

**BURLINGTON INTERNATIONAL AIRPORT**

**MS4 Notice of Intent – Amendment  
Dated September 30, 2016**



# Notice of Intent (NOI) - Amendment

for Stormwater Discharges from  
Municipal Separate Storm Sewer Systems (MS4)  
General Permit 3-9014

For Dept. Use Only  
**Notice of Intent No:**

Submission of this Notice of Intent (NOI) constitutes notice that the entity in Section A intends to be authorized to discharge pollutants to waters of the State under Vermont's Municipal Separate Storm Sewer Systems (MS4) permit. Submission of the NOI also constitutes notice that the party identified in Section A of this form has read, understands and meets the eligibility conditions; agrees to comply with all applicable terms and conditions; and understands that continued authorization under the MS4 General Permit is contingent on maintaining eligibility for coverage. In order to be granted coverage, all information required on this form and the Minimum Control Measure attachments must be completed and a complete Stormwater Management Program (SWMP) Plan must be submitted.

## A. Permittee Information

Name of MS4: City of Burlington, Burlington International Airport (BTV)

Name of Principal Executive Officer (PEO) or Chief Elected Official (CEO): Gene Richards, III Title: Director of Aviation

Mailing Address:  
Street/P.O. Box: 1200 Airport Drive, #1

City/Town: South Burlington State: VT Zip: 05403

Phone: 802-863-2874 Email: grichards@btv.aero

## B. Primary contact responsible for overall coordination of SWMP, if different than PEO/CEO

Name: \_\_\_\_\_ (same)

Mailing Address:  
Street/P.O. Box: \_\_\_\_\_

City/Town: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

## C. Partnering organization responsible for Minimum Control Measure implementation (if applicable)

If you are participating in the CCRPC MOU to implement MCM1 &/or MCM2 check here:  MCM 1

Or, if you are relying on another entity to implement a MCM, please complete the following:  MCM 2

Organization: \_\_\_\_\_ Contact: \_\_\_\_\_

Minimum Control Measure being implemented: \_\_\_\_\_

Mailing Address:  
Street/P.O. Box: \_\_\_\_\_

City/Town: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Organization: \_\_\_\_\_ Contact: \_\_\_\_\_

Minimum Control Measure being implemented: \_\_\_\_\_

Mailing Address:  
Street/P.O. Box: \_\_\_\_\_

City/Town: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

**D. Municipal Separate Storm Sewer System (MS4) Information**Estimate of the square mileage served by the MS4: 1.47 square miles (942+/- acres)

Identify the names of all know waters that receive a discharge from the MS4:

Receiving water	# of outfalls	Impaired status	Nature of impairment
Unnamed Tributary of Winooski River	Five (5)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	none
Muddy Brook	One (1)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	none
Class 2 Wetland contiguous with Muddy Brook	Five (5)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	none
Class 2 Wetland contiguous with Potash Brook	Five (5)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	E. coli (Potash Brook), stormwater
South Burlington Stormwater Collection System	One (1)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Assume Potash Brook E. coli, stormwater
Centennial Brook	One (1)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	stormwater
		<input type="checkbox"/> Yes <input type="checkbox"/> No	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	

**E. Stormwater Impaired Waters Information**Does the MS4 discharge into a stormwater impaired water?  Yes  No

If yes, the MS4 must comply with all requirements listed in Part IV.C. of the permit, including the requirement to develop a Flow Restoration Plan (FRP) for the stormwater impaired water.

**F. Incorporation of Previously Permitted Stormwater Systems**As part of this application, is the MS4 incorporating a stormwater system that was previously authorized under a State stormwater permit?  Yes  No

If yes, the MS4 must complete and attach an MS4 Incorporation Form for each permit it is incorporating.

List permit numbers here: 3028-9010.A; 3028-9010.2; 3028-INDS.AR; 3028-9010.1; 3845-9010; 3028-9015.1; 3028-INDS.3; 3028-9015.2; 3845-9015.1; 3028-INDS.4;

**and including expired Permit Nos. 1-0839 and 1-1391.****G. Certification**

This NOI shall be signed by a principal executive officer, ranking elected official or other duly authorized employee consistent with 40 CFR §122.22(b) and certified as follows:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: Gene Richards, IIITitle: Director of AviationSignature: Date: 9/30/16

**Submit this *Original* form to:**  
MS4 Permit Coordinator  
VTDEC · Watershed Management Division  
Stormwater Management Program  
One National Life Drive  
Montpelier, Vermont 05620-3522

## Instructions for Public Comment, Public Hearings, and Appeals

### PUBLIC COMMENT

Public comments concerning this Notice of Intent to discharge under General Permit No 3-9014 and the accompanying Stormwater Management Plan (SWMP) are invited and must be submitted during the public notice period. Comments should address how the application complies or does not comply with the terms and conditions of General Permit No. 3-9014. A letter of interest should be filed by those persons who elect not to file comments but who wish to be notified if the comment period is extended or reopened for any reason. All written comments received within the time frame described above will be considered by the Department of Environmental Conservation in its final ruling to grant or deny authorization to discharge under General Permit No. 3-9014.

All submitted NOIs and SWMPs can be found on the Stormwater Program's website at:  
<http://dec.vermont.gov/watershed/stormwater/permit-information-applications-fees/ms4-permit>

Send written comments to: VT DEC, Watershed Management Division  
Stormwater Management Program, MS4 Permit Coordinator  
One National Life Drive  
Montpelier, VT 05620-3522

### PUBLIC HEARING REQUEST

During the notice period, any person may submit a written request to this office for a public hearing to consider the proposed permit authorization. The request must state the interest of the party filing such request and the reasons why a hearing is warranted. A hearing will be held if there is a significant public interest (including the filing of requests or petitions for such hearing) in holding such a hearing. If the Secretary determines that useful information and data may be obtained thereby, the Secretary may hold a public hearing any time prior to the issuance of the authorization. Notice of a public hearing will be circulated 30 days prior to the hearing. (40 C.F.R. § 124.12 and Vermont Water Pollution Control Permit Regulations, Chapter 13.3G)

### APPEALS

Pursuant to 10 V.S.A. Chapter 220, any appeal of this decision must be filed with the clerk of the Environmental Court within 30 days of the date of the decision. The appellant must attach to the Notice of Appeal the entry fee of \$250.00, payable to the state of Vermont.

The Notice of Appeal must specify the parties taking the appeal and the statutory provision under which each party claims party status; must designate the act or decision appealed from; must name the Environmental Court; and must be signed by the appellant or their attorney. In addition, the appeal must give the address or location and description of the property, project or facility with which the appeal is concerned and the name of the applicant or any permit involved in the appeal.

The appellant must also serve a copy of the Notice of Appeal in accordance with Rule 5(b)(4)(B) of the Vermont Rules for Environmental Court Proceedings.

For further information, see the Vermont Rules for Environmental Court Proceedings, available on line at [www.vermontjudiciary.org](http://www.vermontjudiciary.org). The address for the Environmental Court is 2418 Airport Road, Suite 1, Barre, VT 05641 (Tel. # 802-828-1660)

A copy of General Permit No. 3-9014 may be obtained by calling (802) 490-6173; by visiting the Department at the above address between the hours of 7:45 am and 4:30 pm; or by downloading from the Watershed Management Division's Web site at <http://dec.vermont.gov/watershed/stormwater>.

**BURLINGTON INTERNATIONAL AIRPORT**

**Permit #3028—9010.A  
BTV's Master Permit**

## APPENDIX C

### OPERATIONAL PERMIT INCORPORATION

- No. 3028-9010.A – BTV's Master Permit
- No. 3028-9010.2 – Taxiways 'B', 'C', 'J', and 'G' (Muddy Brook Watershed)
- No. 3028-INDS.AR – Taxiways 'B', 'C', 'J', and 'G' (Potash Brook Watershed)
- No. 3028-9010.1 – Reconstruct, Mark & Groove Runway 15-33
- No. 3845-9010 – Heritage Flight Aviation Campus Expansion
- No. 3028-9015.1 – Quarry Area Access Road
- No. 3028-INDS.3 – Aircraft Sewage Receiving Station
- No. 3028-9015.2 – Construct, Mark, and Light Taxiway 'G'/'K'
- No. 3845-9015.1 – Heritage Aviation Parking Lot
- No. 3028-INDS.4 – BTV Consolidated Car Rental Facility

**No 1-0839 added 10/17/16**

**No 1-1391 added 10/17/16**

(includes NOI, plus MS4 Incorporation Form, Designer's Statement of Compliance, and Original Permit for each permit)

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## MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Burlington International Airport (BTV) Master Permit
2. Location: City of Burlington, Burlington International Airport (BTV). The properties are located on Airport Drive, Army Guard Road, Eagle Drive, and Aviation Avenue in South Burlington, Vermont.
3. Stormwater Permit Number: 3028-9010.A
4. Current Permit Status: (Issued, Expired, Title 3) Issued 12/22/2009
5. Narrative Describing the Stormwater System: BTV's Master Permit authorizes the discharge of treated stormwater runoff from: the BTV north runway; the north end terminal expansion and concrete apron; parking lots, roofs, and roads associated with expanded BTV's parking facilities; the Pratt & Whitney Building; the Building 880 replacement; the South End Development Phase 2 Project; and the Quarry Overflow Parking Area. These systems discharge to an unnamed tributary of the Winooski River, groundwater in the Winooski River watershed, a wetland tributary to Muddy Brook, and groundwater in the Muddy Brook watershed.

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Discharge locations include:

- S/N 001. BTV North Runway to an unnamed tributary of the Winooski
- S/N 002. North End Terminal Expansion and concrete apron to an unnamed tributary of the Winooski and groundwater in the Winooski River watershed
- S/N 003-4. Parking lots, roofs, and roads associated with expanded BTV parking facilities to an unnamed tributary of the Winooski and groundwater in the Winooski River watershed
- S/N 005-6. Pratt & Whitney Building located at 15 Eagle Drive to a wetland contiguous with Muddy Brook
- S/N 007. Building 880 Replacement (Aviation Support Hangar) located on Aviation Avenue to a wetland contiguous with Muddy Brook
- S/N 008. South End Development Phase 2 Project to a wetland contiguous with Muddy Brook
- S/N 009. Quarry Overflow Parking Area to groundwater in the Muddy Brook watershed

6. Current Compliance Status:

- Compliant with previously issued state permit
- Planned compliance within 24 mos; Estimated Compliance Date:
- Not constructed – plan for construction as part of FRP; Estimated construction schedule:
- Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule:

7. Plans (for expired permits, list plan numbers and attach):

S/N001. Stormwater Treatment Modifications and North Outfall Improvements. Plans include:

- Sheet 1, Project 1 Stormwater Treatment Modifications, by Dufresne-Henry, dated August 2003
- Sheet 2, Project 1 Stormwater Treatment Modifications, by Dufresne-Henry, dated August 2003
- Sheet 3, Project 2 North Outfall Improvements, by Dufresne-Henry, dated August 2003
- Sheet B, North Outfall Basin Delineation, by Dufresne-Henry, dated August 2003

S/N002. North Terminal Expansion Phase 2. Plans include:

- Sheet 1, North Terminal Expansion Phase 2, by Dufresne-Henry, dated 5/31/2005
- Sheet 1, Excess Excavation Location Map, by Dufresne-Henry, dated 6/15/2005
- Sheet 8, North Terminal Phase 2 Expansion Grading and Drainage Plan, by Campbell & Paris Engineers, dated 4/5/2005
- Sheet 20, North Terminal Phase 2 Expansion Drainage Details, by Campbell & Paris Engineers, dated 4/5/2005
- Sheet 21, North Terminal Phase 2 Expansion Drainage Details, by Campbell & Paris Engineers, dated 4/5/2005
- Sheet 1, North Terminal Expansion Phase 2 Expansion Pump Station, by Dufresne-Henry, dated 6/2005
- Detail Diversion Structure, , by Dufresne-Henry dated 6/22/2005

S/N003-4. Terminal Roadway and Parking Project. Plans include:

- Burlington International Airport Site Area, by Dufresne-Henry, dated 1/17/2003
- Burlington International Airport Parking Improvements Existing Impervious, by Dufresne-Henry, dated 1/17/2003
- Burlington International Airport Parking Improvements Proposed Impervious, by Dufresne-Henry, dated 1/17/2003
- Burlington International Airport Terminal Road and Parking Project Sub-Watersheds, by Dufresne-Henry, dated 1/24/2003

- Burlington International Airport Terminal Road and Parking Expansion SWM#3 Grass Channel Delineated Basin, by Dufresne-Henry, dated 1/2/2003

S/N005-6. Pratt and Whitney Building and Access Road. Plans include:

- Sheet SP-1, Site Plan Proposed Pratt and Whitney Building and Access Road, by Webster-Martin, Inc., dated July 1996
- Sheet SP-2, Site Plan New Pratt and Whitney Building, by Webster-Martin, Inc., dated July 1996

S/007. Aviation Support Hangar. Plans include:

- Sheet S1.01, Aviation Support Hangar Site & Layout Plan, by Dufresne-Henry, dated 1/10/2005
- Sheet S1.01, Aviation Support Hangar Grading & Drainage Plan, by Dufresne-Henry, dated 1/10/2005

S/008. South End Development, Phase 2. Plans include:

- Sheet C3, Force Main and Infiltration System Layout Plan, by Stantec Consulting Services, Inc., dated 8/4/2010
- Sheet C4, Pump Station and Force Main Site Plan, by Stantec Consulting Services, Inc., dated 8/4/2010
- Sheet C5, Profiles, by Stantec Consulting Services, Inc., dated 8/4/2010
- Sheet C6, Stormwater Conveyance Details, by Stantec Consulting Services, Inc., dated 8/4/2010
- Sheet C7, Stormwater Treatment Details, by Stantec Consulting Services, Inc., dated 8/4/2010

S/N 009. Quarry Overflow Parking Area.

Plans not applicable. Not constructed.

8. Proof of Legal Responsibility (list and attach):

City of Burlington, Burlington International Airport (BTV)

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**DESIGNER'S STATEMENT OF COMPLIANCE  
STATE STORMWATER DISCHARGE PERMIT**

Check One Below:

- Initial Designer's Statement of Compliance
- Designer's Restatement of Compliance

1. Permit Number: 3028-9010.A
2. Description/Name of Project: BTV Master Permit
3. Designer's Certification: Please complete the applicable lines below.

**I hereby certify to the best of my knowledge and in the exercise of my reasonable professional judgment that:**

- The stormwater collection, treatment and control system authorized by the permit described in #1 above was properly constructed in accordance with the permit. **[Complete this line for Initial Designer's Statement of Compliance ONLY, in addition complete below.]**

Check ONLY one of the following boxes:

- The most recently issued permit described in #1 is valid and construction has not yet commenced. [If this line is checked, this form may be completed by the Owner.]
- The stormwater collection, treatment and control system authorized by the permit described in #1 above is properly operating and maintained in accordance with the requirements of the permit.
- The stormwater collection, treatment and control system authorized by the permit described in #1 above is not operating properly and/or is not being maintained in accordance with the requirements of the permit. If so, please describe the operational and maintenance failures in detail below (or in an attachment if necessary):

4. If you checked the last box in #3 above, please provide a description of the steps that will be taken to bring the stormwater system back into compliance with the permit, and provide a schedule for taking such actions.

5. The failure to properly operate and maintain the stormwater collection, treatment and control system authorized in the permit described in #1 above constitutes a violation of state law and is subject to potential enforcement action by the Department of Environmental Conservation. Please take immediate steps to correct all violations.

**[INCOMPLETE FORMS WILL BE RETURNED]**

 9/30/2016 Senior Project Engineer  
Title

Douglas M. Campbell, P.E., 55 Green Mtn Drive, So. Burlington, VT 05403

Print or Type Name and Address

May, Jul, Aug 2016

Date of Inspection

Inspection days: May 11, 12, & 18; Jul 27 & 28; Aug 3, 4, 9, 10, 15, & 22  
Additional inspections performed under MSGP  
3028-9003.R: Apr 21, Jun 2, & 14, 2016

(802) 864-0223 doug.campbell@stantec.com

Designer's Contact Phone and/or Email

**Please mail this completed form to:**

**DEC – Watershed Management Division  
Stormwater Management Program  
1 National Life Drive, Main 2  
Montpelier, VT 05620-3522**

**or email to:** [anr.wsmdstormwatergeneral@state.vt.us](mailto:anr.wsmdstormwatergeneral@state.vt.us)

Additional information can be found at:  
<http://www.watershedmanagement.vt.gov/>  
802-828-1535



VERMONT

RECEIVED

Vermont Department of Environmental Conservation  
Water Quality Division  
103 South Main Street, Building 10 North  
Waterbury, VT 05671-0408

Agency of Natural Resources

JAN 04 2010

STANTEC  
SOUTH BURLINGTON, VT

[phone] 802-241-3770  
[fax] 802-241-3287

December 22, 2009

City of Burlington-Burlington International Airport  
Attn: Heather Kendrew  
1200 Airport Drive #1  
South Burlington, VT 05403

Re: Authorization to Discharge Permit No. 3028-9010.A

Dear Ms. Kendrew:

Enclosed is your copy of an Amended Authorization to Discharge pursuant to General Permit 3-9010 Amended (May 2007), which has been signed by the Stormwater Program Manager of the Stormwater Management Section on behalf of the Commissioner of the Department of Environmental Conservation.

This authorizes the discharge of treated stormwater runoff from:

- the Burlington International Airport (BTV) north runway;
- the north end terminal expansion and concrete apron;
- parking lots, roofs and roads associated with expanded BTV parking facilities;
- the Pratt & Whitney Building;
- the Building 880 replacement;
- the South End Development Phase 2 Project; and
- the Quarry Overflow Parking Area.

The properties are located on Airport Drive, Army Guard Road, Eagle Drive and Aviation Avenue in South Burlington, Vermont and will discharge to an unnamed tributary of the Winooski River, groundwater in the Winooski River watershed, a wetland tributary to Muddy Brook, and groundwater in the Muddy Brook watershed.

Please read this authorization to discharge carefully and note the inspection and reporting requirements, and other operating conditions including payment of annual operating fees.

If you have any questions, please call me at (802) 241-1452.

Sincerely,

Vicki L. Hill, Environmental Technician  
Stormwater Management Section

Enclosures

cc:  Gregory Goyette, Stantec Consulting Services  
Peter Keibel, Act 250 District Coordinator, Essex Junction

VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
AMENDED AUTHORIZATION TO DISCHARGE UNDER  
GENERAL PERMIT 3-9010 AMENDED (MAY 2007)

A determination has been made that the applicant:

City of Burlington -Burlington International Airport  
1200 Airport Drive, #1  
South Burlington, VT 05403  
(Impervious area: 63.815 acres)

meets the criteria necessary for inclusion under General Permit 3-9010 Amended (May 2007). Here after the named applicant shall be referred to as the permittee. Subject to the conditions of General Permit No. 3-9010 Amended (May 2007), the permittee is authorized to discharge stormwater from the Burlington International Airport (BTV) facilities in South Burlington, Vermont as follows: (1) the BTV north runway to an unnamed tributary of the Winooski River previously described in General Permit Authorization 3028-9010 and Individual Permit No. 1-0839 discharge point 1 (S/N 001); (2) the north end terminal expansion and concrete apron to an unnamed tributary of the Winooski River and groundwater in the Winooski River watershed previously described in General Permit Authorization 3972-9015 (S/N 002); (3) parking lots, roofs and roads associated with expanded BTV parking facilities to an unnamed tributary of the Winooski River and groundwater in the Winooski River watershed previously described in General Permit Authorization 3028-9010 and Individual Permit No. 1-1580 (S/N 003-4); (4) the Pratt & Whitney Building located at 15 Eagle Drive to a wetland contiguous with Muddy Brook previously described in Individual Permit No. 1-1270 (S/N 005-6); (5) the Building 880 replacement located on Aviation Avenue to a wetland contiguous with Muddy Brook previously described in General Permit Authorization 3845-9015 (S/N 007); (6) the South End development Phase 2 project to a wetland contiguous with Muddy Brook previously described in General Permit Authorization 4026-9015 (S/N 008); and (7) the Quarry Overflow Parking Area to groundwater in the Muddy Brook watershed previously described in General Permit Authorization 3028-9015 (S/N 009).

*Manner of Discharge:*

S/N 001: Stormwater runoff from the airport runway via a network of catch basins and storm drains including grass-lined swales, a trench drain on the terminal apron, several dry wells and perforated storm drain pipe, then through a rip-rapped outlet, prior to discharge to an unnamed tributary of the Winooski River.

S/N 002: Stormwater runoff from the north end of the airport terminal and concrete apron via a closed system to a Vortechs/StormTech treatment system that discharges to groundwater, with overflow to an unnamed tributary to the

Winooski River. During periods of plane de-icing stormwater runoff will be diverted to a pump station and disposed of in an underground infiltration system

Note: infiltrated discharges are covered under the VTDEC Underground Injection Control Program.

S/N 003: Stormwater runoff from impervious surfaces associated with the deck of the new garage, rental car lot, long-term lot, loop road extension, garage exit ramps, and rental lot, via area drains, catch basins, grass swale and closed system to an unnamed tributary to the Winooski River.

S/N 004: Stormwater runoff from impervious surfaces associated with the employee and long-term parking lots (Catchment #2) via catch basins to a closed system to an exfiltrating sand filter to groundwater in the Winooski River watershed.

S/N 005: Stormwater runoff from the Pratt & Whitney building and parking area via grassed swales to a collection system, then discharging to a wetland tributary to Muddy Brook.

S/N006: Stormwater runoff from the Pratt & Whitney access road via overland flow then discharging to a wetland tributary to Muddy Brook.

