### STATE OF RHODE ISLAND CANNABIS OFFICE 560 Jefferson Boulevard, Suite 204 Warwick, Rhode Island 02886

;

:

In the Matter of Green Wave CC, Inc. Respondent

#### DBR Case No: 240CR033

#### CONSENT AGREEMENT AND ORDER

Green Wave CC, Inc. ("Green Wave" or "Respondent") and the Rhode Island Cannabis Office ("the Cannabis Office")<sup>1</sup> (collectively, with Green Wave, the "Parties") enter into this Consent Agreement and Order (this "Consent Order") to settle and resolve the claims, issues and disputes that are the subject of the within administrative proceeding, <u>In the Matter of Green Wave CC, Inc.</u>, DBR Case No. 24OCR033, and the matter pending in the Rhode Island Superior Court captioned <u>Green Wave CC, Inc. v. State of Rhode Island Department of Business Regulation et</u> <u>al.</u>, PM- 2024-05194. The Parties hereby stipulate and agree as follows:

1. On February 23, 2024, Green Wave and the Office of Cannabis Regulation ("OCR") entered into a Consent Agreement, which resolved a previously pending administrative appeal proceeding captioned <u>In the Matter of Green Wave CC, Inc.</u>, DBR No. 22OCR007 (the "2024 Consent Agreement"). The 2024 Consent Agreement required Green Wave to satisfy all compassion center licensure requirements for the 187 Danielson Pike, Foster, Rhode Island, property (the "Property") no later than September 3, 2024, and provided for a one-time extension of thirty (30) days for good cause shown and if compassion center licensure requirements have been substantially completed.

2. On July 18, 2024, Green Wave requested a one-time thirty (30) day extension, which OCR denied by letter dated August 2, 2024, asserting that the compassion center licensure requirements were not substantially complete. Green Wave filed its Notice of Appeal and Request for Administrative hearing on August 30, 2024.

3. An Order to Show Cause Why Denial of Extension Request Should Not Be Affirmed, Notice of Hearing and Appointment of Hearing Order ("OSC") was issued September 12, 2024, asserting that:

- a. Green Wave failed to substantially complete licensure requirements as required for the extension,
- b. Green Wave had made material changes with respect to ownership, management, and funding without required approval, and

<sup>&</sup>lt;sup>1</sup> Effective May 1, 2025, all powers, duties and responsibilities with respect to the regulation, administration and enforcement of R.I. Gen. Laws § 21-28.6-1 *et seq.* and § 21-28.11-1 *et seq.* (the "Acts") transferred from the Rhode Island Department of Business Regulation ("DBR") and the Office of Cannabis Regulation ("OCR") to the Rhode Island Cannabis Control Commission ("CCC") and the Cannabis Office. R.I. Gen. Laws § 21-28.11-10.1(g) and (h).

c. Green Wave's subsequent request for approval of ownership and funding transactions would run afoul of the financial interest restrictions in R.I. Gen. Laws § 21-28.6-12(d)(5)(v) and § 1.2(C) and (F) of 230-RICR-80-05-1.<sup>2</sup>

4. Based upon the foregoing and Green Wave's representations and agreements set forth herein, the Cannabis Office agrees to extend the Completion Deadline (as described and defined below), subject to the following terms and conditions:

