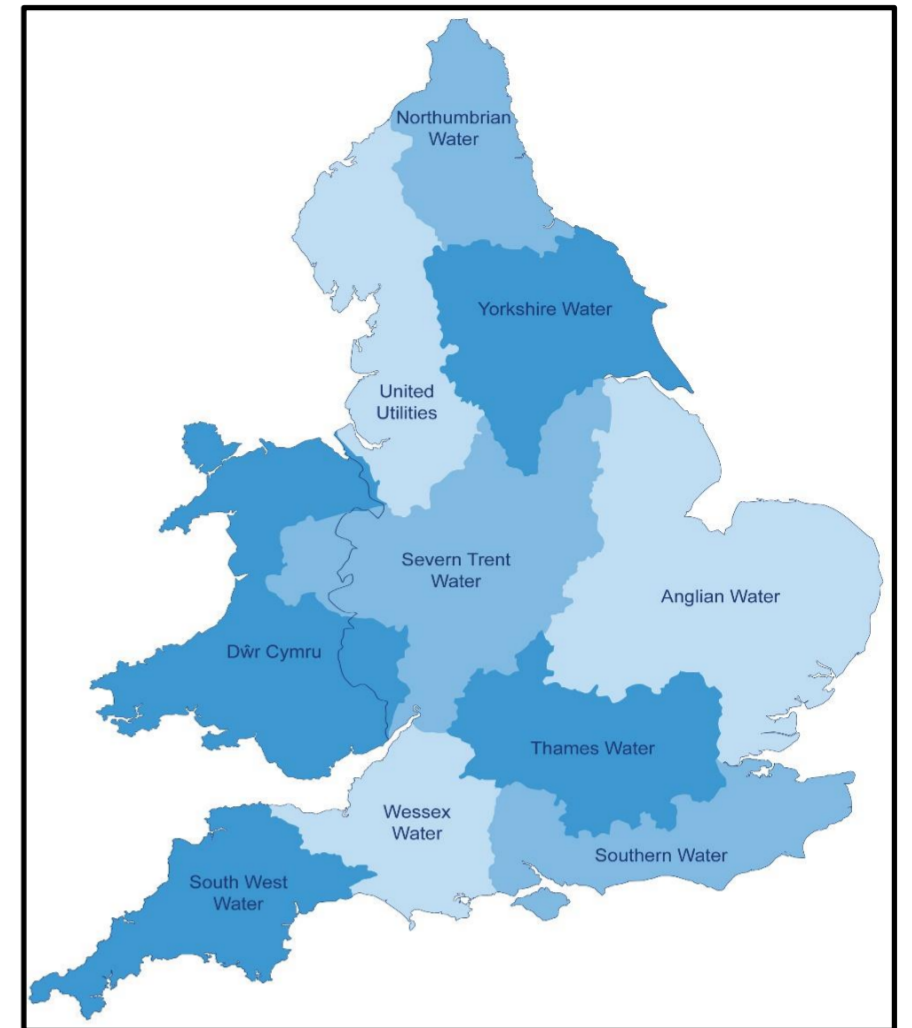


<p><b>Purpose</b></p>	<p>This spreadsheet provides information about water and sewerage company sewage sludge production sites (known as wastewater treatment works (WwTWs) and sludge treatment facilities (STCs). It is provided in line with guidelines published by Ofwat on its website.</p> <p>Companies are required to provide data under the columns marked mandatory. Any additional information can be provided on a voluntary basis.</p>
<p><b>Water and Sewerage Company name</b></p> <p><b>Financial Year the data relates to</b></p> <p><b>Date the spreadsheet was published</b></p> <p><b>Contact details for anyone wanting to discuss commercial opportunities arising from this information</b></p> <p><b>Brief description of geographical boundary of data included here</b></p>	<p>Thames Water Utilities Limited (TWUL)</p> <p>2017-18</p> <p>31st July 2018</p> <p>Garry Strange Sludge Strategy Manager garry.strange@thameswater.co.uk</p> <p>All current sludge operations within TWUL boundary</p>
<p><b>Brief description of level of data assurance</b></p>	<p>This information has been assured as part of company annual performance review. As such it has undergone an internal check, review and sign off process of the methodology undertaken and the data produced. The information has then been externally audited by KMPG. The final data tables have been signed off through a Board approval process, so that the Board is fully aware of the information being released.</p>
<p><b>Summary of significant changes since the most recently published version of the information and this version</b></p>	<p>1) Volumes updated with current year. 2) Details of tanker sizes are those currently used for operational issues &amp; road haulage - see WWTW column V. A potentially larger vehicle could be used if routed to site differently and access modifications undertaken on site. 3) Sites that don't generally export have been given a nominal 3%DS thickened sludge figure, but this could vary depending on where in the process the sludge is tankered from. 4) Volatile matter content given nominal 75% for chemically dosed and 80% for other sites. 5) Site manned opening times are normally 7am-3pm, Mon-Fri but tanker access hours shown in WWTW column U and STC column M for STC access hours.</p>