S/N007: Stormwater runoff from the BTV Building 880 replacement project eastern rooftop and paved parking areas via closed piping system, and from western rooftop and paved parking areas via grass channel to a closed piping system, discharging to a wetland tributary to Muddy Brook

S/N008: Stormwater runoff from paved parking areas and rooftops via sheet flow to grassed channels and pipes conveyed to an infiltration basin and Vortech underground storage vault, then discharging to a wetland tributary to Muddy Brook. Note: infiltrated discharges are covered under the VTDEC Underground Injection Control Program.

S/N009: Stormwater runoff from the expanded portion of the south end quarry (0.105 acres of new impervious) via overland sheet flow to vegetated areas for treatment in accordance with the Disconnection of Non-rooftop Runoff Credit and then conveyed via a grass channel to the existing quarry discharging to groundwater in the Muddy Brook watershed.

Compliance with General Permit 3-9010 Amended (May 2007) and this Authorization  
The permittee shall comply with this authorization and all the terms and conditions of General Permit 3-9010 Amended (May 2007), including the payment of annual operating fees to the Department. A billing statement for such fees will be sent to the permittee each year. The first year's statement is enclosed. Any permit non-compliance, including a failure to pay the annual operating fee, constitutes a violation of 10 V.S.A. Chapter 47 and may be grounds for an enforcement action or revocation of this authorization to discharge.

Transferability

This authorization to discharge is not transferable to any person except in compliance with Part VI.D. of General Permit 3-9010 Amended (May 2007). A copy of General Permit 3-9010 Amended (May 2007) is available from the Department via the internet at [http://www.vtwaterquality.org/stormwater/htm/sw\\_3-9010.htm](http://www.vtwaterquality.org/stormwater/htm/sw_3-9010.htm)

Changes to Permitted Development

In accordance with Part V.G. of General Permit 3-9010 Amended (May 2007), the permittee shall notify the Department of any planned development or facility expansions or changes that may result in new or increased stormwater discharges. The Department shall determine the appropriateness of continued inclusion under General Permit 3-9010 Amended (May 2007) by the modified development or facility.

Annual Inspection and Report

The stormwater collection, treatment and control system authorized herein shall be properly operated and maintained. An inspection shall be conducted between the conclusion of spring snow melt and June 15<sup>th</sup> of each year. The inspection shall evaluate the operation and maintenance and condition of the stormwater collection, treatment and control system. The permittee shall prepare an annual inspection report on a form available from the Department. The permittee shall submit an inspection report to the Department by July 15<sup>th</sup> of each year or by July 30<sup>th</sup> if performed by a utility or municipality pursuant to a duly adopted stormwater management ordinance.

Restatement of Compliance

Every 3 years, the permittee shall submit to the Department a written statement signed by a designer that the stormwater collection, treatment and control system authorized herein is properly operating and maintained. The first re-statement of compliance is due December 22, 2012. Failure to submit a designer's restatement of compliance shall constitute a violation of General Permit 3-9010 Amended (May 2007) and may result in the revocation of this authorization to discharge.

Filing of this Authorization with Local Land Records

In accordance with Part VI.N. of General Permit 3-9010 Amended (May 2007), the permittee shall file a copy of this authorization to discharge in the land records within seven (7) days of its issuance and a copy of the recording shall be provided to the Department within fourteen (14) days of the permittee's receipt of a copy of the recording from the local land records.

Rights to Appeal to the Environmental Court

Pursuant to 10 V.S.A. Chapter 220, any appeal of this decision must be filed with the clerk of the Environmental Court within 30 days of the date of the decision. The appellant must attach to the Notice of Appeal the entry fee of \$250.00, payable to the state of Vermont. The Notice of Appeal must specify the parties taking the appeal and the statutory provision under which each party claims party status; must designate the act or decision appealed from; must name the Environmental Court; and must be signed by the appellant or their attorney. In addition, the appeal must give the address or location and description of the property, project or facility with which the appeal is concerned and the name of the applicant or any permit involved in the appeal. The appellant must also

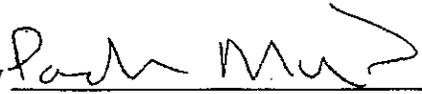
serve a copy of the Notice of Appeal in accordance with Rule 5(b)(4)(B) of the Vermont Rules for Environmental Court Proceedings. For further information, see the Vermont Rules for Environmental Court Proceedings, available on line at [www.vermontjudiciary.org](http://www.vermontjudiciary.org). The address for the Environmental Court is 2418 Airport Road, Suite 1, Barre, VT 05641 (Tel. # 802-828-1660).

Effective Date and Expiration Date of this Authorization

This amended authorization to discharge shall become effective on December 22, 2009 and shall continue until December 22, 2019. The permittee shall reapply for coverage at least sixty (60) days prior to December 22, 2019.

Dated at Waterbury, VT this 22<sup>nd</sup> day of December, 2009.

Justin G. Johnson, Commissioner  
Department of Environmental Conservation

By   
\_\_\_\_\_  
Padraic Monks  
Stormwater Program Manager

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**BURLINGTON INTERNATIONAL AIRPORT**

**Permit No. 3028-9010.2 – Taxiways 'B', 'C', 'J', and 'G'  
(Muddy Brook Watershed)**

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## MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Taxiways 'B', 'C', 'J', and 'G' (Muddy Brook), Burlington International Airport (BTV)
2. Location: Taxiways 'B', 'C', 'J', and 'G', Burlington International Airport (BTV), 1200 Airport Drive, South Burlington, Vermont
3. Stormwater Permit Number: 3028-9010.2
4. Current Permit Status: (Issued, Expired, Title 3) Issued 11/5/2015
5. Narrative Describing the Stormwater System: This permit authorizes the discharge of treated stormwater runoff from 18.03 acres of Taxiways 'B', 'C', 'J', and 'G' to Muddy Brook. This permit renews and replaces previously authorized permit 3028-INDS.A for the portion draining to Muddy Brook, S/N 001 only. Note that the remaining portion from 3028-INDS.A draining to Potash Brook is renewed under 3028-INDS.AR.

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Discharge locations include:

S/N 001. This discharge location includes the following:

- Stormwater runoff from taxiway surfaces via sheet flow over designated vegetation disconnection areas, then via overland flow discharging to groundwater, to a catch basin and pipe closed drainage system, or via conveyance swale discharging to Muddy Brook.
- Stormwater runoff from taxiway surfaces via sheet flow for treatment in Grass Channel #1, with underdrain, routed to a catch basin and pipe closed drainage system, discharging to Muddy Brook.
- Stormwater runoff from runway and taxiway surfaces via sheet flow for treatment in Grass Channel #2, with underdrain, routed to a catch basin and pipe closed drainage system, discharging to Muddy Brook.
- Stormwater runoff from runway and taxiway surfaces via sheet flow for treatment in Grass Channel #3, with underdrain, routed to a catch basin and pipe closed drainage system, discharging to Muddy Brook.
- Stormwater runoff from taxiway surfaces via sheet flow for treatment in Grass Channel #4, with underdrain, routed to a catch basin and pipe closed drainage system, discharging to Muddy Brook.

Note: The VTDEC Stormwater Program's Site Balancing Procedure for the Discharge of Stormwater Runoff from the Expansion or Redevelopment of Impervious Surfaces was utilized to meet applicable treatment standards in drainage area S/N 001, discharging to Muddy Brook. In addition, areas of impervious surface previously authorized under Discharge Permit #1-0839, drainage area S/N 003, were redeveloped, subject to the Agency's 2002 Stormwater Management Manual, and are now covered by this discharge permit.

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6. Current Compliance Status:

- Compliant with previously issued state permit
- Planned compliance within 24 mos; Estimated Compliance Date: -  
\_\_\_\_\_
- Not constructed – plan for construction as part of FRP; Estimated construction schedule:  
\_\_\_\_\_
- Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule:  
\_\_\_\_\_

7. Plans (for expired permits, list plan numbers and attach):

- Phasing Plan, dated 5/28/2009 by Stantec Consulting Services, Inc.
- Drainage Area Map, dated 5/28/2009 by Stantec Consulting Services, Inc.
- Sheet SW2, Storm Water Management Plan, dated 3/25/2009 by Campbell & Paris Engineers
- Sheet SW3, Storm Water Management Plan, dated 3/25/2009 by Campbell & Paris Engineers
- Sheet SW4, Storm Water Management Plan, dated 3/25/2009 by Campbell & Paris Engineers
- Sheet SW5, Storm Water Management Plan, dated 3/25/2009 by Campbell & Paris Engineers
- Sheet SW6, Storm Water Management Plan, dated 3/25/2009 by Campbell & Paris Engineers
- Sheet SW7, Storm Water Management Plan, dated 3/25/2009 by Campbell & Paris Engineers
- Sheet 3, Existing Conditions, dated 5/14/2009 by Campbell & Paris Engineers
- Sheet 4, Existing Conditions, dated 5/14/2009 by Campbell & Paris Engineers
- Sheet 20, Schedule 1 Grading & Drainage Plan, dated 5/14/2009 by Campbell & Paris Engineers
- Sheet 21, Schedule 1 Grading & Drainage Plan, dated 5/14/2009 by Campbell & Paris Engineers

- Sheet 22, Schedule 1 Grading & Drainage Plan, dated 5/14/2009 by Campbell & Paris Engineers
- Sheet 36, Pavement and Typical Sections & Misc. Details, dated 5/14/2009 by Campbell & Paris Engineers
- Sheet 1, Storm Water Management Plan, dated 4/21/2009 by Stantec Consulting Services, Inc.
- Sheet 3, Existing Conditions Plan, dated 5/28/2009 by Stantec Consulting Services, Inc.
- Sheet 17, Grading and Drainage Plan, Sheet 1 of 2, dated 5/28/2009 by Stantec Consulting Services, Inc.
- Sheet 18, Grading and Drainage Plan, Sheet 2 of 2, dated 5/28/2009 by Stantec Consulting Services, Inc.
- Sheet 19, Drainage Details, dated 5/28/2009 by Stantec Consulting Services, Inc.
- Sheet 21, Typical Sections, dated 5/28/2009 by Stantec Consulting Services, Inc.
- Sheet 22, Typical Sections and Pavement Details, dated 5/28/2009 by Stantec Consulting Services, Inc.

8. Proof of Legal Responsibility (list and attach):

City of Burlington, Burlington International Airport (BTV)

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**DESIGNER'S STATEMENT OF COMPLIANCE  
STATE STORMWATER DISCHARGE PERMIT**

Check One Below:

- Initial Designer's Statement of Compliance
- Designer's Restatement of Compliance

1. Permit Number: 3028-9010.2

2. Description/Name of Project: Reconstruct TW B & C; Relocate TW J; Construct TW G

3. Designer's Certification: Please complete the applicable lines below.

Discharge to Muddy Brook

**I hereby certify to the best of my knowledge and in the exercise of my reasonable professional judgment that:**

The stormwater collection, treatment and control system authorized by the permit described in #1 above was properly constructed in accordance with the permit. **[Complete this line for Initial Designer's Statement of Compliance ONLY, in addition complete below.]**

Check ONLY one of the following boxes:

The most recently issued permit described in #1 is valid and construction has not yet commenced. [If this line is checked, this form may be completed by the Owner.]

The stormwater collection, treatment and control system authorized by the permit described in #1 above is properly operating and maintained in accordance with the requirements of the permit.

The stormwater collection, treatment and control system authorized by the permit described in #1 above is not operating properly and/or is not being maintained in accordance with the requirements of the permit. If so, please describe the operational and maintenance failures in detail below (or in an attachment if necessary):

4. If you checked the last box in #3 above, please provide a description of the steps that will be taken to bring the stormwater system back into compliance with the permit, and provide a schedule for taking such actions.

5. The failure to properly operate and maintain the stormwater collection, treatment and control system authorized in the permit described in #1 above constitutes a violation of state law and is subject to potential enforcement action by the Department of Environmental Conservation. Please take immediate steps to correct all violations.

**[INCOMPLETE FORMS WILL BE RETURNED]**

 9/30/2016

Senior Project Engineer

Title

Douglas M. Campbell, P.E., 55 Green Mtn Drive, So. Burlington, VT 05403

Print or Type Name and Address

Aug 3, 9, 10, 15 & Sep 20, 2016

Date of Inspection

(802) 864-0223 doug.campbell@stantec.com

Designer's Contact Phone and/or Email

**Please mail this completed form to:**

**DEC – Watershed Management Division  
Stormwater Management Program  
1 National Life Drive, Main 2  
Montpelier, VT 05620-3522**

**or email to:** [anr.wsmdstormwatergeneral@state.vt.us](mailto:anr.wsmdstormwatergeneral@state.vt.us)

Additional information can be found at:  
<http://www.watershedmanagement.vt.gov/>  
802-828-1535

VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
AUTHORIZATION TO DISCHARGE UNDER  
GENERAL PERMIT 3-9010

A determination has been made that the applicant:

City of Burlington, Burlington International Airport  
1200 Airport Drive, #1  
South Burlington, VT 05403

Impervious Area: 18.03 acres

meets the criteria necessary for inclusion under General Permit 3-9010. Hereinafter the named applicant shall be referred to as the permittee. Subject to the conditions of General Permit No. 3-9010, the permittee is authorized to discharge stormwater from reconstructed Taxiways 'B' and 'C', and relocated Taxiway 'J' and newly constructed Taxiway 'G': AIP No. 3-50-0005-XX-2009, located at the Burlington International Airport, 1200 Airport Drive, in South Burlington, Vermont to Muddy Brook. This permit renews and replaces previously authorized permit 3028-INDS.A for the portion draining to Muddy Brook, S/N 001 only. (The remaining portion from 3028-INDS.A drains to Potash Brook is renewed under 3028-INDS.AR.)

*Manner of Discharge:*

*S/N 001: Stormwater runoff from taxiway surfaces via sheet flow over designated vegetated disconnection areas, then via overland flow discharging to groundwater, to a catch basin and pipe closed drainage system, or via conveyance swale, discharging to Muddy Brook.*

*Stormwater runoff from taxiway surfaces via sheet flow for treatment in Grass Channel #1, with underdrain, routed to a catch basin and pipe closed drainage system, discharging to Muddy Brook.*

*Stormwater runoff from runway and taxiway surfaces via sheet flow for treatment in Grass Channel #2, with underdrain, routed to a catch basin and pipe closed drainage system, discharging to Muddy Brook.*

*Stormwater runoff from runway and taxiway surfaces via sheet flow for treatment in Grass Channel #3, with underdrain, routed to a catch basin and pipe closed drainage system, discharging to Muddy Brook.*

*Stormwater runoff from taxiway surfaces via sheet flow for treatment in Grass Channel #4, with underdrain, routed to a catch basin and pipe closed drainage system, discharging to Muddy Brook.*

*Note: The VT DEC Stormwater Program's Site Balancing Procedure for the Discharge of Stormwater Runoff from the Expansion or Redevelopment of Impervious Surfaces was utilized to meet applicable treatment standards in drainage area S/N 001, discharging to Muddy Brook. In addition, areas of impervious surface previously authorized under Discharge Permit #1-0839, drainage area S/N 003, were redeveloped, subject to the Agency's 2002 Stormwater Management Manual, and are now covered by this discharge permit.*

#### Compliance with General Permit 3-9010 and this Authorization

The permittee shall comply with this authorization and all the terms and conditions of General Permit 3-9010, including the payment of annual operating fees to the Department. A billing statement for such fees will be sent to the permittee each year. The first year's statement is enclosed. Any permit non-compliance, including a failure to pay the annual operating fee, constitutes a violation of 10 V.S.A. Chapter 47 and may be grounds for an enforcement action or revocation of this authorization to discharge.

#### Transferability

This authorization to discharge is not transferable to any person except in compliance with Part VI.D. of General Permit 3-9010. A copy of General Permit 3-9010 is available from the Department via the internet at

[http://www.vtwaterquality.org/stormwater/htm/sw\\_3-9010.htm](http://www.vtwaterquality.org/stormwater/htm/sw_3-9010.htm)

#### Changes to Permitted Development

In accordance with Part V.G. of General Permit 3-9010, the permittee shall notify the Department of any planned development or facility expansions or changes that may result in new or increased stormwater discharges. The Department shall determine the appropriateness of continued inclusion under General Permit 3-9010 by the modified development or facility.

#### Annual Inspection and Report

The stormwater collection, treatment and control system shall be properly operated. The permittee shall submit an annual inspection report on the operation, maintenance and condition of the stormwater collection, treatment and control system. The inspection report shall be submitted regardless of whether the project has been constructed. The inspection shall be conducted between the conclusion of spring snow melt and June 15th of each year and the inspection report shall be submitted to the Secretary by July 15th of each year, or by July 30th if performed by a utility or municipality pursuant to a duly adopted stormwater management ordinance. The inspection report shall note all problem areas and all measures taken to correct any problems and to prevent future problems.

#### Restatement of Compliance

Every 5 years, the permittee shall submit to the Department a written statement signed by a designer that the stormwater collection, treatment and control system authorized herein is properly operating and maintained. The first re-statement of compliance is due July 15, 2020. Failure to submit a designer's restatement of compliance shall constitute a violation of General Permit 3-9010 and may result in the revocation of this authorization to discharge. Forms for completing this requirement are available on the Stormwater Management Program's website.

Recording in Land Records: The permittee shall record a one-page notice of issuance of this discharge permit in the local land records within fourteen (14) days of issuance of this authorization to discharge on the form provided by the Secretary, per §18-312 of Stormwater Management Rule. The permittee shall provide a copy of the recording to the Stormwater Management Program within fourteen (14) days of the permittee's receipt of the copy of the recording from the local land records.

Renewable Energy Projects – Right to Appeal to Public Service Board:

If this decision relates to a renewable energy plant for which a certificate of public good is required under 30 V.S.A. §248, any appeal of this decision must be filed with the Vermont Public Service Board pursuant to 10 V.S.A. §8506. This section does not apply to a facility that is subject to 10 V.S.A. §1004 (dams before the Federal Energy Regulatory Commission), 10 V.S.A. §1006 (certification of hydroelectric projects) or 10 V.S.A. Chapter 43 (dams). Any appeal under this section must be filed with the clerk of the Public Service Board within 30 days of the date of this decision. For further information, see the Public Service Board website at <http://psb.vermont.gov> or call (802) 828-2358. The address for the Public Service Board is 112 State Street Montpelier, Vermont 05620-2701.

All Other Projects - Right to Appeal to the Environmental Court

Pursuant to 10 V.S.A. Chapter 220, any appeal of this decision must be filed with the clerk of the Environmental Court within 30 days of the date of the decision. The appellant must attach to the Notice of Appeal the entry fee of \$250.00, payable to the state of Vermont. The Notice of Appeal must specify the parties taking the appeal and the statutory provision under which each party claims party status; must designate the act or decision appealed from; must name the Environmental Court; and must be signed by the appellant or their attorney. In addition, the appeal must give the address or location and description of the property, project or facility with which the appeal is concerned and the name of the applicant or any permit involved in the appeal. The appellant must also serve a copy of the Notice of Appeal in accordance with Rule 5(b)(4)(B) of the Vermont Rules for Environmental Court Proceedings. For further information, see the Vermont Rules for Environmental Court Proceedings, available on line at [www.vermontjudiciary.org](http://www.vermontjudiciary.org). The address for the Environmental Court is 32 Cherry Street, 2nd Floor Suite 303 Burlington, Vermont 05401 (Tel. # 802-951-1740).

Effective Date and Expiration Date of this Authorization

This authorization to discharge shall become effective on November 5, 2015 and shall continue until November 5, 2025. The permittee shall reapply for coverage at least sixty (60) days prior to November 5, 2025.

Dated this 5th day of November, 2015.

Alyssa Schuren, Commissioner  
Department of Environmental Conservation

By \_\_\_\_\_  
Padraic Monks, Stormwater Program Manager  
Stormwater Management Program

**NOTICE OF ISSUANCE OF STORMWATER DISCHARGE PERMIT  
BY THE VERMONT DEPARTMENT OF ENVIRONMENTAL  
CONSERVATION**

Notice is hereby given that an individual stormwater discharge permit or an authorization to discharge pursuant to a general stormwater discharge permit has been issued by the Vermont Department of Environmental Conservation to Permittee(s) named herein for the discharge of stormwater runoff from impervious surfaces (e.g. roadways, rooftops, parking lots, walkways) pursuant to 10 V.S.A. Section 1264 for the property identified below. The permit/authorization requires treatment and control of stormwater runoff, long-term maintenance of the treatment and control structures and payment of yearly operational fees.

\*\*\*\*

Permittee(s): \_\_\_\_\_

Permit/Authorization Number: \_\_\_\_\_

911 Address of Property: \_\_\_\_\_

Name of condominium, subdivision or planned community association (if applicable):  
\_\_\_\_\_

Signature of Permittee or Authorized Representative: \_\_\_\_\_

Printed Name of Permittee or Authorized Representative: \_\_\_\_\_

Date of Signature: \_\_\_\_\_

\*\*\*\*

**Recording information:** Municipal clerks - please index this document listing the State of Vermont, Department of Environmental Conservation as "Grantee". Please index this document listing the above named Permittee(s) as "Grantor(s)". Additionally, if this notice lists the name of a condominium, subdivision or planned community association, please list the named association as an additional "Grantor".