- a. <u>Administrative Penalty</u>. Pursuant to 560-RICR-10-05-01.18(C), Respondent shall remit to the Cannabis Office an administrative penalty in the amount of twenty-four thousand five hundred dollars (\$24,500) upon execution of this Consent Agreement. Said payment shall be made payable to the "General Treasurer, State of Rhode Island";
- b. <u>Completion Deadline</u>. Green Wave shall satisfy all compassion center licensure requirements for the Property, no later than the date that is one hundred twenty (120) days from the date after both Parties and the Hearing Officer have signed this Consent Order (the "Completion Deadline");
- c. <u>Walkthrough</u>. The Parties shall schedule a final walkthrough to review the License completion of requirements at the Property on a mutually convenient date that is at least ten (10) days prior to the Completion Deadline ("Final Walkthrough");
- d. <u>Extension</u>. There shall be no further extensions of time granted to Green Wave to complete the Final Walkthrough and licensure requirements except for extenuating circumstances reasonably deemed out of Green Wave's control;
- PM-2024-05194. Upon the entry of this Consent Order, Green Wave shall voluntarily dismiss with prejudice Superior Court matter captioned <u>Green Wave</u> <u>CC</u>, Inc. v. State of Rhode Island Department of Business Regulation et al., PM-2024-05194
- f. <u>24OCR033</u>. Upon the entry of this Consent Order, Green Wave shall voluntarily withdraw the administrative appeal captioned <u>In the Matter of Green Wave CC</u>, <u>Inc.</u>, DBR Case No. 24OCR033;
- g. <u>RIDEM Wetlands Permit</u>. Green Wave will comply with the Rhode Island Department of Environmental Management's permit granted to Green Wave for the Property on October 3, 2024, a copy of which Green Wave has provided to the Cannabis Office; *See* <u>Exhibit A</u>, attached hereto.

2

<sup>&</sup>lt;sup>2</sup> On May 1, 2025, the CCC's rules and regulations, RICR Title 560 Chapter 10, became effective.



- h. <u>RIDOT Permit</u>. Green Wave will comply with the Rhode Island Department of Transportation Physical Alteration Permit Application 24-65 approval dated March 14, 2025, granted to Green Wave for the Property, a copy of which Green Wave has provided to the Cannabis Office; *See Exhibit B*, attached hereto.
- i. <u>For Profit Status and Name</u>. Upon issuance of its compassion center license, Green Wave may apply for a hybrid cannabis retailer authorization and convert from a non-profit corporation to a for-profit corporate structure subject to compliance with R.I. Gen. Laws § 21-28.11-10(d) and 560-RICR-10-10-1.9(F). Green Wave will provide the Cannabis Office with documentation evidencing its RI Secretary of State filings and grant of Green Wave CC, Inc.'s for-profit status conversion and change of name and operation as "Green Wave LLC" from that date forward in accordance with the Regulations;
- j. <u>Floor Plan Approval.</u> Green Wave will construct the Property improvements in accordance with the floor plan dated June 13, 2024, which Green Wave has provided to the Cannabis Office; *See* <u>Exhibit C</u>, attached hereto.
- <u>Business Plan Approval</u>. Green Wave will operate its compassion center in accordance with Green Wave's business plan, which Green Wave has provided to the Cannabis Office concurrently with the execution of this Consent Order; See <u>Exhibit D</u>, attached hereto. (The dates in the Business Plan are changed as those dates have already passed).
- 1. <u>Ownership Substitution</u>. The Cannabis Office approves the substitution of GW Holdings, LLC as a 49% shareholder and owner of Green Wave effective upon execution of this Consent Order. Respondent represents and confirms to the Cannabis Office that upon this substitution, the ownership of Green Wave and of GW Holdings, LLC, respectively, is and shall be as set forth below, that ownership and investment in Green Wave complies with 560-RICR-10-10-1.3.2(A)(2)(a), and that no further ownership or investment changes have been or will be made without submission of a variance request and the Cannabis Office's prior approval of such request:

#### Green Wave CC, Inc.:

Christopher Sands	28%
Richard Comolli	11%
Christopher Spagnole	3%
Marc Gertsacov	5%
Gregory Roebuck	2%

· · ·
,

Raymond Lamont, Jr.	2%
GW Holdings, LLC	49%

#### GW Holdings, LLC:

Zachary Allen	3.05%
Derek Ross	31.56%
Brett Fish	17.71%
Blair Fish	14.90%
John Kenyon	16.49%
Robert Grillo	3.0%
Duncan Harris	13.29%

