

December 21, 2020

Newburyport Conservation Department  
c/o Julia Godtfredsen, Conservation Administrator  
60 Pleasant Street, P.O. Box 550  
Newburyport, MA 01950

RE: Crow Lane – Landfill Solar Development Stormwater Report  
Conservation Commission Review

Dear Ms. Godtfredsen:

On behalf of BlueWave Solar, the BSC Group, Inc. (BSC) is pleased to submit this letter detailing the proposed work within the wetland buffer areas. There are two main work areas within the buffer areas detailed below. In both areas the work is limited to maintenance activities to the existing stormwater systems.

1) **Work at Basin #2**

Existing Stormwater Basin #2 will remain the same size and shape. There is no regrading of the basin proposed. The basin will function as previously designed. The revision includes replacing one of the outlet control structures. This revision will allow for basin to store runoff and maintain the peak runoff rates post construction.

The proposed outlet control structure is a 36” corrugated riser pipe set on a concrete base in stone. There will be temporary disturbance in the area to remove the existing outlet control structure (also a riser pipe) and add the new structure. All grading and temporary disturbance will be limited to the area directly around the outlet control pipe and will be restored. Erosion controls will be placed around the area of work to ensure proper erosion and sediment control. Please see existing Exhibit 1 detailing the limit of work in Basin #2.

2) **Swales**

The work within the existing stormwater swales consists of maintenance work. Over time there has been some additional sediment accumulating in the swales. Maintenance work will include cleaning the swales, replacing some of the existing stone and adding stone check dams. The stone check dams (see attached Exhibit 2) will provide additional time in the swales which will increase the time of concentration of the runoff decreasing the potential for erosion on the site. All maintenance work, including the stone check dams will occur at a surface level and will not impact the existing landfill liner.

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If you have any further questions or would like any additional information please do not hesitate to contact our office with any inquiries you may have at 617-896-4372 or by email at [mclark@bscgroup.com](mailto:mclark@bscgroup.com) or [mvalentino@bscgroup.com](mailto:mvalentino@bscgroup.com).

Regards,

BSC Group, Inc.

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cc: Josh Lariscy, BlueWave Solar