

**Bioresources market development data request  
External commentary**

**1. Company Table**

1. Company					
Company:	SWB				
Line	Description	Item reference	Unit	DPs	Value
1	Total cost of liquid intersiting by road including third-party costs 2019-20		£k	0	2,969
2	Total cost of liquid intersiting by pipeline including third-party costs 2019-20		£k	0	53
3	Total cost of raw cake road transport including third-party costs 2019-20		£k	0	0
4	Total measure of intersiting work done by pipeline		ttds*km/year	0	1
5	Total measure of intersiting work done by tanker		ttds*km/year	0	355
6	Total measure of intersiting work done by truck		ttds*km/year	0	130
7	Liquid intersiting tonnage by road 2019-20		ttds	0	9
8	Liquid intersiting tonnage by pipeline 2019-20		ttds	0	0
9	Raw cake intersiting tonnage by road 2019-20		ttds	0	1

This table collects information on the company's total raw sludge transport costs and work done. This table does not include disposal transport, but does include any intersiting to other companies' sites.

As per the guidance for table rows 1-3 include total cost including any third-party costs such as outsourced transport contracts. The sum of these lines equals the 2019-20 APR table 4W line 11 plus any third-party costs.

Rows 4-6 align with the 2019-20 CAPR Table 15 – Sludge.

Rows 7-9 are populated utilising the TDS calculations for rows 4-6.

**2. Transport Data**

2. Transport								
Refer to 2. Transport GUIDANCE for guidance and definitions on this table.								
Column	1	2	3	4	5	6	7	8
Description	Site	Indigenous production 2019-20	Principal destination for sludge during 2019-20	Percent of sludge going to principal destination in 2019-20	Main transport mode to principal destination during 2019-20	Secondary destination for sludge during 2019-20	Percent of sludge going to secondary destination in 2019-20	Main transport mode to secondary destination during 2019-20
Item reference								
Unit	Text	t/ds	Text	%	Text	Text	%	Text
DPs	N/A	0	N/A	0	N/A	N/A	0	N/A
1	ASHFORD_STW_BARNSTAPLE	1223	ASHFORD_STW_BARNSTAPLE	100%	Other			
2	BERE ALSTON_STW_BERE ALSTON	19	ERNESETTLE_STW_PLYMOUTH	78%	Road - liquid	BUCKLAND_STW_NEWTON	13%	Road - liquid
3	BROKENBURY QUARRY_STW_TORBAY	3444	BROKENBURY QUARRY	100%	Other			
4	BUCKLAND_STW_NEWTON ABBOT	1988	BUCKLAND_STW_NEWTON	100%	Other			
5	CALLINGTON_STW_CALLINGTON	157	ERNESETTLE_STW_PLYMOUTH	66%	Road - liquid	NANSTALLON_STW_BODMIN	22%	Road - liquid
6	CALSTOCK_STW_CALSTOCK	23	ERNESETTLE_STW_PLYMOUTH	63%	Road - liquid	BUCKLAND_STW_NEWTON	16%	Road - liquid
7	CAMBORNE_STW_CAMBORNE	1358	CAMBORNE_STW_CAMBORNE	100%	Other			
8	CAMELFORD_STW_CAMELFORD	52	NANSTALLON_STW_BODMIN	52%	Road - liquid	ST LEONARDS_STW_LAUNCESTON	48%	Road - liquid
9	CAMELS HEAD_STW_PLYMOUTH	1306	CAMELS HEAD_STW_PLYMOUTH	100%	Other			
10	CARNON DOWNS_STW_CARNON DOWNS	38	HAYLE_STW_HAYLE	83%	Road - liquid	NEWQUAY_STW_NEWQUAY	5%	Road - liquid
11	CENTRAL_STW_PLYMOUTH	2776	CENTRAL_STW_PLYMOUTH	100%	Other			
12	CHUDLEIGH_STW_NEWTON ABBOT	48	BUCKLAND_STW_NEWTON	94%	Road - liquid	LORDS MEADOW_STW_CORNWALL	3%	Road - liquid
13	CLUGGA_STW_PERRANPORTH	38	NEWQUAY_STW_NEWQUAY	84%	Road - liquid	HAYLE_STW_HAYLE	13%	Road - liquid
14	COLYTON_STW_COLYTON	33	KILMINGTON_STW_AXMINSTER	68%	Road - liquid	COUNTRESS WEAR_STW_EXETER	30%	Road - liquid
15	COMBE MARTIN_STW_COMBE MARTIN	52	ASHFORD_STW_BARNSTAPLE	96%	Road - liquid	COUNTRESS WEAR_STW_EXETER	4%	Road - liquid
16	CORNBOROUGH_STW_BIDEFORD	1068	CORNBOROUGH_STW_BIDEFORD	100%	Other			
17	COUNTRESS WEAR_STW_EXETER	4011	COUNTRESS WEAR_STW_EXETER	100%	Other			
18	CROWDALE_STW_TAVISTOCK	258	ERNESETTLE_STW_PLYMOUTH	53%	Road - liquid	BUCKLAND_STW_NEWTON	30%	Road - liquid
19	CULLOMPTON_STW_CULLOMPTON	170	COUNTRESS WEAR_STW_EXETER	78%	Road - liquid	BUCKLAND_STW_NEWTON	13%	Road - liquid
20	DARTMOUTH_STW_DARTMOUTH	106	TOTNESS_STW_TOTNESS	83%	Road - liquid	BUCKLAND_STW_NEWTON	17%	Road - liquid
21	DERRITON_STW_HOLSWORTHY	63	ASHFORD_STW_BARNSTAPLE	100%	Road - liquid			
22	ERNESETTLE_STW_PLYMOUTH	1595	ERNESETTLE_STW_PLYMOUTH	100%	Other			
23	FALMOUTH_STW_FALMOUTH	365	FALMOUTH_STW_FALMOUTH	100%	Other			
24	FLUXTON_STW_OTTERY ST MARY	197	COUNTRESS WEAR_STW_EXETER	77%	Road - liquid	KILMINGTON_STW_AXMINSTER	18%	Road - liquid

