

Waste treatment projects

Construction and Operation of a household waste treatment plant at Levashovo area –St. Petersburg PPP project

Russia

Project

Preliminary geotechnical assessment and design of a waste treatment plant at Levashovo area , St. Petersburg, Russia

Construction Cost

Total cost: approx. € 300m.

Project Schedule

Design: 2012- 2014

Construction: 2013 - 2015

Project Description

Preliminary geotechnical assessment and design of the various structural units of a waste treatment plant, located in an area of approx. 100,000m² in Levashovo, St. Petersburg

Geology

Mainly clays, loams and sandy loams. Water table anticipated near the ground surface, swamps presence in the broader area

Our Services

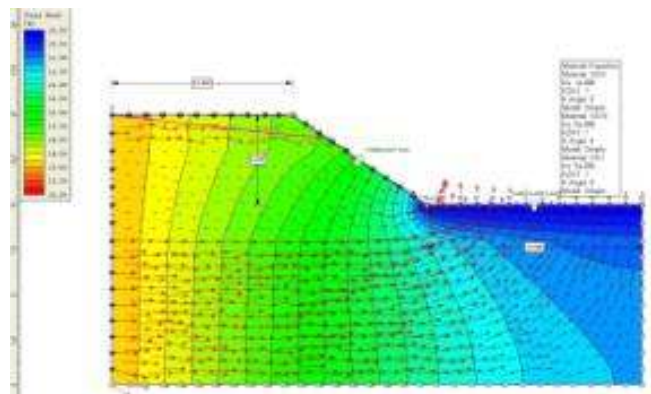
- Geotechnical evaluation and interpretation
- Geotechnical estimations for the foundation of the main facilities
- Geotechnical assessment for the required temporary excavations of the main facilities
- Geotechnical proposals for mitigating buoyancy issues
- Supplementary geotechnical campaign proposal
- Initial identification of issues that could overburden the projects budget (dewatering, soil frost heave, soil swelling, contamination etc.)

Client

Joint Partnership HELEKTOR S.A. – AKTOR CONCESSIONS S.A. – AKTOR S.A.



Application areas of design ground profiles



Calculated flow net