**Please mail this stamped/recorded/completed form to:**

**DEC – Watershed Management Division  
Stormwater Management Program  
1 National Life Drive, Main 2  
Montpelier, VT 05620-3522**

**Or email to:** [anr.wsmdstormwatergeneral@state.vt.us](mailto:anr.wsmdstormwatergeneral@state.vt.us)

**BURLINGTON INTERNATIONAL AIRPORT**

**Permit No. 3028-INDS.AR – Taxiways 'B', 'C', 'J', and 'G'  
(Potash Brook Watershed)**

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## MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Taxiways 'B', 'C', 'J', and 'G' (Potash Brook), Burlington International Airport (BTV)
2. Location: Taxiways 'B', 'C', 'J', and 'G', Burlington International Airport (BTV), 1200 Airport Drive #1, South Burlington, Vermont.
3. Stormwater Permit Number: 3028-INDS.AR
4. Current Permit Status: (Issued, Expired, Title 3) Issued December 4, 2015
5. Narrative Describing the Stormwater System: Taxiways 'B', 'C', 'J', and 'G' (Potash Brook watershed) include 2.30 acres of impervious surface. This permit authorizes the discharge of treated stormwater runoff from Taxiways 'B', 'C', 'J', and 'G' to a Class II Wetland contiguous to Potash Brook. This permit renews and replaces previously authorized permit 3028-INDS.A for the portion draining to Potash Brook, S/N 002 only. Note that the remaining impervious from 3028-INDS.A is renewed under 3028-9010.2.

Discharge locations include:

S/N 002 Stormwater runoff from taxiway surfaces via sheet flow over designated disconnection areas, then overland flow discharging to a catch basin and pipe closed drainage system, discharging to a Class II Wetland contiguous to Potash Brook.

Note: This permit uses the Disconnection of Non-Rooftop Runoff credit to treat all of the new impervious.

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6. Current Compliance Status:

- Compliant with previously issued state permit
- Planned compliance within 24 mos; Estimated Compliance Date: -  
\_\_\_\_\_
- Not constructed – plan for construction as part of FRP; Estimated construction schedule:  
\_\_\_\_\_
- Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule:  
\_\_\_\_\_

7. Plans (for expired permits, list plan numbers and attach):

Site plans and details by Stantec Consulting Services, Inc.

- Drawing No. 1, Stormwater Management Plan, dated 5/28/2009
- Drawing No. 16, Grading and Drainage Plan, Sheet 1 of 2, dated 5/28/2009
- Drawing No. 17, Grading and Drainage Plan, Sheet 2 of 2, dated 5/28/2009
- Drawing No. 19, Drainage Details, dated 5/28/2009
- Drawing No. 21, Typical Sections, dated 5/28/2009
- Drawing No. 22, Typical Sections and Pavement Details, dated 5/28/2009

Site Plans and details by Campbell & Paris Engineers

- Sheets SW2 and SW3, Stormwater Management Plan, dated 3/25/2009, and last revised 02/2010
- Sheets SW4 through SW&, Stormwater Management Plan, dated 3/25/2009
- Sheets 20 and 21, Schedule 1 Grading & Drainage Plan, dated 5/14/2009
- Sheet 22, Schedule 2 Grading & Drainage Plan, dated 5/14/2009
- Sheet 36, Pavement and Typical Sections & Misc. Details, dated 5/14/2009
- Sheet 20A, Schedule IV Grading & Drainage Plan, dated 5/14/2009, and last revised 5/2009

8. Proof of Legal Responsibility (list and attach):

City of Burlington, Burlington International Airport (BTV)

**DESIGNER'S STATEMENT OF COMPLIANCE  
STATE STORMWATER DISCHARGE PERMIT**

Check One Below:

- Initial Designer's Statement of Compliance
- Designer's Restatement of Compliance

1. Permit Number: 3028-INDS.AR

2. Description/Name of Project: Reconstruct TW B & C; Relocate TW J; Construct TW G

3. Designer's Certification: Please complete the applicable lines below. Discharge to Potash Brook

**I hereby certify to the best of my knowledge and in the exercise of my reasonable professional judgment that:**

The stormwater collection, treatment and control system authorized by the permit described in #1 above was properly constructed in accordance with the permit. **[Complete this line for Initial Designer's Statement of Compliance ONLY, in addition complete below.]**

Check ONLY one of the following boxes:

The most recently issued permit described in #1 is valid and construction has not yet commenced. [If this line is checked, this form may be completed by the Owner.]

The stormwater collection, treatment and control system authorized by the permit described in #1 above is properly operating and maintained in accordance with the requirements of the permit.

The stormwater collection, treatment and control system authorized by the permit described in #1 above is not operating properly and/or is not being maintained in accordance with the requirements of the permit. If so, please describe the operational and maintenance failures in detail below (or in an attachment if necessary):

4. If you checked the last box in #3 above, please provide a description of the steps that will be taken to bring the stormwater system back into compliance with the permit, and provide a schedule for taking such actions.

5. The failure to properly operate and maintain the stormwater collection, treatment and control system authorized in the permit described in #1 above constitutes a violation of state law and is subject to potential enforcement action by the Department of Environmental Conservation. Please take immediate steps to correct all violations.

**[INCOMPLETE FORMS WILL BE RETURNED]**

 9/30/2016

Senior Project Engineer

Title

Douglas M. Campbell, P.E., 55 Green Mtn Drive, So. Burlington, VT 05403

Print or Type Name and Address

Aug 11, 2016

Date of Inspection

(802) 864-0223 doug.campbell@stantec.com

Designer's Contact Phone and/or Email

**Please mail this completed form to:**

**DEC – Watershed Management Division  
Stormwater Management Program  
1 National Life Drive, Main 2  
Montpelier, VT 05620-3522**

**or email to:** [anr.wsmdstormwatergeneral@state.vt.us](mailto:anr.wsmdstormwatergeneral@state.vt.us)

Additional information can be found at:  
<http://www.watershedmanagement.vt.gov/>  
802-828-1535

STATE OF VERMONT  
AGENCY OF NATURAL RESOURCES  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

**STORMWATER DISCHARGE PERMIT**

STORMWATER RUNOFF TO WATERS OF THE STATE

In compliance with provisions of 10 V.S.A. §1264, the Stormwater Management Rule for Stormwater-Impaired Waters and in accordance with "Terms and Conditions" hereinafter specified,

City of Burlington, Burlington International Airport  
1200 Airport Drive, #1  
South Burlington, VT 05403

Impervious Area: 2.30 acres

the permittee, is hereby granted permission to discharge stormwater runoff from reconstructed Taxiways 'B' and 'C', and relocated Taxiway 'J' and newly constructed Taxiway 'G': AIP No. 3-50-0005-XX-2009, located at the Burlington International Airport, 1200 Airport Drive, in South Burlington, Vermont to a Class II wetland contiguous to Potash Brook. This permit renews and replaces previously authorized permit 3028-INDS.A for the portion draining to Potash Brook, S/N002 only. (The remaining impervious from 3028-INDS.A is renewed under 3028-9010.2.)

1. Expiration Date: Five years from issuance date of final permit. Note: This permit, unless revoked, modified or suspended, shall be valid until the designated expiration date notwithstanding any intervening change in water quality, effluent, or treatment standards, or classification of the receiving waters including groundwater. However, any such changed standard or classification, and any applicable requirement in a total maximum daily load (TMDL) for Potash Brook, shall be applied in determining whether or not to renew this permit, and in determining the conditions of a renewed permit.

The permittee shall reapply for a renewed discharge permit ninety days prior to the expiration date of this permit.

2. Revocation: 10 V.S.A. §1267 provides as follows:

The Secretary may, after notice and opportunity for a public hearing, revoke, modify or suspend this permit if it is found that the permittee submitted false or inaccurate information in its application or has violated any requirement, restrictions, or condition of this permit, or if there is any change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge. The Secretary shall impose conditions as the Secretary deems necessary for regulating the discharges of a permittee whose permit has been revoked, modified or suspended. Revocation shall be effective upon actual notice thereof to the permittee.

3. Operating Fees: This discharge is subject to operating fees under 3 V.S.A. §2822. The permittee shall submit the operating fees to the Agency in accordance with procedures provided by the Secretary.

4. Recording in Land Records: The permittee shall record a one-page notice of issuance of this discharge permit in the local land records within fourteen (14) days of issuance of this permit on the form provided by the Secretary, per §22-312 of the Stormwater Management Rule for Stormwater-Impaired Waters. A copy of this form is available on the Stormwater Management Program website. The permittee shall provide a copy of the recording to the Stormwater Management Program within fourteen (14) days of the permittee's receipt of the copy of the recording from the local land records.
5. Transfer of Permit: This permit is not transferable without prior written approval of the Secretary. Provided all applicable fees under 3 V.S.A. §2822 have been paid, a permittee may submit a notice of transfer to the Stormwater Management Program. The notice shall be submitted at least five (5) days prior to the proposed date of transfer. The notice shall state that the prospective permittee has adequate funding to comply with this permit. The permittee shall provide a copy of this permit to the new owner or tenant and inform him of the responsibility to make application for a permit which shall be issued in his name. Any failure to do so shall be considered a violation of this permit.
6. Right of Entry: The permittee shall allow the Secretary, or his or her authorized representatives, at reasonable times, upon presentation of credentials, to enter upon and inspect the permitted premises, and the stormwater collection, treatment and control system; and to sample any discharge to determine compliance with this permit; and to have access to and inspect and copy any records required to be kept pursuant to this permit.
7. Receiving Waters: Class II Wetland contiguous to Potash Brook
8. Manner of Discharge:  
S/N 002: Stormwater runoff from taxiway surfaces via sheet flow over designated vegetated disconnection areas, then overland flow discharging to a catch basin and pipe closed drainage system, discharging to a Class II wetland contiguous to Potash Brook.
9. Wastes Permitted: Stormwater runoff from S/N 002 of the above named project after treatment from the Disconnection of Non-Rooftop Runoff Credit.
10. Volumes Permitted and Frequency of Discharge: Such volumes and frequency as required by the discharge specified in #8 above.
11. Approved Project Design: This project shall be constructed and operated in accordance with the following site plans and details prepared by Stantec and by Campbell & Paris Engineers, and supporting information:  
*Stantec*  
Drawing No. 1, "Stormwater Management Plan," dated 5/28/2009;  
Drawing No. 16, "Grading and Drainage Plan, Sheet 1 of 2," dated 5/28/2009;  
Drawing No. 17, "Grading and Drainage Plan, Sheet 2 of 2," dated 5/28/2009;  
Drawing No. 19, "Drainage Details," dated 5/28/2009;  
Drawing No. 21, "Typical Sections," dated 5/28/2009;  
Drawing No. 22, "Typical Sections and Pavement Details," dated 5/28/2009.

Campbell & Paris Engineers

Sheets SW2 and SW3, "Stormwater Management Plan," dated 3/25/2009, and last revised 02/2010;

Sheets SW4 through SW7, "Stormwater Management Plan," dated 3/25/2009;

Sheets 20 and 21, "Schedule 1 Grading & Drainage Plan," dated 5/14/2009;

Sheet 22, "Schedule 2 Grading & Drainage Plan," dated 5/14/2009;

Sheet 36, "Pavement and Typical Sections & Misc. Details," dated 5/14/2009;

Sheet 20A, "Schedule IV Grading & Drainage Plan," dated 5/14/2009, and last revised 5/2009.

By reference, the above noted plans are made a part of this permit.

12. Inspection and Maintenance Reporting Requirements:

- a. The basins, grass channels, and related stormwater collection, treatment and control system shall be maintained in good operating condition at all times and **shall be inspected annually and cleaned as necessary to maintain design specifications. The inspections shall be conducted between the conclusion of spring snow melt and June 15<sup>th</sup> of each year.**
- b. Any sediment removed from the basins, grass channels, and related stormwater collection, treatment and control system shall be disposed of properly in accordance with state and federal statutes and regulations.
- c. **By July 15 of each year the permittee shall submit an annual inspection report to the Secretary; or by July 30 of each year if performed by a utility or municipality pursuant to a duly adopted stormwater management ordinance. Annual Inspection Reports shall be submitted to:**

Department of Environmental Conservation  
Watershed Management Division  
Stormwater Program  
1 National Life Drive, Main 2  
Montpelier, Vermont 05620-3522

Or by email to [anr.wsmdstormwatergeneral@state.vt.us](mailto:anr.wsmdstormwatergeneral@state.vt.us)

This report shall include, at a minimum items c.i. through c.vii. below. The permittee(s) may utilize the Annual Inspection Report form available from the Stormwater Program if determined by inspector to be sufficient to fully document inspection and maintenance of the authorized system.

- i. Unless previously submitted by the permittee(s) under a previously issued authorization or discharge permit, the first report shall include an inspection and designer's certification that the project was built in compliance with the Approved Project Design per #11 above;
- ii. A description of any vegetated areas that require mowing or other maintenance;
- iii. A description of any catch basins that require maintenance or sediment removed from sumps;

- iv. A description of any illicit discharges to the system (illicit discharges would include dumping of oil, gas, detergent, vehicle wash water, etc.) and corrective action/preventative measures taken if applicable;
  - v. A description of any re-routing of stormwater to avoid the system;
  - vi. A description of any erosion noted during inspection (i.e. areas of exposed soil in channels, outlets, or on pond berms);
  - vii. A description of any cleaning, maintenance operations, or repairs needed to maintain design specifications, including a schedule for correction of any identified deficiencies;
- d. Should any erosion problems occur, the permittee is required to immediately correct any such problems.
  - e. Any basins, grass channels, or related stormwater devices used during construction for erosion control shall be inspected and cleaned to design specifications immediately after construction has been completed.
13. Description of Required Offset (on-site): In order to meet the statutory standard for new discharges set forth in 10 V.S.A. §1264 and the Stormwater Management Rule for Stormwater-Impaired Waters, the permittee has demonstrated that the project will not increase the pollutant load over existing conditions. This has been accomplished by treating runoff from existing impervious surfaces within the Potash Brook watershed project limits. The project achieves a net reduction in sediment loading to Potash Brook of 3,466 pounds per year.
14. Secretary's Determination: The Secretary has determined that this project meets the requirements of the Agency's 2002 Stormwater Management Manual and does not increase the sediment or hydrologic load of the receiving stormwater-impaired waters. The Secretary has determined that the proposed discharge will not reduce the quality of the receiving waters below the classification established for them.
15. Personnel and Training Requirements: Such personnel and training as necessary to fulfill the requirements of #12 above.
16. Monitoring and Reporting Requirement: No monitoring required; reporting requirement as specified in #12 above.
17. Other Requirements:
- a. Treated stormwater runoff is the only waste authorized for disposal under the terms and conditions of this permit. The discharge of any hazardous materials or hazardous waste into the stormwater management system is prohibited.
  - b. The issuance of this permit does not relieve the permittee from the responsibility to obtain any other local, state or federal permits required by law.
18. Compliance with Anti-degradation and Water Quality Standards: The Secretary has determined that the permitted discharges satisfy Vermont's Anti-degradation Policy provided in Section 1-

03 of the Vermont Water Quality Standards and the Department of Environmental Conservation's Interim Anti-degradation Implementation Procedure because the applicant has demonstrated how the proposed development will implement practices and offset projects as necessary to ensure water quality is maintained in receiving waters. In particular, the applicant has demonstrated how the proposed development will implement appropriate best management practices (BMPs) designed in accordance with the requirements of the Vermont Stormwater Management Manual, Volume I and as necessary offset projects in accordance with Chapter 22: Stormwater Management Rule for Stormwater-Impaired Waters. These BMPs and offset projects where necessary will manage and mitigate the proposed stormwater discharge from the project such that no lowering of water quality is expected to occur in the receiving waters.

19. Renewable Energy Projects – Right to Appeal to Public Service Board:

Any appeal of this decision must be filed with the clerk of the Vermont Public Service Board pursuant to 10 V.S.A. §8506 within 30 days of the date of this decision. The appellant must file with the Clerk an original and six copies of its appeal. The appellant shall provide notice of the filing of an appeal in accordance with 10 V.S.A. §8504(c)(2), and shall also serve a copy of the Notice of Appeal on the Vermont Department of Public Service. For information, see the Rules and General orders of the Public Service Board available on line at [www.psb.vermont.gov](http://www.psb.vermont.gov). The address for the Public Service Board is 112 State Street Montpelier, Vermont 05620-2701 (Tel. #802-828-2358).

All Other Projects – Right to Appeal to Environmental Court:

Pursuant to 10 V.S.A. Chapter 220, any appeal of this decision must be filed with the clerk of the Environmental Court within 30 days of the date of the decision. The Notice of Appeal must specify the parties taking the appeal and the statutory provision under which each party claims party status; must designate the act or decision appealed from; must name the Environmental Court; and must be signed by the appellant or their attorney. In addition, the appeal must give the address or location and description of the property, project or facility with which the appeal is concerned and the name of the applicant or any permit involved in the appeal. The appellant must also serve a copy of the Notice of Appeal in accordance with Rule 5(b)(4)(B) of the Vermont Rules for Environmental Court Proceedings. For further information, see the Vermont Rules for Environmental Court Proceedings, available online at [www.vermontjudiciary.org](http://www.vermontjudiciary.org) or call (802) 951-1740. The address for the Environmental Court is 32 Cherry Street, 2nd Floor Suite 303 Burlington, Vermont 05401.

20. Dated this 4th day of December, 2015

Alyssa Schuren, Commissioner  
Department of Environmental Conservation

By \_\_\_\_\_  
Padraic Monks, Program Manager  
Stormwater Management Program

**NOTICE OF ISSUANCE OF STORMWATER DISCHARGE PERMIT  
BY THE VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

Notice is hereby given that an individual stormwater discharge permit or an authorization to discharge pursuant to a general stormwater discharge permit has been issued by the Vermont Department of Environmental Conservation to Permittee(s) named herein for the discharge of stormwater runoff from impervious surfaces (e.g. roadways, rooftops, parking lots, walkways) pursuant to 10 V.S.A. Section 1264 for the property identified below. The permit/authorization requires treatment and control of stormwater runoff, long-term maintenance of the treatment and control structures and payment of yearly operational fees.

\*\*\*\*

Permittee(s): \_\_\_\_\_

Permit/Authorization Number: \_\_\_\_\_

911 Address of Property: \_\_\_\_\_

Name of condominium, subdivision or planned community association (if applicable):  
\_\_\_\_\_

Signature of Permittee or Authorized Representative: \_\_\_\_\_

Printed Name of Permittee or Authorized Representative: \_\_\_\_\_

Date of Signature: \_\_\_\_\_

\*\*\*\*

**Recording information:** Municipal clerks - please index this document listing the State of Vermont, Department of Environmental Conservation as "Grantee". Please index this document listing the above named Permittee(s) as "Grantor(s)". Additionally, if this notice lists the name of a condominium, subdivision or planned community association, please list the named association as an additional "Grantor".

**Please mail this stamped/recorded/completed form to:**

**DEC – Watershed Management Division  
Stormwater Management Program  
1 National Life Drive, Main 2  
Montpelier, VT 05620-3522**

**Or email to:** [anr.wsmdstormwatergeneral@state.vt.us](mailto:anr.wsmdstormwatergeneral@state.vt.us)

**BURLINGTON INTERNATIONAL AIRPORT**

**Permit No. 3028-9010.1 –  
Reconstruct, Mark & Groove Runway 15-33**

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## MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Reconstruct, Mark, and Groove Runway 15-33, Burlington International Airport (BTV)
2. Location: Reconstruct, Mark, and Groove Runway 15-33, Burlington International Airport (BTV), 1200 Airport Drive, South Burlington, Vermont
3. Stormwater Permit Number: 3028-9010.1
4. Current Permit Status: (Issued, Expired, Title 3) Issued August 13, 2015
5. Narrative Describing the Stormwater System: This permit authorizes the discharge of treated stormwater runoff from 14.80 acres of Reconstruct, Mark, and Groove Runway 15-33 to unnamed tributaries of the Winooski River, Muddy Brook, and to groundwater in the unnamed tributary to the Winooski River watershed and to groundwater in the Muddy Brook watershed as previously described in General Permit 3028-INDS.1.

Discharge locations include:

S/N 001. This discharge location includes the following:

- Stormwater runoff from taxiway surfaces via disconnected sheet flow over vegetated areas, then to a catch basin and pipe, closed drainage system, discharging to an unnamed tributary of the Winooski River.
- Stormwater runoff from taxiway surfaces via disconnected sheet flow over vegetated areas, then overland to a dry swale (detention area #3), discharging to catch basin and pipe, closed drainage system, discharging to an unnamed tributary of the Winooski River.

S/N 002. This discharge location includes the following:

- Stormwater runoff from taxiway and runway surfaces via disconnected sheet flow over vegetated areas, then to a catch basin and pipe, closed drainage system, discharging to an unnamed tributary of the Winooski River.
- Stormwater runoff from taxiway and runway surfaces via disconnected sheet flow over vegetated areas, then overland to an underground detention system (detention area #1), then to catch basin and pipe, closed drainage system, discharging to an unnamed tributary of the Winooski River.

- Stormwater runoff from taxiway and runway surfaces via disconnected sheet flow over vegetated areas and via channel flow, to catch basin and pipe, closed drainage system, routed to an underground detention area (detention area #2), infiltrating to groundwater, and discharging to closed drainage system to an unnamed tributary of the Winooski River.

S/N 003. This discharge location includes the following:

- Stormwater runoff from taxiway and runway surfaces via disconnected sheet flow over vegetated areas, then overland to a grass swale, routed to the Vermont Air National Guard closed drainage system, discharging system to an unnamed tributary of the Winooski River.

S/N 004. This discharge location includes the following:

- Stormwater runoff from taxiway and runway surfaces via disconnected sheet flow over vegetated areas, then overland to existing closed drainage infiltration system, discharging to groundwater in the Muddy Brook watershed.

S/N 005. This discharge location includes the following:

- Stormwater runoff from taxiway and runway surfaces via disconnected sheet flow over vegetated areas, then overland to catch basin and pipe, closed drainage system, discharging to Muddy Brook.

S/N 006. This discharge location includes the following:

- Stormwater runoff from taxiway and runway surfaces via disconnected sheet flow over vegetated areas, then overland and via channel flow to catch basin and pipe, closed drainage system, routed to an underground infiltration area (detention area #4), infiltrating to groundwater in the Muddy Brook watershed.

