Stormwater Construction Discharge General Permit (CGP) 3-9020 Notice of Intent (NOI)

version 1.11

(Submission #: HPG-R2DB-SCVEJ, version 1)

Details

Submission Alias	21-358 Sunnymede - Stormwater Construction Discharge General Permit (CGP) 3-9020 Notice of Intent (NOI)
Originally Started By	Silken Kershner
Submitted	7/28/2022 (5 days ago) by Daniel Ferrao
Project Name	Sunnymede Farm Store (TCE 21-358)
Submission ID	HPG-R2DB-SCVEJ
Status	Submitted

Fees

Fee	$480.00
Payments/Adjustments	($480.00)
Balance Due	$0.00 (Paid)

Form Input

Basic Risk Evaluation

1. Will the proposed project alone result in more than two acres of earth disturbance in total?
Yes

Criterion 1:
Criterion 1: Only include the disturbance planned for an independent project and disturbance. In addition, risk scoring must be completed in accordance with Subpart 1.7 of this permit. Refer to Construction General Permit 3-9020, Appendix C for the definition of earth disturbance.

2. Is the project located within the watershed of a Class A Water or in the watershed of an Outstanding Resource Water?
No

Criterion 2:
Criterion 2: Refer to the Watershed Management Division - Stormwater Program's Construction Stormwater Discharge Permits web page for the most current lists of Class A and Outstanding Resource Waters.

3. Will the proposed project have earth disturbance within 50 ft. (horizontal) upslope of any lake, pond, wetland, river, or stream?
Yes

Criterion 3:
Criterion 3: Measure lake distance from mean water level, stream or river distance from top of bank, and wetland distance from edge of wetland. Disturbance for road stream crossings and stormwater infrastructure must be included. Consult with the Stormwater Program with any questions about these measurements.

4. Will the project have any stormwater discharges from the construction site to receiving water(s) that do not first filter through a 50-ft. vegetated buffer?
Yes

Criterion 4:
Criterion 4: Refer to the Construction General Permit 3-9020, Appendix C for the definition of vegetated buffer. Stormwater runoff from the construction site must not pass through the buffer by discrete conveyance, such as through a ditch or vegetated swale, where flow is concentrated.

Your Basic Risk Evaluation Score Is:
3

Based on the applicant's response(s) to the Basic Risk Evaluation, the project requires a more detailed risk evaluation under the Construction General Permit. Complete the Detailed Risk Evaluation in the next section.

Detailed Risk Evaluation

RISK FACTOR

A. Will the proposed project have earth disturbance within 50 ft. (horizontal) upslope of any lake, pond, wetland, river, or stream?
Yes

Criterion A:
Criterion A: Measure lake distance from mean water level, stream or river distance from top of bank, and wetland distance from edge of wetland. Disturbance for road stream crossings and stormwater infrastructure must be included. Consult with the Stormwater Program with any questions about these measurements.

B. Is the project located within the watershed of a Class A Water or in the watershed of an Outstanding Resource Water?
No

Criterion B:
Criterion B: Refer to the Watershed Management Division - Stormwater Program's Construction Stormwater Discharge Permits web page for the most current lists of Class A and Outstanding Resource Waters.

C. Will the project include more than one acre of disturbance on soil that is greater than 15% slope?
No

Criterion C:
Criterion C: Slope determinations are based on the existing contours of the areas proposed for disturbance.

D. Will the project disturb in total more than one acre of soil with an erodibility rating greater than K=0.36?
Yes

Criterion D:
Criterion D: Include disturbance for the entire independent project, not at any one point in time. Refer to NRCS soil data and calculate a depth-weighted average K factor based on the anticipated depth of excavation. If soils data is not available additional information related to the determination of K rating is available on the Stormwater Program website for construction stormwater permitting. Alternatively, an applicant may assume that the soils have K>0.36 for purposes of risk evaluation.