The water and sewerage company areas in England and Wales



Key: Input cell colour

Specification	Section A: Identifier			Section B: Sludge production information						Section C: Sludge quality				Section D: Site particulars					Section E: Sludge contracts		
	WwTW site name	WwTW location grid ref latitude	WwTW location grid ref longitude	Volume of raw sludge produced per year	Estimated or Measured volume of sludge	Average Dry Solids of sludge produced by works %	Estimated or Measured %dry solids sludge	typical volatile solids content	WwTW classification	Inlet Screened <=6mm	De-gritting at inlet works	Sludge screened	Further information (unusual sludge constituents, planning constraints, freshness etc.)	Is site co-located with a Sludge Treatment Centre (STC)?	Operating hours of the site	What is the maximum size (capacity) of tanker that can enter the works?	What is the minimum requirement for tanker sludge collection frequency?	Other	Is site covered by transport contract? If so, enter contract reference in cell	Is site covered by treatment contract? If so, enter contract reference in cell	Is site covered by any other sludge contract? If so, enter contract reference in cell
	name	grid ref latitude	grid ref longitude	volume (TDS)	estimated/measured	%	estimated/measured	% VS	See definitions page	Y/N	Y/N	Y/N	As appropriate	Y/N	days/time	tanker size, m3	time	As appropriate	"No" or unique contract reference	"No" or unique contract reference	"No" or unique contract reference
	Yes	Yes	Yes	Yes		Yes													Yes	Yes	Yes
	Abingdon	51.653436	-1.2887746	756	Measured	23.0	Measured	75%	Cphos SB	Y	Y	N		Y	06.00-18.00	6W-RoRo-15	3-4 visits/wk to remove 1 or 2 bins		A,B	No	No
	Aldershot	51.245072	-0.73834805	998	Measured	4.0	Measured	80%	Bphos SAS	Y	Y	N		N	24hr	Artic/30	Visit 5 D/wk		A	No	No
	Alton	51.151467	-0.9582313	924	Measured	3.8	Measured	75%	Cphos SB	Y	Y	N		N	06.00-19.00	Artic/30	Visit 5D/wk		A	No	No
	Ampney St Peter	51.705878	-1.8798394	52	Measured	3.0	Measured	80%	SB	Y	Y	N		N	24hr	8W/20	2 x 20m3 1D/Wk1 & 1 x 20m3 Wk2		A	No	No
	Appleton	51.696193	-1.3763632	82	Measured	3.0	Measured	80%	SB	Y	Y	N		N	24hr	8W/20	Visit 2D/wk.		A	No	No
	Arborfield	51.400523	-0.89637624	316	Measured	4.2	Measured	75%	Cphos SB	Y	Y	N		N	06.00-18.00	Artic/30	Visit 4D/wk		A	No	No
	Ascot	51.405355	-0.71740899	1,122	Measured	5.1	Measured	75%	Cphos SAS	Y	Y	N		N	08.00-18.00	Artic/30	Visit 5D/wk		A	No	No
	Wokingham	51.42319	-0.83211545	391	Measured	2.6	Measured	75%	Cphos SB	Y	Y	N		N	07.30-18.00	Artic/30	Visit 2D/wk		A	No	No
	Ash Vale	51.2771	-0.73144945	272	Measured	2.5	Measured	80%	Bphos SAS	Y	Y	N		N	Mon-Fri after 07.30 up to 18.00. SAT after 09.00-16.00.	Artic/30	Visit 3D/wk		A	No	No
	Aylesbury	51.82553	-0.85569557	1,115	Measured	3.0	Measured	75%	Cphos SAS	Y	Y	Y		Y	24hr	Artic/30	N/A - ad-hoc as collocated		A	No	No
	Bampton	51.722104	-1.5352515	57	Measured	3.0	Measured	80%	CSAS	Y	Y	N		N	24hr	8W/20	Visit 2D/Wk		A	No	No
	Banbury	52.059265	-1.3142921	1,851	Measured	3.0	Measured	75%	Cphos SAS	Y	Y	Y		Y	24hr	Artic/30	N/A - ad-hoc as collocated		A	No	No
	Basingstoke	51.292757	-1.0342037	3,473	Measured	3.0	Estimated	75%	Cphos SAS	Y	Y	Y	%DS estimated as no liquid sludge removed	Y	24hr	Artic/30	N/A - ad-hoc as collocated		A	No	No
	Beckton	51.521165	0.079922636	84,002	Measured	3.0	Estimated	80%	SAS	Y	Y	Y	This site cannot accept imports due to planning restrictions %DS estimated as no liquid sludge removed	Y	24hr	Artic/28	N/A - ad-hoc as collocated		A	No	No
	Beddington	51.382829	-0.14336089	9,483	Measured	3.0	Estimated	80%	SAS	Y	Y	Y	%DS estimated as no liquid sludge removed	Y	24hr	Artic/28	N/A - ad-hoc as collocated		A	No	No
	Benson	51.610633	-1.1041594	191	Measured	3.7	Measured	80%	SB	Y	Y	N		N	24hr	Artic/30	Visit 1D/wk		A	No	No
	Bentley	51.186734	-0.87272833	85	Measured	3.7	Measured	80%	SB	Y	Y	N		N	06.00-20.00	8W/20	Visit 1D/2wks		A	No	No
	Berkhamsted	51.751644	-0.53392503	282	Measured	2.6	Measured	75%	Cphos SB	Y	Y	N		N	06.00-18.00	Artic/30	Visit 2D/wk		A	No	No
	Bicester	51.884476	-1.1607668	1,961	Measured	3.0	Estimated	75%	Cphos SAS	Y	Y	Y	%DS estimated as no liquid sludge removed	Y	24hr	8W-20	N/A - ad-hoc as collocated		A	No	No
	Bishops Cleeve	51.856145	0.17883732	1,623	Measured	3.0	Estimated	75%	Cphos SAS	Y	Y	Y	%DS estimated as no liquid sludge removed	Y	0730-1530	8W-20	N/A - ad-hoc as collocated		A	No	No
	Blackbirds	51.689727	-0.34061437	2,189	Estimated	3.0	Estimated	75%	Cphos SAS	Y	Y	N	sludge transferred to Maple Lodge via network sewer	N	24hr	Artic/28	none - transfer via sewer		A	No	No
	Bloxham	52.018002	-1.3631568	72	Measured	3.0	Measured	80%	SB	Y	Y	N		N	06.00-20.00	6W/16	Visit1D/Wk.		A	No	No
	Bordon	51.118744	-0.85338031	1,479	Measured	5.5	Measured	75%	Cphos SAS	Y	Y	N		N	07.30 to 17.00 Mon - Fri only.	Artic/30	Visit 4D/wk		A	No	No
	Bourton-on-the-Water	51.878363	-1.7373092	127	Measured	3.0	Measured	80%	SB	Y	Y	N		N	24hr	Artic/30	Visit 2D/Wk		A	No	No
	Bracknell	51.438961	-0.76538627	1,386	Measured	2.3	Measured	75%	Cphos SB	Y	Y	Y		Y	24hr	Artic/28	N/A - ad-hoc as collocated		A	No	No
	Broadwell	51.942881	-1.6857252	69	Measured	3.0	Measured	80%	SB	Y	Y	N		N	24hr	8W/20	Visit 1D/Wk		A	No	No
	Buntingford	51.939242	-0.020092582	76	Measured	2.2	Measured	80%	SB	Y	Y	N		N	24hr	Artic/30	Visit 1D/wk		A	No	No
	Burford	51.80965	-1.628633	71	Measured	3.0	Measured	80%	CSAS	Y	Y	N		N	06.00-20.00	Artic/30	Visit 2D/wks1 1D/week 2		A	No	No
	Burghfield	51.411701	-1.0538437	135	Measured	5.0	Measured	80%	CSAS	Y	Y	N		N	24hr	Artic/30	Visit 2D/wk		A	No	No
	Burstow	51.18288	-0.13523745	180	Measured	3.9	Measured	80%	SB	Y	Y	N		N	06.00-22.00	Artic/30	Visit 1D/2wks		A	No	No
	Byfield	52.169194	-1.236718	97	Measured	3.0	Measured	80%	SB	Y	Y	N		N	24hr	6W/16	Visit 1D/wk		A	No	No
	Caddington	51.841247	-0.43956555	101	Measured	2.4	Measured	80%	SB	Y	Y	N		N	24hr	6W/16	Visit 2D/wk		A	No	No
	Camberley	51.328517	-0.76333059	3,814	Measured	3.0	Measured	75%	Cphos SAS	Y	Y	Y		Y	24hr	Artic/28	N/A - ad-hoc as collocated		A	No	No
	Carterton	51.743013	-1.5973158	222	Measured	2.7	Measured	75%	Cphos SB	Y	Y	N		N	24hr	Artic/30	Visit 1D/Wk		A	No	No
	Cassington	51.806637	-1.3330696	334	Estimated	2.1	Measured	75%	Cphos CSAS	Y	Y	N	sludge transferred to Oxford via network sewer	N	24hr	Artic/30	none - transfer via sewer		A	No	No
	Chalgrove	51.68332	-1.0626588	135	Measured	5.7	Measured	80%	SB	Y	Y	N		N	24hr	6W/16	Visit 1D/Wk		A	No	No
	Charlbury	51.870264	-1.4887016	61	Measured	3.0	Measured	80%	SB	Y	Y	N		N	24hr	8W/20	Visit 2D/wk1 1D/wk2		A	No	No
	Chertsey	51.397118	-0.54341774	1,279	Measured	3.0	Estimated	75%	Cphos SB	Y	Y	Y	%DS estimated as no liquid sludge removed	Y	24hr	Artic/30	N/A - ad-hoc as collocated		A	No	No
	Chesham	51.688466	-0.58804785	684	Estimated	3.0	Estimated	75%	Cphos CSAS	Y	Y	N	sludge transferred to Maple Lodge via network sewer	N	24hr	Artic/30	none - transfer via sewer		A	No	No
	Chieveley	51.462146	-1.3277371	132	Measured	2.7	Measured	75%	Cphos SB	Y	Y	N		N	24hr	Artic/30	Visit 2D		A	No	No
	Chinnor	51.723281	-0.90113221	124	Measured	3.0	Measured	80%	SB	Y	Y	N		N	06.00-20.00	6W/16	Visit 1-2D/wk		A	No	No
	Chipping Norton	51.938933	-1.5737456	64	Measured	1.8	Measured	80%	CSAS	Y	Y	N		N	24hr	6W/16	Visit 5D/Wk		A	No	No
	Chobham	51.339905	-0.60064941	113	Measured	1.6	Measured	75%	Cphos SB	Y	Y	N		N	06.00-18.00	8W/20	Visit 2D/wk		A	No	No
	Cholsey	51.581481	-1.1499057	377	Measured	3.0	Measured	75%	Cphos SB	Y	Y	N		N	24hr	Artic/30	Visit2D/Wk		A	No	No

