

Department of Buildings and Facilities
Town of Hinesburg
10632 Rte 116
Hinesburg, VT 05461
www.hinesburg.org
hinesburgpw@hinesburg.org
802.482.2096x229

Wastewater Allocation Request

Applicant Name and Address:

Hinesburg Center, LLC.
C/O Brett Grabowski
32 Seymour Street #101
Williston, VT 05495

Property Owner(s) Name and Address:

Same as Applicant

Project name, location and brief description (specify number of living units or type of commercial or industrial use:

Hinesburg Center Project, Farmall Drive & VT Route 116. The requested allocation will serve the Phase II development to consist of 69 residential units and 14,400 s.f. of commercial/ industrial/ retail space anticipated to have a maximum of 100 employees, a 100 seat restaurant , a six chair dental office and a laundromat with ten washers, plus an infiltration allowance.

Plans developed by (if applicable): Ruggiano Engineering, Inc.

Based on information above, wastewater allocation requested: 25,763 gallons per day

Signature of Applicant: *[Signature]* Date: 5-10-15

Departmental Approval

Planning & Zoning Site or Sketch Plan Approval Received ___ Yes ___ No Date Received _____

Buildings and Facilities Dept./ Recommend Approval ___ Yes ___ No With following conditions:

Approved by the Hinesburg Selectboard on (date) _____

For the Hinesburg Selectboard _____

Town Administrator

Basis of Design

WASTEWATER DISPOSAL- Phase 2

69 Residential Units:

69 units x 210 gpd/unit connected to municipal system = 14,490 gpd

1st Floor Commercial/General Office/Industrial

100 workers/shift x 15 gpd/worker x 0.80 reduction for municipal connection = 1,200 gpd

100 Seat Restaurant (3 Meals/Day)

100 seats x 45 gpd/seat x 0.80 reduction for municipal connection = 3,600 gpd

Dental office (6 Chairs, 10 Staff)

6 chairs x 200 gpd/chair x 0.80 reduction for municipal connection = 960 gpd

10 staff members x 35 gpd/staff member x 0.80 reduction for municipal = 280 gpd

Total for dental office = 1,240 gpd

Laundromat (10 Washers)

10 machines x 500 gpd/machine x 0.80 reduction for municipal connection = 4,000 gpd

Infiltration (1,400 LF of 8" pipe and 1,750 LF of 6" pipe)

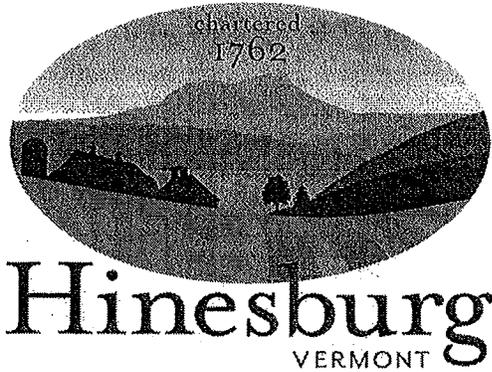
300 gpd/in. dia./mile x 8 in. x 1,400 LF/5,280 LF/mile = 636.4 gpd

300 gpd/in. dia./mile x 6 in. x 1,750 LF/5,280 LF/mile = 596.6 gpd

Total infiltration = 1,233 gpd

Total wastewater disposal design flows: 25,763 gpd

*9 Affordable
Per zoning
Regs*



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Project name, location and brief description (specify number of living units or type of commercial or industrial use:

Hinesburg Center Project, Farmall Drive & VT Route 116. The requested allocation is an amendment to lot/building 48, to add a hairdresser with six chairs and 6 employees/operators.

Plans developed by (if applicable): Ruggiano Engineering, Inc.

Based on information above, wastewater allocation requested: 768 gallons per day

Signature of Applicant: *[Signature]* Date: 5-10-15

Departmental Approval

Planning & Zoning Site or Sketch Plan Approval Received ___ Yes ___ No Date Received _____

Buildings and Facilities Dept./ Recommend Approval ___ Yes ___ No With following conditions:

Approved by the Hinesburg Selectboard on (date) _____

For the Hinesburg Selectboard _____

Town Administrator

Basis of Design – Hairdresser Only

WATER SUPPLY – Lot 48, Hairdresser

Hairdresser Design Flow for Water

6 chairs x 150 gpd/chair x 0.90 reduction for low-flow fixtures = 810 gpd

6 chair operators x 10 gpd/operator x 0.90 reduction for low-flow fixtures = 54 gpd

Total water supply design flow: 864 gpd

WASTEWATER DISPOSAL- Lot 48, Hairdresser

Hairdresser Design Flow for Wastewater

6 chair hairdresser x 150 gpd/chair x 0.80 reduction for municipal connection = 720 gpd

6 chair operators x 10 gpd/operator x 0.80 reduction for municipal connection = 48 gpd

Total wastewater disposal design flow: 768 gpd