000443	HENLEAZE FARM	SU2822191166	DITCH TRIB OFTHE RIVER OCK	01/04/2009	Sewage and Trade combined
NPSWQD000533	TOILETS TO TEA ROOMS	SU6706176646	GROUND WATERS VIA A SOAKAWAY	21/12/2012	Sewage and Trade combined
NPSWQD002397	PLOTS 1 2 AND 3	SP5666611028	GROUND VIA SOAKAWAY	21/12/2012	Sewage - not water company
NPSWQD002726	YOULBURY SCOUT ACTIVITY CENTRE	SP4848703577	TRIB OF HINKSEY STREAM	29/08/2008	Sewage - not water company
NPSWQD003363	CLIFTON LOCK HOUSE	SU5470094700	GW VIA SOAKAWAY	11/09/2008	Sewage - not water company
NPSWQD004259	BARN HOUSE, FIELD VIEW BARN,	SU7092377483	GW VIA BOREHOLE	21/12/2012	Sewage - not water company
NPSWQD006603	CROWN INN	SU7242989951	GW VIA SOAKAWAY	21/12/2012	Sewage and Trade combined
NPSWQD007138	WILDLIFE CONSERVATION REASEARCH UNI	SU4347498907	GROUND WATERS VIA A SOAKAWAY	21/12/2012	Sewage - not water company
NPSWQD007758	EYNSHAM LOCK	SP4443508515	RIVER THAMES	23/07/2009	Sewage - not water company