

OFFICE OF ADJUDICATIONS

IN THE MATTER OF : **APPLICATION NO. 200601632**

HAMMOCKS
COMMUNITY SEPTIC SYSTEM : **JULY 19, 2007**

PROPOSED FINAL DECISION

I
SUMMARY

The Hammocks Development Company, LLC (the applicant) has filed an application with the Department of Environmental Protection (DEP or staff)¹ for a permit to discharge wastewaters from a proposed on-site wastewater treatment and renovation system in Clinton. General Statutes §22a-430; Regs., Conn. State Agencies §§22a-430-3 and 22a-430-4. As this site is located in a coastal area, the permit must also be consistent with the Connecticut Coastal Management Act (CCMA). §§22a-90 through 22a-112.

The DEP published a tentative determination to approve this application, and staff has prepared a draft permit to authorize the discharge. A hearing was held on May 30, 2007 at Clinton Town Hall in Clinton. The parties are the applicant and DEP staff.

I have reviewed the evidence and the applicable statutory and regulatory criteria and find that this application complies with §22a-430, meets the goals and policies of the CCMA, and fulfills the applicable provisions of the implementing regulations. §§22a-430-3 and 22a-430-4. If constructed and operated as proposed, this system would protect the waters of the state from pollution. I therefore recommend that staff be authorized to review and approve construction plans and specifications. Once staff has verified that the system has been constructed in accordance with these plans and specifications, the discharge permit should be issued. (Attachment A.)

II
FINDINGS OF FACT
A
The Application

1. The DEP received this application for a water discharge permit on May 16, 2006.² The application also included a Coastal Consistency Review Form, as the site is located within the coastal boundary as defined in General Statutes §22a-94(b). The DEP issued its tentative determination to approve this application on January 25, 2007, and drafted a permit authorizing the discharge. The May 30 hearing was held in response to a petition filed with the DEP. (Exs. APP-1, 4, 6, 17; exs. DEP-1-7.)

2. The applicant proposes to construct an on-site subsurface wastewater treatment and renovation system (the system) to serve seven homes in a 53-lot active adult residential subdivision in Clinton.³ The subdivision is located on Beach Park Road and Waterside Lane in Clinton, approximately 2200 feet south of Route 1. The proposed system would treat up to 3150 gallons per day of domestic sewage.⁴ Its design flow is based on 150 gallons per day per twenty-one bedrooms (7 homes/3 bedrooms each). This design assumes six people per home; actual deed restrictions limit occupancy to four persons. The DEP requires that a system be designed (sized) on the basis of a relatively conservative design flow. (Exs. APP-2, 9; ex. DEP-9; test. 5/30/07⁵, T. Stevens, W. Herzig.)

¹ Bureau of Materials Management and Compliance Assurance, Water Permitting and Enforcement Division.

² A permit from the DEP is needed because more than one home is sharing a common or “community” system. General Statutes §22a-430; Regs., Conn. State Agencies §§22a-430-3, 22a-430-4. (Exs. DEP-11,12.)

³ The Clinton Planning & Zoning Commission approved the subdivision in 2005. The Clinton Inland Wetland and Conservation Commission also granted a permit for construction in 2005. (Exs. APP-5, 15.)

⁴ The remaining forty-six homes would be served by individual subsurface sewage disposal systems that would be permitted by the local health department.

⁵ The witnesses at the May 30 hearing were Thomas Stevens, P.E., for the applicant and Warren Herzig on behalf of DEP staff. Members of the public also made comments for the record. Further references to testimony will only note the name of the witness.

3. The seven homes to be served by the system will each have their own 1000-gallon septic tank. Effluent will be collected in a six-inch trunk line and discharged into a 5000-gallon pump pit. The pump pit will have twin, alternating one horsepower pumps with a two-inch discharge line to the system. The line will be sleeved at each roadway crossing. The floats are to be set to discharge 525 gallons per cycle (i.e. six cycles per day). The pump pit will provide twenty-four-hour storage in the event both pumps fail or there is a power outage. A back-up generator will also be available in the event of a power failure. A high water/ pump failure alarm will be monitored twenty-four hours a day, seven days a week. (Exs., APP-2, 9; test. T. Stevens.)