E. Your RISK FACTOR Score Is:
4

MITIGATION FACTOR

F. Will stormwater from the construction site filter through at least 50-ft. of established vegetated buffer before entering a receiving water?
No

Criterion F:
Criterion F: Refer to Construction General Permit 3-9020, Appendix C for a definition of vegetated buffer. Stormwater runoff from the construction site must not pass through the buffer by discrete conveyance, such as through a ditch or vegetated swale, where flow is concentrated.

G. Will the project be limited to two acres or less of earth disturbance at any one time?
No

Criterion G:
Criterion G: Refer to Construction General Permit 3-9020, Appendix C for a definition of earth disturbance.

H. Will the project in total, involve two acres or less of earth disturbance on slopes greater than 5%?
Yes

Criterion H:
Criterion H: Slope determinations are based on the existing contours of the areas proposed for disturbance.

I. Will the project in total, involve two acres or less of earth disturbance on soil with an erodibility rating of greater than K=0.17?
No

Criterion I:
Criterion I: Include disturbance for the entire independent project, not at any one point in time. Refer to NRCS soil data and calculate a depth-weighted average K factor based on the anticipated depth of excavation. If soils data is not available additional information related to the determination of K rating is available on the Stormwater Program website for construction stormwater permitting. Alternatively, an applicant may assume that the soils have K>0.36 for purposes of risk evaluation.

J. Your RISK MITIGATION Score Is:
1

K. Risk Base Score
2

L. Risk Factor Score
3

M. Sum of Risk Base Score and Risk Factor Score
5

N. Risk Mitigation Score
1

O. Subtract Line J. from Line M
4

TOTAL RISK EVALUATION SCORE

P. Your TOTAL RISK EVALUATION Score Is:
3

MODERATE RISK PROJECT:
The proposed activity is eligible for the Construction General Permit (CGP) as a Moderate Risk construction activity provided that the requirements of CGP, Subpart 3 are met. If these requirements cannot be met, contact DEC to determine if the project should seek permit coverage under an Individual Permit. Refer to Part IV of CGP Appendix A for a summary of the application requirements for Moderate Risk projects. Proceed to complete the required Moderate Risk Notice of Intent (NOI) and to submit supporting application materials and applicable fee.

Landowner Information

Landowner Name
SMFVTMGT LLC

Contact Name (if different than the above Landowner)
NONE PROVIDED

Mailing Address Line 1
8156 FIDDLER'S CREEK PARKWAY

Mailing Address Line 2
NONE PROVIDED

Town
Naples

State
FL

Zip
34114

Email
ajf@gulfbay.com

Phone (Format: 123-456-7890 Ext 123)
239-732-9400

Additional Email Address(es)
NONE PROVIDED

Is the Landowner identified above also the Operator?
No

IMPORTANT: Since the Landowner is not also the site Operator, the Operator will be required to obtain co-permittee status prior to the commencement of construction. The Landowner will be instructed after the permit is issued on how the Operator can be added as co-permittee.

Are there additional Landowners or project Operators?
Yes

IMPORTANT: Additional Landowner(s) or Operator(s) will be required to obtain co-permittee status prior to the commencement of construction. The Landowner will be instructed after the permit is issued on how the additional Landowner(s) and Operator(s) can be added as co-permittee(s).

Application Preparer Information

Was this application prepared by the Landowner listed in the Landowner Information section of this form?
No

Company Name (if applicable)
Trudell Consulting Engineers

PreparerName
Silken Kershner

Mailing Address Line 1
478 Blair Park Road

Mailing Address Line 2
NONE PROVIDED

Town
Williston

State
VT

Zip
05495

Email
silken.kershner@tcevt.com

Phone (Format: 123-456-7890 Ext 123)
802-879-6331 Ext 131

Additional Email Address(es)
abby.dery@tcevt.com

Construction Activity Information

Project Name:
Sunnymede Farm Store (TCE 21-358)

Description of construction activities for permit coverage:
The project proposes to construct a farm store at an existing parcel in Hartland, VT. The parcel is currently undeveloped, however there is a history of agricultural development at this lot that has since been demolished and removed. The project proposes to construct an additional 0.979 ac of impervious roadway, rooftop, parking and sidewalks. The project proposed on site potable water supply and wastewater disposal. The project also proposed stormwater treatment via bioretention basin and gravel wetland with forebay.

