

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept Health & Human Services Division
 of Health Engineering, 10 SHS (207) 287-5672
 Fax: (207) 287-3165

PROPERTY LOCATION		>>CAUTION: PERMIT REQUIRED - ATTACH IN SPACE BELOW<<	
City, Town, or Plantation	Augusta	AUGUSTA PERMIT #6845 TOWN COPY Date Permit Issued: <u>9/12/13</u> \$ <u>265</u> - fee LPI # <u>1137</u>	
Street or Road	231 Cony Road		
Subdivision, Lot #	<u>M56/L15 RR 9/12/13</u>		
OWNER/APPLICANT INFORMATION			
Name (last, first, MI)	Meader, Jodi	I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal rules Application. _____ (1st) date approved _____ (2nd) date approved	
Mailing Address of Applicant	231 Cony Road Augusta, ME 04330		
Daytime Tel.#	441-2461		
Owner or Applicant Statement		CAUTION: INSPECTION REQUIRED	
I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a Permit <u>Amanda Teja (contractor)</u> <u>9/12/13</u> Signature of Owner or Applicant Date			

PERMIT INFORMATION			
TYPE OF APPLICATION <input type="checkbox"/> 1. First Time System <input checked="" type="checkbox"/> 2. Replacement System Type replaced: Trench Year installed: 60's? <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. Minor Expansion <input type="checkbox"/> b. Major Expansion <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	THIS APPLICATION REQUIRES <input checked="" type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit	DISPOSAL SYSTEM COMPONENTS <input checked="" type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt. toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: <input type="checkbox"/> 4. Non-engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-engineered Disposal Field (only) <input type="checkbox"/> 7. Separated laundry System <input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered disposal field (only) <input type="checkbox"/> 11. Pre-treatment, specify: <input type="checkbox"/> 12. Miscellaneous components	DISPOSAL SYSTEM TO SERVE <input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: 2 <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: <input type="checkbox"/> 3. Other: _____ Specify _____ Current Use <input type="checkbox"/> Seasonal <input checked="" type="checkbox"/> Year Round <input type="checkbox"/> Undeveloped
SIZE OF PROPERTY +/- 17,000 <input checked="" type="checkbox"/> SQ.FT. <input type="checkbox"/> ACRES	SHORELAND ZONING <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	TYPE OF WATER SUPPLY <input type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input checked="" type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other	

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
TREATMENT TANK <input checked="" type="checkbox"/> 1. Concrete <input checked="" type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other: CAPACITY: 1,000	DISPOSAL FIELD TYPE & SIZE <input checked="" type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input checked="" type="checkbox"/> 3. Proprietary Device <input type="checkbox"/> a. Cluster array <input checked="" type="checkbox"/> c. Linear <input checked="" type="checkbox"/> b. regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: Size: 750 <input checked="" type="checkbox"/> sq. ft. <input type="checkbox"/> lin. ft.	GARBAGE DISPOSAL UNIT <input checked="" type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes or Maybe, specify one below: <input type="checkbox"/> a. Multi-compartment tank <input type="checkbox"/> b. _____ tanks in series <input type="checkbox"/> c. Increase in tank capacity <input type="checkbox"/> d. Filter on Tank Outlet	DESIGN FLOW _____ 180 gallons per day BASED ON: <input checked="" type="checkbox"/> 1. Table 501.1 (dwelling unit(s)) <input type="checkbox"/> 2. Table 501.2 (other facilities) SHOW CALCULATIONS for other facilities <input type="checkbox"/> 3. Section 503.0 (meter readings) ATTACH WATER METER DATA LATITUDE AND LONGITUDE at center of disposal area Lat. 44 d 18 m 173 s Lon. 69 d 44 m 534 s if g.p.s., state margin or error:
SOIL DATA & DESIGN CLASS PROFILE B CONDITION C DESIGN 1 at Observation Hole # 1 Depth 15" of Most Limiting Soil Factor	DISPOSAL FIELD SIZING <input type="checkbox"/> 1. Small---2.0 sq. ft./gpd <input type="checkbox"/> 2. Medium---2.6 sq. ft./gpd <input checked="" type="checkbox"/> 3. Medium---Large 3.3 sq. ft./gpd <input type="checkbox"/> 4. Large---4.1 sq. ft./gpd <input type="checkbox"/> 5. Extra Large---5.0 sq. ft./gpd	EFFLUENT/EJECTOR PUMP <input type="checkbox"/> 1. Not Required <input type="checkbox"/> 2. May Be Required <input checked="" type="checkbox"/> 3. Required Specify only for engineered systems: DOSE: _____ gallons	

