Attachment 3

Closure and Post-Closure Plans

Closure and Post-Closure Plans

A final cover will be installed over a minimum of 2 feet of clay soil. Surface of cover material will have to be graded to allow surface water to run off, but will not exceed 3 percent. Sides slopes will be less than 1 vertical to 3 horizontal. Compaction can be adequately accomplished by the excavation equipment.

Seeding of the upper layer with a grass suitable to the area's environment will be necessary to control erosion. Engineering and inspections will be required at the closure of each section.

Closure Procedures

a. Notify Regulatory Agency to determine Current Inspection Requirements and Notifications
b. Rough Grade Existing Surface
c. Determine Existing Surface Elevations with Topographic Survey
d. Place and Compact 2-foot Thick Soil Cap as Required (in locations where a cap has not previously been placed)
e. Fine Grade Cap
f. Install and Construct Drainage Ditches, Swales, Berms, Drainage Control Features
g. Verify New Surface with Topographic Survey
h. Conduct final inspection with Regulatory Agency

Post-Closure Procedures

The Post-Closure Plan for the Plain City Landfill includes the following:

a. Any structures that remain on site will be used for storage space of city equipment, supplies and vehicles to be maintained and monitored by city workers
b. Semi-annual site inspections specifically geared towards post closure maintenance will be conducted by either former landfill operators or city workers trained in post closure procedures. These semi-annual inspections will be conducted for at least 30 years after the permanent closure of the Plain City Landfill

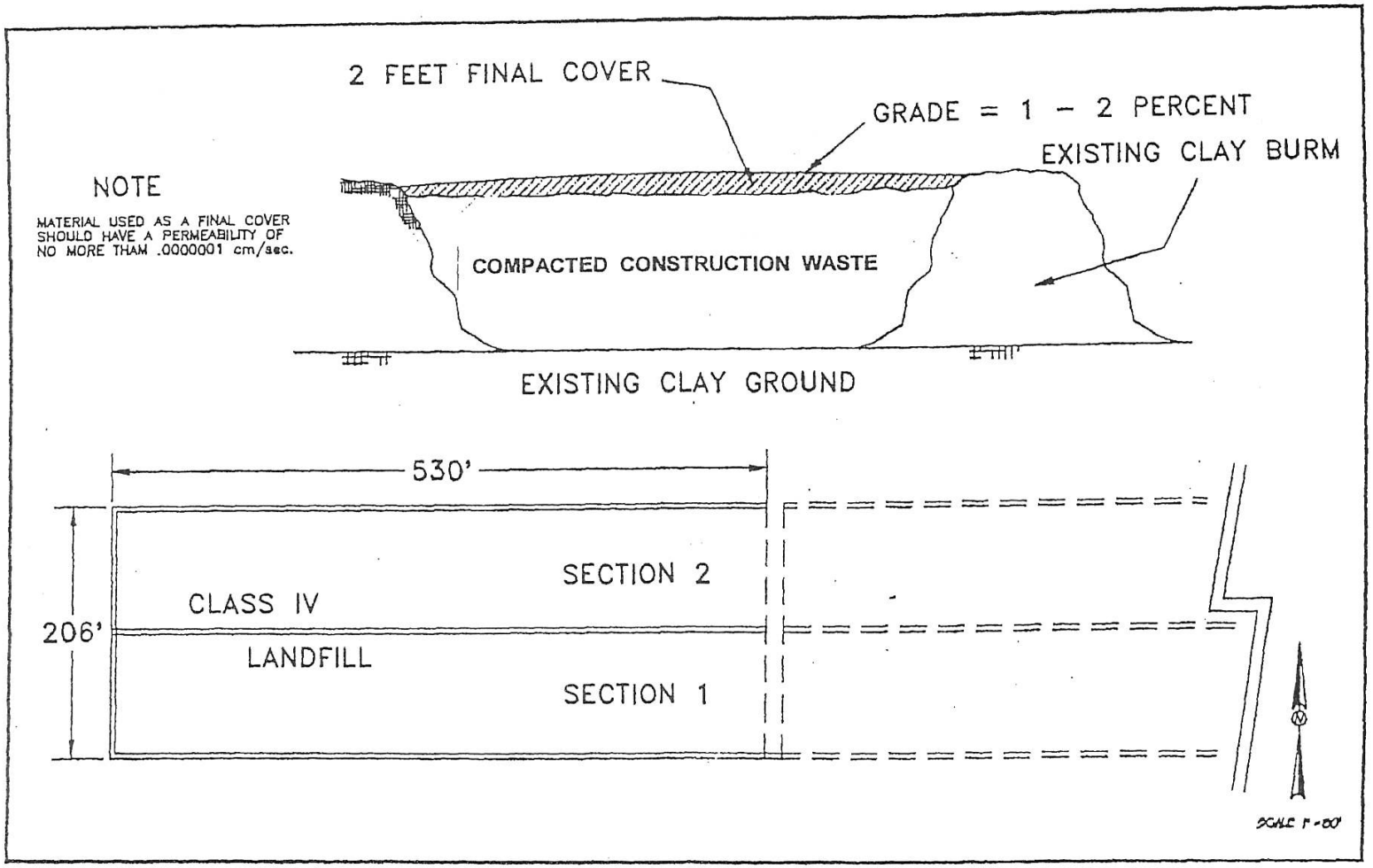
c. Stabilization of settling soils, erosion repair and the application of soil cover to possible exposed solid waste will be remedied through the dispersion of copious amounts of fill dirt soil already on site.

Run-on and Run-off Controls

a. landfill area will be surrounded by a ditch/swale that will collect any water or sediment before it is transported off the site.

b. A small berm will be placed outside of the ditch / swale to prevent run-on

c. Periodic Inspections will be conducted to identify and repair damage due to erosion.



PR			REEVE & REEVE, INC. CIVIL AND ENVIRONMENTAL ENGINEERING LAND PLANNING AND SITE DESIGN LAND SURVEYING ODGEN, UTAH	PLAIN CITY	CLASS IV LANDFILL

Closure Cost Estimates

Item	Description	Quantity	Unit Price	Total
1	Rough Grading / Misc. Excavation / Misc. Closure Preparation Work	1 L.S.	$10,000.00	$10,000.00
2	Place 2-foot Cap on Landfill (Stockpiled Material)	10000 Tons	$6.50	$65,000.00
3	Rough and Fine Grading	7,700 S.Y.	$3.50	$26,950.00
4	Seeding	7,700 S.Y.	$1.50	$11,550.00
5	Erosion Control and Site Stabilization	1 L.S.	$5,000.00	$5,000.00
	Project Subtotal			**$118,500.00**
	Contigency, Engineering & Project Management			**$23,700.00**
	Total Estimated Project Cost			**$142,200.00**

Post-Closure Estimates

Item	Description	Quantity	Unit Price	Total
1	Annual Inspection (2 times Annually for 30 years)	30 Each	$500.00	$15,000.00
2	Annual Reports and Record Keeping (30 years)	30 Each	$375.00	$11,250.00
3	Topographic Survey (every 3 years for 30 years)	10 Each	$1,200.00	$12,000.00
4	Annual Repair (cap, fence, erosion, every 3 years for 30 years)	10 Each	$2,500.00	$25,000.00
	Project Subtotal			**$63,250.00**
	10% Contingency			**$6,325.00**
	Total Estimated Project Cost			**$69,575.00**