

273 Commerce Street  
Williston, VT 05495  
Website: [www.epsofvermont.com](http://www.epsofvermont.com)



PHONE: (802) 862-1212  
FAX: (802) 860-7445  
1-800-THE TANK

June 2, 2016

Mrs. Jill Draper  
Vermont Department of Environmental Conservation  
Watershed Management Division  
One National Life Drive, Main Building, 2nd Floor  
Montpelier VT 05620-3522

Re: Notice of Intent – General Permit 3-9016  
Shuttle America Corporation – Burlington International Airport

Dear Mrs. Draper:

Environmental Products & Services of Vermont, Inc. (EPSVT) hereby submits this Notice of Intent (**Attachment 1**) relative to proposed treatment and discharge of petroleum contaminated waters to the South Burlington municipal wastewater treatment plant. Aviation fuel leaking from a failed gasket on an airplane resulted in contamination of water in a stormwater collection system at the Burlington International Airport, in South Burlington, VT (**Figure 1**). The spill is listed by the Vermont Department of Environmental Conservation (VDEC) as Spill #2016-WMD-181.

EPSVT proposes to treat contaminated water currently stored in two 21,000-gallon fractionation tanks on the BIA property and then discharge the treated water into a municipal sewer located near Gate 2 (indicated on **Figure 1**). The proposed method of treatment will be to discharge the stored water through twin 1,000-pound carbon vessels plumbed in series. A maximum flow rate of 10 gallons per minute (14,400 gallons per day) is proposed. A detailed schematic of the treatment system is included as **Figure 2**. EPSVT has obtained a letter of consent from the South Burlington Water Quality Department (**Attachment 2**) indicating that the wastewater treatment plant is willing to accept this treated discharge with appropriate water quality analytical results.

Please feel free to contact me at [jkelliher@epsofvermont.com](mailto:jkelliher@epsofvermont.com) or (802) 862-1212 with any comments or questions regarding this letter.

Sincerely,  
ENVIRONMENTAL PRODUCTS & SERVICES OF VERMONT, INC.

  
John Kelliher, Hydrogeologist  
Williston, VT Division

Cc: Donna Kinville, South Burlington City Clerk's Office  
Mr. Russell Parks, Shuttle America Corporation (electronically)  
James Donaldson, VDEC (electronically)



3-4221.1606  
#240<sup>00</sup> pd by  
Environmental Products  
& Services of VT Inc  
CK #1439 of

**PUBLIC NOTICE  
NOTICE OF INTENT FOR DISCHARGES FROM PETROLEUM  
RELATED REMEDIATION ACTIVITIES TO PUBLICLY OWNED TREATMENT WORKS (POTW)  
SUBJECT TO GENERAL PERMIT NO. 3-9016**

INSTRUCTIONS ON REVERSE SIDE

NOTICE OF INTENT NO. **3-4221**

1. Applicant: Shuttle America Corporation  
 Legal Entity  Private  State  Municipal  Other Describe  
 CK # 1439 #240<sup>cc</sup>  
 pd by Environmental Products & Services of VT Inc

2. Address of Applicant: Republic Airways Holdings  
 8909 Purdue Road, Suite 300  
 Indianapolis, IN 46268  
 Telephone: (317) 471-2558 Email Address: Russell.Parks@rjet.com

3. Name of Facility: Burlington International Airport DEC Site No. & Staff Contact (if applicable):  
 Location of Facility (Street & Town): 1200 Airport Drive Spill #2016-WMD-181 - James Donaldson  
 South Burlington, VT 05403  
 Municipal Consent (attach letter from POTW representative accepting this discharge): See Attached letter from South Burlington Water Quality Dept  
 Mapping (include USGS map and indicate site location): See Attached

4. Type of Contamination: Aviation fuel  
 Source of Contamination: Failed gasket on airplane  
 Description of Contamination: Water from stormwater collection system

5. Description of Remediation Treatment System: Twin carbon vessels plumbed in series  
 Maximum Daily Design Flow (gpd): 14,400  
 Attach Site Schematics (site features, extent of contamination, and detailed design of treatment system): See Attached

