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Vietnam Urban Wastewater Review



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ABBREVIATIONS

| | |
|------------------|---|
| ADB | Asian Development Bank |
| A ₂ O | Anaerobic-Anoxic-Oxic Wastewater Treatment Technology |
| AS/ASP/CAS | Conventional Activated Sludge Technology |
| BOD | Biological Oxygen Demand |
| CAPEX | Capital Expenditure/Capital Expense |
| C:N | Carbon to Nitrogen Ratio |
| COD | Chemical Oxygen Demand |
| CSO | Combined Sewer Overflow (Diversion Chamber) |
| CSS | Combined Sewerage System |
| DOC | Department of Construction |
| DOLISA | Department of Labor, Invalids and Social Affairs |
| DONRE | Department of Natural Resources and Environment |
| EP | Environmental Protection |
| EPL | Law on Environmental Protection |
| ESI | Economics of Sanitation Initiative |
| FSM | Fecal Sludge (Septage) Management |
| GDP | Gross Domestic Product |
| HCMC | Ho Chi Minh City |
| HSDC | Hanoi Sewerage and Drainage Company |
| HHs/HHC | Households/Household Connection |
| IEC | Information, Education and Communication |
| JICA | Japan International Cooperation Agency |
| KfW | Kreditstalt für Wiederaufbau |
| MARD | Ministry of Agriculture and Rural Development |
| MOC | Ministry of Construction |
| MOF | Ministry of Finance |
| MOLISA | Ministry of Labor, Invalid and Social Affairs |
| MONRE | Ministry of Natural Resources and Environment |
| M&E | Monitoring and Evaluation |
| MPI | Ministry of Planning and Investment |
| MPN | Most Probable Number |
| NTP | National Target Program |

| | |
|----------|--|
| OD | Oxidation Ditch Technology |
| ODA | Official Development Assistance |
| O&M | Operation and Maintenance |
| OPEX | Operating Expenditure / Operating Expense |
| PC / PPC | Peoples' Committee/Provincial Peoples' Committee |
| PPP | Public-Private-Partnership |
| PSP | Private Sector Participation |
| QCVN | Vietnam (National) Technical Regulation |
| RBA | River Basin Approach |
| SBR | Sequencing Batch Reactor Technology |
| SSS | Separate sewerage system |
| TCVN | Vietnam National Standards |
| TF | Trickling Filter Technology |
| TN | Total Nitrogen |
| TSS | Total Suspended Solids |
| U3SAP | Sanitation Sector Strategy and Action Plan |
| VND | Vietnamese Dong |
| UNICEF | United Nations Children's Funds |
| USD | United States Dollar |
| WB | The World Bank |
| WHO | World Health Organization |
| WSP | Water and Sanitation Program |
| WWTP | Wastewater Treatment Plant |