Name of receiving water(s):
Unnamed wetland tributary of Lulls Brook.

Project Location Latitude and Longitude
The Map below can be used to find the latitude and longitude for your project. The best way to find the coordinates is to just click on the map at the approximate center of the project construction activity.

Hint: You can get the map close to your location by entering the project address in the "Search by name or address" field. Once you get to your project location, click on the point that best represents the center of the project construction activity.

Project Location Latitude and Longitude:
43.5313986,-72.4042229

Project physical address (911):
88 US Route 5, Hartland VT

Project Town:
Hartland

Project Zip Code
05048

Is this a Public Transportation or Utility ROW/Easement project?
No

SPAN - Enter the 11 digit number that is printed on the property tax bill for the applicable parcel(s). Projects that involve more than 1 parcel shall list all applicable SPANs.

SPAN (SPAN format is ###-###-#####)
288-091-10093

Is this project part of a Common Plan of Development?
No

Does this property have any previously issued or pending stormwater discharge permits?
Yes

Prior Authorization/Permit Number(s):
ANR Submittal ID Number: HPG-CT5M-136NW

Estimated Date of Construction Commencement:
9/1/2022

Estimated Date of Construction Completion/Site at Final Stabilization:
8/1/2023

Existing Impervious Surface (acres, to no more than two decimal places):
0

Will the project result in an increase in impervious surface area?
Yes

Amount of Increased Impervious Surface Area (acres, to no more than two decimal places):
0.98

Total Project Earth Disturbance (acres, to no more than two decimal places)
2.29

Runoff Coeffient Calculation
Runoff coefficient = Rv = [0.05 + 0.009 (I)]

where:

I = (c/a)*100

I = Site Imperviousness (expressed as a whole number percent)
a = Total Site Area (acres)
c = Estimated Impervious Cover After Completion of Construction (acres)

Estimated Runoff Coefficient

Estimated Impervious Cover Post-Construction (acres, to no more than two decimal places)	Site Area (acres, to no more than two decimal places)	Runoff Coefficient
0.98	12.80	0.12

Will any fill material be utilized for construction?
Yes

Describe the nature of the fill material this is expected to be utilized for construction:
Any fill required would be suitable for driveway & parking base material, building foundation support, or clean fill for general grading.

Briefly describe the type and nature of any soil that will be disturbed on site:
Soils on-site are classified by the Natural Resource Conservation Service primarily as Belgrade Silt Loam (2B), HSG B/D (1.81 disturbed acres), and Hitchcock Silt Loam (1C), HSG C (0.16 disturbed acres) and Hitchcock Silt Loam (1D), HSG C (0.32 disturbed acres).

Briefly describe the quality of any existing stormwater discharges from the site (if known):
No existing stormwater treatment practices on-site.

Risk Calculation
Moderate

Additional Municipal Stormwater Requirements

Are there any additional municipal stormwater requirements applicable during construction?
No

Are there any additional municipal stormwater requirements applicable post-construction?
No

Are there any other post-construction stormwater treatment or control measures proposed, that were not identified above?
Yes

Briefly identify other post-construction stormwater treatment or control measures proposed that were not identified above:
Stormwater treatment for the proposed development will be provided via gravel wetland with pre-treatment forebay for Drainage Area 1, and via bioretention basin for Drainage Area 2. A 9050 Operational Permit is concurrently being applied for. See ANR Submittal ID Number HPG-CT5M-136NW.