Church Hanborough	51.813146	-1.3892568	57	Measured	3.0	Measured	80%	CSAS	Y	Y	N		N	24hr	8W/20	Visit 1D/wk	A	No	No
Cirencester	51.672662	-1.9522314	785	Measured	3.5	Measured	75%	Cphos SAS	Y	Y	N		N	24hr	Artic/30	Visit 3D/wk	A	No	No
Clavering	51.963291	0.14691076	73	Measured	4.4	Measured	80%	SB	Y	Y	N		N	06.00-18.00	6W/16	Wk1 Mon Wed Fri, Wk2 Mon & Fri	A	No	No
Cranleigh	51.145418	-0.51475498	252	Measured	25.0	Measured	75%	Cphos SB	Y	Y	N		Y	06.00-20.00	6W-RoRo-15	2 x 15m3 bins/week	A,B	No	No
Crawley	51.146774	-0.15513681	4,698	Measured	3.0	Estimated	75%	Cphos SAS	Y	Y	Y	%DS estimated as no liquid sludge removed	Y	24hr	Artic/30	N/A - ad-hoc as colocated	A	No	No
Cricklade	51.644703	-1.8496516	113	Measured	3.0	Measured	80%	SB	Y	Y	N		N	06.00-18.00	8W/20	Visit1D/Wk	A	No	No
Crossness	51.505984	0.14393313	44,706	Measured	3.0	Estimated	80%	SAS	Y	Y	Y	This site cannot accept imports due to planning restrictions %DS estimated as no liquid sludge removed	Y	24hr-Mon-Fri	Artic/30	N/A - ad-hoc as colocated	A	No	No
Culham	51.656611	-1.2222272	78	Measured	3.0	Measured	80%	SB	Y	Y	N		N	24hr	Artic/30	Visit 1D/Wk.	A	No	No
Deephams	51.622188	-0.036958777	15,679	Measured	3.0	Estimated	75%	Cphos SAS	Y	Y	Y	%DS estimated as no liquid sludge removed	Y	24hr	8W-20	N/A - ad-hoc as colocated	A	No	No
Didcot	51.61822	-1.2501823	1,535	Measured	3.0	Measured	75%	Cphos SAS	Y	Y	Y		Y	24hr	8W-20	N/A - ad-hoc as colocated	A	No	No
Dorking	51.241551	-0.31567514	812	Measured	3.3	Measured	75%	Cphos SAS	Y	Y	N		N	06.00-18.00	Artic/30	Visit 3D/wk	A	No	No
Drayton	51.63734	-1.3034762	101	Measured	3.0	Measured	80%	SB	Y	Y	N		N	24hr	8W/20	Visit 60/1D/Wk.	A	No	No
Earlwood	51.220555	-0.1748148	1,475	Measured	27.5	Measured	75%	Cphos SB	Y	Y	N		Y	06.00-22.00 No W/E or B/H	8W-20	Removals every 3/4 days	A,B	No	No
Easthampstead Park	51.389505	-0.79129398	204	Measured	4.6	Measured	80%	SB	Y	Y	N		N	06.00-18.00	Artic/30	Visit 2D/wk.	A	No	No
East Hyde	51.847826	-0.37429627	3,435	Measured	2.5	Measured	75%	Cphos SAS	Y	Y	Y		Y	24hr	Artic/30	N/A - ad-hoc as colocated	A	No	No
Elstead	51.189784	-0.69864545	130	Measured	4.7	Measured	80%	SB	Y	Y	N		N	06.30-20.00	8W/20	Visit 1 to 3D/wk.	A	No	No
Esher	51.384142	-0.37066038	2,066	Measured	2.5	Measured	75%	Cphos SAS	Y	Y	N		N	07.00 -19.00	Artic/30	Visit 5D/wk	A	No	No
East Shefford	51.463819	-1.4408568	112	Measured	1.6	Measured	75%	Cphos SB	Y	Y	N		N	24hr	Artic/30	Visit 2D/Wk	A	No	No
Fairford	51.701227	-1.7742208	125	Measured	3.0	Measured	80%	SB	Y	Y	N		N	24hr	8W/20	Visit1D/Wk	A	No	No
Faringdon	51.667494	-1.5994312	205	Measured	3.0	Measured	80%	SB	Y	Y	N		N	24hr	Artic/30	Visit 2D/wk	A	No	No
Farnham	51.223749	-0.77974437	1,171	Measured	3.0	Estimated	75%	Cphos SAS	Y	Y	Y	%DS estimated as no liquid sludge removed	Y	06.00-16.00	Artic/30	N/A - ad-hoc as colocated	A	No	No
Fiddlers Hamlet	51.682916	0.13651352	242	Measured	3.0	Measured	80%	SB	Y	Y	N		N	24hr	Artic/30	Visit 3D/wk	A	No	No
Finstock	51.848609	-1.471526	62	Measured	3.0	Measured	80%	SB	Y	Y	N		N	24hr	8W/20	Visit 1D/Wk1 & 2 & 2D/wk3	A	No	No
Fleet	51.300064	-0.84786511	1,052	Measured	3.0	Estimated	75%	Cphos SAS	Y	Y	Y	%DS estimated as no liquid sludge removed	Y	07.30 -17.00 Mon-Fri only. No B/H	6W-RoRo-15	N/A - ad-hoc as colocated	A	No	No
Gerrards Cross	51.578099	-0.533743	160	Measured	3.0	Measured	80%	SB	Y	Y	N		N	24hr	Artic/30	3d/wk PM collection preferred.	A	No	No
Godalming	51.198605	-0.57587919	667	Measured	26.1	Measured	75%	Cphos SB	Y	Y	N		Y	24hrs	6W-RoRo-15	1 bin 4D/wk.	A,B	No	No
Goring	51.540897	-1.1333585	300	Measured	6.0	Measured	80%	SB	Y	Y	N		N	24hr	6W/16	Visit 3D/wk.	A	No	No
Guildford	51.25667	-0.56634727	3,275	Measured	3.0	Estimated	75%	Cphos SAS	Y	Y	Y	%DS estimated as no liquid sludge removed	Y	24hr/7d	Artic/30	N/A - ad-hoc as colocated	A	No	No