- m. <u>Registry Identification Cards</u>. Upon execution of this Consent Order, all members of GW Holdings, LLC shall surrender their registry identification cards to the Cannabis Office.
- n. <u>Funding</u>. GW Holdings, LLC shall be permitted to provide funding in the amount of\$1,200,000 to Green Wave CC, Inc. and/or Green Wave LLC. Respondent will provide a copy of the promissory note and other loan documents to the Cannabis Office within five (5) days of execution thereof;
- Location. The place of Green Wave's compassion center and operation shall be the Property. Green Wave shall not be permitted to relocate within five (5) years of the date of issuance of the compassion center License. This will not preclude Green Wave from applying for additional retail licenses if they become available subject to all applicable laws, including R.I. Gen. Laws Chapters 21-28.6 and 28.11, and regulations, including 560-RICR-10-05, 560-RICR-10-10, and 560-RICR-10-15;
- p. <u>License Issuance</u>. Upon completion and satisfaction of all compassion center licensure requirements, the Cannabis Office shall issue Green Wave a compassion center license under R.I. Gen. Laws § 21-28.6-12; and
- q. <u>Cultivation Merger</u>. Green Wave shall be entitled to merge the South County Cultivators, Inc. cultivation license into its compassion center license in accordance with its original application and the conditional approval letter dated October 29, 2021, and subject to compliance with R.I. Gen. Laws § 21-28.6-12(b)(10) and 560-RICR-10-10-1.8(I)(3)(b)(7).

4

5. <u>Final Determination</u>. The parties agree that this Consent Order and its terms represent the final determination of this matter. Respondent's failure to comply with any terms of this Consent Order will amount to a violation hereof.

6. <u>Waiver of Hearing and Appeal</u>. By agreeing to resolve this matter through the execution of this Consent Order, Respondent knowingly and voluntarily waives any right to an administrative hearing and waives any right to pursue an appeal to the Superior Court under the Rhode Island Administrative Procedures Act, R.I. Gen. Laws § 42-35-1, *et seq.* 

7. <u>Compliance; Laws</u>. Compliance with the terms of this Consent Order does not relieve Respondent of any obligation to comply with other applicable laws or regulations administered by or through the Cannabis Office or any other governmental agency.

8. <u>Binding Authority</u>. This Consent Order shall bind the Rhode Island Cannabis Control Commission and the Cannabis Office, and all predecessor state agency and office licensing and regulatory authorities pursuant to and in accordance with R.I. Gen. Laws § 21-28.11-10.1(g) and (h).

For the Cannabis Office:

For Green Wave CC, Inc.:

Signature Michelle Reddish Its Administrator

Date:

Signature Christopher Sands Its President

Date:

Counsel for Green Wave CC, Inc.:

/s/ John O. Mancini, Esq.

Date: June 16, 2025

HEARING OFFICER APPROVAL:

6/23/25 1. aler

Catherine R. Warren, Esq., Hearing Officer Date: 5. <u>Final Determination</u>. The parties agree that this Consent Order and its terms represent the final determination of this matter. Respondent's failure to comply with any terms of this Consent Order will amount to a violation hereof.

6. <u>Waiver of Hearing and Appeal</u>. By agreeing to resolve this matter through the execution of this Consent Order, Respondent knowingly and voluntarily waives any right to an administrative hearing and waives any right to pursue an appeal to the Superior Court under the Rhode Island Administrative Procedures Act, R.I. Gen. Laws § 42-35-1, *et seq*.

7. <u>Compliance</u>; <u>Laws</u>. Compliance with the terms of this Consent Order does not relieve Respondent of any obligation to comply with other applicable laws or regulations administered by or through the Cannabis Office or any other governmental agency.

8. <u>Binding Authority</u>. This Consent Order shall bind the Rhode Island Cannabis Control Commission and the Cannabis Office, and all predecessor state agency and office licensing and regulatory authorities pursuant to and in accordance with R.I. Gen. Laws § 21-28.11-10.1(g) and (h).