Note: The Disconnection of Non-Rooftop Runoff Credit was utilized to meet applicable stormwater treatment standards. In addition, the *Site Balancing Procedure for the Discharge of Stormwater Runoff from Redevelopment of Impervious Surfaces* was utilized to meet applicable stormwater treatment standards.

6. Current Compliance Status:

- Compliant with previously issued state permit
- Planned compliance within 24 mos; Estimated Compliance Date: -  
\_\_\_\_\_
- Not constructed – plan for construction as part of FRP; Estimated construction schedule:  
\_\_\_\_\_

- Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule:
- 

7. Plans (for expired permits, list plan numbers and attach):

All plans by Hoyle, Tanner & Associates, Inc.

- Sheet G1.3, Phasing Plan, dated March 2010
- Sheet TS1.1, Typical Sections Runway 15-33, dated March 2010
- Sheet TS1.2, Typical Sections Runways 15-33 and 1-19 and Taxiway 'A', dated March 2010
- Sheet TS1.3, Typical Sections Taxiway 'H' and Taxiway 'B', dated March 2010
- Sheet GR1.1, Grading and Drainage Plan STA. 93+00 to STA. 107+00, dated March 2010
- Sheet GR1.2, Grading and Drainage Plan STA 107+00 to STA. 121+00, dated March 2010
- Sheet GR1.3, Grading and Drainage Plan STA. 121+00 to STA. 135+00, dated March 2010
- Sheet GR1.4, Grading and Drainage Plan STA. 135+00 to STA. 149+00, dated March 2010
- Sheet GR1.5, Grading and Drainage Plan STA. 149+00 to STA. 163+00, dated March 2010
- Sheet GR1.6, Grading and Drainage Plan STA. 163+00 to STA. 176+25, dated March 2010
- Sheet GR1.7, Grading and Drainage Plan STA. 176+25 to STA. 188+00, dated March 2010
- Sheet GR1.8, Grading and Drainage Plan Detention Areas 1 and 2, dated March 2010
- Sheet DR1.1, Drainage Details, dated March 2010
- Sheet DR1.2, Detention Area Details Area #1 and #2, dated March 2010
- Sheet DR1.3, Detention Area Details Area #3 and #4, dated March 2010
- Sheet PD1.1, Pre-Development Drainage, dated March 2010
- Sheet PD1.2, Pre-Development Drainage, dated March 2010
- Sheet PD1.3, Pre-Development Drainage, dated March 2010
- Sheet PD2.1, Post-Development Drainage, dated March 2010
- Sheet PD2.2, Post-Development Drainage, dated March 2010
- Sheet PD2.3, Post-Development Drainage, dated March 2010

8. Proof of Legal Responsibility (list and attach):

City of Burlington, Burlington International Airport (BTV)

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**DESIGNER'S STATEMENT OF COMPLIANCE  
STATE STORMWATER DISCHARGE PERMIT**

Check One Below:

- Initial Designer's Statement of Compliance
- Designer's Restatement of Compliance

1. Permit Number: 3028-9010.1
2. Description/Name of Project: Reconstruct, Mark & Groove Runway 15-33
3. Designer's Certification: Please complete the applicable lines below.

**I hereby certify to the best of my knowledge and in the exercise of my reasonable professional judgment that:**

- The stormwater collection, treatment and control system authorized by the permit described in #1 above was properly constructed in accordance with the permit. **[Complete this line for Initial Designer's Statement of Compliance ONLY, in addition complete below.]**

Check ONLY one of the following boxes:

- The most recently issued permit described in #1 is valid and construction has not yet commenced. [If this line is checked, this form may be completed by the Owner.]
- The stormwater collection, treatment and control system authorized by the permit described in #1 above is properly operating and maintained in accordance with the requirements of the permit.
- The stormwater collection, treatment and control system authorized by the permit described in #1 above is not operating properly and/or is not being maintained in accordance with the requirements of the permit. If so, please describe the operational and maintenance failures in detail below (or in an attachment if necessary):

4. If you checked the last box in #3 above, please provide a description of the steps that will be taken to bring the stormwater system back into compliance with the permit, and provide a schedule for taking such actions.

5. The failure to properly operate and maintain the stormwater collection, treatment and control system authorized in the permit described in #1 above constitutes a violation of state law and is subject to potential enforcement action by the Department of Environmental Conservation. Please take immediate steps to correct all violations.

**[INCOMPLETE FORMS WILL BE RETURNED]**



9/30/2016

**Senior Project Engineer**

Title

Douglas M. Campbell, P.E., 55 Green Mtn Drive, So. Burlington, VT 05403

Print or Type Name and Address

Aug 8, 10, 11, 15, 22, & 25, 2016

Date of Inspection

Additional inspections performed under the MSGP  
3028-9003.R: Apr 21, Jun 14, and Aug 22, 2016.

**(802) 864-0223** [doug.campbell@stantec.com](mailto:doug.campbell@stantec.com)

Designer's Contact Phone and/or Email

**Please mail this completed form to:**

**DEC – Watershed Management Division  
Stormwater Management Program  
1 National Life Drive, Main 2  
Montpelier, VT 05620-3522**

**or email to:** [anr.wsmdstormwatergeneral@state.vt.us](mailto:anr.wsmdstormwatergeneral@state.vt.us)

Additional information can be found at:  
<http://www.watershedmanagement.vt.gov/>  
802-828-1535

VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
AUTHORIZATION TO DISCHARGE UNDER  
GENERAL PERMIT 3-9010

A determination has been made that the applicant:

City of Burlington, Burlington International Airport  
1200 Airport Drive, #1  
South Burlington, VT 05403

Impervious Area: 14.80 acres

meets the criteria necessary for inclusion under General Permit 3-9010. Hereinafter the named applicant shall be referred to as the permittee. Subject to the conditions of General Permit No. 3-9010, the permittee is authorized to discharge stormwater from BTV Reconstruct, Mark & Groove Runway 15-33; AIP No. 3-50-0005-XX located at Burlington International Airport in South Burlington, Vermont to unnamed tributaries of the Winooski River, Muddy Brook, and to groundwater in the unnamed tributary to the Winooski River watershed and to groundwater in the Muddy Brook watershed as previously described in General Permit No. 3028-INDS.1:

*Manner of Discharge:*

S/N 001: Stormwater runoff from taxiway and runway surfaces via disconnected sheet flow over vegetated areas, then to catch basin and pipe, closed drainage system, discharging to an unnamed tributary of the Winooski River.

Stormwater runoff from taxiway and runway surfaces via disconnected sheet flow over vegetated areas, then overland to a dry swale (detention area #3), discharging to catch basin and pipe, closed drainage system to an unnamed tributary of the Winooski River.

S/N 002: Stormwater runoff from taxiway and runway surfaces via disconnected sheet flow over vegetated areas, then to catch basin and pipe, closed drainage system, discharging to an unnamed tributary of the Winooski River.

Stormwater runoff from taxiway and runway surfaces via disconnected sheet flow over vegetated areas, then overland to an underground detention system (detention area #1), then to catch basin and pipe, closed drainage system discharging to an unnamed tributary of the Winooski River.

Stormwater runoff from taxiway and runway surfaces via disconnected sheet flow over vegetated areas and via channel flow, to catch basin and pipe, closed drainage system, routed to an underground detention area (detention area #2), infiltrating to groundwater, and discharging to closed drainage system to an unnamed tributary of the Winooski River.

- S/N 003: Stormwater runoff from taxiway and runway surfaces via disconnected sheet flow over vegetated areas, then overland to a grass swale, routed to the Vermont Air National Guard closed drainage system, discharging to an unnamed tributary to the Winooski River.
- S/N 004: Stormwater runoff from taxiway and runway surfaces via disconnected sheet flow over vegetated areas, then overland to existing closed drainage infiltration system, discharging to groundwater in the Muddy Brook watershed.
- S/N 005: Stormwater runoff from taxiway and runway surfaces via disconnected sheet flow over vegetated areas, then overland to catch basin and pipe, closed drainage system, discharging to Muddy Brook.
- S/N 006: Stormwater runoff from taxiway and runway surfaces via disconnected sheet flow over vegetated areas, then overland and via channel flow to catch basin and pipe, closed drainage system, routed to an underground infiltration area (detention area #4), infiltrating to groundwater in the Muddy Brook watershed

Note: The Disconnection of Non-Rooftop Runoff Credit utilized to meet applicable stormwater treatment standards. In addition, the *Site Balancing Procedure for the Discharge of Stormwater Runoff from the Expansion or Redevelopment of Impervious Surfaces* was utilized to meet applicable stormwater treatment standards.

#### Compliance with General Permit 3-9010 and this Authorization

The permittee shall comply with this authorization and all the terms and conditions of General Permit 3-9010, including the payment of annual operating fees to the Department. A billing statement for such fees will be sent to the permittee each year. The first year's statement is enclosed. Any permit non-compliance, including a failure to pay the annual operating fee, constitutes a violation of 10 V.S.A. Chapter 47 and may be grounds for an enforcement action or revocation of this authorization to discharge.

#### Transferability

This authorization to discharge is not transferable to any person except in compliance with Part VI.D. of General Permit 3-9010. A copy of General Permit 3-9010 is available from the Department via the internet at

[http://www.vtwaterquality.org/stormwater/htm/sw\\_3-9010.htm](http://www.vtwaterquality.org/stormwater/htm/sw_3-9010.htm)

### Changes to Permitted Development

In accordance with Part V.G. of General Permit 3-9010, the permittee shall notify the Department of any planned development or facility expansions or changes that may result in new or increased stormwater discharges. The Department shall determine the appropriateness of continued inclusion under General Permit 3-9010 by the modified development or facility.

### Annual Inspection and Report

The stormwater collection, treatment and control system shall be properly operated. The permittee shall submit an annual inspection report on the operation, maintenance and condition of the stormwater collection, treatment and control system. The inspection report shall be submitted regardless of whether the project has been constructed. The inspection shall be conducted between the conclusion of spring snow melt and June 15th of each year and the inspection report shall be submitted to the Secretary by July 15th of each year, or by July 30th if performed by a utility or municipality pursuant to a duly adopted stormwater management ordinance. The inspection report shall note all problem areas and all measures taken to correct any problems and to prevent future problems.

### Restatement of Compliance

Every 3 years, the permittee shall submit to the Department a written statement signed by a designer that the stormwater collection, treatment and control system authorized herein is properly operating and maintained. The first re-statement of compliance is due July 15, 2018. Failure to submit a designer's restatement of compliance shall constitute a violation of General Permit 3-9010 and may result in the revocation of this authorization to discharge. Forms for completing this requirement are available on the Stormwater Management Program's website.

Recording in Land Records: The permittee shall record a one-page notice of issuance of this discharge permit in the local land records within fourteen (14) days of issuance of this authorization to discharge on the form provided by the Secretary, per §18-312 of Stormwater Management Rule. The permittee shall provide a copy of the recording to the Stormwater Management Program within fourteen (14) days of the permittee's receipt of the copy of the recording from the local land records.

### Renewable Energy Projects – Right to Appeal to Public Service Board:

If this decision relates to a renewable energy plant for which a certificate of public good is required under 30 V.S.A. §248, any appeal of this decision must be filed with the Vermont Public Service Board pursuant to 10 V.S.A. §8506. This section does not apply to a facility that is subject to 10 V.S.A. §1004 (dams before the Federal Energy Regulatory Commission), 10 V.S.A. §1006 (certification of hydroelectric projects) or 10 V.S.A. Chapter 43 (dams). Any appeal under this section must be filed with the clerk of the Public Service Board within 30 days of the date of this decision. For further information, see the Public Service Board website at <http://psb.vermont.gov> or call (802) 828-2358. The address for the Public Service Board is 112 State Street Montpelier, Vermont 05620-2701.

### All Other Projects - Right to Appeal to the Environmental Court

Pursuant to 10 V.S.A. Chapter 220, any appeal of this decision must be filed with the

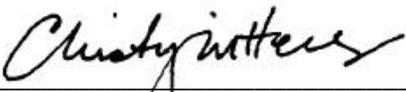
clerk of the Environmental Court within 30 days of the date of the decision. The appellant must attach to the Notice of Appeal the entry fee of \$250.00, payable to the state of Vermont. The Notice of Appeal must specify the parties taking the appeal and the statutory provision under which each party claims party status; must designate the act or decision appealed from; must name the Environmental Court; and must be signed by the appellant or their attorney. In addition, the appeal must give the address or location and description of the property, project or facility with which the appeal is concerned and the name of the applicant or any permit involved in the appeal. The appellant must also serve a copy of the Notice of Appeal in accordance with Rule 5(b)(4)(B) of the Vermont Rules for Environmental Court Proceedings. For further information, see the Vermont Rules for Environmental Court Proceedings, available on line at [www.vermontjudiciary.org](http://www.vermontjudiciary.org). The address for the Environmental Court is 32 Cherry Street, 2nd Floor Suite 303 Burlington, Vermont 05401 (Tel. # 802-951-1740).

Effective Date and Expiration Date of this Authorization

This authorization to discharge shall become effective on August 13, 2015 and shall continue until August 13, 2025. The permittee shall reapply for coverage at least sixty (60) days prior to August 13, 2025.

Dated this 13th day of August, 2015.

Alyssa Schuren, Commissioner  
Department of Environmental Conservation

By   
\_\_\_\_\_  
Christy Witters, Environmental Analyst  
Stormwater Management Program

**NOTICE OF ISSUANCE OF STORMWATER DISCHARGE PERMIT  
BY THE VERMONT DEPARTMENT OF ENVIRONMENTAL  
CONSERVATION**

Notice is hereby given that an individual stormwater discharge permit or an authorization to discharge pursuant to a general stormwater discharge permit has been issued by the Vermont Department of Environmental Conservation to Permittee(s) named herein for the discharge of stormwater runoff from impervious surfaces (e.g. roadways, rooftops, parking lots, walkways) pursuant to 10 V.S.A. Section 1264 for the property identified below. The permit/authorization requires treatment and control of stormwater runoff, long-term maintenance of the treatment and control structures and payment of yearly operational fees.

\*\*\*\*

Permittee(s): \_\_\_\_\_

Permit/Authorization Number: \_\_\_\_\_

911 Address of Property: \_\_\_\_\_

Name of condominium, subdivision or planned community association (if applicable):  
\_\_\_\_\_

Signature of Permittee or Authorized Representative: \_\_\_\_\_

Printed Name of Permittee or Authorized Representative: \_\_\_\_\_

Date of Signature: \_\_\_\_\_

\*\*\*\*

**Recording information:** Municipal clerks - please index this document listing the State of Vermont, Department of Environmental Conservation as "Grantee". Please index this document listing the above named Permittee(s) as "Grantor(s)". Additionally, if this notice lists the name of a condominium, subdivision or planned community association, please list the named association as an additional "Grantor".

**Please mail this stamped/recorded/completed form to:**

**DEC – Watershed Management Division  
Stormwater Management Program  
1 National Life Drive, Main 2  
Montpelier, VT 05620-3522**

**Or email to: [anr.wsmdstormwatergeneral@state.vt.us](mailto:anr.wsmdstormwatergeneral@state.vt.us)**

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**BURLINGTON INTERNATIONAL AIRPORT**

**Permit No. 3845-9010 –  
Heritage Flight Aviation Campus Expansion**

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Not constructed – plan for construction as part of FRP; Estimated construction schedule:

---

Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule:

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7. Plans (for expired permits, list plan numbers and attach):

Plans by TruexCullins

- Sheet GP-1, Grading and Drainage Plan, dated 6/13/2008
- Sheet DD-1, Drainage Details, dated 6/13/2008
- Sheet DD-2, Drainage Details, dated 6/13/2008

8. Proof of Legal Responsibility (list and attach):

City of Burlington, Burlington International Airport (BTV)

**DESIGNER'S STATEMENT OF COMPLIANCE  
STATE STORMWATER DISCHARGE PERMIT**

Check One Below:

- Initial Designer's Statement of Compliance
- Designer's Restatement of Compliance

1. Permit Number: 3845-9010
2. Description/Name of Project: Heritage Flight Aviation Campus Expansion
3. Designer's Certification: Please complete the applicable lines below.

**I hereby certify to the best of my knowledge and in the exercise of my reasonable professional judgment that:**

- The stormwater collection, treatment and control system authorized by the permit described in #1 above was properly constructed in accordance with the permit. **[Complete this line for Initial Designer's Statement of Compliance ONLY, in addition complete below.]**

Check ONLY one of the following boxes:

- The most recently issued permit described in #1 is valid and construction has not yet commenced. [If this line is checked, this form may be completed by the Owner.]
- The stormwater collection, treatment and control system authorized by the permit described in #1 above is properly operating and maintained in accordance with the requirements of the permit.
- The stormwater collection, treatment and control system authorized by the permit described in #1 above is not operating properly and/or is not being maintained in accordance with the requirements of the permit. If so, please describe the operational and maintenance failures in detail below (or in an attachment if necessary):

4. If you checked the last box in #3 above, please provide a description of the steps that will be taken to bring the stormwater system back into compliance with the permit, and provide a schedule for taking such actions.

5. The failure to properly operate and maintain the stormwater collection, treatment and control system authorized in the permit described in #1 above constitutes a violation of state law and is subject to potential enforcement action by the Department of Environmental Conservation. Please take immediate steps to correct all violations.

**[INCOMPLETE FORMS WILL BE RETURNED]**

 9/30/2016

**Senior Project Engineer**

Title

Douglas M. Campbell, P.E., 55 Green Mtn Drive, So. Burlington, VT 05403

Print or Type Name and Address

**Jul 28 and Aug 9, 2016**

Date of Inspection

**(802) 864-0223 doug.campbell@stantec.com**

Designer's Contact Phone and/or Email

**Please mail this completed form to:**

**DEC – Watershed Management Division  
Stormwater Management Program  
1 National Life Drive, Main 2  
Montpelier, VT 05620-3522**

**or email to:** [anr.wsmdstormwatergeneral@state.vt.us](mailto:anr.wsmdstormwatergeneral@state.vt.us)

Additional information can be found at:  
<http://www.watershedmanagement.vt.gov/>  
802-828-1535

Permit Number 3845-9010  
Project ID Number EJ96-0386

VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
AUTHORIZATION TO DISCHARGE UNDER  
GENERAL PERMIT 3-9010

A determination has been made that the applicant:

City of Burlington, Burlington International Airport  
1200 Airport Drive, #1  
South Burlington, VT 05403

Impervious Area: 2.03 acres

meets the criteria necessary for inclusion under General Permit 3-9010. Hereinafter the named applicant shall be referred to as the permittee. Subject to the conditions of General Permit No. 3-9010, the permittee is authorized to discharge stormwater from Heritage Flight Aviation Campus Expansion project located at Burlington International Airport in South Burlington, Vermont to class 2 wetland contiguous with Muddy Brook as previously described in General Permit No. 3845-INDS.A:

*Manner of Discharge:*

- S/N 001: Runoff from roadways and rooftops is conveyed by a closed collection system to a 36" reinforced concrete pipe which conveys the flow to the wetland contiguous with Muddy Brook.
- S/N 002: Runoff from rooftop areas, including a green roof on Heritage Flight Hangar, is collected in a closed system and conveyed to a bioretention/detention basin for treatment and attenuation of peak flows. Stormwater is discharged from the basin into a stone-lined swale that runs along Eagle Drive. The stone lined swale conveys the runoff to POI #2. From POI #2, the runoff is conveyed underneath Eagle Drive to S/N 002 via an existing 24" pipe culvert.

The *Stormwater Site Balancing Procedure* was utilized to meet applicable treatment standards for this drainage area as follows: Runoff from additional existing impervious areas are provided treatment and detention to balance new impervious areas that discharge to S/N 001 and S/N 002 without treatment and detention.

Compliance with General Permit 3-9010 and this Authorization

The permittee shall comply with this authorization and all the terms and conditions of General Permit 3-9010, including the payment of annual operating fees to the Department. A billing statement for such fees will be sent to the permittee each year. The first year's statement is enclosed. Any permit non-compliance, including a failure to pay

the annual operating fee, constitutes a violation of 10 V.S.A. Chapter 47 and may be grounds for an enforcement action or revocation of this authorization to discharge.

#### Transferability

This authorization to discharge is not transferable to any person except in compliance with Part VI.D. of General Permit 3-9010. A copy of General Permit 3-9010 is available from the Department via the internet at

[http://www.vtwaterquality.org/stormwater/htm/sw\\_3-9010.htm](http://www.vtwaterquality.org/stormwater/htm/sw_3-9010.htm)

#### Changes to Permitted Development

In accordance with Part V.G. of General Permit 3-9010, the permittee shall notify the Department of any planned development or facility expansions or changes that may result in new or increased stormwater discharges. The Department shall determine the appropriateness of continued inclusion under General Permit 3-9010 by the modified development or facility.

#### Annual Inspection and Report

The stormwater collection, treatment and control system shall be properly operated. The permittee shall submit an annual inspection report on the operation, maintenance and condition of the stormwater collection, treatment and control system. The inspection report shall be submitted regardless of whether the project has been constructed. The inspection shall be conducted between the conclusion of spring snow melt and June 15th of each year and the inspection report shall be submitted to the Secretary by July 15th of each year, or by July 30th if performed by a utility or municipality pursuant to a duly adopted stormwater management ordinance. The inspection report shall note all problem areas and all measures taken to correct any problems and to prevent future problems.

#### Restatement of Compliance

Every 3 years, the permittee shall submit to the Department a written statement signed by a designer that the stormwater collection, treatment and control system authorized herein is properly operating and maintained. The first re-statement of compliance is due July 15, 2018. Failure to submit a designer's restatement of compliance shall constitute a violation of General Permit 3-9010 and may result in the revocation of this authorization to discharge. Forms for completing this requirement are available on the Stormwater Management Program's website.