Haddenham	51.762111	-0.919027	118	Measured	3.0	Measured	80%	CSAS	Y	Y	N		N	24hr	Artic/30	Visit 5D/wk, Mon to Fri.	A	No	No
Harpenden	51.817814	-0.33083498	797	Measured	3.0	Measured	75%	Cphos SB	Y	Y	N		N	24hr	8W/20	Visit 5D/wk	A	No	No
Hartley Wintney	51.315944	-0.90027189	628	Measured	5.7	Measured	75%	Cphos SB	Y	Y	N		N	06.00-18.00	Artic/30	Visit 3D/wk with a day in between	A	No	No
Haslemere	51.084822	-0.74628136	533	Measured	4.3	Measured	75%	Cphos SAS	Y	Y	N		N	07.00-19.00	8W/20	Visit 3D/wk	A	No	No
Hatfield Heath	51.804883	0.20319967	63	Measured	4.4	Measured	80%	SB	Y	Y	N		N	06.00-18.00	Artic/30	Visit 1D/wk	A	No	No
Henley	51.55158	-0.90527346	597	Measured	2.9	Measured	75%	Cphos SAS	Y	Y	N		N	10.00-18.00	Artic/30	Visit 5D/Wk after 10.00 AM	A	No	No
Highbury	51.640854	-1.7138271	186	Measured	1.9	Measured	80%	CSAS	Y	Y	N		N	24 hr	Artic/30	Visit 1D/wk	A	No	No
Hockford (Pirbright)	51.278606	-0.62588305	461	Measured	4.3	Measured	75%	Cphos SB	Y	Y	N		N	24hr	Artic/30	Visit 5D/wk	A	No	No
Hogsmill	51.400135	-0.28153532	12,141	Measured	3.5	Measured	75%	Cphos SAS	Y	Y	Y		Y	07.00-19.00	Artic/30	N/A - ad-hoc as colocated	A	No	No
Holmwood	51.191422	-0.30047332	107	Measured	5.3	Measured	80%	SB	Y	Y	N		N	06.00-10.00	Artic/30 & 8W/20	1D/4wks	A	No	No
Hook Norton	51.998723	-1.4639348	54	Measured	3.0	Measured	80%	SB	Y	Y	N		N	06.00-18.00	6W/16	Visit 1D/2Wks	A	No	No
Horley (Surrey)	51.178737	-0.18633886	307	Measured	2.0	Measured	75%	Cphos CSAS	Y	Y	N		N	24hrs Not before 07.30 Sat	Artic/30	Visit 4D/wk.	A	No	No
Hungerford	51.410829	-1.49384	263	Measured	3.9	Measured	75%	Cphos SB	Y	Y	N		N	24hr	Artic/30	Visit 3D/wk	A	No	No
Iver North	51.515587	-0.49683818	137	Measured	1.7	Measured	80%	CSAS	Y	Y	N		N	24hr	Artic/30	Visit 5D/wk	A	No	No
Kimpton	51.853336	-0.27507017	24	Measured	3.0	Measured	80%	SB	Y	Y	N		N	24hr	6W/16	Visit 2D/wk1 1D/wk2 1D/Wk3	A	No	No
Kingsclere	51.346509	-1.238973	96	Measured	3.7	Measured	80%	SB	Y	Y	N		N	24hr	8W/20	Visit 2D/Wk	A	No	No
Kings Sutton	52.017452	-1.2684465	127	Measured	3.4	Measured	80%	SB	Y	Y	N		N	06.00-18.00	6W/16	Visit 1D/wks 1-5 No visit wk6	A	No	No
Kingston Bagpuize	51.67483	-1.4185955	96	Measured	3.0	Measured	80%	SB	Y	Y	N		N	06.00-20.00	8W/20	Visit 3D/wk	A	No	No
Kintbury	51.401569	-1.4350032	77	Measured	3.2	Measured	75%	Cphos SB	Y	Y	N		N	24hr	6W/16	Visit 2D/wks - SHT Tank 1 AR - SHT Tank 2	A	No	No
Long Crendon	51.769909	-0.98695542	52	Measured	4.0	Measured	80%	SB	Y	Y	N		N	24hr	6W/16	Visit 1D/wk1, 2D/wk2	A	No	No
Leatherhead	51.307577	-0.35500916	783	Measured	4.0	Measured	75%	Cphos CSAS	Y	Y	N		N	24hr	Artic/30	Visit 5D/wk	A	No	No
Lechlade	51.696513	-1.680199	13	Measured	0.5	Measured	80%	CSAS	Y	Y	N		N	24hr	8W/20	Visit 1D/Wk	A	No	No
Lightwater	51.350239	-0.65375403	473	Measured	3.4	Measured	75%	Cphos SAS	Y	Y	N		N	07.30-18.00	Artic/30	Visit 2D/wk	A	No	No
Little Marlow	51.577798	-0.74012548	2,789	Measured	18.9	Measured	80%	Bphos SAS	Y	Y	Y		Y	06.00-20.00	Artic/30	Batch removal As requested	A,B	No	No
Long Reach	51.46482	0.23414647	15,909	Measured	3.0	Estimated	80%	SAS	Y	Y	Y	%DS estimated as no liquid sludge removed	Y	06.00-18.00	Artic/30	N/A - ad-hoc as colocated	A	No	No
Maidenhead	51.516374	-0.71443765	1,391	Measured	3.4	Measured	75%	Cphos SAS	Y	Y	N		N	09.00-04.00	Artic/30	Priority Site Visit 5D/wk.	A	No	No
Maple Lodge	51.621019	-0.50043545	13,374	Measured	3.0	Estimated	75%	Cphos SAS	Y	Y	Y	%DS estimated as no liquid sludge removed	Y	24hr	Artic/30	N/A - ad-hoc as colocated	A	No	No
Markyate	51.827842	-0.44583352	150	Measured	2.6	Measured	80%	SB	Y	Y	N		N	24hr	6W/16	Visit 3D/wk.	A	No	No
Marlborough	51.421552	-1.713328	1,008	Measured	2.1	Measured	75%	Cphos SB	Y	Y	N		N	06.00-18.00	8W/20	Visit 3D/wk	A	No	No