B
Resource Protection

4. The applicant has performed site investigations including test pits, hydraulic conductivity sampling and groundwater monitoring to characterize the site, its soils, ground water contours and site boundary conditions.⁶ The applicant has also responded to concerns raised throughout the process, such as the possible impact of the discharge on the salinity of the adjacent salt marsh. (Exs. APP-2, 3; ex. DEP-9; test. T. Stevens, W. Herzig.)

5. The site is in proximity to tidal wetlands immediately to the south; the Hammock River Salt Marsh surrounds the proposed system on three sides. Land located to the south of the system has been conveyed to the Clinton Land Conservation Trust, Inc., with certain covenants and improvements such as the perpetual maintenance of a walking trail and the installation of monitoring wells. (Exs. APP-9-12; ex. DEP-7.)

6. Four monitoring wells would be located between the system and the salt marsh; the permit would require monthly inspections with quarterly and annual reports. Agreed-upon effluent limitations are also included in the draft permit. (Exs. APP- 9, 13, 14; ex. DEP-7.)

⁶ The DEP has confirmed that there are no known extant populations of federal or state endangered, threatened or special concern species at the site. (Ex. APP-16.)

7. The fresh water generated by the system would not be a significant increase so as to impact the salinity of the marsh. The discharge from the system would also not impact the spread of phragmites. (Ex. APP-3; ex. DEP-9; test. T. Stevens, W. Herzig.)

8. Treated wastewaters would be discharged to the groundwater of the South Central Shoreline Watershed. DEP Water Quality Standards (WQS) set the ground water classification on the property as GA.⁷ The permit requires quarterly groundwater testing, the results of which would be sent to the DEP, the Clinton Water Pollution Control Commission (WPCC), the Connecticut River Area Health District and the Homeowner's Association. The WPCC and the Association will enter into an agreement to further insure proper management of the system. (Ex. APP- 8, exs. DEP-7, 10; test. W. Herzig.)

9. To be consistent with DEP design requirements for pollutant renovation, WQS, and the Public Health Code, wastewater must be treated to a level to protect the waters of the state from pollution and to maintain a high water quality. If the application satisfies the WQS, it would also be consistent with the CCMA. The pollutants likely to be present in domestic sewage -- bacteria, viruses, nitrogen, and phosphorus -- must therefore be treated to at least drinking water standards at the point of environmental concern⁸, here, the wetland boundary. (Exs. DEP-13, 15, 16; test. W. Herzig.)

C *System Design Requirements*

10. There are six DEP criteria relative to system design and performance. These are: (1) travel times for bacteria to environmental points of concern; (2) dilution of nitrogen to drinking water standards; (3) sorption⁹ of phosphorus accumulated over a six-month period; (4) treatment of virus; (5) Long Term Acceptance Rate (LTAR) for the system sizing; and (6) the hydraulic capacity of the on-site receiving soils. (Exs. DEP-9, 14; test. W. Herzig.)

⁷ This is groundwater deemed suitable for drinking without treatment. A permit may be issued to discharge treated domestic sewage to GA groundwater. Regs., Conn. State Agencies §22a-430-1. (Ex. DEP-10.)

⁸ A point of environmental concern may be a water body, wetland, property line or other sensitive receptor.

⁹ "Sorp" means to take up and hold by either absorption or adsorption.

11. For bacteria renovation, the effluent must travel underground for a minimum of 21 days prior to encountering the point of environmental concern. The most conservative analysis shows that a twenty-one-day time of travel equates to eighty-nine feet from the system. The wetland boundary is more than eighty-nine feet from the proposed system. (Ex. APP-2; ex. DEP-9; test. T. Stevens, W. Herzig)

12. There would be sufficient dilution of nitrogen. At the point of environmental concern, the nitrogen concentration in the groundwater would be 7.74 mg/l. The drinking water standard is 10.0 mg/l. (Ex. APP-2; ex. DEP-9; test. T. Stevens, W. Herzig)

13. For phosphorus removal, the soils must have the capacity to sorb at least six months production of phosphorus. The site will sorb six months production of phosphorus within three feet of the system. (Ex. APP-2; ex. DEP-9; test. T. Stevens, W. Herzig)

