



CONSTRUCTION AND RECLAMATION WORKS

AWT is an expert in land reclamations – we have nearly 60 years of experience with reclamations that have required considerable landscaping interventions, the relocation of large volumes of soil, the demolition of buildings and also new constructions.

We possess the necessary specialised machinery as well as trained staff. We also possess highly specialised expertise that is also applicable in areas with historical environmental burdens. We are active in the protection of nature and natural landscapes through the creation of green areas and the management of watercourses. We also operate landfills and facilities for the disposal and processing of waste materials.

SERVICES RENDERED

- Reclamation and decontamination projects
- Decontamination of sites with historical environmental pollution
- Earthworks
- Demolitions
- Landscape maintenance
- Landfill operation
- Waste disposal and depositing
- Project design
- Transportation

Reclamation and decontamination projects

One of the prominent activities in the rectification of damage caused by coal mining is the reclamation of undermined areas. Reclamations have taken place at an intensive rate in the Ostrava-Karviná mining district for more than 30 years.

Reclamations involve the following activities:

- Landscaping
- Restoration of land affected by subsidence
- Decontamination of sludge reservoirs
- Landscaping of spoil heaps



- The objective of the reclamation activities is to return the landscape to agricultural or industrial use, a natural condition or recreational use

Decontamination of sites with a historical environmental burden

Sites with historical environmental pollution represent a major issue in all areas with a history of intensive industrial production – production that has often been pursued regardless of environmental consequences. Contamination affects primarily the premises of previous or existing industrial enterprises.

Decontamination comprises a wide range of measures, including:

- Building decontamination
- Soil and water decontamination
- Land reclamation
- Subsequent monitoring of the area
- Follow-up care for the reclaimed area

Earthworks

Landscaping activities associated with reclamations cannot dispense with the use of specialised heavy machinery and earthwork expertise. We offer our customers these activities as well as a wealth of experience.

Demolitions

We carry out demolition works to the tune of CZK 15 million a year. The assignments usually involve demolitions of family houses and pit-head buildings. Thanks to our vast experience and required capacities, we can carry out the demolition of buildings in the shortest possible time and with the minimum disturbance



of the surroundings. Subsequently, we can arrange the site in line with the customer's specifications, with the inclusion of decontamination and reclamation works.

Landscape maintenance

Our services:

- Greenery maintenance – mowing, scything, removal of organic matter, mulching, trimming, agricultural management of land, and afforesting
- Maintenance of afforested areas – blanket removal of bracken, fertilisation, chemical treatment protection against browsing animals, supplementary planting, hoeing
- Tree felling, removal of undergrowth, removal of tree stumps by milling or excavation, crushing of pruned branches and undergrowth, removal of tree trunks, tree felling and pruning under aggravated conditions
- Decorative and parkland planting
- Chemical weeding prior to and after greenery planting
- Greenery treatment

Dump operation

Industrial waste dump Ostrava, spoil banks Zárubek

An extensive area among the former spoil banks Zárubek is an ideal place for the disposal of waste materials, especially with respect to the extent of the historical environmental burdens present in the city of Ostrava and its environs that requires progressive rectification. The technology complies with the relevant standards and legal regulations governing the area of waste management.

The following facilities are operated within the waste dump premises:

- Hazardous waste dump – for hazardous and waste materials
- Decontamination centre – for waste materials contaminated with oil products and polycyclic aromatic hydrocarbons (PAHs)
- Construction debris recycling facility – recycling concrete, reinforced concrete, bricks, tarless asphalt, soil
- Waste reuse facility – landscaping of the Zárubek spoil banks, reuse of construction and industrial wastes in accordance with the code of operation of the facility

Project design

In line with the focus of our activities, we offer project design services, namely in the following areas:

- Environmental and landscape protection projects
- Landscaping and greenery development projects
- Reclamation works
- Watercourse and water body adjustments, and ameliorations
- Environmental projects
- Landfills in line with current standards
- Rectification of historical environmental pollution

Transportation

We offer our customers high-quality services in the area of transportation using the following off-road and on-road vehicles:

- Road vehicles for the transport of loose materials
- Lorry-mounted cranes
- Construction machinery VOLVO, CATERPILLAR

Heavy machinery

We offer our customers the performance of earthworks, demolitions, reclamations and other works using the following machinery at our disposal:

- Wheel loaders VOLVO L 150E-180E, two-wheel loader scales Pfreundt WK 50
- Track bulldozers CAT D6M, D6H, D6H XL, KOMATSU D51PX with laser levelling, D65EX/15 with laser levelling
- Track excavators CAT 322 to 330, Komatsu PC 290
- CAT 330 + UHD demolition arm 21 m + MP20 hydraulic scissors
- Hydraulic excavator/material handler CAT 325/C + BK, or demolition grab
- Wheel excavators KOMATSU PW 200: excavation bucket + backhoe, or BK + grab
- Backhoe loader CAT 428-438, VOLVO BL/71 excavator bucket + backhoe
- Lorry mounted excavators UDS 114a: excavation, trenching, and sloping buckets, possibility of an extended arm of 1.5 to 3 m and a roller
- Compactors: CAT 663E with a compaction gauge ECM (17 t), VV900 (9.5 t), BOMAG BMW 6
- Separators and crushers

Kladno Plant

The plant at Kladno specialises in assignments associated with the reclamation of old mine works and damage caused by mining on the surface. The plant also utilises a fly-ash stabilising agent – a product certified by the Central Mining Rescue Station (HBZS). Also performed by the plant are decontamination and reclamation works, and the removal of environmental burdens throughout the Central Bohemian Region. The centre additionally carries out regular construction activities, demolitions and real estate maintenance.

Certificates

- ISO 9001:2008
- ISO 14001:2004
- BS OHSAS 18001:2007

CONTACT INFORMATION

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