9. STORMWATER MANAGEMENT

The proposed project must comply with the water quality, stormwater management, and erosion control standards identified by the City of Portland in the Land Use chapter of the Code of Ordinance. While the City's Technical Manual does not identify Level I Site Alteration projects on the list of projects requiring compliance with manual's Section 5 on stormwater management, Section 14-524 of the Code of Ordinance requires that the stormwater standards must be met for this level of permit submission.

9.1 EXISTING CONDITIONS

The overall site includes building roofs, paved parking, gravel parking and storage areas. Stormwater from this existing area currently runs by overland flow to the adjacent Fore River.

9.2 PROPOSED DEVELOPMENT

The proposed project consists of the installation of new sheetpiling and a small addition of gravel fill (270 square feet). No change to existing stormwater flow paths will result from the proposed project.

9.3 STORMWATER STANDARDS

The project will comply with the stormwater standards as outlined in Section 5 of the City of Portland's Technical Manual and the MaineDEPs Chapter 500 Stormwater Management Rules.

9.3.1 Basic Standard

Erosion and sedimentation control measures will be utilized during construction to ensure that the work will not result in the contamination of any natural resources. An erosion and sedimentation control plan is included in Appendix E. All erosion and sedimentation control measures will be utilized in accordance with MaineDEP Erosion Control Best Management Practices.

9.3.2 General Standard

The proposed project will result in the creation of 270 square feet of new impervious area, which we understand is considered to be a de minimis increase by the City of Portland. Due to the small increase, the project is not required to include structural stormwater management features for stormwater quality control.

9.3.3 Flooding Standard

The de minimis increase in impervious surface will not require the management of stormwater quantity. The small change in impervious surface is not anticipated to result in an impact to stormwater flow.

9.3.4 Urban Impaired Stream Standard

The project is not located within the watershed of an urban impaired stream, and is therefore not required to provide compensation or mitigation in accordance with the Urban Impaired Stream Standard.