


<b>Project title:</b> Remediation of wastewater treatment sludge and landfill construction at Hargia site, Mongolia		
<b>Key words:</b> solid waste management, risk assessment, landfill, heavy metals, waste water treatment sludge, capacity building, chromium VI		
<b>Country / Location:</b> Mongolia / Ulaanbaatar	<b>Implementation period:</b> 9/2010 - 11/2012	
<b>Client:</b> Czech Development Agency Nerudova 3, 118 50 Praha 1	<b>Value of the contract:</b> 807,262 EUR	
<b>Contact Person:</b> Mr. Frantisek Zouhar Tel: +420 251 108 171	<b>Value of the services provided by DEKONTA:</b>	
<b>Funding agency, if different from the Client:</b>	<b>Number of staff-months provided by DEKONTA:</b> 36 staff months	
<b>Name of associated consultants / subcontractors, if</b>	<b>DEKONTA's staff and functions performed:</b> Vojtech Musil - Project Manager	
<b>Narrative description of the Project:</b> Funded by the Czech Development Agency under the official cooperation between the Czech Republic and Mongolia had three main objectives: - Site survey at former waste water pre-treatment station for leather processing factories and hospital where a large amount of contaminated sludge waste deposited. - Feasibility study and Risk Assessment study for site clean up and waste disposal - Construction of a new landfill following the EU standards, site clean up, waste deposition at the new landfill, landfill closure and rehabilitation including installment of the monitoring system.		
<b>Type of the services provided by DEKONTA:</b> The main services performed by DEKONTA were: - Identification of a total of total 20 000 m3 of solid waste at the site (including contaminated sludge contained hexavalent chromium, contaminated constructions and soil, as well as significant amount of municipal waste). - Identification of human health and environmental risks (local inhabitants and workers of the waste water pre-treatment station, nearby river and the ecosystems linked to the river) - Feasibility study concerning the site clean up and solid waste and hazardous waste disposal was done. - Identification of the most suitable solution for the waste disposal (Landfill) - Detail Design of the landfill construction and construction permit. - Construction of a sealed landfill dedicated for the sludge and other waste from Hargia site - Closure and rehabilitation of the landfill - Installation of a soil and groundwater monitoring system		
<b>Signature:</b> Jan Vaněk, MBA Head of Environmental Projects Division and Member of the Board of Directors		