14. For virus removal, a minimum two feet of separating distance must be maintained between the bottom of the leaching structure and the mounded seasonal high ground water elevation. The bottom of the leaching field will be set at elevation 9.00 feet to provide a minimum separating distance of more than two feet of unsaturated soils for a discharge of 4725 gallons per day (gpd), which is the design flow plus 50% hydraulic reserve capacity. Even with the maximum observed tidal influence of five inches, the system design will insure appropriate separating distances from the bottom of the system during normal tidal fluctuations. (Ex. APP-2; ex. DEP-9; test. T. Stevens, W. Herzig)

15. A leaching system must be of sufficient hydraulic size to transmit treated effluent based on a maximum LTAR of 0.8 gallons per day (gpd) per square foot of effective leaching area.¹⁰ The system design is for a capacity of 4125 square feet of effective area. This capacity, multiplied by 0.8 gpd per square foot, is 3300 gpd, more than the maximum flow of 3150 gpd. (Ex. APP-2; ex. DEP-9; test. T. Stevens, W. Herzig.)

¹⁰ LTAR is the infiltrative loading rate at which an onsite wastewater soil absorption system will continuously accept effluent for a long period of time. LTAR is a function of wastewater strength and soil hydraulic conductivity. The DEP accepts a maximum LTAR of 0.8 gpd per square foot applied to the effective leaching area.

16. The site must have sufficient hydraulic capacity in the soil and groundwater system to transmit effluent for an adequate distance without surfacing or breakout on the ground surface. The site has the hydraulic capacity to transmit effluent sufficient distances without surfacing or breakout. An analysis was conducted using a flow one and one-half times the design flow (i.e., 4725 gallons per day). The site therefore capable of transmitting more than one and one-half times the design flow. (Ex. APP-2; ex. DEP-9; test. T. Stevens, W. Herzig.)

D

Alternative Technology

17. The use of seven advanced technology (AT) systems was suggested as an alternative to the proposed system. However, the lots to be served by the proposed system do not have the required on-site soils to dispose of the effluent from AT systems.¹¹ Also, AT systems are mechanical, requiring the use of blowers, aerators or pumps as well as the necessary controls. Active management of these systems is also needed to ensure effective operation and maintenance than the proposed system, which, except for the pumps, depends on nature and gravity. (Exs. DEP-3, 9; test. W. Herzig.)

18. The design of the proposed collection, conveyance and treatment systems conforms to recognized engineering principles. (Ex. DEP-9; test. T. Stevens, W. Herzig.)

III

CONCLUSIONS OF LAW

The Commissioner may not issue a permit for any discharge of water, substance or material into the waters of the state unless the Commissioner determines that a “proposed system to treat such discharge will protect the waters of the state from pollution.” 22a-430(b). Because the ground water classification for the site on which the proposed system would be built and operated is GA, the DEP, in accordance with its

¹¹ A soil-based system is required to renovate a portion of the nitrogen, phosphorus, bacteria and viruses. (Test. W. Herzig.)

WQS, required the applicant to show that the wastewater would be treated to a level to prevent pollution of groundwater and to maintain a high water quality. §22a-430-4(a)(4)(E).

The proposed system would treat the discharge as consistent with the standards set forth in the DEP WQS for ground water classified as GA. The system would treat the wastewater for specific pollutants likely to be found in domestic sewage at the point of environmental concern. The system is therefore consistent with the goals and policies of the Connecticut Coastal Management Act.

The proposed system for the collection, conveyance and treatment of the domestic sewage discharge has been designed in accordance with accepted engineering principles. No alternatives to the system are feasible or prudent, and the operation, maintenance and monitoring requirements set out in the draft permit will ensure that the system would function as designed and permitted.

The application for this water discharge permit meets all relevant and statutory requirements and the applicable DEP Water Quality Standards. The proposed on-site subsurface wastewater treatment and renovation system would protect the waters of the state from pollution.

IV
RECOMMENDATION

The Commissioner should authorize DEP staff to review and approve construction plans and specifications for the proposed system. Once staff has verified that the system has been constructed in accordance with these plans and specifications, the discharge permit should be issued. (Attachment A.)

