

Environmental data

| EMISSIONS TO WATER AND AIR | | | | | | | |
|--|-------------|-------------|---------|---------|---------|---------|---------|
| | | Permit 2023 | 2023 | 2022 | 2021 | 2020 | 2019 |
| PRODUCTION | | | | | | | |
| Rottneros Mill | tonnes | 200,000 | 122,100 | 171,600 | 172,900 | 179,900 | 178,400 |
| Vallvik Mill | tonnes | 255,000 | 229,600 | 225,500 | 222,400 | 232,700 | 227,600 |
| SULPHUR | | | | | | | |
| Rottneros Mill | tonnes/year | – | 2.4 | 2.2 | 1.6 | 6 | 16 |
| Vallvik Mill – excl. diffuse emissions | tonnes/year | 80 | 15 | 10 | 17 | 12 | 17 |
| Vallvik Mill – diffuse emissions | tonnes/year | 0.18 | 0.15 | 0.15 | 0.15 | 0.15 | 0.16 |
| NOX | | | | | | | |
| Rottneros Mill | tonnes/year | – | 31 | 33 | 36 | 31 | 28 |
| Vallvik Mill | tonnes/year | 420 | 306 | 309 | 341 | 346 | 362 |
| SUSPENDED SUBSTANCES | | | | | | | |
| Rottneros Mill | tonnes/year | 325/375* | 122 | 148 | 148 | 222 | 135 |
| Vallvik Mill | tonnes/day | 2.0 | 1.1 | 0.9 | 1.2 | 1.3 | 1.4 |
| COD | | | | | | | |
| Rottneros Mill | tonnes/year | 4,000 | 2,418 | 3,678 | 2,936 | 3,755 | 3,213 |
| Vallvik Mill, ECF | tonnes/day | 14.0 | 11.0 | 10.3 | 11.9 | 12.4 | 14.0 |
| Vallvik Mill, UKP | tonnes/day | 5.2 | 4.4 | 4.0 | 4.6 | 4.8 | 6.7 |
| AOX | | | | | | | |
| Vallvik Mill, ECF | kg/tonne | 0.12 | 0.08 | 0.09 | 0.09 | 0.11 | 0.10 |
| FOSFOR | | | | | | | |
| Rottneros Mill | tonnes/year | 1.5/2.2* | 0.4 | 0.4 | 0.7 | 1.6 | 0.7 |
| Vallvik Mill, ECF | kg/day | 14 | 9 | 9 | 12 | 15 | 14 |
| Vallvik Mill, UKP | kg/day | 26 | 28 | 24 | 27 | 24 | 24 |

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|---|-------------|--------------|--------------|--------------|--------------|--------------|------|
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| NITROGEN | | | | | | | |
| Rottneros Mill | tonnes/year | 35/42* | 17 | 23 | 22 | 25 | 26 |
| Vallvik Mill, ECF | kg/day | 110 | 70 | 63 | 83 | 105 | 113 |
| Vallvik Mill, UKP | kg/day | 76 | 50 | 43 | 63 | 62 | 70 |
| CHLORATE | | | | | | | |
| Vallvik Mill, ECF | tonnes/day | 0.25 | 0.19 | 0.41 | 0.24 | 0.17 | 0.20 |
| ENERGY CONSUMPTION EXCL. ELECTRICITY | | | | | | | |
| | | 2023 | 2022 | 2021 | 2020 | 2019 | |
| ROTTNEROS MILL | | | | | | | |
| Biofuels | GWh | 93 | 90 | 79 | 85 | 81 | |
| Fossil fuels | GWh | 7 | 25 | 34 | 32 | 36 | |
| Total | GWh | 100 | 115 | 113 | 117 | 118 | |
| Proportion of biofuels | % | 93 | 78 | 70 | 73 | 69 | |
| VALLVIK MILL | | | | | | | |
| Biofuels, incl. black liquor | GWh | 1,623 | 1,615 | 1,635 | 1,689 | 1,673 | |
| Fossil fuels | GWh | 21 | 14 | 17 | 21 | 32 | |
| Total | GWh | 1,644 | 1,629 | 1,652 | 1,710 | 1,705 | |
| Proportion of biofuels | % | 99 | 99 | 99 | 99 | 98 | |
| GROUP | | | | | | | |
| Biofuels, incl. black liquor | GWh | 1,716 | 1,705 | 1,714 | 1,774 | 1,754 | |
| Fossil fuels | GWh | 28 | 39 | 51 | 53 | 68 | |
| Total | GWh | 1,744 | 1,744 | 1,765 | 1,827 | 1,823 | |
| Proportion of biofuels | % | 98 | 98 | 97 | 97 | 96 | |

*The lower criterion is for production up to 170,000 tonnes, and the higher criterion is for production 170,000 - 200,000 tonnes.