Recording in Land Records: The permittee shall record a one-page notice of issuance of this discharge permit in the local land records within fourteen (14) days of issuance of this authorization to discharge on the form provided by the Secretary, per §18-312 of Stormwater Management Rule. The permittee shall provide a copy of the recording to the Stormwater Management Program within fourteen (14) days of the permittee's receipt of the copy of the recording from the local land records.

#### Renewable Energy Projects – Right to Appeal to Public Service Board:

If this decision relates to a renewable energy plant for which a certificate of public good is required under 30 V.S.A. §248, any appeal of this decision must be filed with the Vermont Public Service Board pursuant to 10 V.S.A. §8506. This section does not apply to a facility that is subject to 10 V.S.A. §1004 (dams before the Federal Energy

Regulatory Commission), 10 V.S.A. §1006 (certification of hydroelectric projects) or 10 V.S.A. Chapter 43 (dams). Any appeal under this section must be filed with the clerk of the Public Service Board within 30 days of the date of this decision. For further information, see the Public Service Board website at <http://psb.vermont.gov> or call (802) 828-2358. The address for the Public Service Board is 112 State Street Montpelier, Vermont 05620-2701.

All Other Projects - Right to Appeal to the Environmental Court

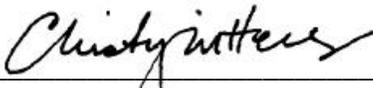
Pursuant to 10 V.S.A. Chapter 220, any appeal of this decision must be filed with the clerk of the Environmental Court within 30 days of the date of the decision. The appellant must attach to the Notice of Appeal the entry fee of \$250.00, payable to the state of Vermont. The Notice of Appeal must specify the parties taking the appeal and the statutory provision under which each party claims party status; must designate the act or decision appealed from; must name the Environmental Court; and must be signed by the appellant or their attorney. In addition, the appeal must give the address or location and description of the property, project or facility with which the appeal is concerned and the name of the applicant or any permit involved in the appeal. The appellant must also serve a copy of the Notice of Appeal in accordance with Rule 5(b)(4)(B) of the Vermont Rules for Environmental Court Proceedings. For further information, see the Vermont Rules for Environmental Court Proceedings, available on line at [www.vermontjudiciary.org](http://www.vermontjudiciary.org). The address for the Environmental Court is 32 Cherry Street, 2nd Floor Suite 303 Burlington, Vermont 05401 (Tel. # 802-951-1740).

Effective Date and Expiration Date of this Authorization

This authorization to discharge shall become effective on August 13, 2015 and shall continue until August 13, 2025. The permittee shall reapply for coverage at least sixty (60) days prior to August 13, 2025.

Dated this 13th day of August, 2015.

Alyssa Schuren, Commissioner  
Department of Environmental Conservation

By   
\_\_\_\_\_  
Christy Witters, Environmental Analyst  
Stormwater Management Program

**NOTICE OF ISSUANCE OF STORMWATER DISCHARGE PERMIT  
BY THE VERMONT DEPARTMENT OF ENVIRONMENTAL  
CONSERVATION**

Notice is hereby given that an individual stormwater discharge permit or an authorization to discharge pursuant to a general stormwater discharge permit has been issued by the Vermont Department of Environmental Conservation to Permittee(s) named herein for the discharge of stormwater runoff from impervious surfaces (e.g. roadways, rooftops, parking lots, walkways) pursuant to 10 V.S.A. Section 1264 for the property identified below. The permit/authorization requires treatment and control of stormwater runoff, long-term maintenance of the treatment and control structures and payment of yearly operational fees.

\*\*\*\*

Permittee(s): \_\_\_\_\_

Permit/Authorization Number: \_\_\_\_\_

911 Address of Property: \_\_\_\_\_

Name of condominium, subdivision or planned community association (if applicable):  
\_\_\_\_\_

Signature of Permittee or Authorized Representative: \_\_\_\_\_

Printed Name of Permittee or Authorized Representative: \_\_\_\_\_

Date of Signature: \_\_\_\_\_

\*\*\*\*

**Recording information:** Municipal clerks - please index this document listing the State of Vermont, Department of Environmental Conservation as "Grantee". Please index this document listing the above named Permittee(s) as "Grantor(s)". Additionally, if this notice lists the name of a condominium, subdivision or planned community association, please list the named association as an additional "Grantor".

**Please mail this stamped/recorded/completed form to:**

**DEC – Watershed Management Division  
Stormwater Management Program  
1 National Life Drive, Main 2  
Montpelier, VT 05620-3522**

**Or email to: [anr.wsmdstormwatergeneral@state.vt.us](mailto:anr.wsmdstormwatergeneral@state.vt.us)**

**BURLINGTON INTERNATIONAL AIRPORT**

**Permit No. 3028-9015.1 –  
Quarry Area Access Road**

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## MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Quarry Area Access Road, Burlington International Airport (BTV)
2. Location: Quarry Area Access Road, Burlington International Airport (BTV), 1200 Airport Drive #1, South Burlington, Vermont.
3. Stormwater Permit Number: 3028-9015.1
4. Current Permit Status: (Issued, Expired, Title 3) Issued November 20, 2012
5. Narrative Describing the Stormwater System: The Quarry Area Access Road includes 0.17 acre of impervious surface. This permit authorizes the discharge of treated stormwater runoff from the Quarry Area Access Road to groundwater in the Muddy Brook watershed.

Discharge locations include:

S/N 002 Stormwater runoff from the access road via overland sheet flow, disconnected in accordance with the Disconnection of Non-Rooftop Runoff Credit, discharging to groundwater in the Muddy Brook watershed.

- 
6. Current Compliance Status:
    - Compliant with previously issued state permit
    - Planned compliance within 24 mos; Estimated Compliance Date: -  
\_\_\_\_\_
    - Not constructed – plan for construction as part of FRP; Estimated construction schedule:  
\_\_\_\_\_
    - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule:  
\_\_\_\_\_

7. Plans (for expired permits, list plan numbers and attach):

Site plans and details by Stantec Consulting Services, Inc.

- Sheet 1, Existing Conditions Plan, dated 7/11/2012
- Sheet 2, Site Plan, dated 7/11/2012, and supporting information

8. Proof of Legal Responsibility (list and attach):

City of Burlington, Burlington International Airport (BTV)

**DESIGNER'S STATEMENT OF COMPLIANCE  
STATE STORMWATER DISCHARGE PERMIT**

Check One Below:

- Initial Designer's Statement of Compliance
- Designer's Restatement of Compliance

1. Permit Number: 3028-9015.1
2. Description/Name of Project: Quarry Area Access Road
3. Designer's Certification: Please complete the applicable lines below.

**I hereby certify to the best of my knowledge and in the exercise of my reasonable professional judgment that:**

- The stormwater collection, treatment and control system authorized by the permit described in #1 above was properly constructed in accordance with the permit. **[Complete this line for Initial Designer's Statement of Compliance ONLY, in addition complete below.]**

Check ONLY one of the following boxes:

- The most recently issued permit described in #1 is valid and construction has not yet commenced. [If this line is checked, this form may be completed by the Owner.]
- The stormwater collection, treatment and control system authorized by the permit described in #1 above is properly operating and maintained in accordance with the requirements of the permit.
- The stormwater collection, treatment and control system authorized by the permit described in #1 above is not operating properly and/or is not being maintained in accordance with the requirements of the permit. If so, please describe the operational and maintenance failures in detail below (or in an attachment if necessary):

4. If you checked the last box in #3 above, please provide a description of the steps that will be taken to bring the stormwater system back into compliance with the permit, and provide a schedule for taking such actions.

5. The failure to properly operate and maintain the stormwater collection, treatment and control system authorized in the permit described in #1 above constitutes a violation of state law and is subject to potential enforcement action by the Department of Environmental Conservation. Please take immediate steps to correct all violations.

**[INCOMPLETE FORMS WILL BE RETURNED]**

 9/30/2016

Senior Project Engineer

Title

Douglas M. Campbell, P.E., 55 Green Mtn Drive, So. Burlington, VT 05403

Print or Type Name and Address

May 23, 2016

Date of Inspection

(802) 864-0223 doug.campbell@stantec.com

Designer's Contact Phone and/or Email

**Please mail this completed form to:**

**DEC – Watershed Management Division  
Stormwater Management Program  
1 National Life Drive, Main 2  
Montpelier, VT 05620-3522**

**or email to:** [anr.wsmdstormwatergeneral@state.vt.us](mailto:anr.wsmdstormwatergeneral@state.vt.us)

Additional information can be found at:  
<http://www.watershedmanagement.vt.gov/>  
802-828-1535



Vermont Department of Environmental Conservation  
Watershed Management Division  
Main Building, Second Floor  
One National Life Drive  
Montpelier, VT 05620-3522

Agency of Natural Resources

(phone) 802-828-1535  
(fax) 802 828-1544

November 20, 2012

City of Burlington-Burlington International Airport  
c/o Heather Kendrew  
1200 Airport Drive, #1  
South Burlington, VT 05403

Re: Authorization to Discharge Permit No. 3028-9015.1  
Quarry Area Access Road

*D. Campbell*  
**RECEIVED**  
NOV 26 2012  
STANTEC  
SOUTH BURLINGTON, VT

Dear Ms. Kendrew:

Enclosed is your copy of an Authorization to Discharge pursuant to General Permit 3-9015, which has been signed by the Stormwater Program Manager of the Stormwater Management Section on behalf of the Commissioner of the Department of Environmental Conservation. This authorizes the discharge of treated stormwater runoff from impervious surfaces associated with your project.

Please read this authorization to discharge carefully and note the inspection and reporting requirements, and other operating conditions including payment of annual operating fees.

In addition, per the authorization, the permittee shall record a one page notice of issuance of this authorization in the local land records within fourteen (14) days of issuance of this authorization on the form provided. The permittee shall then provide a copy of the recording to the Stormwater Management Program, by submitting a copy of the recording from the local land records to this office within fourteen (14) days of the permittee's receipt of the recorded copy.

If you have any questions pertaining to this authorization, please contact the Stormwater Management Program's Environmental Analyst assigned to your district, or by email at [stormwater@state.vt.us](mailto:stormwater@state.vt.us). Additional Stormwater Management Program contact information and stormwater permitting information is available at [www.vtwaterquality.org](http://www.vtwaterquality.org).

Sincerely,

Stormwater Management Program

Enclosures

cc: ✓ Douglas M. Campbell, PE, Stantec Consulting Services, Inc.  
Peter Keibel, Act 250 District Coordinator, Essex Junction

Permit Number 3028-9015.1  
Project ID Number EJ96-0386

VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
AUTHORIZATION TO DISCHARGE UNDER  
GENERAL PERMIT 3-9015

A determination has been made that the applicant:

City of Burlington, Burlington International Airport  
1200 Airport Drive, #1  
South Burlington, VT 05403

Impervious Area: 0.17 acres

meets the criteria necessary for inclusion under General Permit 3- 9015. Hereinafter the named applicant shall be referred to as the permittee. Subject to the conditions of General Permit No. 3-9015, the permittee is authorized to discharge stormwater from Quarry Area Access Road located on 1200 Airport Drive, #1, in South Burlington, Vermont to groundwater in the Muddy Brook watershed.

*Manner of Discharge:*

*S/N 002: Stormwater runoff from proposed access road via overland sheet flow, disconnected in accordance with the Disconnection of Non-Rooftop Runoff Credit, discharging to groundwater in the Muddy Brook watershed.*

*Design:* This project shall be constructed and operated in accordance with the site plans and details designed by Stantec (Sheet 1, "Existing Conditions Plan," dated 7/11/2012; Sheet 2, "Site Plan," dated 7/11/2012; Sheet 3, ";; and supporting information).

By reference, the above noted plans are made part of this authorization.

Compliance with General Permit 3-9015 and this Authorization

The permittee shall comply with this authorization and all the terms and conditions of General Permit 3-9015, including the payment of annual operating fees to the Department. A billing statement for such fees will be sent to the permittee each year. The first year's statement is enclosed. Any permit non-compliance, including a failure to pay the annual operating fee, constitutes a violation of 10 V.S.A. Chapter 47 and may be grounds for an enforcement action or revocation of this authorization to discharge.

Transferability

This authorization to discharge is not transferable to any person except in compliance with Part VI.D. of General Permit 3-9015. A copy of General Permit 3-9015 is available from the Department via the internet at [http://www.anr.state.vt.us/dec/waterq/stormwater/docs/sw\\_3-9015-finalpermit.pdf](http://www.anr.state.vt.us/dec/waterq/stormwater/docs/sw_3-9015-finalpermit.pdf)

### Changes to Permitted Development

In accordance with Part V.G. of General Permit 3-9015, the permittee shall notify the Department of any planned development or facility expansions or changes that may result in new or increased stormwater discharges. The Department shall determine the appropriateness of continued inclusion under General Permit 3-9015 by the modified development or facility.

### Semi-Annual Inspection and Report

The stormwater collection, treatment and control system authorized herein shall be properly operated and maintained and shall be inspected at least twice per year, once in the spring after snowmelt and once in the fall prior to snow fall. The inspection shall evaluate the operation and maintenance and condition of the stormwater collection, treatment and control system. The permittee shall prepare a semiannual inspection report on a form available from the Department, which can be found on the Stormwater Management Program's website. The permittee shall, by November 1<sup>st</sup> and June 1<sup>st</sup> of each year, submit an inspection report to the Department.

### Restatement of Compliance

An initial statement of compliance, signed by a designer, must be submitted to the Stormwater Management Program no later than 6 months following completion of construction of the stormwater management system. Then, every 5 years, the permittee shall submit to the Department a written statement signed by a designer that the stormwater collection, treatment and control system authorized herein is properly operating and maintained. The first re-statement of compliance is due November 20, 2017. Failure to submit a designer's restatement of compliance shall constitute a violation of General Permit 3-9015 and may result in the revocation of this authorization to discharge. Forms for completing this requirement are available on the Stormwater Management Program's website.

Recording in Land Records: The permittee shall record a one-page notice of issuance of this discharge permit in the local land records within fourteen (14) days of issuance of this authorization to discharge on the form provided by the Secretary, per §18-312 of Stormwater Management Rule. The permittee shall provide a copy of the recording to the Stormwater Management Program within fourteen (14) days of the permittee's receipt of the copy of the recording from the local land records.

### Renewable Energy Projects – Right to Appeal to Public Service Board:

Any appeal of this decision must be filed with the clerk of the Vermont Public Service Board pursuant to 10 V.S.A. §8506 within 30 days of the date of this decision. The appellant must file with the Clerk an original and six copies of its appeal. The appellant shall provide notice of the filing of an appeal in accordance with 10 V.S.A. §8504(c)(2), and shall also serve a copy of the Notice of Appeal on the Vermont Department of Public Service. For information, see the Rules and General orders of the Public Service Board available on line at [www.psb.vermont.gov](http://www.psb.vermont.gov). The address for the Public Service Board is 112 State Street Montpelier, Vermont 05620-2701 (Tel. #802-828-2358).

All Other Projects – Right to Appeal to the Environmental Court

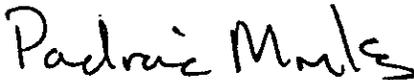
Pursuant to 10 V.S.A. Chapter 220, any appeal of this decision must be filed with the clerk of the Environmental Court within 30 days of the date of the decision. The appellant must attach to the Notice of Appeal the entry fee of \$250.00, payable to the state of Vermont. The Notice of Appeal must specify the parties taking the appeal and the statutory provision under which each party claims party status; must designate the act or decision appealed from; must name the Environmental Court; and must be signed by the appellant or their attorney. In addition, the appeal must give the address or location and description of the property, project or facility with which the appeal is concerned and the name of the applicant or any permit involved in the appeal. The appellant must also serve a copy of the Notice of Appeal in accordance with Rule 5(b)(4)(B) of the Vermont Rules for Environmental Court Proceedings. For further information, see the Vermont Rules for Environmental Court Proceedings, available on line at [www.vermontjudiciary.org](http://www.vermontjudiciary.org). The address for the Environmental Court is 2418 Airport Road, Suite 1, Barre, VT 05641 (Telephone #802-828-1660).

Effective Date and Expiration Date of this Authorization

This authorization to discharge shall become effective on November 20, 2012 and shall continue until November 20, 2022. The permittee shall reapply for coverage at least sixty (60) days prior to November 20, 2022.

Dated this 20<sup>th</sup> day of November, 2012.

David K. Mears, Commissioner  
Department of Environmental Conservation

By   
Padraic Monks, Stormwater Program Manager  
Stormwater Management Program

**NOTICE OF ISSUANCE OF STORMWATER DISCHARGE PERMIT  
BY THE VERMONT DEPARTMENT OF ENVIRONMENTAL  
CONSERVATION**

Notice is hereby given that an individual stormwater discharge permit or an authorization to discharge pursuant to a general stormwater discharge permit has been issued by the Vermont Department of Environmental Conservation to Permittee(s) named herein for the discharge of stormwater runoff from impervious surfaces (e.g. roadways, rooftops, parking lots, walkways) pursuant to 10 V.S.A. Section 1264 for the property identified below. The permit/authorization requires treatment and control of stormwater runoff, long-term maintenance of the treatment and control structures and payment of yearly operational fees.

\*\*\*\*\*

Permittee(s): \_\_\_\_\_

Permit/Authorization Number: \_\_\_\_\_

911 Address of Property: \_\_\_\_\_

Name of condominium, subdivision or planned community association (if applicable):  
\_\_\_\_\_

Signature of Permittee or Authorized Representative: \_\_\_\_\_

Printed Name of Permittee or Authorized Representative: \_\_\_\_\_

Date of Signature: \_\_\_\_\_

\*\*\*\*\*

**Recording information:** Municipal clerks - please index this document listing the State of Vermont, Department of Environmental Conservation as "Grantee". Please index this document listing the above named Permittee(s) as "Grantor(s)". Additionally, if this notice lists the name of a condominium, subdivision or planned community association, please list the named association as an additional "Grantor".

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**BURLINGTON INTERNATIONAL AIRPORT**

**Permit No. 3028-INDS.3 –  
Aircraft Sewage Receiving Station**

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## MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Aircraft Sewage Receiving Station, Burlington International Airport (BTV)
2. Location: Aircraft Sewage Receiving Station, Burlington International Airport (BTV), South Burlington, Vermont.
3. Stormwater Permit Number: 3028-INDS.3
4. Current Permit Status: (Issued, Expired, Title 3) Issued September 4, 2013
5. Narrative Describing the Stormwater System: The Aircraft Sewage Receiving Station includes 0.03 acre of impervious surface. This permit authorizes the discharge of treated stormwater runoff from the Aircraft Sewage Receiving Station to groundwater contiguous with the Potash Brook watershed.

Discharge locations include:

S/N 001 Stormwater runoff from rooftop drives/parking is conveyed to an underground infiltration trench system, discharging to groundwater contiguous with the Potash Brook watershed.

- 
6. Current Compliance Status:
    - Compliant with previously issued state permit
    - Planned compliance within 24 mos; Estimated Compliance Date: -  
\_\_\_\_\_
    - Not constructed – plan for construction as part of FRP; Estimated construction schedule:  
\_\_\_\_\_
    - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule:  
\_\_\_\_\_

7. Plans (for expired permits, list plan numbers and attach):

Site plans and details by Stantec Consulting Services, Inc.

- Drawing No.1, Overall Site Plan
- Drawing No. 1, Sheet 1 of 2, Pre-development Drainage Areas, dated 5/3/2013
- Drawing No. 2, Sheet 2 of 2, Post Development Drainage Areas, dated 5/3/2013
- Drawing No. G1, Sheet 1, Cover Sheet, dated 5/3/2013
- Drawing No. C1, Sheet 2, Site Plan, dated 5/3/2013
- Drawing No. C3, Sheet 5, Site Layout and Grading Plan, Dated 5/3/2013
- Drawing No. C4, Sheet 7, Utility Plan, dated 5/3/2013
- Drawing No C8A, Sheet 11, Civil/Site Details, dated 5/3/2013
- Drawing No. C8B, Sheet 12, Civil/Site Details, dated 5/3/2013
- Drawing No. C10, Sheet 14, Erosion Control Plan and Details, dated 5/3/2013
- Drawing No. A100, Sheet 17, Building Plan, Elevations and Details, dated 5/3/2013, and all supporting information.

8. Proof of Legal Responsibility (list and attach):

City of Burlington, Burlington International Airport (BTV)

**DESIGNER'S STATEMENT OF COMPLIANCE  
STATE STORMWATER DISCHARGE PERMIT**

Check One Below:

- Initial Designer's Statement of Compliance
- Designer's Restatement of Compliance

1. Permit Number: 3028-INDS.3
2. Description/Name of Project: Aircraft Sewage Receiving Station
3. Designer's Certification: Please complete the applicable lines below.

**I hereby certify to the best of my knowledge and in the exercise of my reasonable professional judgment that:**

- The stormwater collection, treatment and control system authorized by the permit described in #1 above was properly constructed in accordance with the permit. **[Complete this line for Initial Designer's Statement of Compliance ONLY, in addition complete below.]**

Check ONLY one of the following boxes:

- The most recently issued permit described in #1 is valid and construction has not yet commenced. [If this line is checked, this form may be completed by the Owner.]
- The stormwater collection, treatment and control system authorized by the permit described in #1 above is properly operating and maintained in accordance with the requirements of the permit.
- The stormwater collection, treatment and control system authorized by the permit described in #1 above is not operating properly and/or is not being maintained in accordance with the requirements of the permit. If so, please describe the operational and maintenance failures in detail below (or in an attachment if necessary):

4. If you checked the last box in #3 above, please provide a description of the steps that will be taken to bring the stormwater system back into compliance with the permit, and provide a schedule for taking such actions.