This table collects information on your company's main sludge transport routes. Please populate from actual 2019-20 transport patterns. This table collects the immediate destination from each site and not the final destination. So, if a WWTW transports to a dewatering site which then transports to a sludge treatment centre, the WWTW's destination in this table is the dewatering site.

TDS data aligns with published Bioresources Market Data. Sludge Transport routes populated from actual 2019-20 transport patterns as per the guidance.

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**3. Total Capacity**

3. Total capacity											
Column	1	2	3	4	5	6	7	8	9	10	11
Description	Site	Total capacity 2020-2021	Total capacity 2021-2022	Total capacity 2022-2023	Total capacity 2023-2024	Total capacity 2024-2025	Total capacity 2025-2026	Total capacity 2026-2027	Total capacity 2027-2028	Total capacity 2028-2029	Total capacity 2029-2030
Item reference	Text	tDS									
Unit	N/A	0	0	0	0	0	0	0	0	0	0
DPs											
1	ASHFORD_STW_BARNSTAPLE	1364	1364	1364	1364	1364	1364	1364	1364	1364	1364
2	BROKENBURY GUARRY_STW_TORBAY	3207	3207	3207	3207	3207	3207	3207	3207	3207	3207
3	BUCKLAND_STW_NEWTON ABBOT	2916	2916	2916	2916	2916	2916	2916	2916	2916	2916
4	CAMBORNE_STW_CAMBORNE	3408	3408	3408	3408	3408	3408	3408	3408	3408	3408
5	CAMELS HEAD_STW_PLYMOUTH	1206	1206	1206	1206	1206	1206	1206	1206	1206	1206
6	CENTRAL_STW_PLYMOUTH	5160	5160	5160	5160	5160	5160	5160	5160	5160	5160
7	CORNBOROUGH_STW_BIDEFORD	671	671	671	671	671	671	671	671	671	671
8	COUNTRESS WEAR_STW_EXETER	5269	5269	5269	5269	5269	5269	5269	5269	5269	5269
9	ERNESETTLE_STW_PLYMOUTH	2221	2221	2221	2221	2221	2221	2221	2221	2221	2221
10	FALMOUTH_STW_FALMOUTH	983	983	983	983	983	983	983	983	983	983
11	HAYLE_STW_HAYLE	3839	3839	3839	3839	3839	3839	3839	3839	3839	3839
12	HELEBRIDGE_STW_BUDE	499	499	499	499	499	499	499	499	499	499
13	HILL BARTON_STW_OKEHAMPTON	906	906	906	906	906	906	906	906	906	906
14	KILMINGTON_STW_AXMINSTER	1777	1777	1777	1777	1777	1777	1777	1777	1777	1777
15	KINGSBRIDGE_STW_KINGSBRIDGE	624	624	624	624	624	624	624	624	624	624
16	LODGEHILL_STW_LISKEARD	545	545	545	545	545	545	545	545	545	545
17	LORDS MEADOW_STW_CREDITON	452	452	452	452	452	452	452	452	452	452
18	MAER LANE_STW_EXMOUTH	1337	1337	1337	1337	1337	1337	1337	1337	1337	1337
19	MARSH MILLS_STW_PLYMPTON	1447	1447	1447	1447	1447	1447	1447	1447	1447	1447
20	MENAGWINS_STW_ST AUSTELL	468	468	468	468	468	468	468	468	468	468
21	NANSTALLON_STW_BODMIN	1059	1059	1059	1059	1059	1059	1059	1059	1059	1059
22	NEWHAM_STW_TRURO	2035	2035	2035	2035	2035	2035	2035	2035	2035	2035
23	NEWQUAY_STW_NEWQUAY	1516	1516	1516	1516	1516	1516	1516	1516	1516	1516
24	PAR_STW_ST AUSTELL	1382	1382	1382	1382	1382	1382	1382	1382	1382	1382
25	RADFORD_STW_PLYMOUTH	434	434	434	434	434	434	434	434	434	434
26	ST LEONARDS_STW_LAUNCESTON	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003
27	TIVERTON_STW_TIVERTON	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
28	TOTNES_STW_TOTNES	1883	1883	1883	1883	1883	1883	1883	1883	1883	1883