For the Cannabis Office:

Signature

Michelle Reddish Its Administrator

Date:

For Green Wave CC, Inc.:

Signature Christopher Sands Its President

6/13/2025 Date:

Counsel for Green Wave CC, Inc.:

Date:

#### HEARING OFFICER APPROVAL:

en R When 6/23/25 Catherine R. Warren, Esq., Hearing Officer

Catherine R. Warren, Esq., Hearing Office Date:

## EXHIBIT A



RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF WATER RESOURCES 235 Promenade Street Providence, Rhode Island 02908

October 3, 2024

187 Danielson Pike, LLC c/o Christopher Sands/Green Wave CC 771 Post Road Wakefield, RI 02879

#### **Freshwater Wetlands Permit**

RE: Application No. 24-0147 in reference to the location below:

Approximately 100 feet northwest of Danielson Pike (at 187 Danielson Pike), opposite Utility Pole 187, approximately 2,250 feet northeast of its intersection with Cucumber Hill Road, Assessor's Plat 10, Lot 25B, Foster, RI.

Dear Mr. Sands:

Kindly be advised that the Department of Environmental Management's ("DEM") Freshwater Wetlands Program ("Program") has completed its review of your **Application for a Freshwater Wetlands Permit** as described in Rule 3.11 of the Rules and Regulations Governing the Administration and Enforcement of the Fresh Water Wetlands Act, 250-RICR-150-15-3 ("Rules"). This review included a site inspection of the above referenced property ("subject property") and an evaluation of the proposed renovation of the existing building, paved parking area, septic system, tie-in to the existing well, and associated landscaping as illustrated and detailed on site plans submitted with your application. The most recently revised site plans were received by the DEM on August 29, 2024.

Our observations of the subject property, review of the site plans and evaluation of the proposed project reveals that alterations of jurisdictional areas are proposed. However, pursuant to Rule 3.7 of the Rules, this project meets all Standards, and a **Freshwater Wetlands Permit** may be issued under the following terms and conditions:

#### Terms and Conditions for Wetlands Application No. 24-0147:

- 1. This letter is the DEM's permit for this project under the R.I. Fresh Water Wetlands Act, R.I. Gen. Laws § 2-1-18 et seq.
- 2. This permit is specifically limited to the project, site alterations and limits of disturbance as detailed on the site plans submitted with your application and received by the DEM on August 29, 2024. A copy of the site plans stamped approved by the DEM is enclosed. Changes or revisions to the project that would alter freshwater wetlands are not authorized without a permit from the DEM.
- 3. Where the terms and conditions of the permit conflict with the approved site plans, these terms and conditions shall be deemed to supersede the site plans.
- 4. You must notify this Program in writing of the anticipated start date, and of your contractor's contact information, by submitting the Notice of Start of Construction Form prior to commencement of any permitted site alterations or construction activity. You must also notify this Program in writing upon completion of the project. The Start of Construction Form can be found on the webpage: dem.ri.gov/stormwaterconstruction

- 5. A copy of the stamped approved site plans and a copy of this permit must be kept at the site at all times during site preparation, construction, and final stabilization. Copies of this permit and the stamped approved plans must be made available for review by any DEM or town representative upon request.
- 6. Within ten (10) days of the receipt of this permit, you must record this permit in the land evidence records of the Town of Foster and supply this Program with written documentation obtained from the Town showing this permit was recorded.
- 7. The effective date of this permit is the date this letter was issued. This permit expires five (5) years from the date of this letter unless renewed pursuant to the Rules.
- 8. Any material utilized in this project must be clean and free of matter that could pollute any jurisdictional area.
- 9. Prior to commencement of site alterations, you shall erect or post a sign resistant to the weather and at least twelve (12) inches wide and eighteen (18) inches long, which boldly identifies the initials "DEM" and the application number of this permit. This sign must be maintained at the site in a conspicuous location until such time that the project is complete.
- 10. Temporary erosion and sediment controls detailed or described on the approved site plans shall be properly installed at the site prior to or commensurate with site alterations. Such controls shall be properly maintained, replaced, supplemented, or modified as necessary throughout the life of this project to minimize soil erosion and to prevent sediment from being deposited in any freshwater wetland, buffer, floodplain, area subject to storm flowage, or area subject to flooding or other jurisdictional areas not subject to disturbance under this permit.
- 11. Upon permanent stabilization of all disturbed soils, temporary erosion and/or sediment controls must be removed.
- 12. You are responsible for the proper installation, operation, maintenance and stability of any mitigative features, stormwater treatment facilities, and systems of treatment and control that are installed or used in compliance with this permit to prevent harm to adjacent freshwater wetland, buffer or floodplain, area subject to storm flowage, or area subject to flooding or other jurisdictional areas until documentation is provided that this responsibility has been assigned to another entity.