5. The failure to properly operate and maintain the stormwater collection, treatment and control system authorized in the permit described in #1 above constitutes a violation of state law and is subject to potential enforcement action by the Department of Environmental Conservation. Please take immediate steps to correct all violations.

**[INCOMPLETE FORMS WILL BE RETURNED]**

 9/30/2016

**Senior Project Engineer**

Title

Douglas M. Campbell, P.E. 55 Green Mtn Drive, So. Burlington, VT 05403

Print or Type Name and Address

**Aug 4, 2016**

Date of Inspection

**(802) 864-0223 doug.campbell@stantec.com**

Designer's Contact Phone and/or Email

**Please mail this completed form to:**

**DEC – Watershed Management Division  
Stormwater Management Program  
1 National Life Drive, Main 2  
Montpelier, VT 05620-3522**

**or email to:** [anr.wsmdstormwatergeneral@state.vt.us](mailto:anr.wsmdstormwatergeneral@state.vt.us)

Additional information can be found at:  
<http://www.watershedmanagement.vt.gov/>  
802-828-1535



VERMONT

*BTU Sewage Receiving Station  
195310775  
File, Jan, Doug, Harry*

Vermont Department of Environmental Conservation  
Watershed Management Division  
1 National Life Drive, Main 2  
Montpelier, VT 05620-3522

Agency of Natural Resources

(phone) 802-828-1535  
(fax) 802 828-1544

September 4, 2013

City of Burlington / Burlington International Airport  
Heather Kendrew  
1200 Airport Drive #1  
South Burlington, VT 05403

**RECEIVED**  
SEP 09 2013  
STANTEC  
SOUTH BURLINGTON, VT

**Re: Discharge Permit #3028-INDS.3**  
Aircraft Sewage Receiving Station

Dear Permittee:

Enclosed is your copy of Discharge Permit #3028-INDS.3. The permit authorizes the discharge of treated stormwater runoff from impervious surfaces associated with your project.

Please read this permit carefully and note the inspection, maintenance, and reporting requirements, and other operating conditions including operating fees.

In addition, per the authorization, the permittee shall record a one page-page notice of issuance of this discharge permit in the local land records within fourteen (14) days of issuance of this permit on the form provided. The permittee shall then provide a copy of the recording to the Stormwater Management Program within fourteen (14) days of the permittee's receipt of the copy of the recording from the local land records.

Since we did not receive any public comments during the notice period, the final permit is unchanged from the draft that was placed on public notice.

If you have any questions pertaining to this permit, please contact the Stormwater Management Program's Environmental Analyst assigned to your district. Additional Stormwater Management Program contact information and stormwater permitting information is available at <http://www.watershedmanagement.vt.gov/>.

Sincerely,

Stormwater Management Program

Enclosures

cc: ✓ Douglas M. Campbell, PE, Stantec Consulting Services, Inc.  
Peter Keibel, Act 250 District Coordinator, Essex Junction

STATE OF VERMONT  
AGENCY OF NATURAL RESOURCES  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

**STORMWATER DISCHARGE PERMIT**

STORMWATER RUNOFF TO WATERS OF THE STATE

In compliance with provisions of 10 V.S.A. §1264, the Stormwater Management Rule for Stormwater-Impaired Waters and in accordance with "Terms and Conditions" hereinafter specified,

City of Burlington, Burlington International Airport  
1200 Airport Drive, #1  
South Burlington, VT 05403

Impervious Area: 0.03 acres

the permittee, is hereby granted permission to discharge stormwater runoff from the Aircraft Sewage Receiving Station located at the Burlington International Airport in the Town of South Burlington, Vermont to groundwater contiguous with the Potash Brook watershed.

1. Expiration Date: Five years from issuance date of final permit. Note: This permit, unless revoked, modified or suspended, shall be valid until the designated expiration date notwithstanding any intervening change in water quality, effluent, or treatment standards, or classification of the receiving waters including groundwater. However, any such changed standard or classification, and any applicable requirement in a total maximum daily load (TMDL) for the receiving water, shall be applied in determining whether or not to renew this permit, and in determining the conditions of a renewed permit.

The permittee shall reapply for a renewed discharge permit ninety days prior to the expiration date of this permit.

2. Revocation: 10 V.S.A. §1267 provides as follows:

The Secretary may, after notice and opportunity for a public hearing, revoke, modify or suspend this permit if it is found that the permittee submitted false or inaccurate information in its application or has violated any requirement, restrictions, or condition of this permit, or if there is any change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge. The Secretary shall impose conditions as the Secretary deems necessary for regulating the discharges of a permittee whose permit has been revoked, modified or suspended. Revocation shall be effective upon actual notice thereof to the permittee.

3. Operating Fees: This discharge is subject to operating fees under 3 V.S.A. §2822. The permittee shall submit the operating fees to the Agency in accordance with procedures provided by the Secretary.
4. Recording in Land Records: The permittee shall record a one-page notice of issuance of this discharge permit in the local land records within fourteen (14) days of issuance of this permit on the form provided by the Secretary, per §22-312 of the Stormwater Management Rule for

Stormwater-Impaired Waters. A copy of this form is available on the Stormwater Management Program website. The permittee shall provide a copy of the recording to the Stormwater Management Program within fourteen (14) days of the permittee's receipt of the copy of the recording from the local land records.

5. Transfer of Permit: This permit is not transferable without prior written approval of the Secretary. Provided all applicable fees under 3 V.S.A. §2822 have been paid, a permittee may submit a notice of transfer to the Stormwater Management Program. The notice shall be submitted at least five (5) days prior to the proposed date of transfer. The notice shall state that the prospective permittee has adequate funding to comply with this permit. The permittee shall provide a copy of this permit to the new owner or tenant and inform him of the responsibility to make application for a permit which shall be issued in his name. Any failure to do so shall be considered a violation of this permit.
6. Right of Entry: The permittee shall allow the Secretary, or his or her authorized representatives, at reasonable times, upon presentation of credentials, to enter upon and inspect the permitted premises, and the stormwater collection, treatment and control system; and to sample any discharge to determine compliance with this permit; and to have access to and inspect and copy any records required to be kept pursuant to this permit.
7. Receiving Waters: Groundwater contiguous with the Potash Brook watershed.
8. Manner of Discharge:  
S/N 001: Stormwater runoff from rooftop drives/parking to an underground infiltration trench system, discharging to groundwater contiguous with the Potash Brook watershed.
9. Wastes Permitted: Stormwater runoff from S/N 001 of the Aircraft Sewage Receiving Station project after treatment from underground infiltration trench system.
10. Volumes Permitted and Frequency of Discharge: Such volumes and frequency as required by the discharge specified in #8 above.
11. Approved Project Design: This project shall be constructed and operated in accordance with the following site plans and details prepared by Stantec Consulting Service, Inc.:
  - Drawing No. 1, "Overall Site Plan;"
  - Drawing No. 1, Sheet 1 of 2, Pre-Development Drainage Areas, 5/03/13;
  - Drawing No. 2, Sheet 2 of 2, Post Development Drainage Areas, 5/03/13;
  - Drawing No. G1, Sheet 1, Cover Sheet, 5/03/13;
  - Drawing No. C1, Sheet 2, Site Plan, 5/03/13;
  - Drawing No. C3, Sheet 5, Site Layout and Grading Plan, 5/03/13;
  - Drawing No. C4, Sheet 7, Utility Plan, 5/03/13;
  - Drawing No. C8A, Sheet 11, Civil/Site Details, 5/03/13;
  - Drawing No. C8B, Sheet 12, Civil/Site Details, 5/03/13;
  - Drawing No. C10, Sheet 14, Erosion Control Plan and Details, 5/03/13;
  - Drawing No. A100, Sheet 17, Building Plan, Elevations and Details, 5/03/13;
  - and all supporting information

By reference, the above noted plans are made a part of this permit.

12. Inspection and Maintenance Reporting Requirements:

- a. The basins, grass channels, and related stormwater collection, treatment and control system shall be maintained in good operating condition at all times and **shall be inspected annually and cleaned as necessary to maintain design specifications. The inspections shall be conducted between the conclusion of spring snow melt and June 15<sup>th</sup> of each year.**
- b. Any sediment removed from the basins, grass channels, and related stormwater collection, treatment and control system shall be disposed of properly in accordance with state and federal statutes and regulations.
- c. **By July 15 of each year the permittee shall submit an annual inspection report to the Secretary; or by July 30 of each year if performed by a utility or municipality pursuant to a duly adopted stormwater management ordinance. Annual Inspection Reports shall be submitted to:**

Department of Environmental Conservation  
Watershed Management Division  
Stormwater Program  
1 National Life Drive, Main 2  
Montpelier, Vermont 05620-3522

Or by email to [anr.wsmdstormwatergeneral@state.vt.us](mailto:anr.wsmdstormwatergeneral@state.vt.us)

This report shall include, at a minimum items c.i. through c.vii. below. The permittee(s) may utilize the Annual Inspection Report form available from the Stormwater Program if determined by inspector to be sufficient to fully document inspection and maintenance of the authorized system.

- i. Unless previously submitted by the permittee(s) under a previously issued authorization or discharge permit, the first report shall include an inspection and designer's certification that the project was built in compliance with the Approved Project Design per #11 above;
- ii. A description of any vegetated areas that require mowing or other maintenance;
- iii. A description of any catch basins that require maintenance or sediment removed from sumps;
- iv. A description of any illicit discharges to the system (illicit discharges would include dumping of oil, gas, detergent, vehicle wash water, etc.) and corrective action/preventative measures taken if applicable;
- v. A description of any re-routing of stormwater to avoid the system;
- vi. A description of any erosion noted during inspection (i.e. areas of exposed soil in channels, outlets, or on pond berms);

- vii. A description of any cleaning, maintenance operations, or repairs needed to maintain design specifications, including a schedule for correction of any identified deficiencies;
  - d. Should any erosion problems occur, the permittee is required to immediately correct any such problems.
  - e. Any basins, grass channels, or related stormwater devices used during construction for erosion control shall be inspected and cleaned to design specifications immediately after construction has been completed.
13. Description of Required Offset: In order to meet the statutory standard for new discharges set forth in 10 V.S.A. §1264 and the Stormwater Management Rule for Stormwater-Impaired Waters, the permittee has demonstrated that the project will not increase the pollutant load over existing conditions. This has been accomplished by treatment of stormwater runoff from new and existing impervious surfaces through infiltration. The project achieves a net reduction in sediment loading to Potash Brook of 166 pounds per year.
14. Secretary's Determination: The Secretary has determined that this project meets the requirements of the Agency's 2002 Stormwater Management Manual and does not increase the sediment or hydrologic load of the receiving stormwater-impaired waters. The Secretary has determined that the proposed discharge will not reduce the quality of the receiving waters below the classification established for them.
15. Personnel and Training Requirements: Such personnel and training as necessary to fulfill the requirements of #12 above.
16. Monitoring and Reporting Requirement: No monitoring required; reporting requirement as specified in #12 above.
17. Other Requirements:
- a. Treated stormwater runoff is the only waste authorized for disposal under the terms and conditions of this permit. The discharge of any hazardous materials or hazardous waste into the stormwater management system is prohibited.
  - b. The issuance of this permit does not relieve the permittee from the responsibility to obtain any other local, state or federal permits required by law.
18. Compliance with Anti-degradation and Water Quality Standards: The Secretary has determined that the permitted discharges satisfy Vermont's Anti-degradation Policy provided in Section 1-03 of the Vermont Water Quality Standards and the Department of Environmental Conservation's Interim Anti-degradation Implementation Procedure because the applicant has demonstrated how the proposed development will implement practices and offset projects as necessary to ensure water quality is maintained in receiving waters. In particular, the applicant has demonstrated how the proposed development will implement appropriate best management practices (BMPs) designed in accordance with the requirements of the Vermont Stormwater Management Manual, Volume I and as necessary offset projects in accordance with Chapter 22: Stormwater Management Rule for Stormwater-Impaired Waters. These BMPs and offset projects where necessary will manage and mitigate the proposed stormwater discharge from the project such that no lowering of water quality is expected to occur in the receiving waters.

19. Renewable Energy Projects – Right to Appeal to Public Service Board:

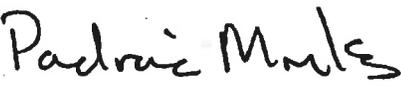
Any appeal of this decision must be filed with the clerk of the Vermont Public Service Board pursuant to 10 V.S.A. §8506 within 30 days of the date of this decision. The appellant must file with the Clerk an original and six copies of its appeal. The appellant shall provide notice of the filing of an appeal in accordance with 10 V.S.A. §8504(c)(2), and shall also serve a copy of the Notice of Appeal on the Vermont Department of Public Service. For information, see the Rules and General orders of the Public Service Board available on line at [www.psb.vermont.gov](http://www.psb.vermont.gov). The address for the Public Service Board is 112 State Street Montpelier, Vermont 05620-2701 (Tel. #802-828-2358).

All Other Projects – Right to Appeal to Environmental Court:

Pursuant to 10 V.S.A. Chapter 220, any appeal of this decision must be filed with the clerk of the Environmental Court within 30 days of the date of the decision. The Notice of Appeal must specify the parties taking the appeal and the statutory provision under which each party claims party status; must designate the act or decision appealed from; must name the Environmental Court; and must be signed by the appellant or their attorney. In addition, the appeal must give the address or location and description of the property, project or facility with which the appeal is concerned and the name of the applicant or any permit involved in the appeal. The appellant must also serve a copy of the Notice of Appeal in accordance with Rule 5(b)(4)(B) of the Vermont Rules for Environmental Court Proceedings. For further information, see the Vermont Rules for Environmental Court Proceedings, available online at [www.vermontjudiciary.org](http://www.vermontjudiciary.org) or call (802) 828-1660. The address for the Environmental Court is 2418 Airport Road, Suite 1, Barre, Vermont 05641.

20. Dated this 4<sup>th</sup> day of September, 2013

David K. Mears, Commissioner  
Department of Environmental Conservation

By   
Padraic Monks, Program Manager  
Stormwater Management Program

**NOTICE OF ISSUANCE OF STORMWATER DISCHARGE PERMIT  
BY THE VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

Notice is hereby given that an individual stormwater discharge permit or an authorization to discharge pursuant to a general stormwater discharge permit has been issued by the Vermont Department of Environmental Conservation to Permittee(s) named herein for the discharge of stormwater runoff from impervious surfaces (e.g. roadways, rooftops, parking lots, walkways) pursuant to 10 V.S.A. Section 1264 for the property identified below. The permit/authorization requires treatment and control of stormwater runoff, long-term maintenance of the treatment and control structures and payment of yearly operational fees.

\*\*\*\*\*

Permittee(s): \_\_\_\_\_

Permit/Authorization Number: \_\_\_\_\_

911 Address of Property: \_\_\_\_\_

Name of condominium, subdivision or planned community association (if applicable):  
\_\_\_\_\_

Signature of Permittee or Authorized Representative: \_\_\_\_\_

Printed Name of Permittee or Authorized Representative: \_\_\_\_\_

Date of Signature: \_\_\_\_\_

\*\*\*\*\*

**Recording information:** Municipal clerks - please index this document listing the State of Vermont, Department of Environmental Conservation as "Grantee". Please index this document listing the above named Permittee(s) as "Grantor(s)". Additionally, if this notice lists the name of a condominium, subdivision or planned community association, please list the named association as an additional "Grantor".

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**BURLINGTON INTERNATIONAL AIRPORT**

**Permit No. 3028-9015.2 –  
Construct, Mark, and Light Taxiway 'G'/'K'**

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## MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Construct, Mark, and Light Taxiway "G/K" (widening project), Burlington International Airport (BTV)
2. Location: Taxiway "G/K", Burlington International Airport (BTV), 1200 Airport Drive, South Burlington, Vermont.
3. Stormwater Permit Number: 3028-9015.2
4. Current Permit Status: (Issued, Expired, Title 3) Issued May 27, 2015
5. Narrative Describing the Stormwater System: Construct, Mark, and Light Taxiway "G/K" (widening project) includes 0.68 acre of impervious surface. This permit authorizes the discharge of stormwater runoff from Taxiway "G/K" Muddy Brook.

Discharge locations include:

S/N 001 Stormwater runoff from the widening of Taxiway "G/K" is conveyed via sheet flow to a disconnection area before draining to a closed system discharging directly to Muddy Brook. Note: This permit uses the Disconnection of Non-Rooftop Runoff credit to treat all of the new impervious. It is discharging to Muddy Brook that has a greater than 10 square mile drainage area.

6. Current Compliance Status:
  - Compliant with previously issued state permit
  - Planned compliance within 24 mos; Estimated Compliance Date: -  
\_\_\_\_\_
  - Not constructed – plan for construction as part of FRP; Estimated construction schedule:  
\_\_\_\_\_
  - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule:  
\_\_\_\_\_

7. Plans (for expired permits, list plan numbers and attach):

Site plans and details by Stantec Consulting Services, Inc.

- Sheet 1, Complete Taxiway "G/K" Project, dated 7/11/2014
- Sheet C.015, Layout Plan Sheet 1 of 2, dated 3/26/2015
- Sheet C.016, Layout Plan Sheet 2 of 2, dated 3/26/2015
- Sheet C.020, Grading Plan and Profile STA. 65+00-74+50, dated 3/26/2015
- Sheet C.021, Grading Plan and Profile STA. 73+50-84+00, dated 3/26/2015
- Sheet C.035, Typical Sections and Pavement Details, dated 3/26/2015
- Sheet C.040, Civil Details, dated 3/26/2015, and supporting information

8. Proof of Legal Responsibility (list and attach):

City of Burlington, Burlington International Airport (BTV)

**DESIGNER'S STATEMENT OF COMPLIANCE  
STATE STORMWATER DISCHARGE PERMIT**

Check One Below:

- Initial Designer's Statement of Compliance
- Designer's Restatement of Compliance

1. Permit Number: 3028-9015.2
2. Description/Name of Project: Construct, Mark and Light Taxiway "G"/"K"
3. Designer's Certification: Please complete the applicable lines below.

**I hereby certify to the best of my knowledge and in the exercise of my reasonable professional judgment that:**

- The stormwater collection, treatment and control system authorized by the permit described in #1 above was properly constructed in accordance with the permit. **[Complete this line for Initial Designer's Statement of Compliance ONLY, in addition complete below.]**

Check ONLY one of the following boxes:

- The most recently issued permit described in #1 is valid and construction has not yet commenced. [If this line is checked, this form may be completed by the Owner.]
- The stormwater collection, treatment and control system authorized by the permit described in #1 above is properly operating and maintained in accordance with the requirements of the permit.
- The stormwater collection, treatment and control system authorized by the permit described in #1 above is not operating properly and/or is not being maintained in accordance with the requirements of the permit. If so, please describe the operational and maintenance failures in detail below (or in an attachment if necessary):

4. If you checked the last box in #3 above, please provide a description of the steps that will be taken to bring the stormwater system back into compliance with the permit, and provide a schedule for taking such actions.

5. The failure to properly operate and maintain the stormwater collection, treatment and control system authorized in the permit described in #1 above constitutes a violation of state law and is subject to potential enforcement action by the Department of Environmental Conservation. Please take immediate steps to correct all violations.

**[INCOMPLETE FORMS WILL BE RETURNED]**

 9/30/2016 Senior Project Engineer  
Title

Douglas M. Campbell, P.E. 55 Green Mtn Drive, So. Burlington, VT 05403

Print or Type Name and Address

Sep 20, 2016

Date of Inspection

(802) 864-0223 doug.campbell@stantec.com

Designer's Contact Phone and/or Email

**Please mail this completed form to:**

**DEC – Watershed Management Division  
Stormwater Management Program  
1 National Life Drive, Main 2  
Montpelier, VT 05620-3522**

**or email to:** [anr.wsmdstormwatergeneral@state.vt.us](mailto:anr.wsmdstormwatergeneral@state.vt.us)

Additional information can be found at:  
<http://www.watershedmanagement.vt.gov/>  
802-828-1535

Permit Number 3028-9015.2  
Project ID Number EJ96-0386

VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
AUTHORIZATION TO DISCHARGE UNDER  
GENERAL PERMIT 3-9015

A determination has been made that the applicant:

City of Burlington, Burlington International Airport  
1200 Airport Drive, #1  
South Burlington, VT 05403

Impervious Area: 0.68 acres

meets the criteria necessary for inclusion under General Permit 3- 9015. Hereinafter the named applicant shall be referred to as the permittee. Subject to the conditions of General Permit No. 3-9015, the permittee is authorized to discharge stormwater from Construct, Mark and Light Taxiway "G"/"K" (widening project), located on 1200 Airport Drive in South Burlington, Vermont to Muddy Brook.

*Manner of Discharge:*

S/N 001: Stormwater runoff from the widening of Taxiway 'G'/'K' is conveyed via sheet flow to a disconnection area before draining to a closed system discharging directly to Muddy Brook.

Note: This permit uses the Disconnection of Non-Rooftop Runoff credit to treat all of the proposed new impervious. It is discharging to Muddy Brook that has a greater than 10 square mile drainage area.

*Design:* This project shall be constructed and operated in accordance with the site plans and details designed by Stantec Consulting Services, Inc. (Sheet 1, "Complete Taxiway "G"/"K" Project", dated 7/11/14; Sheet C.015 "Layout Plan Sheet 1 of 2", dated 3/26/15; Sheet C.016 "Layout Plan Sheet 2 of 2", dated 3/26/15; Sheet C.020 "Grading Plan and Profile STA. 65+00-74+50", dated 3/26/15; Sheet C.021 "Grading Plan and Profile STA. 73+50-84+00", dated 3/26/15; Sheet C.035 "Typical Sections and Pavement Details", dated 3/26/15; Sheet C.040 "Civil Details", dated 3/26/15; Sheet C.020 "Grading Plan and Profile STA. 65+00-74+50", dated 3/26/15; and supporting information).