6. Anticipated Start Date of Discharge: June 10, 2016  
 Anticipated Duration of Discharge: <2 weeks

7. Discharge Point(s) and Name of Receiving POTW: Discharge Point 1 - Sanitary sewer located adjacent to Gate 2 at Burlington International Airport. Receiving POTW is South Burlington Water Quality Dept  
 Describe Conveyance to POTW: Discharge will be directly into sanitary sewer manhole

8a. Application fee: \$240.00 8b. Date of Application:

**APPLICANT CERTIFICATION:** I hereby certify that I am responsible for the discharges from petroleum related remediation activities. I also certify that I have read General Permit 3-9016 and agree to abide by its terms. I also certify that concurrent with the submittal of this Public Notice/Notice of Intent to the Department of Environmental Conservation, I have submitted a copy of this Public Notice/Notice of Intent to the municipal clerk in the municipality where the discharge occurs. Consultants, contractors, and attorneys cannot sign the Notice of Intent (NOI) form on behalf of an owner/operator unless legally delegated.

9. Russell Parks Environmental Compliance Manager  
 Print or Type Name Title  
 5/26/16  
 Signature of applicant Date

**PUBLIC COMMENT**

Public comments concerning this Notice of Intent to discharge under General Permit No. 3-9016 are invited and must be submitted within 10 days of receipt of this Notice by the municipal clerk. Comments should address how the application complies with the terms and conditions of General Permit No. 3-9016. 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. 3-9016. Any person may, within thirty (30) days of the final ruling by the Department of Environmental Conservation to grant or deny authorization to discharge, appeal the ruling pursuant to 10 V.S.A. Section 1269.

Send written comments to: VT Department of Environmental Conservation  
 Watershed Management Division  
 One National Life Drive, Main Building, 2<sup>nd</sup> Floor  
 Montpelier VT 05620-3522

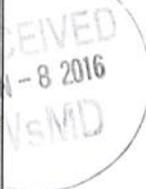
A copy of General Permit No. 3-9016 may be viewed and downloaded from the Watershed Management Division's website:  
<http://www.watershedmanagement.vt.gov/wastewater.htm>, obtained by calling (802)490-6106, or examined at the above address 7:45 am and 4:30 pm. M-F

For Department Use Only:

**VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
AUTHORIZATION TO DISCHARGE**

A determination has been made that the applicant meets the criteria necessary for inclusion under General Permit 3-9016. Subject to the conditions of General Permit No. 3-9016 the applicant is authorized to discharge from petroleum related remediation activities to Publicly Owned Treatment Works as described in Notice of Intent No. **3-4221**

DEC Reviewer: \_\_\_\_\_ Effective Date: \_\_\_\_\_





## South Burlington

### Water Quality Department

Facilities: 1015 Airport Parkway (802) 658-7964 Main Office  
15 Bartlett's Bay Road (802) 658-7965

Mail: 104 Landfill Road  
South Burlington  
Vermont 05403

May 5, 2016

#### Processed Airport Water

The City of South Burlington Water Quality Department has considered and approved the request to accept approximately 40,000 gallons of treated (carbon filtered) water to the City of South Burlington Airport Parkway Wastewater Treatment Facility (WWTF), from the Burlington Airport, for processing pending receiving analytical results, from the treated water, that is acceptable to City of South Burlington Water Quality staff and that meets all State of Vermont and Federal levels for discharge to a wastewater facility. Processing and receiving of the material will be at the sole discretion of the City of South Burlington WWTF Operators and the City of South Burlington Director of Public Works and may be revoked at any time.

A handwritten signature in cursive script that reads "Robert Fischer".

