

TAB 14

Siting Requirements
(Checklist Item #14)

Cherry Island Landfill
Sanitary Landfill Permit Renewal

Section 4.2.1.9 of the Delaware Regulations Governing Solid Waste (DRGSW) necessitates proof that the facility meets siting criteria required by Section 5.1 be included when applying for a permit (or renewal) to construct and/or operate a sanitary or industrial waste landfill. The following addresses the individual siting criteria in DRGSW Section 5.1.1 through 5.1.4.

- DRGSW Section 5.1.1 requires that the Cherry Island Landfill (CIL) be located in an area where the potential for degradation of land, air, or water quality is minimal. As described in the original siting report for the CIL prepared by Gilbert and Associates, contained in Volume 15 of Appendix A, the site is located in an industrial area that was previously impacted by dredge material management activities. Additionally the landfill has been designed in a manner that is highly protective of the environment.
- DRGSW Section 5.1.2 requires that the CIL be designed to meet the design standards of DRGSW Section 5.2. CIL was designed to meet these standards as described in Section 2.0 of Part VIb, Volume 7 of the most recently submitted and approved CIL permit renewal application. A copy of which has been included in Appendix A of this renewal application.
- DRGSW Section 5.1.3 requires landfills located within five miles (8 km) of an airport runway to notify the Federal Aviation Administration (FAA). As the CIL is not located within this range of any airport runways this requirement does not apply. However, the FAA has confirmed in a letter to DSWA dated May 10, 2001, that the proposed final elevation of the CIL poses no hazard to air navigation. A copy of this letter may be found in Volume 1, Attachment XI-B in Appendix A of this renewal application.
- DRGSW Section 5.1.4 list siting requirements with regard to the location of new cells of a sanitary landfill. At this time there are no new cells proposed at the CIL. All previously proposed and subsequently approved cells at the Cherry

Island Landfill have been completed and as such there is no need to verify siting requirements for new cells. For reference a copy of the last approved cell siting, which was prepared by GeoSyntec Consultants, and submitted as part of the most recent Cherry Island Landfill permit renewal application in May 2005 has been included in Volume 1, Section XIII in Appendix A of this application.