By reference, the above noted plans are made part of this authorization.

Compliance with General Permit 3-9015 and this Authorization

The permittee shall comply with this authorization and all the terms and conditions of General Permit 3-9015, including the payment of annual operating fees to the Department. A billing statement for such fees will be sent to the permittee each year. The first year's statement is enclosed. Any permit non-compliance, including a failure to pay

the annual operating fee, constitutes a violation of 10 V.S.A. Chapter 47 and may be grounds for an enforcement action or revocation of this authorization to discharge.

#### Transferability

This authorization to discharge is not transferable to any person except in compliance with Part VI.D. of General Permit 3-9015. A copy of General Permit 3-9015 is available from the Department via the internet at

[http://www.anr.state.vt.us/dec/waterq/stormwater/docs/sw\\_3-9015-finalpermit.pdf](http://www.anr.state.vt.us/dec/waterq/stormwater/docs/sw_3-9015-finalpermit.pdf)

#### Changes to Permitted Development

In accordance with Part V.G. of General Permit 3-9015, the permittee shall notify the Department of any planned development or facility expansions or changes that may result in new or increased stormwater discharges. The Department shall determine the appropriateness of continued inclusion under General Permit 3-9015 by the modified development or facility.

#### Annual Inspection and Report

The stormwater collection, treatment and control system shall be properly operated. The permittee shall submit an annual inspection report on the operation, maintenance and condition of the stormwater collection, treatment and control system. The inspection report shall be submitted regardless of whether the project has been constructed. The inspection shall be conducted between the conclusion of spring snow melt and June 15th of each year and the inspection report shall be submitted to the Secretary by July 15th of each year, or by July 30th if performed by a utility or municipality pursuant to a duly adopted stormwater management ordinance. The inspection report shall note all problem areas and all measures taken to correct any problems and to prevent future problems.

#### Restatement of Compliance

An initial statement of compliance, signed by a designer, must be submitted to the Stormwater Management Program no later than 6 months following completion of construction of the stormwater management system. Additionally, every 5 years, the permittee shall submit to the Department a written statement signed by a designer that the stormwater collection, treatment and control system authorized herein is properly operating and maintained. The first re-statement of compliance is due July 15, 2020. The restatement of compliance shall be submitted regardless of whether the project has been constructed. Failure to submit a designer's restatement of compliance shall constitute a violation of General Permit 3-9015 and may result in the revocation of this authorization to discharge. Forms for completing this requirement are available on the Stormwater Management Program's website.

Recording in Land Records: The permittee shall record a one-page notice of issuance of this discharge permit in the local land records within fourteen (14) days of issuance of this authorization to discharge on the form provided by the Secretary, per §18-312 of Stormwater Management Rule. The permittee shall provide a copy of the recording to the Stormwater Management Program within fourteen (14) days of the permittee's receipt of the copy of the recording from the local land records.

Renewable Energy Projects – Right to Appeal to Public Service Board:

Any appeal of this decision must be filed with the clerk of the Vermont Public Service Board pursuant to 10 V.S.A. §8506 within 30 days of the date of this decision. The appellant must file with the Clerk an original and six copies of its appeal. The appellant shall provide notice of the filing of an appeal in accordance with 10 V.S.A. §8504(c)(2), and shall also serve a copy of the Notice of Appeal on the Vermont Department of Public Service. For information, see the Rules and General orders of the Public Service Board available on line at [www.psb.vermont.gov](http://www.psb.vermont.gov). The address for the Public Service Board is 112 State Street Montpelier, Vermont 05620-2701 (Tel. #802-828-2358).

All Other Projects – Right to Appeal to the Environmental Court

Pursuant to 10 V.S.A. Chapter 220, any appeal of this decision must be filed with the clerk of the Environmental Court within 30 days of the date of the decision. The appellant must attach to the Notice of Appeal the entry fee of \$250.00, payable to the state of Vermont. The Notice of Appeal must specify the parties taking the appeal and the statutory provision under which each party claims party status; must designate the act or decision appealed from; must name the Environmental Court; and must be signed by the appellant or their attorney. In addition, the appeal must give the address or location and description of the property, project or facility with which the appeal is concerned and the name of the applicant or any permit involved in the appeal. The appellant must also serve a copy of the Notice of Appeal in accordance with Rule 5(b)(4)(B) of the Vermont Rules for Environmental Court Proceedings. For further information, see the Vermont Rules for Environmental Court Proceedings, available on line at [www.vermontjudiciary.org](http://www.vermontjudiciary.org). The address for the Environmental Court is 32 Cherry Street, 2nd Floor Suite 303 Burlington, Vermont 05401 (Tel. # 802-951-1740).

Effective Date and Expiration Date of this Authorization

This authorization to discharge shall become effective on May 27, 2015 and shall continue until May 27, 2025. The permittee shall reapply for coverage at least sixty (60) days prior to May 27, 2025.

Dated this 27th day of May, 2015.

David K. Mears, Commissioner  
Department of Environmental Conservation

By   
Padraic Monks, Stormwater Program Manager  
Stormwater Management Program

**NOTICE OF ISSUANCE OF STORMWATER DISCHARGE PERMIT  
BY THE VERMONT DEPARTMENT OF ENVIRONMENTAL  
CONSERVATION**

Notice is hereby given that an individual stormwater discharge permit or an authorization to discharge pursuant to a general stormwater discharge permit has been issued by the Vermont Department of Environmental Conservation to Permittee(s) named herein for the discharge of stormwater runoff from impervious surfaces (e.g. roadways, rooftops, parking lots, walkways) pursuant to 10 V.S.A. Section 1264 for the property identified below. The permit/authorization requires treatment and control of stormwater runoff, long-term maintenance of the treatment and control structures and payment of yearly operational fees.

\*\*\*\*

Permittee(s): \_\_\_\_\_

Permit/Authorization Number: \_\_\_\_\_

911 Address of Property: \_\_\_\_\_

Name of condominium, subdivision or planned community association (if applicable):  
\_\_\_\_\_

Signature of Permittee or Authorized Representative: \_\_\_\_\_

Printed Name of Permittee or Authorized Representative: \_\_\_\_\_

Date of Signature: \_\_\_\_\_

\*\*\*\*

**Recording information:** Municipal clerks - please index this document listing the State of Vermont, Department of Environmental Conservation as "Grantee". Please index this document listing the above named Permittee(s) as "Grantor(s)". Additionally, if this notice lists the name of a condominium, subdivision or planned community association, please list the named association as an additional "Grantor".

**Please mail this stamped/recorded/completed form to:**

**DEC – Watershed Management Division  
Stormwater Management Program  
1 National Life Drive, Main 2  
Montpelier, VT 05620-3522**

**Or email to: [anr.wsmdstormwatergeneral@state.vt.us](mailto:anr.wsmdstormwatergeneral@state.vt.us)**

**BURLINGTON INTERNATIONAL AIRPORT**

**Permit No. 3845-9015.1 –  
Heritage Aviation Parking Lot**

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## MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Heritage Aviation Parking Lot, Burlington International Airport (BTV)
2. Location: Heritage Aviation Parking Lot, 228 Aviation Avenue, South Burlington, Vermont.
3. Stormwater Permit Number: 3845-9015.1
4. Current Permit Status: (Issued, Expired, Title 3) Issued August 25, 2015
5. Narrative Describing the Stormwater System: The Heritage Aviation Parking lot includes 1.18 acres of impervious surface. This permit authorizes the discharge of treated stormwater runoff from the Heritage Aviation Parking Lot to a wetland contiguous to Muddy Brook.

Discharge locations include:

S/N 001 Runoff originates from the impervious parking lot and sheet flows south across the lot and into a pretreatment area. Runoff then flows into two infiltration basins sized to detain the 10-year storm. The runoff is then infiltrated into the groundwater over a 24-hour period. Runoff from events greater than the 10-year storm pass through emergency spillways into existing ditches along the road and then into a 36" culvert under Eagle Drive.

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6. Current Compliance Status:

- Compliant with previously issued state permit
- Planned compliance within 24 mos; Estimated Compliance Date: -  
\_\_\_\_\_
- Not constructed – plan for construction as part of FRP; Estimated construction schedule:  
\_\_\_\_\_
- Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule:  
\_\_\_\_\_

7. Plans (for expired permits, list plan numbers and attach):

Site plans and details by Stantec Consulting Services, Inc.

- Existing Conditions, dated 5/8/2015
- Site Details, dated 5/8/2015
- Predevelopment Subwatershed Delineations, dated 5/8/2015
- Sheet C-103 Construction Plan, dated 5/8/2015 and revised 7/30/2015
- Sheet C-104 Post-development Subwatershed Delineations, dated 5/8/2015
- Sheet C-105 Proposed Conditions, dated 5/8/2015 and revised 7/30/2015

8. Proof of Legal Responsibility (list and attach):

City of Burlington, Burlington International Airport (BTV)

**DESIGNER'S STATEMENT OF COMPLIANCE  
STATE STORMWATER DISCHARGE PERMIT**

Check One Below:

- Initial Designer's Statement of Compliance
- Designer's Restatement of Compliance

1. Permit Number: 3845-9015.1
2. Description/Name of Project: Heritage Aviation Parking Lot
3. Designer's Certification: Please complete the applicable lines below.

**I hereby certify to the best of my knowledge and in the exercise of my reasonable professional judgment that:**

- The stormwater collection, treatment and control system authorized by the permit described in #1 above was properly constructed in accordance with the permit. **[Complete this line for Initial Designer's Statement of Compliance ONLY, in addition complete below.]**

Check ONLY one of the following boxes:

- The most recently issued permit described in #1 is valid and construction has not yet commenced. [If this line is checked, this form may be completed by the Owner.]
- The stormwater collection, treatment and control system authorized by the permit described in #1 above is properly operating and maintained in accordance with the requirements of the permit.
- The stormwater collection, treatment and control system authorized by the permit described in #1 above is not operating properly and/or is not being maintained in accordance with the requirements of the permit. If so, please describe the operational and maintenance failures in detail below (or in an attachment if necessary):

4. If you checked the last box in #3 above, please provide a description of the steps that will be taken to bring the stormwater system back into compliance with the permit, and provide a schedule for taking such actions.

5. The failure to properly operate and maintain the stormwater collection, treatment and control system authorized in the permit described in #1 above constitutes a violation of state law and is subject to potential enforcement action by the Department of Environmental Conservation. Please take immediate steps to correct all violations.

**[INCOMPLETE FORMS WILL BE RETURNED]**

 9/30/2016

**Senior Project Engineer**

Title

Douglas M. Campbell, P.E., 55 Green Mtn Drive, So. Burlington, VT 05403

Print or Type Name and Address

**See list at right:**

Site inspections: May 19; Jun 2, 16, 29; Jul 13, 28;  
and Aug 11, 2016

Date of Inspection

**(802) 864-0223 doug.campbell@stantec.com**

Designer's Contact Phone and/or Email

**Please mail this completed form to:**

**DEC – Watershed Management Division  
Stormwater Management Program  
1 National Life Drive, Main 2  
Montpelier, VT 05620-3522**

**or email to:** [anr.wsmdstormwatergeneral@state.vt.us](mailto:anr.wsmdstormwatergeneral@state.vt.us)

Additional information can be found at:  
<http://www.watershedmanagement.vt.gov/>  
802-828-1535

Permit Number 3845-9015.1  
Project ID Number EJ96-0386

VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
AUTHORIZATION TO DISCHARGE UNDER  
GENERAL PERMIT 3-9015

A determination has been made that the applicant:

City of Burlington, Burlington International Airport  
1200 Airport Drive, #1  
South Burlington, VT 05403

Impervious Area: 1.18 acres

meets the criteria necessary for inclusion under General Permit 3- 9015. Hereinafter the named applicant shall be referred to as the permittee. Subject to the conditions of General Permit No. 3-9015, the permittee is authorized to discharge stormwater from the Heritage Aviation Parking Lot located at 228 Aviation Ave, South Burlington, Vermont to a Wetland contiguous to Muddy Brook.

*Manner of Discharge:*

S/N 001: Runoff originates from the impervious parking lot and sheet flows south across the lot and into a pretreatment area. Runoff then flows into two infiltration basins sized to detain the 10-year storm. The runoff is then infiltrated into the ground water over a 24-hour period. Runoff from events greater than the 10 year storm will pass through emergency spillways into existing ditches along the road then into a 36" culvert under Eagle Drive.

*Design:* This project shall be constructed and operated in accordance with the site plans and details designed by Stantec, Inc. (Sheet "Existing Conditions," dated 5/8/2015; Sheet "Site Details," dated 5/8/2015; Sheet "Predevelopment Sub-watershed Delineations," dated 5/8/2015; Sheet C-103, "Construction Plan," dated 5/8/2015, revised 7/30/2015; Sheet C-104 "Post-development Sub-watershed Delineations," dated 5/8/2015; Sheet C-105, "Proposed Conditions," dated 5/8/2015, revised 7/30/2015; and all supporting information).

By reference, the above noted plans are made part of this authorization.

Compliance with General Permit 3-9015 and this Authorization

The permittee shall comply with this authorization and all the terms and conditions of General Permit 3-9015, including the payment of annual operating fees to the Department. A billing statement for such fees will be sent to the permittee each year. The first year's statement is enclosed. Any permit non-compliance, including a failure to pay the annual operating fee, constitutes a violation of 10 V.S.A. Chapter 47 and may be grounds for an enforcement action or revocation of this authorization to discharge.

### Transferability

This authorization to discharge is not transferable to any person except in compliance with Part VI.D. of General Permit 3-9015. A copy of General Permit 3-9015 is available from the Department via the internet at

[http://www.anr.state.vt.us/dec/waterq/stormwater/docs/sw\\_3-9015-finalpermit.pdf](http://www.anr.state.vt.us/dec/waterq/stormwater/docs/sw_3-9015-finalpermit.pdf)

### Changes to Permitted Development

In accordance with Part V.G. of General Permit 3-9015, the permittee shall notify the Department of any planned development or facility expansions or changes that may result in new or increased stormwater discharges. The Department shall determine the appropriateness of continued inclusion under General Permit 3-9015 by the modified development or facility.

### Annual Inspection and Report

The stormwater collection, treatment and control system shall be properly operated. The permittee shall submit an annual inspection report on the operation, maintenance and condition of the stormwater collection, treatment and control system. The inspection report shall be submitted regardless of whether the project has been constructed. The inspection shall be conducted between the conclusion of spring snow melt and June 15th of each year and the inspection report shall be submitted to the Secretary by July 15th of each year, or by July 30th if performed by a utility or municipality pursuant to a duly adopted stormwater management ordinance. The inspection report shall note all problem areas and all measures taken to correct any problems and to prevent future problems.

### Restatement of Compliance

An initial statement of compliance, signed by a designer, must be submitted to the Stormwater Management Program no later than 6 months following completion of construction of the stormwater management system. Additionally, every 3 years, the permittee shall submit to the Department a written statement signed by a designer that the stormwater collection, treatment and control system authorized herein is properly operating and maintained. The first re-statement of compliance is due July 15, 2018. The restatement of compliance shall be submitted regardless of whether the project has been constructed. Failure to submit a designer's restatement of compliance shall constitute a violation of General Permit 3-9015 and may result in the revocation of this authorization to discharge. Forms for completing this requirement are available on the Stormwater Management Program's website.

Recording in Land Records: The permittee shall record a one-page notice of issuance of this discharge permit in the local land records within fourteen (14) days of issuance of this authorization to discharge on the form provided by the Secretary, per §18-312 of Stormwater Management Rule. The permittee shall provide a copy of the recording to the Stormwater Management Program within fourteen (14) days of the permittee's receipt of the copy of the recording from the local land records.

### Renewable Energy Projects – Right to Appeal to Public Service Board:

Any appeal of this decision must be filed with the clerk of the Vermont Public Service Board pursuant to 10 V.S.A. §8506 within 30 days of the date of this decision. The appellant must file with the Clerk an original and six copies of its appeal. The appellant shall provide notice of the filing of an appeal in accordance with 10 V.S.A. §8504(c)(2),

and shall also serve a copy of the Notice of Appeal on the Vermont Department of Public Service. For information, see the Rules and General orders of the Public Service Board available on line at [www.psb.vermont.gov](http://www.psb.vermont.gov). The address for the Public Service Board is 112 State Street Montpelier, Vermont 05620-2701 (Tel. #802-828-2358).

All Other Projects – Right to Appeal to the Environmental Court

Pursuant to 10 V.S.A. Chapter 220, any appeal of this decision must be filed with the clerk of the Environmental Court within 30 days of the date of the decision. The appellant must attach to the Notice of Appeal the entry fee of \$250.00, payable to the state of Vermont. The Notice of Appeal must specify the parties taking the appeal and the statutory provision under which each party claims party status; must designate the act or decision appealed from; must name the Environmental Court; and must be signed by the appellant or their attorney. In addition, the appeal must give the address or location and description of the property, project or facility with which the appeal is concerned and the name of the applicant or any permit involved in the appeal. The appellant must also serve a copy of the Notice of Appeal in accordance with Rule 5(b)(4)(B) of the Vermont Rules for Environmental Court Proceedings. For further information, see the Vermont Rules for Environmental Court Proceedings, available on line at [www.vermontjudiciary.org](http://www.vermontjudiciary.org). The address for the Environmental Court is 32 Cherry Street, 2nd Floor Suite 303 Burlington, Vermont 05401 (Tel. # 802-951-1740).

Effective Date and Expiration Date of this Authorization

This authorization to discharge shall become effective on August 25, 2015 and shall continue until August 25, 2025. The permittee shall reapply for coverage at least sixty (60) days prior to August 25, 2025.

Dated this 25th day of August, 2015.

Alyssa Schuren, Commissioner  
Department of Environmental Conservation

By \_\_\_\_\_  
Padraic Monks, Stormwater Program Manager  
Stormwater Management Program

**NOTICE OF ISSUANCE OF STORMWATER DISCHARGE PERMIT  
BY THE VERMONT DEPARTMENT OF ENVIRONMENTAL  
CONSERVATION**

Notice is hereby given that an individual stormwater discharge permit or an authorization to discharge pursuant to a general stormwater discharge permit has been issued by the Vermont Department of Environmental Conservation to Permittee(s) named herein for the discharge of stormwater runoff from impervious surfaces (e.g. roadways, rooftops, parking lots, walkways) pursuant to 10 V.S.A. Section 1264 for the property identified below. The permit/authorization requires treatment and control of stormwater runoff, long-term maintenance of the treatment and control structures and payment of yearly operational fees.

\*\*\*\*

Permittee(s): \_\_\_\_\_

Permit/Authorization Number: \_\_\_\_\_

911 Address of Property: \_\_\_\_\_

Name of condominium, subdivision or planned community association (if applicable):  
\_\_\_\_\_

Signature of Permittee or Authorized Representative: \_\_\_\_\_

Printed Name of Permittee or Authorized Representative: \_\_\_\_\_

Date of Signature: \_\_\_\_\_

\*\*\*\*

**Recording information:** Municipal clerks - please index this document listing the State of Vermont, Department of Environmental Conservation as "Grantee". Please index this document listing the above named Permittee(s) as "Grantor(s)". Additionally, if this notice lists the name of a condominium, subdivision or planned community association, please list the named association as an additional "Grantor".

**Please mail this stamped/recorded/completed form to:**

**DEC – Watershed Management Division  
Stormwater Management Program  
1 National Life Drive, Main 2  
Montpelier, VT 05620-3522**

**Or email to: [anr.wsmdstormwatergeneral@state.vt.us](mailto:anr.wsmdstormwatergeneral@state.vt.us)**

**BURLINGTON INTERNATIONAL AIRPORT**

**Permit No. 3028-INDS.4 –  
BTV Consolidated Car Rental Facility**

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## MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name:   BTV Consolidated Car Rental Facility, Burlington International Airport (BTV)
2. Location:   BTV Consolidated Car Rental Facility, 1376 Airport Drive, South Burlington, Vermont 05403.
3. Stormwater Permit Number:   3028-INDS.4
4. Current Permit Status: (Issued, Expired, Title 3)   Issued July 19, 2016
5. Narrative Describing the Stormwater System:   The BTV Consolidated Car Rental Facility includes 2.68 acres of impervious surface. This permit authorizes the discharge of treated stormwater runoff from the BTV Consolidated Car Rental Facility to an unnamed tributary of the Winooski River.

Discharge locations include:

S/N 001 Stormwater runoff from impervious surfaces associated with the new rental car lot, the new fuel dispensary, and the new car wash/maintenance building is conveyed via catch basins with integral "Snout" outlet hood, to a Stormceptor pretreatment system and subsurface infiltration systems discharging to groundwater within the Winooski River watershed. Additional runoff area associated with hotspot areas are isolated from the infiltration system and discharged via catch basins and trench drains via an oil water separator to an unnamed tributary of the Winooski River.

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6. Current Compliance Status:
  - Compliant with previously issued state permit
  - Planned compliance within 24 mos; Estimated Compliance Date: \_\_\_\_\_
  - Not constructed – plan for construction as part of FRP; Estimated construction schedule: **During Year 2017.**
  - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule:

7. Plans (for expired permits, list plan numbers and attach):

Site plans and details by Stantec Consulting Services, Inc.