/s/ J Deshais
Janice B. Deshais, Hearing Officer

Appendix A
PARTY LIST

Hammocks Community Septic System
Application No. 200601632

PARTY

REPRESENTED BY

The Applicant

Hammocks Community Development Company, LLC
114 West Main Street
P.O. Box 932
Clinton, CT 06413-0932

Peter M. Sipples, Esq.
11 Commerce Street
P.O. Box 286
Clinton, CT 06413

Department of Environmental Protection

Materials Management and Compliance Assurance
Water Permitting and Enforcement Division
79 Elm Street
Hartford, CT 06106

Warren Herzig

Petitioner

Ken Skidmore
33 Uncas Road
Clinton, CT 06413

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UIC PERMIT

issued to

Hammocks Development Company, LLC
114 West Main Street
P.O. Box 932
Clinton, CT 06413-0932

Location Address: The Hammocks
Osprey Commons
Clinton, CT 06413

Facility ID: 027-068

Permit ID: UI0000440

Permit Expires:

Watershed: South Central Shoreline

Basin Code: 5000

SECTION 1: GENERAL PROVISIONS

- (A) This permit is issued in accordance with section 1421 of the Federal Safe Drinking Water Act 42 USC et. seq. and section 22a-430 of Chapter 446k, Connecticut General Statutes ("CGS"), and Regulations of Connecticut State Agencies ("RCSA") adopted thereunder, as amended.
- (B) Hammocks Development Company, LLC, ("Permittee"), shall comply with all conditions of this permit including the following sections of the RCSA which have been adopted pursuant to section 22a-430 of the CGS and are hereby incorporated into this permit. Your attention is especially drawn to the notification requirements of subsection (i)(2), (i)(3), (j)(1), (j)(6), (j)(8), (j)(9)(C), (j)(11)(C), (D), (E), and (F), (k)(3) and (4) and (l)(2) of section 22a-430-3.

Section 22a-430-3 General Conditions

- (a) Definitions
- (b) General
- (c) Inspection and Entry
- (d) Effect of a Permit
- (e) Duty
- (f) Proper Operation and Maintenance
- (g) Sludge Disposal
- (h) Duty to Mitigate
- (i) Facility Modifications; Notification
- (j) Monitoring, Records and Reporting Requirements
- (k) Bypass
- (l) Conditions Applicable to POTWs
- (m) Effluent Limitation Violations (Upsets)
- (n) Enforcement
- (o) Resource Conservation
- (p) Spill Prevention and Control
- (q) Instrumentation, Alarms, Flow Recorders
- (r) Equalization

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Section 22a-430-4 Procedures and Criteria

- (a) Duty to Apply
 - (b) Duty to Reapply
 - (c) Application Requirements
 - (d) Preliminary Review
 - (e) Tentative Determination
 - (f) Draft Permits, Fact Sheets
 - (g) Public Notice, Notice of Hearing
 - (h) Public Comments
 - (i) Final Determination
 - (j) Public Hearings
 - (k) Submission of Plans and Specifications. Approval.
 - (l) Establishing Effluent Limitations and Conditions
 - (m) Case by Case Determinations
 - (n) Permit issuance or renewal
 - (o) Permit Transfer
 - (p) Permit revocation, denial or modification
 - (q) Variances
 - (r) Secondary Treatment Requirements
 - (s) Treatment Requirements for Metals and Cyanide
 - (t) Discharges to POTWs - Prohibitions
- (C) Violations of any of the terms, conditions, or limitations contained in this permit may subject the Permittee to enforcement action, including but not limited to, seeking penalties, injunctions and/or forfeitures pursuant to applicable sections of the CGS and RCSA.
- (D) Any false statement in any information submitted pursuant to this permit may be punishable as a criminal offense under section 22a-438 or 22a-131a of the CGS or in accordance with section 22a-6, under section 53a-157 of the CGS.
- (E) No provision of this permit and no action or inaction by the Commissioner of Environmental Protection (“Commissioner”) shall be construed to constitute an assurance by the Commissioner that the actions taken by the Permittee pursuant to this permit will result in compliance or prevent or abate pollution.
- (F) The authorization to discharge under this permit may not be transferred without prior written approval of the Commissioner. To request such approval, the Permittee and proposed transferee shall register such proposed transfer with the Commissioner, at least 30 days prior to the transferee becoming legally responsible for creating or maintaining any discharge which is the subject of the permit transfer. Failure, by the transferee, to obtain the Commissioner's approval prior to commencing such discharge(s) may subject the transferee to enforcement action for discharging without a permit pursuant to applicable sections of the CGS and RCSA.
- (G) Nothing in this permit shall relieve the Permittee of other obligations under applicable federal, state and local law.
- (H) An annual fee shall be paid for each year this permit is in effect as set forth in section 22a-430-7 of the RCSA.
- (I) This permitted discharge is consistent with the applicable goals and policies of the Connecticut Coastal Management Act (section 22a-92 of the CGS).