The long-term operation and maintenance plan shall be strictly followed. The long-term operation and maintenance plan shall be that entitled "Stormwater System Operation & Maintenance Plan, Danielson Pike, Located in Foster, RI, Applicant: Green Wave CC" bearing the latest revision date of 6/5/2024, dated received June 17, 2024, prepared by: DiPrete Engineering.

- 13. If at any time during this project there is evidence of a "Recognized Environmental Concern" as defined in ASTM E-1527-13, soils must be sampled to determine if they exceed the soil objectives outlined in 250-RICR-140-30-1, "Rules and Regulations for the Investigation and Remediation of Hazardous Material Releases", Rule 1.6.1(C) effective 1-8-19, ("Remediation Regulations"). If the soil sampling exceeds Table 1 or Table 2 in Rule 1.9.2 of the Remediation Regulations, the RIDEM Office of Water Resources and Office of Land Revitalization and Sustainable Materials Management must be notified.
- 14. You must provide written certification from a registered land surveyor or registered professional engineer that the stormwater drainage system including any and all basins, piping systems, catch basins, culverts, swales and any other stormwater management control features have been constructed/installed in accordance with the site plans approved by this permit. This written certification must be submitted to this Program within twenty (20) days of its request or upon completion of the project.

### Telephone 401.222.4700 | www.dem.ri.gov | Rhode Island Relay 711

- 15. Prior to commencement of any site alterations, permanent buffer identification markers must be installed along the limit of disturbance at the locations depicted on the approved site plans, in order to provide permanent reference points on site that are clear to present and future property owners. Acceptable permanent type markers include 4" x 4" pressure treated timber posts, galvanized fence posts with cap, or granite or concrete bounds. Markers must extend a minimum twenty-four (24) inches above grade. A permanent-type tag or sign labeled "RIDEM Buffer Marker" must be placed on each marker. A permanent-type fence at least twenty-four (24) inches tall placed along the limits of disturbance and similarly labeled may be substituted where desired. No alterations of any kind are permitted beyond these markers without first obtaining the necessary permit from this Program.
- 16. Immediately upon installation of the depicted buffer markers, this Program must be contacted to arrange an on-site inspection. Once proper installation has been confirmed by this Program, work may be initiated on the project as herein approved.

Pursuant to the provisions in 250-RICR-150-15-3.8.13 and 250-RICR-150-15-3.14.4(A), as applicable, any properly recorded and valid Freshwater Wetlands Permit is automatically transferred to the new owner upon sale of the property.

You are required to comply with the terms and conditions of this permit and to carry out this project in compliance with the Rules at all times. Failure to do so may result in an enforcement action by this Department.

In permitting the proposed alterations, the DEM assumes no responsibility for damages resulting from faulty design or construction.

Kindly be advised that this permit is not equivalent to a verification of the type or extent of freshwater wetlands or jurisdictional areas on site. Should you wish to have the types and extent of freshwater wetlands verified, you may submit the appropriate application in accordance with 250-RICR-150-15-3.9.3.

This permit does not remove your obligation to obtain any local, state, or federal approvals or permits required by ordinance or law and does not relieve you from any duties owed to adjacent landowners with specific reference to any changes in drainage.

