

### *Why Is This Required?*

**Why do we have to prevent surface water ponding over previous filled areas at the landfill?**

**Requirement:** The Wyoming Solid Waste Rules & Regulations (SWRR), Chapter 2, Requirements For Sanitary Landfills, Section 5(u), requires that standing or running water not be allowed to come into contact with solid wastes and that adequate measures be taken to prevent and/or alleviate ponding of water over filled areas with surfaces being graded to promote lateral surface water run-off.

**What's the problem?** The photo below depicts a previous disposal area with ponded surface water accumulations on the surface. Since the previous filled area has not been properly sloped, water has been allowed to pond on the surface. This allows the infiltration of moisture into the deposited wastes and the potential for leachate to be generated thereby causing groundwater contamination. All previous disposal areas where intermediate and final cover has been applied and all low spot areas created by waste settlement, must be properly graded and sloped to prevent water ponding over areas of previous waste deposition.



