

# Slurry Wizard ~ Slurry Report



| Cubic metres                                | Sep    | Oct  | Nov  | Dec  | Jan  | Feb   | Mar   | Apr   | May   | Jun   | Jul   | Aug   | Total    |
|---------------------------------------------|--------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|----------|
| Days                                        | 30     | 31   | 30   | 31   | 31   | 28    | 31    | 30    | 31    | 30    | 31    | 31    | 365 days |
| Total excreta as slurry (m3)                | 314    | 324  | 314  | 324  | 324  | 303   | 324   | 314   | 324   | 314   | 324   | 324   | 3825 m3  |
| % excreta to slurry store (100% for housed) | 50     | 50   | 100  | 100  | 100  | 100   | 100   | 100   | 50    | 50    | 50    | 50    |          |
| Excreta to slurry store (m3)                | 157    | 162  | 314  | 324  | 324  | 303   | 324   | 314   | 162   | 157   | 162   | 162   | 2863 m3  |
| Slurry separated (m3)                       | No     | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0 m3     |
| Parlour washings (m3)                       | No     | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0 m3     |
| STD code average rainfall (mm)              | 75     | 76   | 83   | 84   | 77   | 57    | 67    | 62    | 68    | 69    | 64    | 80    | 862 mm   |
| Own average rainfall (mm)                   |        |      |      |      |      |       |       |       |       |       |       |       |          |
| Rainfall adjusted to +25% for M5 (mm)       | 94     | 95   | 104  | 105  | 96   | 71    | 84    | 78    | 85    | 86    | 80    | 100   | 1078 mm  |
| Storage required                            | Yes    | Yes  | Yes  | Yes  | Yes  | No    | No    | No    | No    | No    | No    | No    |          |
| Yard run off area to slurry store (m3)      | 0 m2   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0 m3   |
| Slurry store rainfall to store (m3)         | 312 m2 | 29.3 | 32.4 | 32.8 | 30.0 | 22.2  | 26.1  | 24.2  | 26.5  | 26.9  | 25.0  | 31.2  | 306.9 m3 |
| Roof water area to store (m3)               | 0 m2   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0 m3     |
| Total cubic metres (m3)                     | 186    | 192  | 346  | 357  | 354  | 325   | 26    | 24    | 27    | 27    | 25    | 31    | 1919 m3  |
| Cumulative production (m3)                  | 186    | 378  | 723  | 1080 | 1434 | 1759  | 1786  | 1810  | 1836  | 1863  | 1888  | 1919  | 1919 m3  |
| Total storage capacity (m3)                 | 624    | 624  | 624  | 624  | 624  | 624   | 624   | 624   | 624   | 624   | 624   | 624   | 624 m3   |
| Capacity less production (m3)               | 438    | 246  | -99  | -456 | -810 | -1135 | -1162 | -1186 | -1212 | -1239 | -1264 | -1295 | -1295 m3 |

## Action points

- You do not have at least 5 months slurry storage to comply with NVZ regulations
- You do not have at least 6 months storage as recommended for FRW compliance

Consider slurry separation ~ see slurry strategies booklet NB solids need to be stored in accordance with SSAFO/NVZ regs

| Cost/Benefits                   | Net Benefit £/year |
|---------------------------------|--------------------|
| Divert roof water               | 0                  |
| Divert roof water & harvest     | 0                  |
| Roof dirty yard                 | 0                  |
| Roof dirty yard & harvest water | 0                  |

The cost/benefit is based on a slurry storage cost of £50/cubic metre