This table collects information on your current and forecast capacity at each bioresources site. Capacity is in tonnes dry solids input to the site in any form (liquid or cake). Include dewatering sites and sludge treatment centres only.

Standard throughput and operating hours per Sludge Treatment Centre calculated, South West Water have no planned increase in capacity during the current AMP as the strategy concentrates on improving sludge quality, and testing the market to inform future strategy and investment.

**4. Tradeable Capacity**

4. Tradeable capacity											
Column	1	2	3	4	5	6	7	8	9	10	11
Description	Site	Tradeable capacity 2020-2021	Tradeable capacity 2021-2022	Tradeable capacity 2022-2023	Tradeable capacity 2023-2024	Tradeable capacity 2024-2025	Tradeable capacity 2025-2026	Tradeable capacity 2026-2027	Tradeable capacity 2027-2028	Tradeable capacity 2028-2029	Tradeable capacity 2029-2030
Item reference	Text	tDS									
Unit	N/A	0	0	0	0	0	0	0	0	0	0
DPs											
1	ASHFORD_STW_BARNSTAPLE	0	0	0	0	0	0	0	0	0	0
2	BROKENBURY GUARRY_STW_TORBAY	0	0	0	0	0	0	0	0	0	0
3	BUCKLAND_STW_NEWTON ABBOT	0	0	0	0	0	0	0	0	0	0
4	CAMBORNE_STW_CAMBORNE	0	0	0	0	0	0	0	0	0	0
5	CAMELS HEAD_STW_PLYMOUTH	0	0	0	0	0	0	0	0	0	0
6	CENTRAL_STW_PLYMOUTH	0	0	0	0	0	0	0	0	0	0
7	CORNBOROUGH_STW_BIDEFORD	0	0	0	0	0	0	0	0	0	0
8	COUNTRESS WEAR_STW_EXETER	0	0	0	0	0	0	0	0	0	0
9	ERNESETTLE_STW_PLYMOUTH	0	0	0	0	0	0	0	0	0	0
10	FALMOUTH_STW_FALMOUTH	0	0	0	0	0	0	0	0	0	0
11	HAYLE_STW_HAYLE	0	0	0	0	0	0	0	0	0	0
12	HELEBRIDGE_STW_BUDE	0	0	0	0	0	0	0	0	0	0
13	HILL BARTON_STW_OKEHAMPTON	0	0	0	0	0	0	0	0	0	0
14	KILMINGTON_STW_AXMINSTER	0	0	0	0	0	0	0	0	0	0
15	KINGSBRIDGE_STW_KINGSBRIDGE	0	0	0	0	0	0	0	0	0	0
16	LODGEHILL_STW_LISKEARD	0	0	0	0	0	0	0	0	0	0
17	LORDS MEADOW_STW_CREDITON	0	0	0	0	0	0	0	0	0	0
18	MAER LANE_STW_EXMOUTH	0	0	0	0	0	0	0	0	0	0
19	MARSH MILLS_STW_PLYMPTON	0	0	0	0	0	0	0	0	0	0
20	MENAGWINS_STW_ST AUSTELL	0	0	0	0	0	0	0	0	0	0
21	NANSTALLON_STW_BODMIN	0	0	0	0	0	0	0	0	0	0
22	NEWHAM_STW_TRURO	0	0	0	0	0	0	0	0	0	0
23	NEWQUAY_STW_NEWQUAY	0	0	0	0	0	0	0	0	0	0
24	PAR_STW_ST AUSTELL	0	0	0	0	0	0	0	0	0	0
25	RADFORD_STW_PLYMOUTH	0	0	0	0	0	0	0	0	0	0
26	ST LEONARDS_STW_LAUNCESTON	0	0	0	0	0	0	0	0	0	0
27	TIVERTON_STW_TIVERTON	0	0	0	0	0	0	0	0	0	0
28	TOTNES_STW_TOTNES	0	0	0	0	0	0	0	0	0	0

This table collects information on your current and forecast ability to trade into each bioresources site. Capacity is in tonnes dry solids input to the site in any form (liquid or cake). Include dewatering sites and sludge treatment centres only.