Marsh Gibbon	51.899122	-1.0639891	137	Measured	5.9	Measured	80%	SB	Y	Y	N		N	06.00-18.00	6W/16	Visit 2D/wk	A	No	No
Merstham	51.254323	-0.14338312	261	Measured	5.2	Measured	80%	SB	Y	Y	N		N	06.00-18.00	Artic/30	Visit 1D/2wks	A	No	No
Middleton Cheney	52.067759	-1.2617896	83	Measured	2.6	Measured	80%	SB	Y	Y	N		N	24hr	6W/16	Visit 1D/wks 1-5 No visit wk6	A	No	No
Mill Green	51.774943	-0.2041358	476	Measured	2.9	Measured	75%	Cphos SB	Y	Y	N		N	24hr	Artic/30	Visit 3d/wk	A	No	No
Milton under Wychwood	51.862614	-1.6035104	68	Measured	3.0	Measured	80%	SB	Y	Y	N		N	24hr	8W/20	Visit 1D/Wk,	A	No	No
Mogden	51.463118	-0.34020926	42,819	Measured	3.0	Estimated	80%	SAS	Y	Y	Y	%DS estimated as no liquid sludge removed	Y	24hr	Artic/30	N/A - ad-hoc as colocated	A	No	No
Moreton-in-Marsh	51.985133	-1.6839737	14	Measured	0.6	Measured	80%	CSAS	Y	Y	N		N	24hr	8W/20	Visit 2D/Wk	A	No	No
Stratfield Mortimer	51.376474	-1.034455	84	Measured	5.8	Measured	80%	SB	Y	Y	N		N	24hr	Artic/30	Visit 1D/wk	A	No	No
Nags Head Lane	51.600149	0.25377957	865	Measured	4.2	Measured	75%	Cphos SB	Y	Y	N		N	07.00 -19.00	Artic/30	3d/wk	A	No	No
Newbury	51.400896	-1.2794718	5,960	Measured	3.0	Estimated	75%	Cphos SAS	Y	Y	Y	%DS estimated as no liquid sludge removed	Y	24hr	6W-RoRo-15	N/A - ad-hoc as colocated	A	No	No
North Weald	51.719251	0.16573436	79	Measured	0.9	Measured	80%	CSAS	Y	Y	N		N	24hr	Artic/30	3 days per week	A	No	No
Oxford	51.714275	-1.2131331	4,290	Measured	3.0	Measured	75%	Cphos SAS	Y	Y	Y		Y	24hr	8W-20	N/A - ad-hoc as colocated	A	No	No
Pangbourne	51.485594	-1.0739186	419	Measured	4.0	Measured	75%	Cphos SB	Y	Y	N		N	06.00-1200	Artic/30	Visit 4D/wk	A	No	No
Princes Risborough	51.724452	-0.83595268	247	Measured	3.0	Measured	75%	Cphos SB	Y	Y	N		N	06.00-18.00	6W/16	Visit on 6D/wk	A	No	No
Purton	51.599775	-1.8743439	81	Measured	3.0	Measured	80%	CSAS	Y	Y	N		N	24hr	6W/16	Visit 1D/wk.	A	No	No
Ramsbury	51.445362	-1.5869874	175	Measured	3.0	Measured	75%	Cphos SB	Y	Y	N		N	24hr	6W/16	Visit 2D/Wk	A	No	No
Reading	51.430542	-0.98440775	5,367	Measured	3.4	Measured	80%	Bphos SAS	Y	Y	Y		Y	24hr	8W-20	N/A - ad-hoc as colocated	A	No	No
Ripley	51.302751	-0.50480516	908	Measured	5.8	Measured	75%	Cphos CSAS	Y	Y	N		N	Mon to Fri 09.00-17.00 only. No W/e or B/H.	Artic/30	Visit 3D/wk	A	No	No
Riverside	51.518435	0.18069772	8,169	Measured	3.0	Estimated	80%	SAS	Y	Y	Y	%DS estimated as no liquid sludge removed	Y	24hr	Artic/30	N/A - ad-hoc as colocated	A	No	No
Rye Meads	51.773051	0.017849384	12,582	Measured	3.0	Estimated	75%	Cphos SAS	Y	Y	Y	%DS estimated as no liquid sludge removed	Y	24hr	8W-20	N/A - ad-hoc as colocated	A	No	No
Sandhurst	51.343105	-0.7998071	560	Measured	3.6	Measured	75%	Cphos SB	Y	Y	N		N	06.00-20.00	Artic/30	Visit 2D/wk.	A	No	No
Shamley Green	51.184062	-0.54141485	116	Measured	2.5	Measured	80%	SB	Y	Y	N		N	24hr No W/E or B/H access.	Artic/30	Visit 1D/2wk.	A	No	No
Sherborne St John	51.299948	-1.1017559	19	Measured	2.1	Measured	80%	SB	Y	Y	N		N	24hr	8W/20	Visit 1D/2Wks	A	No	No
Sherfield on Loddon	51.32284	-1.0294104	45	Measured	1.8	Measured	80%	SB	Y	Y	N		N	24hr	Artic/30	Visit 1-2D/wk	A	No	No
Shrivenham	51.605612	-1.6490703	295	Measured	4.3	Measured	80%	CSAS	Y	Y	N		N	24 hr	Artic/30	Visit 3D/WK	A	No	No
Silchester	51.346487	-1.1083129	327	Measured	2.9	Measured	75%	Cphos SB	Y	Y	N		N	06.00-18.00	Artic/30	Visit 5D/WK	A	No	No
Slough	51.506492	-0.6433909	7,031	Measured	3.0	Measured	80%	Bphos SAS	Y	Y	Y		Y	07.00-18.00 M-F 06.00-12.00 Sa No access Su	Artic/30	N/A - ad-hoc as colocated	A	No	No
Sonning Common	51.509902	-0.96967575	95	Measured	3.0	Measured	80%	SB	Y	Y	N		N	24hr	Artic/30	Visit 2D/wk	A	No	No
Standon	51.877251	0.02948539	56	Measured	1.6	Measured	80%	SB	Y	Y	N		N	06.00-18.00	8W/20	Visit 2D/wk	A	No	No
Stanford In The Vale	51.633876	-1.507256	43	Measured	3.0	Measured	80%	CSAS	Y	Y	N		N	06.00-20.00	8W/20	Visit 1D/wk	A	No	No
Stanford Rivers	51.675669	0.23597566	187	Measured	2.8	Measured	80%	SB	Y	Y	N		N	24hr	Artic/30	Visit 2D/wk	A	No	No
Stansted Mountfitchet	51.896983	0.18299308	247	Measured	4.4	Measured	80%	SB	Y	Y	N		N	24hr	8W/20	Visit 2D/wk	A	No	No
Stone	51.793995	-0.86751403	57	Measured	3.3	Measured	80%	SB	Y	Y	N		N	24hr	6W/16	Visit 1D/wk	A	No	No
Studham	51.831309	-0.50521675	68	Measured	5.5	Measured	80%	SB	Y	Y	N		N	24hr	6W/17	Visit on 1D/wk	A	No	No
Swindon	51.568671	-1.8113797	3,073	Measured	3.0	Estimated	75%	Cphos SAS	Y	Y	Y	%DS estimated as no liquid sludge removed	Y	24hr	Artic/30	N/A - ad-hoc as colocated	A	No	No
Takeley	51.866078	0.24831287	37	Measured	4.0	Measured	80%	SB	Y	Y	N		N	06.00-18.00	Artic/30	Visit 1D/2wks	A	No	No
Thame	51.755387	-0.97134374	324	Measured	4.2	Measured	75%	Cphos SB	Y	Y	N		N	10.00-24.00	Artic/30	Visit 5D/wk	A	No	No
Theydon Bois	51.661352	0.1354989	76	Measured	1.2	Measured	80%	CSAS	Y	Y	N		N	24hr	8W/20	Visit 3D/wk	A	No	No
Tring	51.808045	-0.66409292	256	Estimated	3.0	Estimated	75%	Cphos CSAS	Y	Y	N	sludge transferred to Aylesbury via network sewer	N	24hr	Artic/30	none - transfer via sewer	A	No	No
Heyford	51.924926	-1.2815848	53	Measured	3.0	Measured	80%	CSAS	Y	Y	N		N	24hr	6W/16	Visit 2D/wk	A	No	No
Waddesdon	51.854688	-0.91535853	181	Measured	5.0	Measured	80%	SB	Y	Y	N		N	06.00-18.00	6W/16	Visit 3D/wk1 & visit 2D/wk2	A	No	No
Wanborough	51.553607	-1.7013936	60	Measured	3.0	Measured	80%	SB	Y	Y	N		N	24hr	8W/20	Visit on 1D/wk	A	No	No
Wantage	51.622418	-1.4199876	571	Measured	3.2	Measured	75%	Cphos SB	Y	Y	N		N	06.00-18.00	Artic	Batch removals as requested	A	No	No
Wargrave	51.489193	-0.8783934	2,015	Measured	3.0	Estimated	80%	Bphos SAS	Y	Y	Y	%DS estimated as no liquid sludge removed	Y	24hr	8W-20	Approx. monthly batch removals	A	No	No
Wash water	51.361553	-1.347882	65	Measured	1.2	Measured	80%	SB	Y	Y	N		N	24hr	Artic/30	Visit 3D/wk	A	No	No
Watlington	51.652436	-1.0242676	49	Measured	3.0	Measured	80%	SB	Y	Y	N		N	24hr	6W/16	Visit 1D/wk (Tue-wk1 & Fri-wk2)	A	No	No
Weybridge	51.358144	-0.46996821	242	Measured	2.4	Measured	75%	Cphos SB	Y	Y	N		N	06.00-22.00	Artic/30	3 D/wk	A	No	No
Wheatley	51.741314	-1.1208406	163	Measured	3.0	Measured	80%	SB	Y	Y	N		N	24hr	Artic/30	Visit 60m3/wk	A	No	No
White Waltham	51.49263	-0.76408127	259	Measured	5.1	Measured	80%	SB	Y	Y	N		N	07.00-18.00	Artic/30	Visit 3D/wk	A	No	No
Widford	51.830049	0.054938022	75	Measured	4.2	Measured	80%	SB	Y	Y	N		N	24hr	8W/20	1D/2wks	A	No	No
Windsor	51.469729	-0.56889422	997	Measured	3.2	Measured	75%	Cphos SB	Y	Y	N		N	07.00-18.00	8W/20	Priority Site Visit 5D/wk	A	No	No
Wisley	51.326358	-0.48049906	524	Measured	3.7	Measured	75%	Cphos SB	Y	Y	N		N	08.30 to 17.00. No wW/E or B/H.	Artic/30	Visit 3D/wk	A	No	No
Witney	51.653436	-1.2887746	2,040	Measured	27.5	Measured	75%	Cphos SAS	Y	Y	Y		Y	24hr	6W-RoRo-15	Visit 6D/wk	A,B	No	No
Woking	51.245072	-0.73834805	1,517	Measured	25.0	Measured	75%	Cphos SB	Y	Y	N		Y	Mon-Fri 07.30-17.00. SAT 09.00-13.00 . No B/H	6W-RoRo-15	Daily removal of filled bins	A,B	No	No
Woodstock	51.151467	-0.9582313	103	Measured	3.0	Measured	80%	SB	Y	Y	N		N	24hr	8W/20	Visit 1D/2wks.	A	No	No
Worminghall	51.705878	-1.8798394	87	Measured	3.3	Measured	80%	SB	Y	Y	N		N	24hr	6W/16	Visit 1D/wk,	A	No	No

