
14. UTILITY CAPACITY TO SERVE

The campus upgrades are not being proposed to accommodate a larger enrollment; rather, it is intended to improve the classroom learning experience. As such, an increase in the utility supply needs for the Site is not anticipated and we therefore do not anticipate the need to verify capacity to serve with Portland Water District or Department of Public Services for this project. However, it should be noted that the project team will be coordinating the design of the proposed project with the appropriate utilities and will obtain approvals for any modifications to existing services. Evidence of approvals for this work will be provided to the City upon receipt.

The Site's existing sewer services and storm drain system discharge to the City's combined sewer system. The proposed project will improve overall conditions by separating the Site's sewer services from the storm drain system. The Site's storm drain system currently enters the City's combined sewer system in Danforth Street via two eight inch pipes; one of these pipes will be demolished and the other will be upgraded to a ten inch pipe. The cross-sectional area of the ten-inch pipe will not exceed the cross-sectional area of the two existing eight-inch pipes, such that the overall size of the connection to the combined sewer system will not be increased.

Additionally, in accordance with Section 2.7.2. of the City of Portland Technical Manual, catch basin drain pipes of less than ten inches in diameter are not permitted; the existing catch basin connection at the corner of Fletcher and Danforth Streets is eight inches. This pipe will be upgraded to 12 inches to accommodate existing capacity issues. As further described in Section 12 of this report, an on-site, subsurface stormwater treatment and detention system is proposed for the playfield, which reduces the peak rate of runoff from the site and provides stormwater treatment.