



PORTLAND MAINE

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Public Services Department
Michael J. Bobinsky, Director

11 December 2012
REVISED, CORRECTED LETTER

Mr. Steve Long, P.E.,
Civil Engineer,
Opechee Construction Corporation,
11 Corporate Drive,
Belmont, New Hampshire 03220

**RE: The Capacity to Handle Additional Wastewater Flows, from the
Proposed “Courtyard by Marriott” Hotel, at 311 Commercial Street.**

Dear Mr. Long:

This revised and corrected capacity letter supercedes the original capacity letter issued 4 December 2012. The existing seventeen-inch brick sewer pipe, located upstream, of the manhole, in Foundry Lane, before Commercial Street, or the eighteen-inch vitrified clay sewer pipe, located downstream, of the manhole, in Foundry Lane, before Commercial Street, has adequate capacity to **transport**, while The Portland Water District sewage treatment facility, located off Marginal Way, has adequate capacity to **treat**, the total anticipated net increase in wastewater flows of **37,850 GPD**, from the proposed hotel.

The City combined sewer overflow (C.S.O.) abatement consent agreement (with the U.S.E.P.A., and with the Maine D.E.P.) requires C.S.O. abatement, as well as storm water mitigation, in order to offset any increase in sanitary flows, from all projects. If the City can be of further assistance, please call 874-8832.

Sincerely,
CITY OF PORTLAND

Frank J. Brancely, B.A., M.A.
Senior Engineering Technician

FJB

Anticipated Wastewater Flows from

The Proposed Restaurant:

| | | |
|--|---|-----------|
| 158 Proposed Three-Meal-Restaurant Seats @ 45 GPD/Seat | = | 7,110 GPD |
| 78 Proposed Lounge-Bar Seats @ 20 GPD/Seat | = | 1,560 GPD |
| 17 Proposed Employees @ 15 GPD/Employee | = | 255 GPD |

The Proposed Residential Units:

| | | |
|---|---|-----------|
| 7 Proposed Two-Bedroom Units @ 180 GPD/Unit | = | 1,260 GPD |
| 7 Proposed One-Bedroom Units @ 120 GPD/Unit | = | 840 GPD |

The Proposed Hotel:

| | | |
|---|---|----------------|
| 3 Proposed Single Bed Hotel Rooms @ 100 GPD/Hotel Room | = | 300 GPD |
| 50 Proposed Single Bed Hotel Rooms with Pullout Sofa @ 200 GPD/Hotel Room | = | 10,000 GPD |
| 71 Proposed Double Bed Hotel Rooms @ 200 GPD/Hotel Room | = | 14,200 GPD |
| 7 Proposed Double Bed Hotel Rooms with Pullout Sofa @ 300 GPD/Hotel Room | = | 2,100 GPD |
| 15 Proposed Employees @ 15 GPD/Employee | = | <u>225 GPD</u> |

Total Design Wastewater Flow, for Proposed Hotel, etc., Project: = **37,850 GPD**

CC: Jeffrey Levine, Director, Department of Planning, and Urban Development, City of Portland
Barbara Barhydt, Development Review Services Manager, Department of Planning, and Urban Development, City of Portland
Jean Fraser, Planner, Department of Planning, and Urban Development, City of Portland
David Margolis-Pineo, Deputy City Engineer, City of Portland
Michael Farmer, P.E., Project Engineer, City of Portland
Bradley A. Roland, P.E., Environmental Projects Engineer, City of Portland
John Emerson, Wastewater Coordinator, City of Portland
Rhonda Zazzara, Field Inspection Coordinator, City of Portland
Jane Ward, Administrative Assistant, City of Portland