Vermont DEC - Ecosystem Restoration Program
Final Performance Report

**Project Information**

**Organization:** Town of Jericho

**Grant Number:** 2018-ERP-M-1-01

**Title:** Packard Road Infiltration Basin

**Report Date:** December 28, 2018

**Date Project Completed:** October 15, 2018

**Project Location:**
- Latitude degree of project location; provided with five decimal places (e.g., 44.25804): 44.509431
- Longitude degree of project location; provided with five decimal places (e.g., -72.59101): -72.972499
- Town(s): Jericho
- WBID (Watershed boundary ID) Sub-basin(s): 7 – Lamoille River Basin
- Stream segment if applicable (eg. River and stream projects):

**Project Type:** Infiltration Basin

**ERP Funding Amount:** $56,635

**Total Project Costs:** $59,546

**Total Match documented (if applicable):**

**Performance Measure(s) as identified in your grant agreement:**

1. **Number of 100% Designs Complete**

<table>
<thead>
<tr>
<th>Value</th>
<th>Unit</th>
<th>Measure Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>$14,477</td>
<td>1</td>
<td>Design Plan</td>
</tr>
</tbody>
</table>

Did you meet this measure:  □ yes  □ no  
New value _________ and reason:

2. **Acres of Impervious Surface Treated**

<table>
<thead>
<tr>
<th>Value</th>
<th>Unit</th>
<th>Measure Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>43,675/ac</td>
<td>11.47</td>
<td>Acres</td>
</tr>
</tbody>
</table>

Did you meet this measure:  □ yes  □ no  
New value _________ and reason:

**Summary of work completed:**
Designed and installed an infiltration basin.

**Photos (Before and After):**
After
After
Best Management Practice (BMP) Project Final Report
for Stormwater Implementation and Final Design projects (Page 1/2)

This form is required for all funded projects that completed the final design or implementation of a Structural Best Management Practice (BMP). This report pertains to mainly stormwater BMPs. Complete a separate report for each BMP completed within the scope of your project.

### Project Information

1. Project name: ____Packard Road Infiltration Basin______________________________________
2. Grant Number: _____2018-ERP-M-1-01___________
3. Is this a final design or implementation project? _______yes_________

### BMP Information

4. Please check one BMP type that is most closely describes the BMP implemented. (See BMP Definitions and Storage Capacity Guidance on the website to help determine BMP types.)

   **Storage BMPs:**
   - ___ Bioretention with underdrain
   - ___ Extended dry detention pond
   - ___ Grass swale
   - ___ Gravel wetland
   - ___ Sand filter
   - ___ Wet pond
   - ___ Porous pavement¹ *(with under-liner and/or underdrain)*

   ¹If you chose Porous pavement, please enter the Filter Course Depth: ________inches

   **Infiltration BMPs²:**
   - ___ Infiltration trench
   - ___x_ Infiltration basin
   - ___ Surface infiltration
   - ___ Porous pavement with infiltration *(no under-liner or underdrain)*

   ²If you chose any of the above infiltration BMPs, please enter the infiltration rate of the underlying soil: ___6__ inches/hr.

5. BMP Center Point Latitude and Longitude:  ___44.509431_____________, -
   ___77.972499_______________
   (Decimal degrees with five decimal places)

6. BMP storage volume:  ____31,064____ cubic ft  (see BMP storage capacity guidance on website)
### Land Use Information

7. BMP Drainage Area (land draining to /treated by BMP): ______77_______ac  
   a. Acres of *Impervious* land *within* BMP Drainage Area: ______12_______ac  
   b. Acres of *Pervious* land *within* BMP Drainage Area: ______65_______ac

8. Was this a retrofit of an existing BMP?  ____Yes   ___x_No (If no, skip to question 9.)  
   a. If yes, enter the storage volume of the previous structure _____________ cubic ft
   
   b. Did the BMP drainage area change from the original condition?  ____Yes    ____No  
      If yes please enter the original:  
      i. Acres of *Impervious* land *within* BMP Drainage Area: ______________ac  
      ii. Acres of *Pervious* land *within* BMP Drainage Area: ______________ac

9. Date of BMP Completion: __10__/___15___/____18__

10. BMP Operation & Maintenance Responsible Party: _____Town of Jericho_______________________

11. Notes (Optional):