Please contact Rene Legault of this office (telephone: 401-537-4248) should you have any questions regarding this letter.

Sincerely,

and

Andy Charpentier, Environmental Scientist III Office of Water Resources Freshwater Wetlands Program

AC/RJL/rjl Enclosure: Approved site plans

ec: Raymond Taylor, DEM OWTS Program Neal Personeus, DEM Stormwater Program Michael Cote, DEM Office of Land Revitalization & Sustainable Materials Management Brenna Guay, P.E., DiPrete Engineering, Inc. George Dumont, Foster Building Official .

RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT ONSITE WASTEWATER TREATMENT SYSTEM CONSTRUCTION PERMIT www.dem.ri.gov/septic	FOR RIDEM USE ONLY	AMOUNT RECEIVED \$ CHECK # NOTE	CERTIFICATION	I, application and accompanying forms, submittals, plans and sketches in accordance with the RULEs of the RIDEM pertaining to OWTS and that all the information provided on this application and accompanying forms, submittals, plans and sketches is true and accurate.	Designer's Signature	Designer's Email	Business/Company Name	event and or on the property investery investery investment are she internation on this application, b) i will have a licensed OWTS installer to install the system proposed herein, c) the system will be installed in strict accordance with this application, d) i will have and retain the licensed OWTS designer of record to wilness and inspect the installation of the system, e) I assume all responsibility for the furth and accuracy of this application and all lability and	responsibility for any improper misialations of the system on this site and agree to hold the RIDEM harmless from any and all claims relating whatsoever to the system. In the case of a transfer agalorization, 1 acknowledge that the permit application and plans previously approved and accompanying this application are the operative documents subject to certification.	Owner's Phone Number		Owner's Email	PERMIT APPROVAL SECTION: DO NOT WRITE REI OW THIS I INF	Based upon the representations of the owner and the owner's agents, including the representations of the owner's OWTS designer,	responsibility or the dotted for the future set operation or maintenance of the aforesaid system, of the Renes or exitability of this system to this site, nor does it assume any responsibility for the activerse of the aforesaid system, of the future set	This approval is subject to future suspension or revocation in the event that subsequent examination reveals any data indicated on any application. form, submittal, plan or skeich to be incorrect or not in complexed, with the DH II SC or not conditioned on	such that the approved design is not in accordance with the RULES, or in the event that the system discharges inadequately treated wastewater to waters of the State or fails to operate satisfactority in any other manner.	IMPORTANT: Additional terms of approval as circled.	A. Bottom of feaching area excavation must be inspected by the RIDEM prior to placement of any gravel or stone. B. System installation must be inspected by RIDEM prior to covering any component of the system with backfill.	D. Joint Present state compared must containers and suptrations of variance(s) approved on D. Joint Present state compart provided in the construction. E. AE Technology: additional installation, operation or maintenance requirements may apply (see AE Technology Certification.) E. Copy of this form and Operation/Maintenance contract must be filed in land evidence records prior to conformance.	G. Proposed construction fails within "Coastal Zone". Contact Rhode Island Coastal Resources Management Council. H. Proper erosion and sedimentation controls must be installed prior to start of construction. I. Tansfer: See original permit for all applicable conditions. J. Other	Land heart history	L'interest in the second second	Signature of RIDEM Official Date of Approval Date of Expiration	falled reputs and all the
RHODE ISLAND DEPARTMENT ONSITE WASTEWATER TREATM www.de	and the day	APPLICATION No. DATE RECEIVED	TYPE OF APPLICATION (CHECK ALL THAT APPLY)	Transfer	SITE INFORMATION	Danclon Pi	NO. STREET CITY/TOWN POLE # PLAT NUMBER SUBDIVISION I OT NIIMBER	SF/ACRES	SUBDIVISION NAME SUBDIVISION SITE SUITABILITY CERTIFICATION #	OWNER INFORMATION	Clan Pike.	LAST NAME FIRST NAME M.I.	NO. STREET CITY/TOWN ZIP CODE	RIDEM APPLICATION HISTORY	PREVIOUS SITE TESTING VES ON APPLICATION #	DEPTH TO APPROVED WATER TABLE HOW DETERMINED	NDS within 200' OF OWTS 🔲 YES 🔲 NO	(ATION C) YES C) NO RIDEM FILE # DATE / /	LARGE SYSTEM LIVES LIND OCT FILE # IF APPLICABLE	(C	WATER SUPPLY: Dublic water Dublic well Drivate well # OF DESIGN UNITS	gallons per (unit) TOTAL DAILY FLOW gallons	D LEACHFIELD AREA square feet	addi Filler wy HXLD	TOTAL AREA OF LEACHFIELD PROVIDED