**Smaller WwTW (less than 2000 population equivalent served)**

**Thames Water Utilities Limited (TWUL)**

Please note that any WwTW that is desludged by intermittently emptied by tankering the contents to the start of another larger sewage treatment works should not be included in this list. The sludge removed in this way should be accounted for in the sludge produced at the larger receiving sewage treatment works.

Specification	Section A: Identifier			Section B: Sludge production information		Section C: Contracts		
	WwTW site name	WwTW location (grid ref latitude)	WwTW location (grid ref longitude)	Volume of raw sludge produced per year	WwTW classification	Is site covered by transport contract? If so, enter contract reference in cell	Is site covered by treatment contract? If so, enter contract reference in cell	Is site covered by any other sludge contract? If so, enter contract reference in cell
	name	grid ref latitude	grid ref longitude	volume (TDS) per year Average amount of sludge produced per year: Either stated as <70 tonnes per annum or a more accurate estimate if available	see definitions page	"No" or unique contract reference	"No" or unique contract reference	"No" or unique contract reference
Mandatory requirement	Yes	Yes	Yes	Yes		Yes	Yes	Yes
Abbs Roding	51.775512	0.28149827	22.40	SB	A	No	No	
Aldermaston	51.385477	-1.1521042	6.46	SB	A	No	No	
Andoversford	51.876763	-1.9650903	14.58	SB	A	No	No	
Ashendon	51.82467	-0.97702174	18.10	CSAS	A	No	No	
Ashford Hill	51.349867	-1.2030192	3.37	SB	A	No	No	
Ashley Green	51.737884	-0.58505993	10.61	SB	A	No	No	
Ashton Keynes	51.63757	-1.908919	27.32	SB	A	No	No	
Aston Le Walls	52.154169	-1.2779016	1.89	SB	A	No	No	
Avon Dasset	52.141409	-1.4081585	1.44	SB	A	No	No	
Barford (St Michael)	51.991	-1.3577144	10.43	SB	A	No	No	
Barkway	51.994333	0.018753068	8.60	SB	A	No	No	
Baydon	51.496648	-1.596608	10.38	SB	A	No	No	
Beckley	51.796697	-1.181393	1.16	SB	A	No	No	
Beenham	51.419621	-1.1485965	24.60	SB	A	No	No	
Bibury	51.759751	-1.821742	17.60	SB	A	No	No	
Billingbear	51.444416	-0.79703973	4.97	SB	A	No	No	
Bishops Green	51.368351	-1.2802699	0.40	SB	A	No	No	
Bledington	51.90318	-1.6365837	12.10	SB	A	No	No	
Bletchingdon	51.852907	-1.2667611	27.99	SB	A	No	No	
Blunsdon	51.620323	-1.7832886	38.72	CSAS	A	No	No	
Boddington	52.167846	-1.3098468	3.77	SB	A	No	No	
Bourton	51.584108	-1.6752149	4.71	SB	A	No	No	
Boxford	51.443566	-1.3826865	1.91	SB	A	No	No	
Bramfield	51.818676	-0.12549809	1.64	SB	A	No	No	
Braughing	51.922302	0.024245357	40.70	SB	A	No	No	
Breachwood Green	51.887239	-0.31881905	6.93	SB	A	No	No	
Brickendon	51.758715	-0.087409961	0.81	SB	A	No	No	
Broad Hinton	51.49093	-1.8343134	12.97	SB	A	No	No	
Broughton	52.047793	-1.3860645	33.26	SB	A	No	No	
Buckland	51.685105	-1.5023609	10.93	SB	A	No	No	
Bucklebury (Upper Common)	51.424578	-1.2146651	35.36	SB	A	No	No	
Buscot	51.674898	-1.6673356	2.40	SB	A	No	No	
Castle Eaton	51.66348	-1.783083	3.90	SB	A	No	No	
Chacombe	52.093056	-1.2818077	50.78	CSAS	A	No	No	
Chadlington	51.889296	-1.5248118	12.07	SB	A	No	No	
Chapmore End	51.833769	-0.058105627	6.63	SB	A	No	No	
Charlton-on-Otmoor	51.839746	-1.179887	11.84	SB	A	No	No	
Charwelton	52.196918	-1.2142973	1.42	SB	A	No	No	
Charney Bassett	51.649802	-1.4492685	9.63	SB	A	No	No	
Chienes	51.676952	-0.52910647	5.23	SB	A	No	No	
Chilton Foliat	51.425405	-1.539704	6.71	SB	A	No	No	
Chilton	51.7962	-1.012468	5.42	SB	A	No	No	
Chipping Warden	52.129852	-1.2709903	23.72	SB	A	No	No	





Wolverton Common	51.334534	-1.1961077
Wolverton Townsend	51.325513	-1.1919598
Woolhampton	51.392844	-1.1764019
Yattendon	51.464939	-1.1995773