- Sheet SW-01, Predevelopment Drainage Plan, dated 3/31/2016
- Sheet SW-02, Post Development Drainage Plan, dated 3/31/2016
- Sheet SW-03, Water Quality Volume Plan, dated 3/31/2016
- Sheets C-601/C-604, Civil/Site details, dated 3/31/2016
- Sheet C-002, Existing Conditions Plan, dated 3/31/2016
- Sheet C-201, Grading Plan, dated 3/31/2016
- Sheet C-301, Utility Plan, dated 3/31/2016
- Sheet C-302, Pipe and Structural Tables, dated 3/31/2016

8. Proof of Legal Responsibility (list and attach):

City of Burlington, Burlington International Airport (BTV)

**DESIGNER'S STATEMENT OF COMPLIANCE  
STATE STORMWATER DISCHARGE PERMIT**

Check One Below:

Initial Designer's Statement of Compliance

To date, construction has not commenced. See below.

Designer's Restatement of Compliance

1. Permit Number: \_\_\_\_\_
2. Description/Name of Project: \_\_\_\_\_
3. Designer's Certification: Please complete the applicable lines below.

**I hereby certify to the best of my knowledge and in the exercise of my reasonable professional judgment that:**

The stormwater collection, treatment and control system authorized by the permit described in #1 above was properly constructed in accordance with the permit. **[Complete this line for Initial Designer's Statement of Compliance ONLY, in addition complete below.]**

Check ONLY one of the following boxes:

The most recently issued permit described in #1 is valid and construction has not yet commenced. [If this line is checked, this form may be completed by the Owner.]

The stormwater collection, treatment and control system authorized by the permit described in #1 above is properly operating and maintained in accordance with the requirements of the permit.

The stormwater collection, treatment and control system authorized by the permit described in #1 above is not operating properly and/or is not being maintained in accordance with the requirements of the permit. If so, please describe the operational and maintenance failures in detail below (or in an attachment if necessary):

4. If you checked the last box in #3 above, please provide a description of the steps that will be taken to bring the stormwater system back into compliance with the permit, and provide a schedule for taking such actions.

5. The failure to properly operate and maintain the stormwater collection, treatment and control system authorized in the permit described in #1 above constitutes a violation of state law and is subject to potential enforcement action by the Department of Environmental Conservation. Please take immediate steps to correct all violations.

**[INCOMPLETE FORMS WILL BE RETURNED]**

*Douglas M. Campbell* 9/30/2016

\_\_\_\_\_  
Title

\_\_\_\_\_  
Print or Type Name and Address

\_\_\_\_\_  
Date of Inspection

\_\_\_\_\_  
Designer's Contact Phone and/or Email

**Please mail this completed form to:**

**DEC – Watershed Management Division  
Stormwater Management Program  
1 National Life Drive, Main 2  
Montpelier, VT 05620-3522**

**or email to:** [anr.wsmdstormwatergeneral@state.vt.us](mailto:anr.wsmdstormwatergeneral@state.vt.us)

Additional information can be found at:  
<http://www.watershedmanagement.vt.gov/>  
802-828-1535

STATE OF VERMONT  
AGENCY OF NATURAL RESOURCES  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

**STORMWATER DISCHARGE PERMIT**

STORMWATER RUNOFF TO WATERS OF THE STATE

In compliance with provisions of 10 V.S.A. §1264, and in accordance with "Terms and Conditions" hereinafter specified,

City of Burlington, Burlington International Airport  
1200 Airport Drive, #1  
South Burlington, VT 05403

Impervious Area: 2.68 acres

the permittee, is hereby granted permission to discharge stormwater runoff from BTV Consolidated Rental Car Facility located at 1376 Airport Drive in South Burlington, Vermont to an unnamed tributary of the Winooski River.

1. Expiration Date: Five years from issuance date of final permit. Note: This permit, unless revoked, modified or suspended, shall be valid until the designated expiration date not withstanding any intervening change in water quality, effluent, or treatment standards, or classification of the receiving waters including groundwater. However, any such changed standard or classification, and any applicable requirement in a total maximum daily load (TMDL), shall be applied in determining whether or not to renew this permit, and in determining the conditions of a renewed permit.

The permittee shall reapply for a renewed discharge permit ninety days prior to the expiration date of this permit.

2. Revocation: 10 V.S.A. §1267 provides as follows:  
The Secretary may, after notice and opportunity for a public hearing, revoke, modify or suspend this permit if it is found that the permittee submitted false or inaccurate information in its application or has violated any requirement, restrictions, or condition of this permit, or if there is any change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge. The Secretary shall impose conditions as the Secretary deems necessary for regulating the discharges of a permittee whose permit has been revoked, modified or suspended. Revocation shall be effective upon actual notice thereof to the permittee.
3. Operating Fees: This discharge is subject to operating fees under 3 V.S.A. §2822. The permittee shall submit the operating fees to the Agency in accordance with procedures provided by the Secretary.
4. Recording in Land Records: The permittee shall record a one-page notice of issuance of this discharge permit in the local land records within fourteen (14) days of issuance of this permit

on the form provided by the Secretary, per §22-312 of the Stormwater Management Rule for Stormwater-Impaired Waters and §18-312 of the Stormwater Management Rule. A copy of this form is available on the Stormwater Management Program website. The permittee shall provide a copy of the recording to the Stormwater Management Program within fourteen (14) days of the permittee's receipt of the copy of the recording from the local land records.

5. Transfer of Permit: This permit is not transferable without prior written approval of the Secretary. Provided all applicable fees under 3 V.S.A. §2822 have been paid, a permittee may submit a notice of transfer to the Stormwater Management Program. The notice shall be submitted at least five (5) days prior to the proposed date of transfer. The notice shall state that the prospective permittee has adequate funding to comply with this permit. The permittee shall provide a copy of this permit to the new owner or tenant and inform him of the responsibility to make application for a permit which shall be issued in his name. Any failure to do so shall be considered a violation of this permit.
  
6. Right of Entry: The permittee shall allow the Secretary, or his or her authorized representatives, at reasonable times, upon presentation of credentials, to enter upon and inspect the permitted premises, and the stormwater collection, treatment and control system; and to sample any discharge to determine compliance with this permit; and to have access to and inspect and copy any records required to be kept pursuant to this permit.
  
7. Receiving Waters: Unnamed Tributary to the Winooski River
  
8. Manner of Discharge:  
 S/N 001: Stormwater runoff from impervious surfaces associated with the new rental car lot, the new fuel dispensary and the new car wash/maintenance building is conveyed via catch basins with integral “Snout” outlet hood, to a Stormceptor pretreatment system and subsurface infiltration systems discharging to groundwater within the Winooski River Watershed. Additional runoff areas associated with hotspot areas are isolated from the infiltration system and discharged via catch basins and trench drains via an oil water separator to an unnamed tributary of the Winooski River.
  
9. Wastes Permitted: Stormwater runoff from the above named areas of the project herein after treatment as specified in the manner of discharge.
  
10. Volumes Permitted and Frequency of Discharge: Such volumes and frequency as required by the discharge specified in the manner of discharge above.
  
11. Approved Project Design: This project shall be constructed and operated in accordance with the following site plans and details and supporting information prepared by Stantec, Inc. By reference, the following plans are made a part of this permit.

Sheet No.	Sheet Title	Date Created
SW-01	Predevelopment Drainage Plan	03/31/2016
SW-02	Post Development Drainage Plan	03/31/2016
SW-03	Water Quality Volume Plan	03/31/2016
C-601&C-604	Civil/Site details	03/31/2016
C-002	Existing Conditions Plan	03/31/2016
C-201	Grading Plan	03/31/2016
C-301	Utility Plan	03/31/2016

C-302	Pipe and Structural Tables	03/31/2016
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12. Inspection and Maintenance Reporting Requirements:

- a. The stormwater collection, treatment and control system, shall be maintained in good operating condition at all times and **shall be inspected annually and cleaned as necessary to maintain design specifications. The inspections shall be conducted between the conclusion of spring snow melt and June 15<sup>th</sup> of each year.**
- b. Any sediment removed from the stormwater collection, treatment and control system shall be disposed of properly in accordance with state and federal statutes and regulations.
- c. **By July 15 of each year the permittee shall submit an annual inspection report to the Secretary; or by July 30 of each year if performed by a utility or municipality pursuant to a duly adopted stormwater management ordinance. Annual Inspection Reports shall be submitted to:**

**DEC – Watershed Management Division**  
Stormwater Program  
1 National Life Drive, Main 2  
Montpelier, Vermont 05620-3522

Or by email to [anr.wsmdstormwatergeneral@state.vt.us](mailto:anr.wsmdstormwatergeneral@state.vt.us)

This report shall include, at a minimum items c.i. through c.vii. below. The permittee(s) may utilize the Annual Inspection Report form available from the Stormwater Program if determined by inspector to be sufficient to fully document inspection and maintenance of the authorized system.

- i. Unless previously submitted by the permittee(s) under a previously issued authorization or discharge permit, the first report shall include an inspection and designer's certification that the project was built in compliance with the Approved Project Design;
- ii. A description of any vegetated areas that require mowing or other maintenance;
- iii. A description of any catch basins that require maintenance or sediment removed from sumps;
- iv. A description of any illicit discharges to the system (illicit discharges would include dumping of oil, gas, detergent, vehicle wash water, etc.) and corrective action/preventative measures taken if applicable;
- v. A description of any re-routing of stormwater to avoid the system;
- vi. A description of any erosion noted during inspection (i.e. areas of exposed soil in channels, outlets, or on pond berms);
- vii. A description of any cleaning, maintenance operations, or repairs needed to

maintain design specifications, including a schedule for correction of any identified deficiencies;

- d. Should any erosion problems occur; the permittee is required to immediately correct any such problems.
  - e. Any basins, grass channels, or related stormwater devices used during construction for erosion control shall be inspected and cleaned to design specifications immediately after construction has been completed.
13. Personnel and Training Requirements: Such personnel and training as necessary to fulfill the requirements of the Inspection and Maintenance Reporting above.
14. Monitoring and Reporting Requirement: No monitoring required; reporting requirement as specified in the Inspection and Maintenance Reporting above.
15. Other Requirements:
- a. Treated stormwater runoff is the only waste authorized for disposal under the terms and conditions of this permit. The discharge of any hazardous materials or hazardous waste into the stormwater management system is prohibited.
  - b. The issuance of this permit does not relieve the permittee from the responsibility to obtain any other local, state or federal permits required by law.
16. Compliance with Anti-degradation and Water Quality Standards: The Secretary has determined that the permitted discharges satisfy Vermont's Anti-Degradation Policy described in the Department of Environmental Conservation's Interim Anti-Degradation Implementation Procedure, because the procedure allows a presumption of compliance for discharges that are in compliance with the Vermont Stormwater Management Manual and any additional best management practices that will be used to control the stormwater discharge as described in Section IX.D.1.d of the Department's Interim Anti-Degradation Implementation Procedure. The Secretary has also determined that for such discharges that qualify for the presumption under IX.D.1.d, all existing uses of surface waters, and the level of water quality necessary to protect those existing uses will be maintained and protected. The Secretary has determined that if the permittee is in full compliance with all permit conditions, including approved plans, monitoring, reporting and recordkeeping conditions, and is fully implementing stormwater BMPs required by this permit, the permitted discharges will meet the requirements of the Vermont Stormwater Management Manual and qualify for the presumption described in Section IX.D.1.d of the Department's Interim Anti-Degradation Implementation Procedure and will be presumed to comply with the Vermont Water Quality Standards, including but not limited to §1-03 (Anti-degradation Policy).
17. Renewable Energy Projects – Right to Appeal to Public Service Board: Any appeal of this decision must be filed with the clerk of the Vermont Public Service Board pursuant to 10 V.S.A. §8506 within 30 days of the date of this decision. The appellant must file with the Clerk an original and six copies of its appeal. The appellant shall provide notice of the filing of an appeal in accordance with 10 V.S.A. §8504(c)(2), and shall also serve a copy of the Notice of Appeal on the Vermont Department of Public Service. For information, see the Rules and General orders of the Public Service Board available on line at [www.psb.vermont.gov](http://www.psb.vermont.gov). The address for the Public Service Board is 112 State Street Montpelier, Vermont 05620-2701 (Tel. #802-828-

2358).

18. All Other Projects – Right to Appeal to Environmental Court: Pursuant to 10 V.S.A. Chapter 220, any appeal of this decision must be filed with the clerk of the Environmental Court within 30 days of the date of the decision. The Notice of Appeal must specify the parties taking the appeal and the statutory provision under which each party claims party status; must designate the act or decision appealed from; must name the Environmental Court; and must be signed by the appellant or their attorney. In addition, the appeal must give the address or location and description of the property, project or facility with which the appeal is concerned and the name of the applicant or any permit involved in the appeal. The appellant must also serve a copy of the Notice of Appeal in accordance with Rule 5(b)(4)(B) of the Vermont Rules for Environmental Court Proceedings. For further information, see the Vermont Rules for Environmental Court Proceedings, available online at [www.vermontjudiciary.org](http://www.vermontjudiciary.org) or call (802) 951-1740. The address for the Environmental Court is 32 Cherry Street, 2nd Floor Suite 303 Burlington, Vermont 05401.

19. Dated this 19th day of July, 2016

Alyssa B. Schuren, Commissioner  
Department of Environmental Conservation

By Padraic Monks  
Padraic Monks, Program Manager  
Stormwater Management Program

**NOTICE OF ISSUANCE OF STORMWATER DISCHARGE PERMIT  
BY THE VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

Notice is hereby given that an individual stormwater discharge permit or an authorization to discharge pursuant to a general stormwater discharge permit has been issued by the Vermont Department of Environmental Conservation to Permittee(s) named herein for the discharge of stormwater runoff from impervious surfaces (e.g. roadways, rooftops, parking lots, walkways) pursuant to 10 V.S.A. Section 1264 for the property identified below. The permit/authorization requires treatment and control of stormwater runoff, long-term maintenance of the treatment and control structures and payment of yearly operational fees.

\*\*\*\*

Permittee(s): City of Burlington, Burlington International Airport

Permit/Authorization Number: 3028-INDS.4

911 Address of Property: 1376 Airport Drive

Name of condominium, subdivision or planned community association (if applicable):  
\_\_\_\_\_

Signature of Permittee or Authorized Representative: \_\_\_\_\_

Printed Name of Permittee or Authorized Representative: \_\_\_\_\_

Date of Signature: \_\_\_\_\_

\*\*\*\*

**Recording information:** Municipal clerks - please index this document listing the State of Vermont, Department of Environmental Conservation as “Grantee”. Please index this document listing the above named Permittee(s) as “Grantor(s)”. Additionally, if this notice lists the name of a condominium, subdivision or planned community association, please list the named association as an additional “Grantor”.

**Please mail this stamped/recorded/completed form to:**

**DEC – Watershed Management Division  
Stormwater Management Program  
1 National Life Drive, Main 2  
Montpelier, VT 05620-3522**

**Or email to:** [anr.wsmdstormwatergeneral@vermont.gov](mailto:anr.wsmdstormwatergeneral@vermont.gov)

## MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Redirect Airfield Drainage to North Outfall
2. Location: City of Burlington, Burlington International Airport (BTV). The system is located on the east and westerly sides of Runway 1-19, a segment of Taxiway 'Alpha', a portion of the Beacon Ramp, South Perimeter Road, Aviation Avenue (formerly known as Army Guard Road), and the Maintenance/Snow Removal Equipment Building.
3. Stormwater Permit Number: Permit Number 1-0839
4. Current Permit Status: (Issued, Expired, Title 3) Expired March 31, 1995
5. Narrative Describing the Stormwater System: BTV's Permit 1-0839 authorizes the discharge of stormwater runoff from paved runway, taxiway, apron, road and parking areas, via a network of catch basins and storm drains located along both sides of the southerly portion of Runway 1-19 south of Taxiway 'Bravo', including a portion of Taxiway 'Alpha' the Beacon Ramp, to an underground infiltration system. Other runoff areas include the paved South Perimeter Road, parking areas and roofs for the Maintenance/Snow Removal Equipment Building, Aviatron Building, and Aviation Avenue (formerly known as Army Guard Road).

Discharge locations include:

**S/N 001 and S/003 have been incorporated into other Stormwater Discharge Permits. S/N 003 remains the only remaining component of Permit No. 1-0839.**

**S/N 001: Via a network of catch basins and storm drains, through a rip-rapped outlet, prior to discharge to an unnamed tributary of the Winooski River. The drainage network includes grass-lined swales, a trench drain on the terminal apron, some leaching catch basins, an oil/water separator, and a section of perforated storm drain pipe. This portion of the permit (S/N 001) has been re-permitted and is now covered under Permit No. 3028-9010.A, S/N 001, BTV's Master Permit.**

**S/N 002: Via overland flow across vegetated terrain to a network of catch basins, through perforated storm drains, including a series of lateral exfiltrating underdrains, to a rip-rapped outlet, prior to discharge to an unnamed wetland, which discharges to a tributary of Potash Brook.**

S/N 003: Via overland flow across vegetated terrain to a network of catch basins, through perforated storm drains to a rip-rapped outlet, prior to discharge to an unnamed tributary of Potash Brook. This portion of the permit (S/N 003) has been re-permitted and is now covered by Permit No. 3028-INDS.AR, Reconstruct TW B & C; Relocate TW J; Construct TW G (Potash Brook Discharge.)

6. Current Compliance Status:

- Compliant with previously issued state permit
- Planned compliance within 24 mos; Estimated Compliance Date: \_\_\_\_\_
- Not constructed – plan for construction as part of FRP; Estimated construction schedule: \_\_\_\_\_
- Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: \_\_\_\_\_

7. Plans (for expired permits, list plan numbers and attach):

For details on the treatment and conveyance of stormwater runoff for this permit, see the following plans and details:

- a. Plans entitled *Burlington International Airport, Relocate, Mark and Light a Portion of the Taxiway 'A' South, Construct Mark and Light Taxiway 'G3', Light Taxiways 'A' North, 'I', 'J' and 'C'*, AIP No. 3-50-0005-15 dated January and March 1990 as prepared by Hoyle, Tanner & Associates, Inc.
- b. Plans entitled *Burlington International Airport, Maintenance / Snow Removal Equipment Building Expansion* dated May, 1991 as prepared by Webster Martin, Inc.
- c. Plans entitled *Burlington International Airport, Reconstruct, Mark and Light Runway 1-19 (Approximately 2900' x 75')*, AIP No. 3-50-0005-22 dated May 1993 as prepared by Hoyle, Tanner & Associates, Inc.
- d. Plans entitled *Burlington International Airport, New South Perimeter Road and Rehabilitation of the Army Guard Road*, AIP No. 3-50-0005-25 dated August 12, 1993 as prepared by Webster Martin, Inc.

Note: Copies of all plans noted above were previously submitted to VT. DEC on September 30, 2015 as prepared by Stantec Consulting Services, Inc., for the South Burlington Stormwater Utility and as documented in the *BTV Stormwater Utility Credit Analysis* dated February 22, 2013.

Plans that are unavailable as noted in the referenced permit include:

- i. Hoyle, Tanner, and Associates dated 1983

- ii. Wiemann-Lamphere, Architects, dated September 1985
- iii. Hoyle, Tanner, and Associates dated August 1986
- iv. Hoyle, Tanner, and Associates dated February 1989

**Listing of Plans from Upland Watersheds**

- a. Related plans that discharge into the Permit 1-0839 system include *Parallel Taxiway 'G' and Taxiway 'C' Record Drawings, AIP No. 3-50-0005-075 & 080* dated December, 2010 as prepared by Campbell and Paris Engineers.

This upland system was previously permitted under Stormwater Discharge Permit #3028-INDS.A entitled *Taxiways 'B' and 'C', and relocated Taxiway 'J', and newly constructed 'J', AIP No. 3-50-0005-XX-2009* as revised April, 2010. The application for Stormwater Discharge Permit #3028-INDS.A contains the following statement:

*"1-0839, All Impervious area (1.96 Acres) discharging to S/N 003 will now be covered under this permit".*

Subsequently, this area is currently covered by Permit No. 3028-INDS.AR, Reconstruct TW B & C; Relocate TW J; Construct TW G (Potash Brook Discharge.)

- b. Related plans that discharge into the Permit 1-0839 system include *Burlington International Airport, PFC Project, South Apron Expansion* dated August, 1999 as prepared by Edwards & Kelcey.

This upland system was previously permitted under Stormwater Discharge Permit #1-1391.

- 8. Proof of Legal Responsibility (list and attach):  
City of Burlington, Vermont, Burlington International Airport (BTV)

## MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: South Apron Expansion
2. Location: City of Burlington, Vermont, Burlington International Airport (BTV.) The system is located at the South Apron at the south end of the Main Passenger Terminal on the westerly side of Taxiway Alpha.
3. Stormwater Permit Number: Permit Number 1-1391
4. Current Permit Status: (Issued, Expired, Title 3) Expired September 30, 2004
5. Narrative Describing the Stormwater System: BTV's Permit 1-1391 authorizes the discharge of stormwater runoff from the South Apron and a portion of Taxiway 'Alpha' after treatment via a "Vortechs" treatment unit.

Discharge location:

**S/N 001:** (infiltration basin trench): Stormwater from the south apron expansion (ramp and taxiways) collected in catch basins and piped to a 'Vortechs' treatment unit, then discharging to an infiltration trench system which in turn infiltrates to groundwater.

6. Current Compliance Status:
  - Compliant with previously issued state permit
  - Planned compliance within 24 mos; Estimated Compliance Date: \_\_\_\_\_
  - Not constructed – plan for construction as part of FRP; Estimated construction schedule: \_\_\_\_\_
  - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: \_\_\_\_\_

7. Plans (for expired permits, list plan numbers and attach):

- a. Plans entitled *Burlington International Airport, PFC Project, South Apron Expansion* dated August, 1999 as prepared by Edwards & Kelcey. (Sheets 13, 18, and 19 of 34, dated 8/18/99).

Listing of Plans from Upland Watersheds

- a. None.
8. Proof of Legal Responsibility (list and attach):  
City of Burlington, Vermont, Burlington International Airport (BTV)