Project Discharges to Groundwater

Will the project discharge stormwater to groundwater via infiltration basin or similar practice?
No

Attachments

Location Map
21-358 Attachment 1b - Project Location Map.pdf - 05/25/2022 03:22 PM
Comment
NONE PROVIDED

Soils Worksheet
Appendix A-Risk and Soils Evaluation.pdf - 06/06/2022 09:57 AM
Comment
NONE PROVIDED

Plan Set
C1-00 Legend & Notes.pdf - 06/06/2022 09:51 AM
C2-01 Overall Site Plan.pdf - 06/06/2022 09:51 AM
C2-02 Site Plan.pdf - 06/06/2022 09:51 AM
C1-02 Existing Conditions Plan.pdf - 06/06/2022 09:51 AM
C5-01 EPSC Plan.pdf - 06/06/2022 09:51 AM
C1-01 Overall Existing Conditions Plan.pdf - 06/06/2022 09:51 AM
C8-10 EPSC Details.pdf - 06/06/2022 09:51 AM
Comment
NONE PROVIDED

Plan Set Reference Form
9020 Plan Set Reference.pdf - 06/06/2022 09:55 AM
Comment
NONE PROVIDED

Additional Attachments
21-358 CGP Permit Cover Letter2022 0609.pdf - 06/09/2022 04:29 PM
Comment
NONE PROVIDED

Application Fee Information

Project Risk and Acres Disturbed
This Project's Risk is 'Moderate' and there are '2.29' acres disturbed.

Application Fee Due:
$480.00

Attachments

Date	Attachment Name	Context	User
6/9/2022 4:29 PM	21-358 CGP Permit Cover Letter2022 0609.pdf	Attachment	Silken Kershner
6/6/2022 9:57 AM	Appendix A-Risk and Soils Evaluation.pdf	Attachment	Silken Kershner
6/6/2022 9:55 AM	9020 Plan Set Reference.pdf	Attachment	Silken Kershner
6/6/2022 9:51 AM	C8-10 EPSC Details.pdf	Attachment	Silken Kershner
6/6/2022 9:51 AM	C1-00 Legend & Notes.pdf	Attachment	Silken Kershner
6/6/2022 9:51 AM	C2-01 Overall Site Plan.pdf	Attachment	Silken Kershner
6/6/2022 9:51 AM	C2-02 Site Plan.pdf	Attachment	Silken Kershner
6/6/2022 9:51 AM	C1-02 Existing Conditions Plan.pdf	Attachment	Silken Kershner
6/6/2022 9:51 AM	C5-01 EPSC Plan.pdf	Attachment	Silken Kershner

Date	Attachment Name	Context	User
6/6/2022 9:51 AM	C1-01 Overall Existing Conditions Plan.pdf	Attachment	Silken Kershner
5/25/2022 3:22 PM	21-358 Attachment 1b - Project Location Map.pdf	Attachment	Silken Kershner

Internal Data

Label	Value
New Project Name	Sunnymede Farm Store (TCE 21-358)
New Project Description	The project proposes to construct a farm store at an existing parcel in Hartland, VT. The parcel is currently undeveloped, however there is a history of agricultural development at this lot that has since been demolished and removed. The project proposes to construct an additional 0.979 ac of impervious roadway, rooftop, parking and sidewalks. The project proposed on site potable water supply and wastewater disposal. The project also proposed stormwater treatment via bioretention basin and gravel wetland with forebay.
Prior Authorizations	ANR Submittal ID Number: HPG-CT5M-136NW
Existing Project Number	9435
Assign Permit Number Suffix (characters following the ".")	

Agreements and Signature(s)

SUBMISSION AGREEMENTS

- ☑ I am the owner of the account used to perform the electronic submission and signature.
- ☑ I have the authority to submit the data on behalf of the facility I am representing.
- ☑ I agree that providing the account credentials to sign the submission document constitutes an electronic signature equivalent to my written signature.
- ☑ I have reviewed the electronic form being submitted in its entirety, and agree to the validity and accuracy of the information contained within it to the best of my knowledge.

I hereby certify under penalty of lawthat 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, 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. I also certify that the applicable practices in either the LowRisk Site Handbook for Erosion Prevention and Sediment Control (LowRisk per CGP 3-9020 - Appendix A – Risk Evaluation) or the site and project-specific Erosion Prevention and Sediment Control Plan (Moderate Risk per CGP 3-9020 - Appendix A – Risk Evaluation), as prepared in accordance with The Vermont Standards and Specifications for Erosion Prevention and Sediment Control will be implemented for the duration of the project for which this NOI is submitted.

Signed By Daniel Ferrao on 07/28/2022 at 5:22 PM