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June 13, 2014

Shukria Wiar, Planner
City of Portland
389 Congress Street, 4th Floor
Portland, ME 04101

Re: Amendment for the Level 2 Site Alteration Permit for the Central Maine Power Company (CMP) Union Street Substation, Portland, Maine
(Project Id: 2013-070; CBL: 32-I-039)

Dear Shukria:

Enclosed is the amendment of the Site Alteration permit for the CMP Union Street Substation. The City issued a Level II Site Alteration permit to CMP for the upgrade and replacement of most of the electrical components. As a component of these upgrades CMP has installed a grounding grid and will replace the chain link security fence with a nonconductive fence. These two components provide a grounding system that was designed to prevent electrical shock within the substation and outside the substation along the fence line. The replacement of the chain link security fence which encompasses the entire substation, except along two sides of the control house, was approved as part of the original Level II application. A small section of fence that encloses an area on the outside of the control house and protects the HVAC system from vandalism was not considered at that time. This area around the HVAC system can only be accessed through a gate on the outside of the substation. CMP proposes to replace the fence in place, but modify it slightly to allow access directly from the substation. CMP also proposes to replace the topsoil with the same crush rock substrate as exists in the substation yard, but will keep the same grade.

With replacement of the fence modifications to the landscaping between the existing chain link fence and the Union Street sidewalk are necessary. Trees, generally small saplings, have grown in between the fence and control house will need to be removed for security and safety reasons. Two to four other saplings will need to be removed just outside the fence line. One canopy tree will need to be removed as its roots are directly under the existing fence and will probably not survive the fence removal and installation. The landscaping plan has been revised to reflect the removal of these trees and additional plantings are proposed to improve the screening and aesthetics.

A number of attachments that document and describe the proposed work are provided below. These include:

- Attachment 1: Photos of the fenced area around the HVAC unit.
- Attachment 2: Pre-development conditions and boundary survey.
- Attachment 3: Landscape plan with ongoing the proposed site conditions.
- Attachment 4: Nonconductive fence specifications.

The following provides a summary of the development review criteria that apply to the fence replacement and landscape plan alteration.

Transportation: CMP does not propose any alterations to the surrounding streets, access and circulation, and the City public transit system. All work is confined to CMP owned property and does not extend into any public areas. The sidewalk will not be altered or blocked during or after construction.

Easements and utilities: There are no easements, above ground, or below ground utilities within the fenced area.

Oil and hazardous materials containment: The substation has been designed with oil and hazardous materials containment and the proposed fence and landscape work will not have any impact on those systems.

Natural resources: There are no natural resources on the Union Street substation site.

Landscape preservation: A number of arbor vitae saplings and one crab apple tree will be removed from within and adjacent to the fenced area. Two additional crab tree plantings will be installed along Union Street between the fence and sidewalk. There are no changes to the shrub plantings.

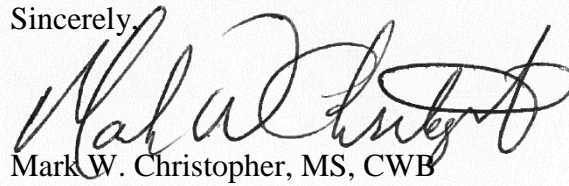
Water quality, stormwater management, and erosion control: No alterations to the stormwater management system are proposed. An erosion control blanket is in place around the outside of the substation which will remain in place until the landscape plantings are installed and mulch applied

Public infrastructure and community safety standards: historic resources, lighting, signage, zoning, buffering: The fence replacement and landscape alterations will not have any effect on local community and cultural resources. The proposed work will not extend into any public areas or alter any historic resources. The replacement fence has more screening qualities than the chain link fence and will help to reduce the visibility of the control house.

Shukria Wiar
June 9, 2014
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Thanks for your assistance with the application. Please contact me at 620-3844 with any questions or comments and I will provide you with any additional information needed.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark W. Christopher", is written over a light gray rectangular background.

Mark W. Christopher, MS, CWB
Environmental Scientist

cc: Jaimey Caron, Gerry Mirabile, TRC File 182847

Enclosures

ATTACHMENT 1
PHOTOGRAPHS WITH DESCRIPTIVE NOTES



Photo 1. Chain link fence to be replaced with erosion controls in place between the existing landscaping and the sidewalk.



Photo 2. The tree with the rope will likely be replaced. Saplings within the fenced area and saplings immediately to the left of the fence will be removed. Note the HVAC system on the left and vandalism on the right side of the building.

ATTACHMENT 2
PRE-DEVELOPMENT CONDITIONS AND BOUNDARY SURVEY

ATTACHMENT 3
LANDSCAPE PLAN WITH ONGOING AND PROPOSED DEVELOPMENT

ATTACHMENT 4
NONCONDUCTIVE FENCE SPECIFICATIONS AND CHARACTERISTICS