DESIGNER



- 4

### **DiPrete Engineering**

Engineers • Planners • Surveyors

**Pump Calculations** 

187 Danielson Pike AP 10 Lot(s) 25B Şubdivision Lot N/A Foster, Rhode Island

System Design

Type of Leachfield: Bottomless Sand Filter (BSF) Domestic Water Source: Well Number of Employees: 14 Design Flow: 210 gpd Max Dose: 28.5 gallons Number of Doses Per Day: 24 Design Dose: 8.8 gallons Transport Pipe Diameter: 1.5 in Transport Pipe Length: 10 ft Transport Pipe Volume: 0.9 gallons Total Dose Volume: 9.7 gallons

#### System Specifications

Septic Tank: 1,500 gallon (2-Compartment) Pump Chamber: 24" Diameter PVC Pump Chamber with Fiberglass Base Pump Specification: OSI Model PKP350 (1/2 HP) Operating at 41.2 gpm with 16.5 TDH (See Pump Chart)

#### **Pump Settings**

Pump Run Time: 0.2 minutes Pumping Frequency: 1.0 hours/dose Pump Off Time: 59.8 minutes Total Daily Run Time: 5.6 minutes Total Daily Off Time: 1434.4 minutes

#### **Float Settings**

Pump Chamber (PC) Volume Per Foot: 23.5 gallons/foot Pump Chamber Invert In Elevation: 637.87 Inside Bottom of Pump Chamber Elevation: 634.87 Minimum Liquid Level: 0.83 ft Pump Off Elevation: 635.70 Dose Depth: 0.50 ft Pump On Elevation: 636.20 High Water Alarm Elevation: 637.70 Storage Above Pump On: 39.2 gallons

#### Advantex Recirculation Settings

The Advantex AX20 Mode 3b provides a modernized treatment and reduced total suspended sediment (TSS) loading to the downstream components with nitrogen concentrations measured less than 19 mg/l at the pump basin.

#### Advantex Recirculating Timer Settings:

Recirculation Ratio Pump Run Time Timer "On" Timer "Off" Override Timer "On" Override Timer "Off" 5 X 210 GPD = 1,050 gallons 1,050 gal/15 gpm = 70.0 min 70.0 min/96 cycles = 0.7 min 15 min - 0.7 min = 14.3 min Same as Timer "On" = 0.7 min 14.3 min/2 = 7.1 min



L

Boston Providence Newport

1

Two Stafford Court Cranston, Rhode Island 02920

401-943-1000 www.diprete-eng.com

DE Project #: 2924-018 Date: 4/11/2024 Initials: SR

### Environmental Management

APR 1 5 2024

Office of Water Resources

## Pump Selection for a Pressurized System - Single Family Residence Project

187 Danielson Pike / Foster, RI

#### Parameters

Discharge Assembly Size	1.50	inches
Transport Length	10	feet
Transport Pipe Class	40	
Transport Line Size	1.50	inches
Distributing Valve Model	None	
Max Elevation Lift	6.38	feet
Manifold Length	6.67	feet
Manifold Pipe Class	40	
Manifold Pipe Size	1.25	inches
Number of Laterals per Cell	6	
Lateral Length	25.5	feet
Lateral Pipe Class	40	
Lateral Pipe Size	1.00	inches
Orifice Size	1/8	inches
Orifice Spacing	1.4	feet
Residual Head	3.43	feet
Flow Meter	None	inches
'Add-on' Friction Losses	0	feet
Calculations		
Minimum Flow Rate per Orifice	0.36	gpm
Number of Orifices per Zone	114	
Total Flow Rate per Zone	412	000