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SECTION 2: DEFINITIONS

- (A) The definitions of the terms used in this permit shall be the same as the definitions contained in section 22a-423 of the CGS and section 22a-430-3(a) and 22a-430-6 of the RCSA.
- (B) In addition to the above the following definitions shall apply to this permit:
 - "Annual" in the context of a sampling frequency, shall mean the sample must be taken in the month of February.
 - "Quarterly", in the context of a sampling frequency, shall mean sampling is required in the months of February, May, August, and November.
 - "3 times per year", in the context of a maintenance frequency, shall mean the maintenance must be performed at least 3 times during the period of May to November.

SECTION 3: COMMISSIONER'S DECISION

- (A) The Commissioner has made a final determination and found that the system installed for the treatment of the discharge, will protect the waters of the state from pollution. The Commissioner's decision is based on **Application No. 200601632** for permit issuance received on May 17, 2006 and the administrative record established in the processing of that application.
- (B) The Commissioner hereby authorizes the Permittee to discharge 3150 gallons per day of domestic sewage in accordance with the provisions of this permit, the above referenced application, and all approvals issued by the Commissioner or the Commissioner's authorized agent for the discharges and/or activities authorized by, or associated with, this permit.
- (C) The Commissioner reserves the right to make appropriate revisions to the permit in order to establish any appropriate effluent limitations, schedules of compliance, or other provisions which may be authorized under the Federal Safe Drinking Water Act or the Connecticut General Statutes or regulations adopted thereunder, as amended. The permit as modified or renewed under this paragraph may also contain any other requirements of the Federal Safe Drinking Water Act or Connecticut General Statutes or regulations adopted thereunder which are then applicable.

SECTION 4: EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

- (A) The use of sewage system additives, as defined in section 22a-460(g) of the CGS, are prohibited unless such additive is registered with the Commissioner in accordance with section 22a-462-3 of the RCSA. The Commissioner in no way certifies the safety or effectiveness of any registered additive. **The Permittee shall include in the public offering statement, condominium instruments, rules and regulations adopted pursuant thereto, and any management agreement for the facility the requirement that no sewage system additive shall be used in the subject treatment system unless such additives is registered with the Commissioner, in accordance with section 22a-462-3 of the RCSA.**
- (B) Oils, greases, industrial or commercial wastes, toxic chemicals, wastes from water treatment systems, or other substances, that will adversely affect the operation of the subsurface sewage treatment and disposal system, or, which may pollute ground water, shall not be discharged to the subsurface sewage treatment and disposal system. **The Permittee shall include in the public offering statement, condominium instruments, and rules and regulations adopted pursuant thereto, and any management agreement for community sewerage system the requirement that no oils, greases, industrial or commercial wastes, toxic chemicals, wastes from water treatment systems or other liquids that will adversely affect the operation of the**

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subsurface sewage treatment and disposal system or which may pollute ground water shall be discharged to the subsurface sewage treatment and disposal system.

- (C) The Permittee shall assure that groundwater affected by the subject discharge shall conform to the Connecticut Water Quality Standards.
- (D) Any limits imposed on the discharges listed in this permit take effect on the issuance date of this permit, hence any sample taken after this date which, upon analysis, shows an exceedance of permit limits will be considered non-compliance.

The monitoring requirements of this permit begin on the date of issuance of this permit if the issuance date is on or before the 12th day of a month. For permits issued on or after the 13th day of a month, monitoring requirements begin the 1st day of the following month.