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Robert Fischer  
Superintendent of Water Quality

May 5, 2016

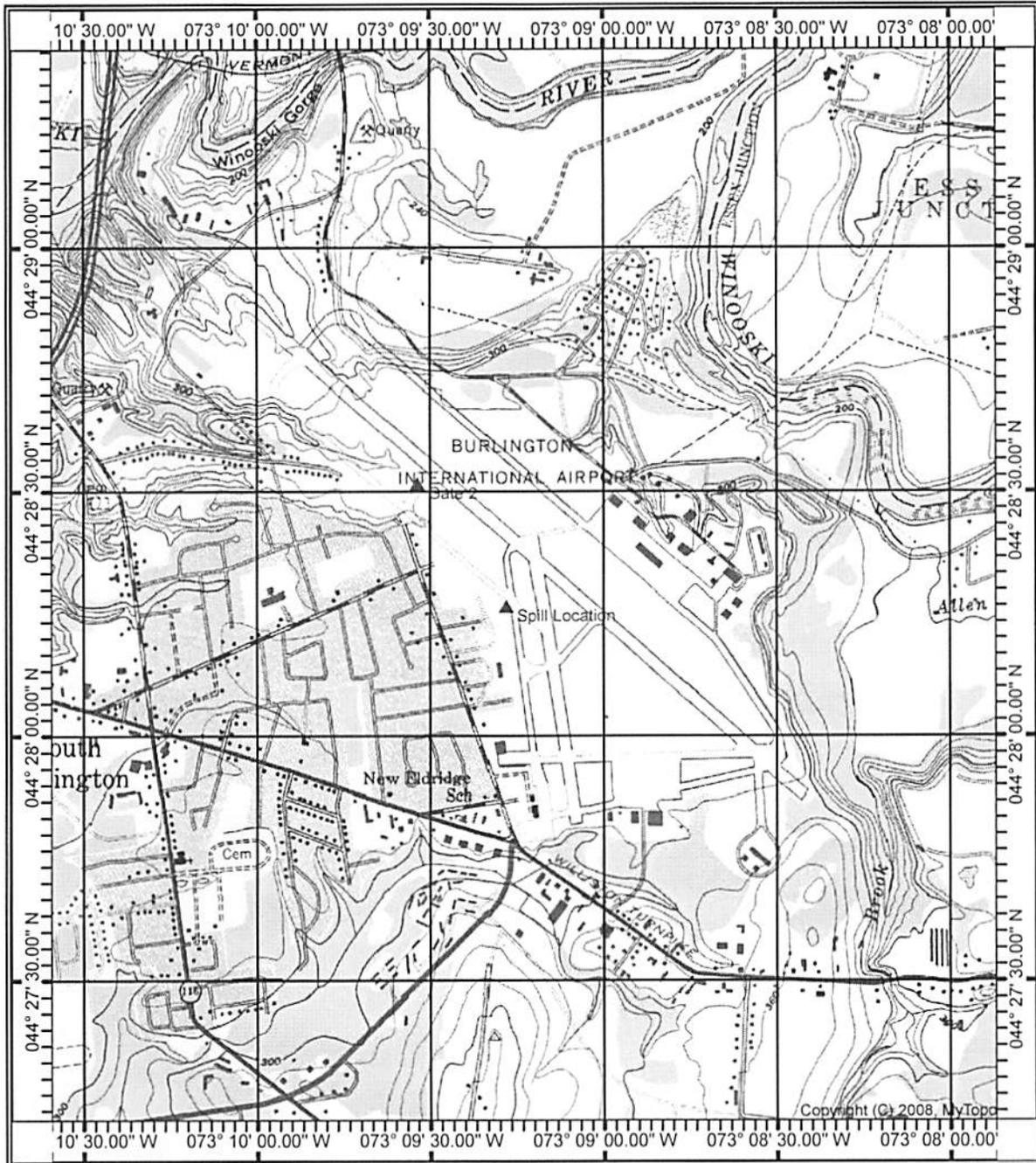
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Date

Burlington International Airport  
1200 Airport Drive  
South Burlington, VT 05403

