Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 10/12/17

General Notes
(attachment to form HHE-200)
1,000-2,000 gpd Septic System

1. The nature of the site evaluation profession is one of interpretation of soil and site conditions. We, in the field, attem a satisfactory service to the client, and comply by the rules by which we are bound - the Maine Subsurface Wastewater Disposal Rules. If at any time you, the client, are not satisfied with the service provided or the results found, it is your right to hire another site evaluator for a second opinion.

2. Property information is supplied by the owner, applicant or representative. Such information presented herein shall be verified as correct by the owner or applicant prior to signing this application.

3. All work shall be in accordance with the Maine Subsurface Wastewater Disposal Rules dated 1/18/11, as amended.

4. All work on the disposal field should be performed under dry conditions.

5. No vehicular or equipment traffic to be allowed on disposal area unless H-20 load is specified. Disposal field shall be constructed from outside the corner stakes located in the field. The downslope area is also to be protected in the same manner.

6. Backfill, if required, is to be gravelly coarse sand texture and to be free of foreign debris. (per table 11A of the Maine Subsurface Wastewater Disposal Rules). If backfill is coarser than original soil, then mix a minimum of 4" of backfill material into original soil.

7. No neighboring wells are apparent (unless so indicated) within 200' of disposal area. Owner or applicant shall verify this prior to signing the application.

8. The disposal field stone shall be clean, uniform in size and free of fines, dust, ashes, or clay. It shall have a nominal size of ¾" or 1½" (per Table 11B of the Maine Subsurface Wastewater Disposal Rules).

9. Minimum separation distances required (unless reduced by variance or special circumstance).

a)	wells with water usage of 2000 or more gpd or public water supply wells:	
	Disposal Fields:	300'
	Treatment Tanks:	150'
b)	potable water supply to disposal area:	200'
c)	potable water supply to treatment tank:	100'
d)	treatment tank to lake, river, stream or brook:	100' for major watercourse, 50' for minor water course
e)	disposal field to lake, river, stream or brook:	200' for major watercourse, 100' for minor watercourse
f)	house to treatment tank:	14'
g)	house to disposal field:	30'

- For all other separation distances, use separations for 1,000-2,000 gpd per Maine Subsurface Wastewater Disposal Rules Table 7B for first-time systems and Table 8A for replacement systems.

10. Location of septic system near a wetland may require a separate permit. As such, the owner, prior to construction of the septic system, shall hire a professional to evaluate proximity of adjacent wetlands and prepare necessary permit applications.

11. Garbage disposals are not recommended and, if installed, are done so at the owner's risk. The additional waste load requires increased maintenance frequency and may cause premature failure of disposal field.

12. Pump stations, when required, shall be installed watertight to prevent infiltration of ground and/or surface water.

13. Force mains and pressure lines shall be flushed of any foreign material and pumps shall be checked for proper on/off cycle before being put into service.

14. Force mains, pump stations, and/or gravity piping subject to freezing shall be installed below frost line or adequately insulated.

DOWNEAST VETERINARY EMERGENCY CLINIC

Water Use Records and Percentile Calculations

rev. 02/2004

Date	cubic feet	gallons	# days	avg. gpd
2-Aug-2016	5600	41893.60	33	1269.50
31-Aug-2016	5400	40397.40	29	1393.01
3-Oct-2016	6000	44886.00	33	1360.18
2-Nov-2016	5100	38153.10	30	1271.77
5-Dec-2016	5400	40397.40	33	1224.16
4-Jan-2017	4700	35160.70	30	1172.02
3-Feb-2017	5200	38901.20	30	1296.71
3-Mar-2017	4800	35908.80	28	1282.46
4-Apr-2017	5500	41145.50	32	1285.80
3-May-2017	5400	40397.40	29	1393.01
2-Jun-2017	5600	41893.60	30	1396.45
5-Jul-2017	6200	46382.20	33	1405.52
2-Aug-2017	5800	43389.80	28	1549.64
31-Aug-2017	5800	43389.80	29	1496.20

Daily	Weekly	Monthly	Quarterly
80th percentile	85th percentile	90th percentile	95th percentile
1400	1410	1469	1515

	cubic feet	gallons
total	76500.00	572296.50
average	5464.29	40878.32

To use: Enter the date, number of days, and cubic feet. The gallons and percentiles will be calculated automatically by the spreadsheet. To add more readings, simply insert additional rows into the spreadsheet. Choose the precentile which corresponds to the reading frequency: daily, weekly, monthly, or quarterly.

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CASA, INC. (OFFICE BUILDING)

Water Use Records and Percentile Calculations

rev. 02/2004

Date	cubic feet	gallons	# days	avg. gpd
2-Aug-2016	300	2244.30	25	89.77
30-Aug-2016	400	2992.40	21	142.50
3-Oct-2016	400	2992.40	25	119.70
2-Nov-2016	300	2244.30	22	102.01
5-Dec-2016	400	2992.40	25	119.70
4-Jan-2017	200	1496.20	22	68.01
3-Feb-2017	700	5236.70	22	238.03
3-Mar-2017	200	1496.20	20	74.81
4-Apr-2017	300	2244.30	24	93.51
3-May-2017	400	2992.40	21	142.50
2-Jun-2017	600	4488.60	22	204.03
5-Jul-2017	300	2244.30	25	89.77
2-Aug-2017	300	2244.30	20	112.22
31-Aug-2017	300	2244.30	21	106.87

Daily	Weekly	Monthly	Quarterly
80th percentile	85th percentile	90th percentile	95th percentile
142	146	186	216

	cubic feet	gallons
total	5100.00	38153.10
average	364.29	2725.22

To use: Enter the date, number of days, and cubic feet. The gallons and percentiles will be calculated automatically by the spreadsheet. To add more readings, simply insert additional rows into the spreadsheet. Choose the precentile which corresponds to the reading frequency: daily, weekly, monthly, or quarterly.

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