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Whilst some seasonal capacity for opportunistic short-term trades is available theoretically, SWW has no guaranteed trade availability - therefore 0 tds has been entered. The limited potential for opportunistic trades is visible in Table 5.

**5. Headroom Capacity**

<b>5. Headroom capacity</b>											
Column	1	2	3	4	5	6	7	8	9	10	11
Description	Site	Headroom capacity 2020-2021	Headroom capacity 2021-2022	Headroom capacity 2022-2023	Headroom capacity 2023-2024	Headroom capacity 2024-2025	Headroom capacity 2025-2026	Headroom capacity 2026-2027	Headroom capacity 2027-2028	Headroom capacity 2028-2029	Headroom capacity 2029-2030
Item reference	Text	tDS									
Unit	N/A	0	0	0	0	0	0	0	0	0	0
DP#											
1	ASHFORD_STW_BARNSTAPLE	0	0	0	0	0	0	0	0	0	0
2	BROKENBURY QUARRY_STW_TORBAY	0	0	0	0	0	0	0	0	0	0
3	BUCKLAND_STW_NEWTON ABBOT	0	0	0	0	0	0	0	0	0	0
4	CAMBORNE_STW_CAMBORNE	2098	2083	2068	2055	2040	2026	2012	2000	1989	1977
5	CAMELS HEAD_STW_PLYMOUTH	188	187	186	184	183	182	181	179	178	177
6	CENTRAL_STW_PLYMOUTH	1226	1217	1208	1201	1192	1184	1176	1163	1162	1155
7	CORNBOROUGH_STW_BIDEFORD	0	0	0	0	0	0	0	0	0	0
8	COUNTESS WEAR_STW_EXETER	1010	1003	996	990	983	976	969	963	958	952
9	ERNESETTLE_STW_PLYMOUTH	0	0	0	0	0	0	0	0	0	0
10	FALMOUTH_STW_FALMOUTH	79	79	78	77	77	76	76	75	75	74
11	HAYLE_STW_HAYLE	2614	2596	2577	2561	2542	2525	2507	2492	2478	2463
12	HELEBRIDGE_STW_BUDE	108	107	106	105	105	104	103	103	102	101
13	HILL BARTON_STW_OKEHAMPTON	733	728	722	718	713	708	703	699	694	690
14	KILMINGTON_STW_AXMINSTER	1340	1330	1321	1312	1303	1294	1285	1277	1270	1262
15	KINGSBRIDGE_STW_KINGSBRIDGE	436	435	431	428	424	421	418	415	412	409
16	LODGEHILL_STW_LISKEARD	448	445	442	439	436	433	430	428	425	423
17	LORDS MEADOW_STW_CREDITON	130	129	128	127	126	125	124	124	123	122
18	MAER LANE_STW_EXMOUTH	0	0	0	0	0	0	0	0	0	0
19	MARSH MILLS_STW_PLYMPTON	698	693	688	684	679	674	669	665	661	658
20	MENAGWINS_STW_ST AUSTELL	0	0	0	0	0	0	0	0	0	0
21	NANSTALLON_STW_BODMIN	208	207	205	204	203	201	200	199	197	196
22	NEWHAM_STW_TRURO	1074	1066	1059	1052	1044	1037	1030	1024	1018	1012
23	NEWQUAY_STW_NEWQUAY	0	0	0	0	0	0	0	0	0	0
24	PAR_STW_ST AUSTELL	177	176	175	174	172	171	170	169	168	167
25	RADFORD_STW_PLYMOUTH	0	0	0	0	0	0	0	0	0	0
26	ST LEONARDS_STW_LAUNCESTON	307	305	303	301	299	297	295	293	291	289
27	TIVERTON_STW_TIVERTON	10	10	10	10	10	10	10	9	9	9
28	TOTNES_STW_TOTNES	1437	1427	1416	1407	1397	1388	1378	1370	1362	1354

This table collects information on your current and forecast headroom at each bioresources site. Capacity is in tonnes dry solids input to the site in any form (liquid or cake). Include dewatering sites and sludge treatment centres only.

Headroom capacity has been calculated for each Sludge Treatment Centre by calculation of capacity less Bioresources 3-year average production decreasing annually by the population increase percentage for region. South West Water have no planned increase in capacity during the current AMP as the strategy concentrates on improving sludge quality, and testing the market to inform future strategy and investment.