



**Ray and Maria Stata Center
Cambridge, MA
\$4,500,000**



Charter was contracted to transport and dispose of 330,000 tons of MA Regulated soil and RCRA regulated soil. The property is a 2.8 area facility, 713,000 sf, located at 10 to 40 Vassar Street on the MIT Campus.

Charter managed all material removed during this high profile, massive foundation excavation. The project site was extremely complicated because of Campus and City restrictions. Charter located and staged up to 75 trucks on various permitted streets and parking lots throughout the city on a daily basis.

Transportation and disposal for this contract included 195,150 tons of unregulated clays, sand and till, and 134,235 tons of regulated material with 109,462 tons to 4 unlined landfills, 4,592 to 3 lined landfills, and 20,181 tons to aggregate recyclers.

Charter transported and disposed of 300,000 tons of displaced soil in 8 months under this contract, with over 330,000 tons. 134,235 tons of excavated soils were transported off-site under LSP-approved Bills of Lading. The soil transported off-site consisted of contaminated fill and naturally deposited organic soils and clays. 195,150 tons of organic soil and clays contained levels of contaminants less than the applicable reportable concentrations (RCS-1) and was therefore not considered remediation waste.

Multiple soil samples were collected from the urban fill layer during the preliminary subsurface

exploration program. Chemical analyses conducted for the soil samples included total petroleum hydrocarbons (TPH), RCRA (8) metals, volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs), pesticides, and semi-volatile organic compounds (SVOCs).

Charter coordinated on-site storage and surrounding area buildings air handling unit shut down for early morning removal of treated soils due to natural release of hydrogen sulfide from soils during loading.

335 tons of TCLP-lead failed soil were also stabilized and treated prior to removal saving \$46.5K in disposal costs.



Charter worked closely with the community and addressed their concerns by adjusting truck routes and limiting the hours of operations. Despite the 5-truck on-site limitation, Charter disposed of up to 148 loads to multiple disposal facilities daily.

All work for this contract was performed on or ahead of the designated schedule.

“Charter’s performance on this T&D contract was outstanding. I would absolutely recommend them for future work, and look forward to working with them again.”

General Manager
Welch Corporation