CLAIMS

What is claimed is:

1. A cover system for waste sites, wherein the cover system comprises:

A. a synthetic grass which ~~comprises~~ consists of a composite of one geotextile layer tufted or knitted with one or more synthetic yarns and

B. an impermeable geomembrane which is comprised of a polymeric material,

wherein the cover system is used in the absence of a vegetative soil support top cover and wherein the impermeable geomembrane is used with a synthetic drainage component.

2. A cover system as defined by Claim 1 wherein the impermeable geomembrane is selected from the group consisting of high density polyethylene, very low density polyethylene, linear low density polyethylene or polyvinyl chloride.

3. A cover system as defined by Claim 2 wherein the impermeable geomembrane is comprised of linear low density polyethylene.

4. A cover system as defined by Claim 2 wherein the impermeable geomembrane is comprised of high density polyethylene.

5. A cover system for waste sites, wherein the cover system comprises:

A. a synthetic grass which ~~comprises~~ consists of a composite of one geotextile tufted or knitted with one synthetic yarn;

B. an impermeable geomembrane which is comprised of a polymeric material; and

C. a drainage system comprising a synthetic drainage component, wherein the cover system is used in the absence of a vegetative soil support top cover.

6. A cover system as defined by Claim 5 wherein the impermeable geomembrane is selected from the group consisting of high density polyethylene, very low density polyethylene, linear low density polyethylene or polyvinyl chloride.

7. A cover system as defined by Claim 5 wherein the impermeable geomembrane is comprised of linear low density polyethylene.

8. A cover system as defined by Claim 5 wherein the impermeable geomembrane is comprised of high density polyethylene.

9. A cover system as defined by Claim 1 wherein the impermeable geomembrane is textured.

10. A cover system as defined by Claim 5 wherein the impermeable geomembrane is textured.