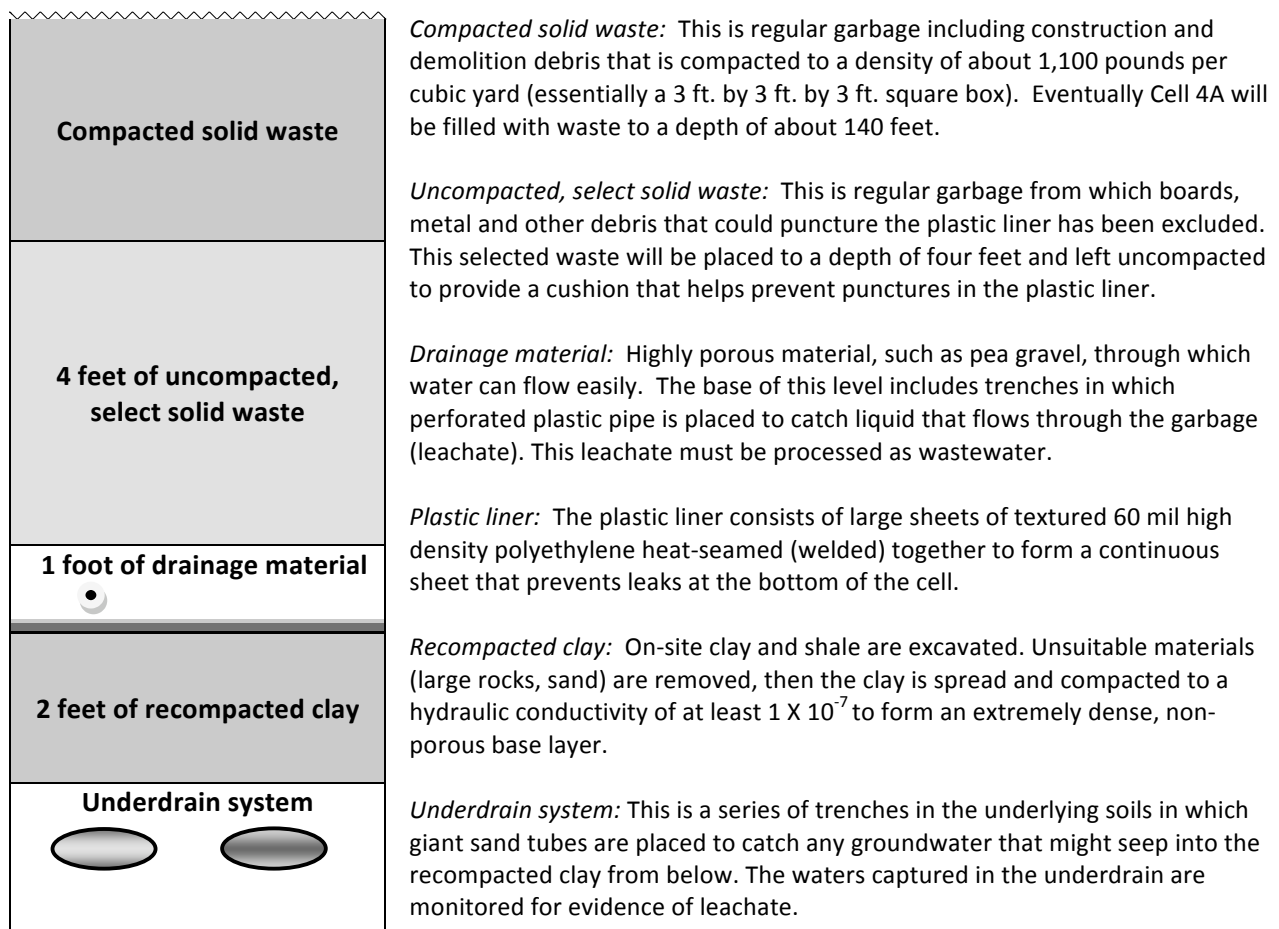


Landfill Cell 4A Construction Spring/Summer 2009

Cell: An engineered area in which waste is buried at a municipal solid waste landfill. The design of the cell must meet both federal and state standards for construction and environmental protection.

Permit: The Landfill's sanitary disposal project permit is issued by the state Department of Natural Resources.

Cell construction: Cell 4A is a composite lined cell, which means the liner is comprised of multiple layers and materials.



Size: The base of Cell 4A is about 5.5 acres (239,580 square feet) in size, which is a little larger than the area covered by four football fields. With the sloping sides and leachate storage lagoon included, Cell 4A covers about 8.1 acres.

Capacity: The Landfill buries about 70,000 tons of waste per year. With a capacity of about 500,000 cubic yards, Cell 4A will remain open to receive waste for about 3½ years. The life of the cell depends not only on the size of the cell but also on how tightly the waste is packed (compaction) and how much dirt or other material is used each day to cover the waste.

The Agency will begin constructing its next landfill cell in spring 2012 so that capacity is available to continue landfilling when cell 4A has been filled.

Cost: Cell 4A is currently projected to have a construction cost of \$1,575,553.

The original contract for Cell 4A was approved at \$1,534,148. The Agency has approved two change orders through June 30th – the first for \$40,447 to dig out unexpected pockets of poor quality soils and waste trees that were found during excavation and the second for \$958 to extend the casing on a groundwater monitoring well at the edge of the construction area.

Financing: The Agency sold a revenue bond for \$1,060,000 at an interest rate of 3.2 percent to pay for most, though not all, of the cost of building Cell 4A. The revenue bond will be repaid over a period of five of the Agency’s fiscal years, which end on June 30th of each year shown.

FYE 2010	\$304,668
FYE 2011	\$305,440
FYE 2012	\$306,481
FYE 2013	\$122,200
FYE 2014	\$113,520

The remainder of the project cost will be paid using withdrawals from the Agency’s Capital Reserve Fund. For the past several years, the Agency has been placing a portion of each dollar of tipping fee revenue into this fund to pay for upcoming major capital expenditures like cell construction and equipment replacement.