- (E) The discharge shall not exceed and shall otherwise conform to specific terms and conditions listed below. The discharge is restricted by, and shall be monitored in accordance with, the table below.

TABLE A	
Discharge Serial No. 301-2	Monitoring Location:
Wastewater Description: Domestic Sewage	
Monitoring Location Description: Pump Station	
Average Daily Flow: 2100	Maximum Daily Flow: 3150

- (F) The treatment facilities shall be monitored, inspected and maintained in accordance with the following schedule:

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TABLE B

<u>INSPECTION, MONITORING, or MAINTENANCE</u>	<u>DISCHARGE SERIAL NO.</u>	<u>MINIMUM FREQUENCY</u>
Mechanical inspection of pump station	301-2	Monthly
Mechanical inspection of septic tank baffles	301-2	During pump out
Mechanical inspection of septic tank effluent filters	301-2	Annually
Clean septic tank effluent filters	301-2	As needed
Visual inspection of distribution chambers	301-2	Quarterly
Visual inspection of surface condition of leaching fields	301-2	Quarterly
Depth of sludge in septic tanks	301-2	During pump out
Measurement of ground water level	301-2	Quarterly
Water meter readings of water usage	301-2	Monthly
Test run of emergency generator	301-2	Monthly
Pump out septic tanks	301-2	Annually
Pump out pump chambers	301-2	Every 3 years
Depth of ponding in leachfield	301-2	Quarterly
Mow grass over leachfield	301-2	3 times per year
NOTE: The Connecticut River Area Health District Sanitarian shall be notified at least one week prior to pumping of septic tanks. Verification of all pump outs shall be attached to the monitoring report and a copy of the report shall be sent to the Connecticut River Area Health District, Director of Health.		

- (G) The Permittee shall perform the following ground water monitoring in accordance with the monitoring plan approved by the Commissioner. The requirement that the monitoring plan be performed shall be included in the Public Offering Statement, Condominium Bylaws, and the rules and regulations adopted thereto.

**TABLE C
(GROUNDWATER MONITORING)**

DISCHARGE SERIAL NO.	MONITORING LOCATION:
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301 A, 301 B, 301 C, 301 D		W-downgradient	
GROUND WATER MONITORING WELL NO.: MW 1, 2, 3, and 4		DESCRIPTION: downgradient monitoring wells	
PARAMETER	UNITS	MINIMUM FREQUENCY OF SAMPLING	SAMPLE TYPE
Coliform, Fecal	col/100ml	Quarterly	Grab
Groundwater Depth	Ft, in	Quarterly	Instantaneous
Nitrogen, Ammonia	mg/l	Quarterly	Grab
Nitrogen, Nitrate	mg/l	Quarterly	Grab
Nitrogen, Nitrite	mg/l	Quarterly	Grab
Nitrogen, Total Kjeldahl	mg/l	Quarterly	Grab
Nitrogen, Total	mg/l	Quarterly	Grab
pH	S.U.	Quarterly	Instantaneous
Phosphorus, Total	mg/l	Quarterly	Grab

SECTION 5: SAMPLE COLLECTION, HANDLING AND ANALYTICAL TECHNIQUES AND REPORTING REQUIREMENTS

- (A) Chemical analyses to determine compliance with effluent limits and conditions established in this permit shall employ methods approved by the Environmental Protection Agency pursuant to 40 CFR 136 unless an alternative method has been approved in writing in accordance with 40 CFR 136.4.
- (B) The results of chemical analysis and treatment facilities monitoring required by Section 4 shall be entered on the Discharge Monitoring Report (DMR), provided by this office, and reported to the Bureau of Materials Management and Compliance Assurance, at the following address, by the end of the month following the month in which the samples are taken.

