

SOLID WASTE ENGINEER

DEFINITION

Under general direction, to perform a variety of engineering duties concerning solid waste; including landfill monitoring and design, waste reduction, recycling, special wastes, landfill tours/public education, resource recovery; and to do related work as required.

EXAMPLES OF DUTIES

Works with the Solid Waste Manager and the Director of Public Works for County-wide waste disposal and recycling facilities; assists in surveying, gas monitoring, groundwater monitoring, asbestos disposal, contaminated soil disposal, air monitoring, air permit compliance, grant applications, strategic planning updates, public meetings, construction inspection; works with communities, businesses, industries, civic organizations, and individuals to promote recycling and other methods of waste disposal.

EMPLOYMENT STANDARDS

Education and Experience: Requires a bachelor's degree in civil engineering. Experience in landfill operation or construction inspection preferred.

Knowledges and Abilities: Knowledge of the principles and practices comprising the field of civil engineering or resource management; ability to prepare plans and bid specifications; ability to prepare cost estimates; ability to maintain records; ability to prepare reports analyzing engineering options; knowledge of principles and practices of solid waste, including recycling and resource recovery; ability to communicate effectively in technical and nontechnical terms; ability to utilize personal computers including network based applications and computer aided design.