Minimum Flow Rate per Orifice	0.36	gpm
Number of Orifices per Zone	114	
Total Flow Rate per Zone	41.2	gpm
Number of Laterals per Zone	6	
% Flow Differential 1st/Last Orifice	3.4	%
Transport Velocity	6.5	fps

#### Frictional Head Losses

Loss through Discharge	5.1	feet
Loss in Transport	0.9	feet
Loss through Valve	0.0	feet
Loss in Manifold	0.4	feet
Loss in Laterals	0.3	feet
Loss through Flowmeter	0.0	feet
'Add-on' Friction Losses	0.0	feet

#### **Pipe Volumes**

Vol of Transport Line	1.1	gals
Vol of Manifold	0.5	gals
Vol of Laterals per Zone	6.9	gals
Total Volume	8.4	gals

#### Minimum Pump Requirements

Design Flow Rate	41.2	gpm
Total Dynamic Head	16.5	feet



#### PumpData

- PKP350 Effluent Pump
- 1/2HP, 115V 1Ø







## EXHIBIT B



Department of Transportation Division of Highway and Bridge Maintenance 360 Lincoln Avenue Warwick, RI 02888

March 14, 2025

Christopher Sands 771 Post Rd Wakefield RI 02879

### Subject: Physical Alteration Permit Application No. 24-65 Location: 187 Danieson Pike Foster RI 02825

Dear Christopher Sands:

In reference to the subject Physical Alteration Permit Application (PAPA) Number 24-65 for the proposed work in Foster, the application package received on March 14, 2025 has been reviewed and found to meet our design requirements. The Physical Alteration Permit authorizing construction of the work within or impacting the State Highway Right-of-Way will be issued upon receipt and acceptance of the following:

- Original Insurance Certificate (Section 4.8 Insurance Requirements of the Department's Rules and Regulations for PAPA)
- Original bond in the amount of \$16,301.84 for the proposed work within or impacting the State Highway Right-of-Way (Section 4.7 Bond Requirements of the Department's Rules and Regulations for PAPA)

Please note that if all these documents are not received within three (3) years of the date of this letter, the permit application will expire and no longer be valid, requiring re-submission of the application. Please be advised that pursuant to Section 4.6 Part A of the Department's Rules and Regulations regarding Physical Alteration Permits (PAPA Manual), the collection of a new application fee with a re-submittal is required.

If you have any questions, please contact Arlene Nelson at (401) 734-4842.

THIS LETTER SHALL NOT BE CONSTRUED AS A PHYSICAL ALTERATION PERMIT AUTHORIZING CONSTRUCTION WITHIN OR IMPACTING THE STATE HIGHWAY RIGHT-OF-WAY. A PERMIT WILL NOT BE GRANTED UNTIL ALL OF THE DOCUMENTATION REQUESTED ABOVE HAS BEEN RECEIVED AND ACCEPTED.

Sincerely,

Matthew J. Owellette

Matthew J. Ouellette, P.E. Deputy State Highway Maintenance Operations Engineer For additional information, please see the PAPA Manual at this URL: <u>http://www.dot.ri.gov/documents/doingbusiness/permits/PAPA\_Manual.pdf</u>

## EXHIBIT C

## ATTACHMENT 2B



## **ATTACHMENT 2C**



6/13/2024 PROPOSED SECURITY PLAN GREEN WAVE 187 DANIELSON PIKE FOSTER, RI 02825

## EXHIBIT D

## **ATTACHMENT 2F**





# **Green Wave CC LLC**

187 Danielson Pike Foster, RI 02825





















.