0.54	SB
1.47	SB
28.59	CSAS
9.67	SB

A	No	No
A	No	No
A	No	No
A	No	No



Specification	Section A: Identifier			Section B: Treated sludge product description					Section C: Nature of Material accepted			Section D: Treated Product Quality				Section E: Further information	Section F: Contracts					
	Sludge Treatment Centre (STC) name	STC location (grid ref latitude)	STC location (grid ref longitude)	End product volume per year	Estimated or Measured volume of treated sludge produced	Product Dry Solids %	Estimated or Measured product DS%	Sludge screened at STC	Usual operating hours of the site	Acceptance criteria for input material	Type of site	Dry solids range accepted in to site %	Can site receive sludge not de-gritted?	Can site receive sludge from sites without screening ?	Is the site producing untreated sludge?	Is the site producing conventionally treated sludge?	Is the site producing enhanced treated sludge?	Is the site compliant with and certified under the Biosolids Assurance Scheme?	Further information (planning constraints, operational defects that could impact on product quality etc.)	Is site covered by recycling contract? If so, enter contract reference in cell	Is site covered by disposal contract? If so, enter contract reference in cell	Is site covered by any other sludge contract? If so, enter contract reference in cell
	name	grid ref latitude	grid ref longitude	volume (TDS)	estimated or measured	%	estimated or measured	Y/N	days of week /time (24 hr clock)	Y/N	Thickening centre, Dewatering centre, Treatment centre, or Incinerator.	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N		"No" or unique contract reference	"No" or unique contract reference	"No" or unique contract reference
Mandatory requirement	Yes	Yes	Yes	Yes		Yes					Yes									Yes	Yes	Yes
	Aylesbury	51.821454	0.849117	1,917	measured	23.8	measured	Y	24hr	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Banbury	52.058911	1.316558	1,912	measured	23.2	measured	Y	24hr	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Basingstoke	51.292921	1.038011	6,819	measured	25.9	measured	Y	24hr	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Beckton	51.518087	0.082708	11,455	measured	26.9	measured	Y	24hr	N	Treatment centre and Incinerator	no imports	N	N	N	Y	N	Y	The site cannot receive any imports due to planning restrictions	B,C,D	E, F, G, H, J	No
	Beddington	51.379294	0.1326	4,686	measured	17.5	measured	Y	24hr	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Bicester	51.884476	-1.1607668	1,611	measured	33.9	measured	Y	24hr	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Bishops Cleeve	51.857958	0.17554	1,332	measured	21.2	measured	Y	0730-1530	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Bracknell	51.438549	0.764643	938	measured	24.9	measured	Y	06.00-1800-M-F 0800-1700-Sat No Sun or B/H	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Camberley	51.327722	0.761437	1,972	measured	18.5	measured	Y	24hr	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Chertsey	51.39684	0.545043	3,876	measured	27.7	measured	Y	06.00-22.00	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Crawley	51.146472	0.154464	5,159	measured	29.9	measured	Y	24hr	N	Treatment centre	>10%	Y	N	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Crossness	51.505544	0.133119	13,170	measured	27.8	measured	Y	24hr-Mon-Fri	N	Treatment centre and Incinerator	no imports	N	N	N	Y	N	Y	The site cannot receive any imports due to planning restrictions	B,C,D	E, F, G, H, J	No
	Deepfams	51.626366	0.041477	13,238	measured	23.5	measured	Y	24hr	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Didcot	51.617232	1.25008	1,098	measured	22.4	measured	Y	24hr	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Luton(East Hyde)	51.84954	0.375356	2,904	measured	23.8	measured	Y	24hr	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Farnham	51.223749	-0.77974437	2,414	measured	33.0	measured	Y	06.00-16.00	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Fleet	51.300064	-0.84786511	1,255	measured	33.2	measured	Y	07.30 -17.00 Mon-Fri only No B/H	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Guildford	51.25667	-0.56634727	4,064	measured	34.6	measured	Y	24hr/7d	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Hogsmill	51.400988	0.286411	4,969	measured	18.1	measured	Y	07.00-19.00	N	Treatment centre	no imports	N	N	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Long Reach	51.464515	0.232331	6,405	measured	26.0	measured	Y	06.00-18.00	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Maple Lodge	51.622276	0.502827	11,566	measured	22.5	measured	Y	24hr	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Mogden	51.463118	-0.34020926	23,574	measured	21.8	measured	Y	24hr	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Newbury	51.400896	-1.2794718	2,073	measured	27.3	measured	Y	24hr	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Oxford (Sandford)	51.715537	1.214236	5,018	measured	35.8	measured	Y	24hr	N	Treatment centre	up to 35% Y except cake	Y		N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Reading(Manor farm)	51.431731	0.982507	4,018	measured	22.4	measured	Y	24hr	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Riverside	51.518294	0.18451	11,073	measured	25.6	measured	Y	24hr	N	Treatment centre	no imports	N	N	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Rye Meads	51.775003	0.016572	8,932	measured	24.1	measured	Y	24hr	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Slough	51.505401	0.634397	4,651	measured	19.9	measured	Y	07.00-18.00 M-F 06.00-12.00 Sa No access Su	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Swindon(Rodbourne)	51.567703	1.81221	4,143	measured	21.1	measured	Y	24hr	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Wargrave	51.489753	0.876774	1,671	measured	20.6	measured	Y	24hr	N	Treatment centre	<10%	Y	Y	N	Y	N	Y		B,C,D	E, F, G, H, J	No
	Abingdon	51.653436	-1.2887746	756	Measured	23.0	Measured	N	06.00-18.00	N	Dewatering centres	no imports	Y	N	Y	N	N	N		No	E, F, G, H, J	B
	Cranleigh	51.145418	-0.51475498	252	Measured	25.0	Measured	N	06.00-20.00	N	Dewatering centres	no imports	Y	N	Y	N	N	N		No	E, F, G, H, J	B
	Earlswood	51.389505	-0.79129398	101	Measured	27.5	Measured	Y	06.00-22.00 No W/E or B/H	N	Dewatering centres	<10%	Y	Y	Y	N	N	N		No	E, F, G, H, J	B
	Godalming	51.198605	-0.57587919	667	Measured	26.1	Measured	N	24hrs	N	Dewatering centres	no imports	Y	N	Y	N	N	N		No	E, F, G, H, J	B
	Little Marlow	51.577798	-0.74012548	2,789	Measured	18.9	Measured	Y	06.00-20.00	N	Dewatering centres	<10%	Y	Y	Y	N	N	N		No	E, F, G, H, J	B
	Witney	51.653436	-1.2887746	2,040	Measured	27.5	Measured	Y	24hr	N	Dewatering centres	<10%	Y	Y	Y	N	N	N		No	E, F, G, H, J	B
	Woking	51.245072	-0.73834805	1,517	Measured	25.0	Measured	N	Mon-Fri 07.30-17.00. SAT 09.00-13.00 . No B/H	N	Dewatering centres	<10%	Y	N	Y	N	N	N		No	E, F, G, H, J	B





## Definitions

WWTW Sludge Production Site	
WWTW site name	Name of the wastewater treatment works, and if not otherwise clear, the town it serves
WWTW location grid ref latitude	Identifying Location to at least 5 digits
WWTW location grid ref longitude	Identifying Location to at least 5 digits
Volume of raw sludge produced per year	Average amount of sludge produced per year, measured in tonnes of dry solids. Please note this is dry tonnes and not wet tonnes. This is to provide an indication of the size of the market opportunity the site represents.
Estimated or Measured volume of sludge	Yes or No to indicate whether the volume is estimated or measured. This is to provide an indication of accuracy of and confidence in volume data.
Average Dry Solids of sludge produced by works %	Measure of the thickness for loading purposes. Defined as the percentage by weight of a sample that remains after drying at around 105 DegC. This is to provide an indication of the thickness for loading purposes.
Estimated or Measured %dry solids sludge	Yes or no to indicate whether the dry solids percentage is estimated or measured. This is to provide an Indication of accuracy of and confidence in dry solids data.
Typical volatile solids content	The annual average volatile solids content of the sludge, expressed as the percentage of the wet sample. This is to provide an indication of the quality of the sludge
WWTW classification	See the table of classifications below. This is to provide an indication of the quality of sludge.
Inlet Screened <=6mm	Yes or no to indicate whether sewage is screened at the inlet to remove rags. This is to provide an indication of the quality of the sludge.
De-gritting at inlet works	Yes or no to indicate whether sewage has grit removed at the inlet. This is to provide an indication of the quality of the sludge.
Sludge screened	Yes or not to indicate if the sludge has been screened in addition to or instead of a preliminary wastewater treatment screening process. This is to provide an indication of the quality of the sludge.
Further information (unusual sludge constituents, planning constraints, freshness etc.)	
Is site co-located with a Sludge Treatment Centre (STC)?	Yes or no to indicate whether the wastewater treatment works is co-located with a sludge treatment centre. Sludge produced on a site with a sludge treatment centre may not be so readily accessible for transport to another site.
Operating hours of the site	To know when site is accessible
What is the maximum size of tanker (capacity) that can enter the works?	To understand constraints on access to site
What is the minimum requirement for tanker sludge collection frequency?	To understand constraints on access to site
Other	Any information that may impact on the ability to treat and dispose of the sludge (unusual sludge constituents, planning constraints, freshness etc.)
Is site covered by transport contract? If so, enter contract reference in cell	If there is an active contract covering transport of sludge from this site, enter contract reference in the cell, otherwise enter "no". This is to allow market participants to understand if contracts are in place for some services.
Is site covered by treatment contract? If so, enter contract reference in cell	If there is an active contract covering treatment of sludge from this site, enter contract reference in the cell, otherwise enter "no". This is to allow market participants to understand if contracts are in place for some services
Is site covered by any other sludge contract? If so, enter contract reference in cell	If there is an active contract covering any other bioresources service from this site, enter contract reference in the cell, otherwise enter "no". This is to allow market participants to understand if contracts are in place for some services