Bureau of Materials Management and Compliance Assurance
Water Permitting and Enforcement Division (Attn: DMR Processing)
Connecticut Department of Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

SECTION 6: COMPLIANCE SCHEDULE

- (A) On or before seven (7) days after issuance of this permit, the Permittee shall record on the land records of the Town of Clinton a document indicating the location of the zone of influence created by the subject discharge, as reflected in the application for this permit. The Applicant shall obtain the Commissioner's written approval of such document before recording it. On or before one (1) month after issuance of this permit, the Permittee shall submit written verification to the Commissioner that the approved document indicating the location of the zone of influence created by the subject discharge as reflected in the application for this permit has been recorded on the land records in the Town of Clinton.
- (B) On or before seven (7) days after issuance of this permit, the Permittee shall record a copy thereof on the land records in the Town of Clinton. On or before one (1) month after issuance of this permit, the Permittee shall

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submit written verification to the Commissioner that this permit has been recorded in the land records in the Town of Clinton.

- (C) Copies of all DMRs shall be submitted concurrently to the local Water Pollution Control Authority (hereinafter "WPCA").
- (D) Copies of all DMRs shall be submitted concurrently to the local Health Department.

This permit is hereby issued on

Gina McCarthy
Commissioner

GM/WH/vd

cc: Connecticut River Health District
Clinton Water Pollution Control Commission
Thomas Stevens
DMR

DATA TRACKING AND TECHNICAL FACT SHEET

PERMIT #: UI0000440 **APPLICATION #:** 200601632 **DEP/WPC#:**027-068

PERMIT # UI0000440

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DISCHARGER NAME AND ADDRESS DATA

Permittee: Hammocks Development Company, LLC

Mailing Address:

Location Address:

Street: 14 West Main Street
P.O. Box 932

Street: Osprey Commons

City: Clinton ST: CT Zip 06413- City: Clinton St. CT Zip: 06413
: 0932

Contact Name:

Contact Name:

Mark W. Richards

PERMIT DURATION

5 YEAR () 10 YEAR (X) 30 YEAR ()

DISCHARGE CATEGORIZATION

POINT() NON-POINT(X) GIS # _____

NPDES() PRETREAT() GROUND WATER(UIC)(X) GROUND WATER (OTHER)()

MAJOR() SIGNIFICANT MINOR() MINOR(X)

COMPLIANCE SCHEDULE YES X NO _____

POLLUTION PREVENTION() TREATMENT REQUIREMENT() WATER CONSERVATION()

PERMIT STEPS () WATER QUALITY REQUIREMENT() REMEDIATION() OTHER()

OWNERSHIP CODE

Private(X) Federal() State() Municipal(town only)() Other public()

UIC PERMIT INFORMATION

Total Wells 1 Well Type: 5W11

PERMIT # UI0000440

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PERMIT FEES

DISCHARGE CODE _____ REPRESENTING DSN 301-2 ANNUAL FEE \$

DEP STAFF ENGINEER/ANALYST Warren Herzig

PERMIT TYPE

New Reissuance Modification Subsection-e

NATURE OF BUSINESS GENERATING DISCHARGE

7 homes located at the Hammocks subdivision

PROCESS AND TREATMENT DESCRIPTION (by DSN)

301-2 individual septic tanks
pump station
leaching field

RESOURCES USED TO DRAFT PERMIT

- Federal Effluent Limitation Guideline 40CFR
name of category
- Performance Standards
- Federal Development Document
name of category
- Treatability Manual
- Department File Information
- Connecticut Water Quality Standards
- Anti-degradation Policy
- Coastal Management Consistency Review Form
- Other - Explain

BASIS FOR LIMITATIONS, STANDARDS OR CONDITIONS

- Case-by-Case Determination (See Other Comments)

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X Section 22a-430-4(s) of the Regulations of Connecticut State Agencies

OTHER COMMENTS

A community system with a discharge of less than 5,000 gallons/day is being proposed. The proposed community system includes septic tanks, a pump station, and leaching system. The Clinton Water Pollution Control Commission has submitted a letter dated June 22, 2004 (2006) of its intention to ensure effective management of the community system.

In a letter June 13, 2006 Ken Skidmore requested that the Department grant a public hearing on the application.

The Office of Adjudications has granted the request of Ken Skidmore for a public hearing on this matter per a letter dated September 6, 2006. The Department will publish notice announcing the date and location of the public hearing after the close of the thirty day comment period for the notice of tentative determination and at least thirty days prior to the hearing.

Permit application received May 17, 2006
Notice of Sufficiency July 31, 2006

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REVISED:

05/24/06 by Kim Hudak – not complete
10/25/06 by Kim Hudak -