

SPS Environment Agency data analysis – 2020/2021/2022 – High priority sewer overflows summarised by Solent tidal area

| Rank<br>2022 | SPS 'Solent area'  | Total spill hours |            |            | Total #<br>of CSOs | Worst cases – Highest spilling ‘target’ CSOs within each Solent tidal area |            |            |                   |      |      |                  |      |      |                                                                                                                                       |
|--------------|--------------------|-------------------|------------|------------|--------------------|----------------------------------------------------------------------------|------------|------------|-------------------|------|------|------------------|------|------|---------------------------------------------------------------------------------------------------------------------------------------|
|              |                    |                   |            |            |                    | Subset of total spills                                                     |            |            | % of total spills |      |      | # of target CSOs |      |      | Target CSOs in Solent tidal area                                                                                                      |
|              |                    | Hours 2020        | Hours 2021 | Hours 2022 | 2022               | Hours 2020                                                                 | Hours 2021 | Hours 2022 | 2020              | 2021 | 2022 | 2020             | 2021 | 2022 | Subset of 37 of 271 outfalls which spilled for more than 290 hours/year in 2022                                                       |
| 1            | Chichester harbour | 4,869             | 7,808      | 7,366      | 19                 | 4,407                                                                      | 6,981      | 6,322      | 91                | 89   | 86   | 3                | 3    | 4    | Bosham SSO<br>Chichester WTW2 SSO<br>Nutbourne SSO<br>Lavant WWTW                                                                     |
| 2            | IW East            | 7,905             | 6,770      | 6,597      | 36                 | 7,479                                                                      | 4,947      | 4,588      | 95                | 6    | 70   | 7                | 6    | 6    | Appley Pk Ryde Transfer CEO<br>Hillway Bembridge CEO<br>Lane End Storage Tanks<br>Bembridge CEO<br>Sandown #1&2 SSOs<br>St Helens SSO |
| 3            | Southampton Water  | 3,345             | 2,264      | 3,054      | 39                 | 2,809                                                                      | 1,233      | 1,637      | 84                | 54   | 54   | 4                | 3    | 3    | Millbrook WWTW<br>Portswood WWTW<br>Slowhill Copse WWTW                                                                               |
| 4            | Portsmouth Harbour | 2,621             | 4,294      | 2,932      | 47                 | 1,912                                                                      | 3,229      | 2,042      | 73                | 75   | 70   | 2                | 5    | 4    | Wickham WWTW<br>High St Fareham<br>North End Av<br>Hambleton PS                                                                       |
| 5            | Cowes              | 2,594             | 2,792      | 2,897      | 14                 | 1,939                                                                      | 2,044      | 2,221      | 75                | 73   | 77   | 3                | 3    | 4    | Springhill Cowes Transfer SSO<br>Terminus Rd CSO<br>Woodvale Transfer CSO<br>Egypt Pt CSO                                             |
| 6            | Medina River       | 2,434             | 2,309      | 2,556      | 13                 | 1,803                                                                      | 1,805      | 1,664      | 74                | 78   | 65   | 2                | 3    | 3    | Dodnor CEO<br>Fairlee CSO<br>Prior Crescent CSO                                                                                       |
| 7            | Western Solent     | 2,479             | 3,164      | 1,865      | 12                 | 2,479                                                                      | 2,585      | 1,457      | 100               | 82   | 78   | 3                | 4    | 3    | East Boldre SSO<br>Flexford Ln Sway SSO<br>Milford Rd Pennington SSO                                                                  |
| 8            | IW West            | 1,527             | 2,029      | 1,817      | 23                 | 972                                                                        | 1,427      | 1,337      | 64                | 70   | 74   | 1                | 3    | 1    | Norton Transfer IW Pumped CEO                                                                                                         |
| 9            | Langstone Harbour  | 1,898             | 1,525      | 1,643      | 13                 | 1,898                                                                      | 1,415      | 1,440      | 100               | 93   | 88   | 2                | 2    | 2    | Budds Farm Havant SSO<br>Henderson Rd Eastney CSO.                                                                                    |
| 10           | Hamble River       | 363               | 2,681      | 1,205      | 10                 | 0                                                                          | 2,173      | 580        | 0                 | 81   | 48   | 0                | 2    | 1    | Pound Road Bursledon CEO                                                                                                              |
| 11           | Test River         | 4,244             | 7,257      | 1,067      | 17                 | 3,847                                                                      | 7,084      | 673        | 91                | 98   | 63   | 2                | 4    | 2    | King Somborne SSO<br>Stockbridge SSO                                                                                                  |
| 12           | Central Solent     | 1,419             | 878        | 1,013      | 8                  | 778                                                                        | 586        | 712        | 55                | 67   | 70   | 1                | 1    | 1    | Peel Common SSO                                                                                                                       |
| 13           | Beaulieu River     | 1,507             | 847        | 859        | 5                  | 1,067                                                                      | 511        | 827        | 71                | 60   | 96   | 2                | 1    | 2    | Beaulieu Village SSO<br>Lyndhurst SSO                                                                                                 |
| 14           | Itchen River       | 849               | 435        | 749        | 10                 | 849                                                                        | 0          | 624        | 100               | 0    | 83   | 1                | 0    | 1    | Chicken Hall Eastleigh SSO                                                                                                            |
| 15           | Eastern Solent     | 1,046             | 151        | 134        | 5                  | 612                                                                        | 0          | 0          | 59                | 0    | 0    | 1                | 0    | 0    | Pier Rd Southsea CSO<br>[Less than 290hrs]                                                                                            |
|              |                    | 39,100            | 45,204     | 35,754     | 271                | 32,851                                                                     | 36,020     | 26,124     | 84                | 80   | 73   | 34               | 40   | 37   |                                                                                                                                       |

*Isle of Wight  
Chichester Harbour*

**13,867  
7,366**

*39% of total spills  
21% of total spills*

**9,180  
6,322**

*38% of total spills  
24% of total spills*

CEO Combined Emergency Overflow  
CSO Combined Sewer Overflow  
SSO - Sanitary Sewer Overflow  
WWTW - Waste Water Treatment Works