Sludge Treatment Centre	
Sludge Treatment Centre (STC) name	The name of the site (and the town it relates to)
STC location (grid ref latitude)	Identifying Location to at least 5 digits
STC location (grid ref longitude)	Identifying Location to at least 5 digits
End product volume per year	Average amount of treated sludge produced, expressed in tonnes of dry solids per year. Please note this is dry tonnes and not wet tonnes. This is to provide an indication of the size of the market opportunity the site's product represents
Estimated or Measured volume of treated sludge produced	To give an indication of accuracy of and confidence in volume data
Product Dry Solids %	Measure of the thickness for loading purposes. Defined as the percentage by weight of a sample that remains after drying at around 105 DegC.
Estimated or Measured product DS%	To give an indication of accuracy of and confidence in dry solids data.
Sludge screened at STC	Yes to indicate that there is a sludge screening process at the site. This is to give an indication of sludge product quality
Usual operating hours of the site	To know when site is accessible
Acceptance criteria for input material	If there are specific acceptance criteria for material brought on to site, e.g. must be digested. This is to give an understanding of what material can be taken to the site.
Type of site	Thickening centre, Dewatering centre, Treatment centre. This is to give an understanding of what material can be taken to the site.
Dry solids range accepted in to site %	Expressed as % Dry solids. This is to give an understanding of what material can be taken to the site.
Can site receive sludge not de-gritted?	Yes/No answer. This is to give an understanding of what material can be taken to the site.
Can site receive sludge from sites without screening?	Yes/No answer. This is to give an understanding of what material can be taken to the site.
Is site producing untreated sludge?	Yes if dewatering process only. This is to give an indication of sludge product quality
Is site producing conventionally treated sludge?	Yes or no answer. Definition of conventional as per safe sludge matrix. Conventionally treated sludge gas been subjected to defined treatment processes and standards that ensure at least 99% of pathogens have been destroyed. This is to give an indication of sludge product quality.
Is site producing enhanced treated sludge?	Yes or no answer. Definition of enhanced as per safe sludge matrix. Enhanced treatment is a term used to describe processes which are capable of virtually eliminating any pathogens which may be present in the original sludge. Enhanced treated sludge will be free from Salmonella and will have been treated so as to ensure that 99.9999% pathogens have been destroyed (a 6 log reduction). This is to give an indication of sludge product quality.
Is the site compliant and certified under the Biosolids Assurance scheme?	The Biosolids Assurance Scheme combines legislative and non-legislative requirements and best practice. It is audited and certified by an independent body - NSF Certification. This is to give an indication of sludge product quality.
Is site covered by recycling contract? If so, enter contract reference in cell	If there is an active contract covering recycling of sludge from this site, enter contract reference in the cell, otherwise enter "no". This is to allow market participants to understand if contracts are in place for some services
Is site covered by disposal contract? If so, enter contract reference in cell	If there is an active contract covering disposal of sludge from this site, enter contract reference in the cell, otherwise enter "no". This is to allow market participants to understand if contracts are in place for some services.
Is site covered by any other sludge contract? If so, enter contract reference in cell	If there is an active contract covering any other bioresources service from this site, enter contract reference in the cell, otherwise enter "no". This is to allow market participants to understand if contracts are in place for some services.

Small WwTW*	
WwTW site name	Name of the wastewater treatment works, and if not otherwise clear the town it serves.
WwTW latitude (grid ref)	Location of Wastewater treatment site and grid reference to 5 digits
WwTW longitude (grid ref)	Location of Wastewater treatment site and grid reference to 5 digits
Volume of raw sludge produced per year	An indication of the volume of sludge produced in dry tonnes of solids per year. Please note this is dry tonnes and not wet tonnes. All sites of this size are likely to produce <70 tonnes per year and this is the default data entry for this column unless the wastewater company is able to provide a more accurate volume. This is to provide an indication of the size of the market opportunity the site represents.
WwTW classification	See the table of classifications below. This is to provide an indication of the quality of sludge.
Is site covered by transport contract? If so, enter contract reference in cell	If there is an active contract covering transport of sludge from this site, enter contract reference in the cell, otherwise enter "no". This is to allow market participants to understand if contracts are in place for some services.
Is site covered by treatment contract? If so, enter contract reference in cell	If there is an active contract covering treatment of sludge from this site, enter contract reference in the cell, otherwise enter "no". This is to allow market participants to understand if contracts are in place for some services
Is site covered by any other sludge contract? If so, enter contract reference in cell	If there is an active contract covering any other bioresources service from this site, enter contract reference in the cell, otherwise enter "no". This is to allow market participants to understand if contracts are in place for some services
* for sites serving less than 2000 population equivalent. Please note that any sewage works that is intermittently emptied by tankering the contents to the start of another larger sewage treatment works should not be included in this list.	

WwTW classification	Notes	
P	Primary settlement only	
CSAS	Crude sewage activated sludge (ie no primary sludge is generated)	
SB	Secondary Biological filtration - trickling filters, RBCs etc. Sludge produced will be a mixture of primary and secondary sludge.	indicates relatively easier secondary sludge to treat
SAS	Secondary Activated sludge. Sludge produced will be a mixture of primary and secondary sludge	indicates more difficult sludge to treat
Cphos	Phosphorus removal via chemical dosing	Could indicate a higher mineral content
Bphos	Phosphorus removal through biological nutrient removal	Could indicate care needs to be taken to prevent struvite etc.
Please note that sites may have more than one code, for example "SB Cphos" would be a secondary filtration site with chemical phosphorus removal		

Contracts	
Contract Reference	This unique reference should cross refer to the WwWT and STC tabs so readers can see the sites that the contract applies to. This reference should also be the same as that used in other public documentation such as OJEU information. This is to help readers understand which contracts apply to which sites.
Contract title	A brief description of services contracted.

Description of service	To indicate scope of service contracted: transport, treatment, recycling, disposal, a combination of these or another service. This is to help market participants understand if there are remaining opportunities beyond the scope of the contract.
Scale of contracted activity	Volumes contracted. This should be given in units that are appropriate to the service reported (e.g Tonnes dry solids per year, m3 per month or any other appropriate units). It should also be given in a suitable range to allow market participants to understand the scale activity. To help market participants understand the scale of contracts already let.
Contract start date	Month and year the contract started. This is to help market participants understand the timing of contracts already let.
Contract end date	Month and year the contract is due to complete. This is to help market participants understand the timing of contracts already let.
Term of contract	This should include any terms of the contract that give market participants an indication when they may be able to compete to provide the contracted services, including duration, extensions and break clauses, but not price. This is to help market participants understand the timing of contracts already let.
other	This may include description of the services in more detail, for example geographical area covered.