044° 28' 18.58" N 073° 09' 13.84" W

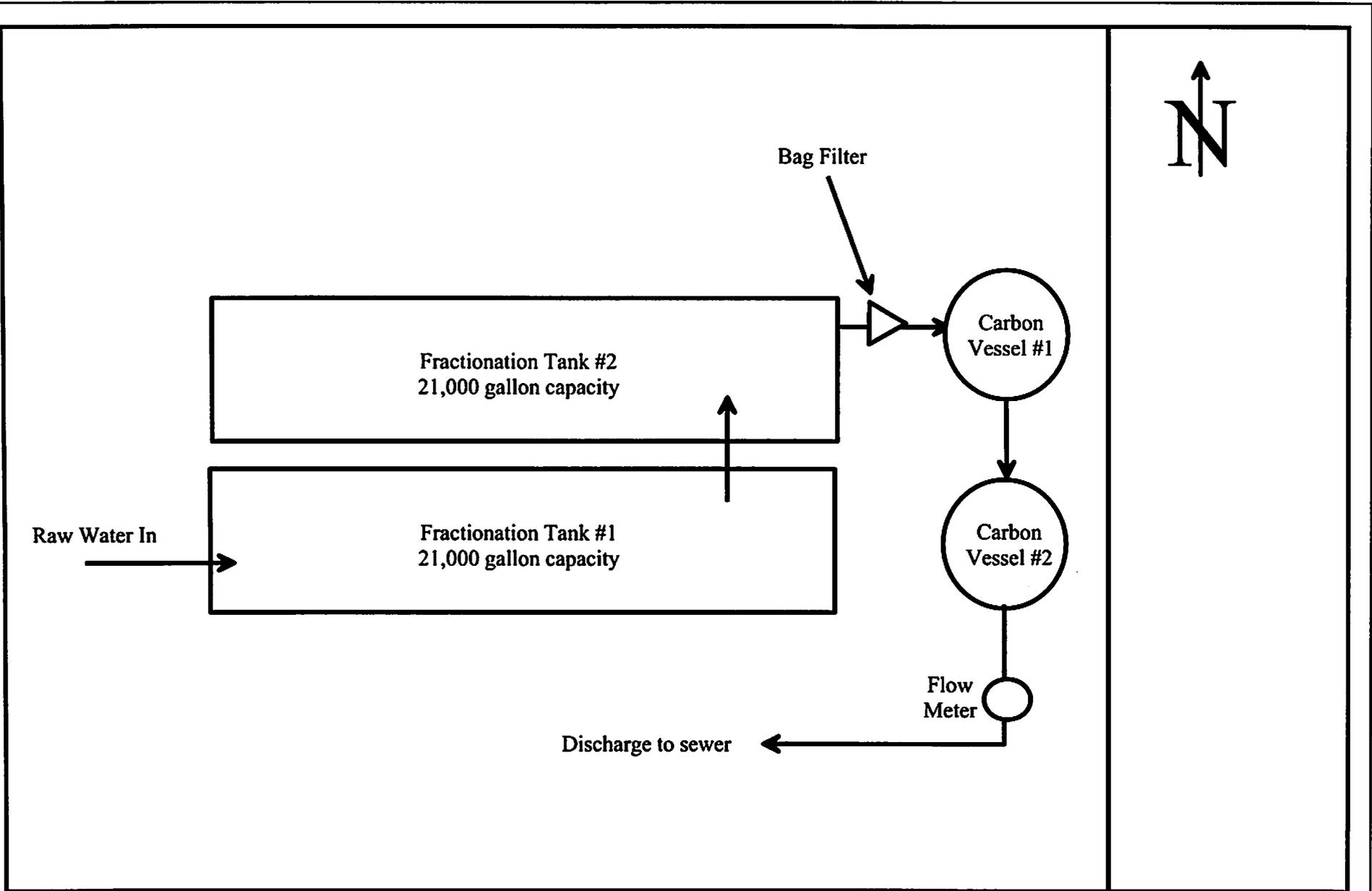
General Location Map



SCALE 1:24000



Figure 1



	<p><b>Scale</b> Not to Scale</p>	<p><b>Site Description</b> Shuttle America Corporation Burlington International Airport South Burlington, VT 05403</p>	<p><b>Project #</b> v5035</p>	<p><b>Date</b> 6/2016</p>
			<p><b>Map Title</b> Figure 2: System Schematic</p>	