

Test results for Scarab equipment – and HVR and Xzero

| Type of contamination | Amount | Result | Method | Detection limits | Test by |
|--|-----------------------|------------|-------------------------------------|------------------|--|
| Bacteria | 14 000 (after 7 days) | BDL | Membrane filter count | - | National Bacteriologic Laboratory, Stockholm |
| Chlorine | 3.4 mg/l | BDL | Photometric analysis (Perkin Elmer) | < 0.01 mg/l | Water Protection Ass of South West Finland |
| Salt water | 31 000 ppm | BDL | Ion chromatography | < 1 ppm | VBB Viak Stockholm |
| Trihalomethanes | 1 000 µg/l | BDL | Gas chromatography | < 1 µg/l | University of Turku, Finland |
| Radon | 380 Bq/l | BDL | Alfa detection | < 4 Bq/l | Swedish Radiation Protection Institute |
| Cesium Strontium Plutonium Radium | 2.4 Bq | BDL | Lithium Drifted Germanium Detector | < 0.1 Bq | Radiation Physics Department, Univ of Lund |
| Arsenic +3 | 10 mg/l | BDL | AAS Graphite | < 0.003 mg/l | Analytica AB, Stockholm |
| Arsenic +5 | 10 mg/l | BDL | AAS Graphite | < 0.003 mg/l | Analytica AB, Stockholm |
| Ag nanoparticles | 3100 µg /l | BDL | HPLC | < 2 µg /l | IVL Swedish Environmental Research Institute |
| SiO ₂ | 10000 µg /l | BDL | AAS | < 5 µg /l | Vattenfall AB, Stockholm |
| Setralin and 20 other pharmaceutical residuals | 4 ng/l | BDL | HPLC | < 0.8 ng/l | IVL Swedish Environmental Research Institute |

BDL = Below detection limit