SITE EVALUATOR STATEMENT	
I certify that on <u>6 May 2013</u> (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal rules (10-144A CMR 241).	
 Site Evaluator Signature Stephen P. Robbins	S.E. # 301 5/8/2013 377-6707 narrowspd@aol.com
Note: Changes to or deviations from the design should be confirmed with the Site Evaluator	

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Town, City, Plantation

Augusta

Street, Road Subdivision

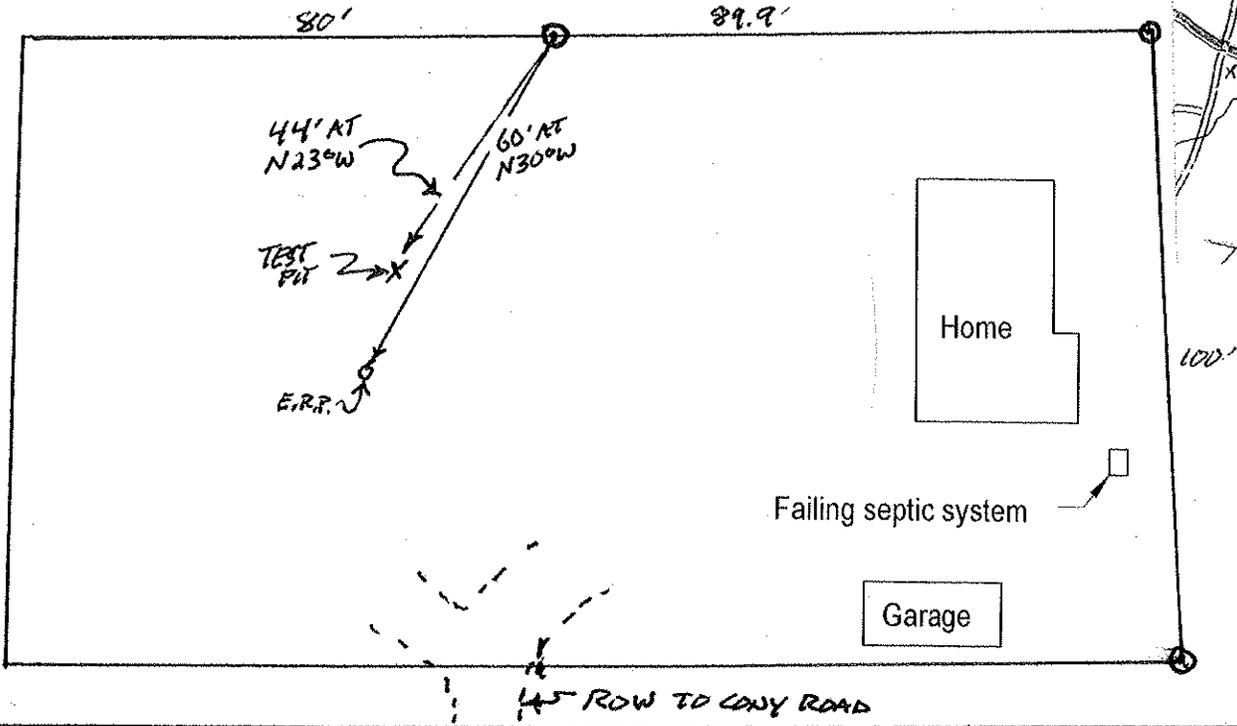
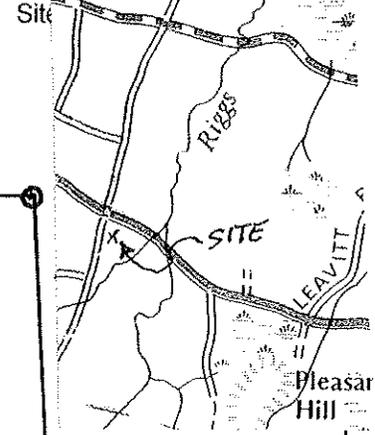
231 Cony Road,

Owner's Name

Meader, Jodi

SITE PLAN

Scale 1" = **30** Ft.
 or as shown



SOIL DESCRIPTION AND CLASSIFICATION (LOCATION OF OBSERVATION HOLES SHOWN ABOVE)

Observation Hole #1 Test Pit Boring

1 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0	Silt loam	Friable	Brown	
10	Silt		Olive yellow	
20		Somewhat firm	Olive	Few
30		Firm		
40				
50				

Soil Classification **S C** Slope **3-7%** Limiting Factor **15"** Ground Water Restrictive Layer Bedrock Pit Depth

Observation Hole Test Pit Boring

" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0				
10				
20				
30				
40				
50				

Soil Classification Slope Limiting Ground Water Restrictive Layer Bedrock Pit Depth

Stephen P. Robbins

301

Site Evaluator Signature

SE #

5/8/2013

Date

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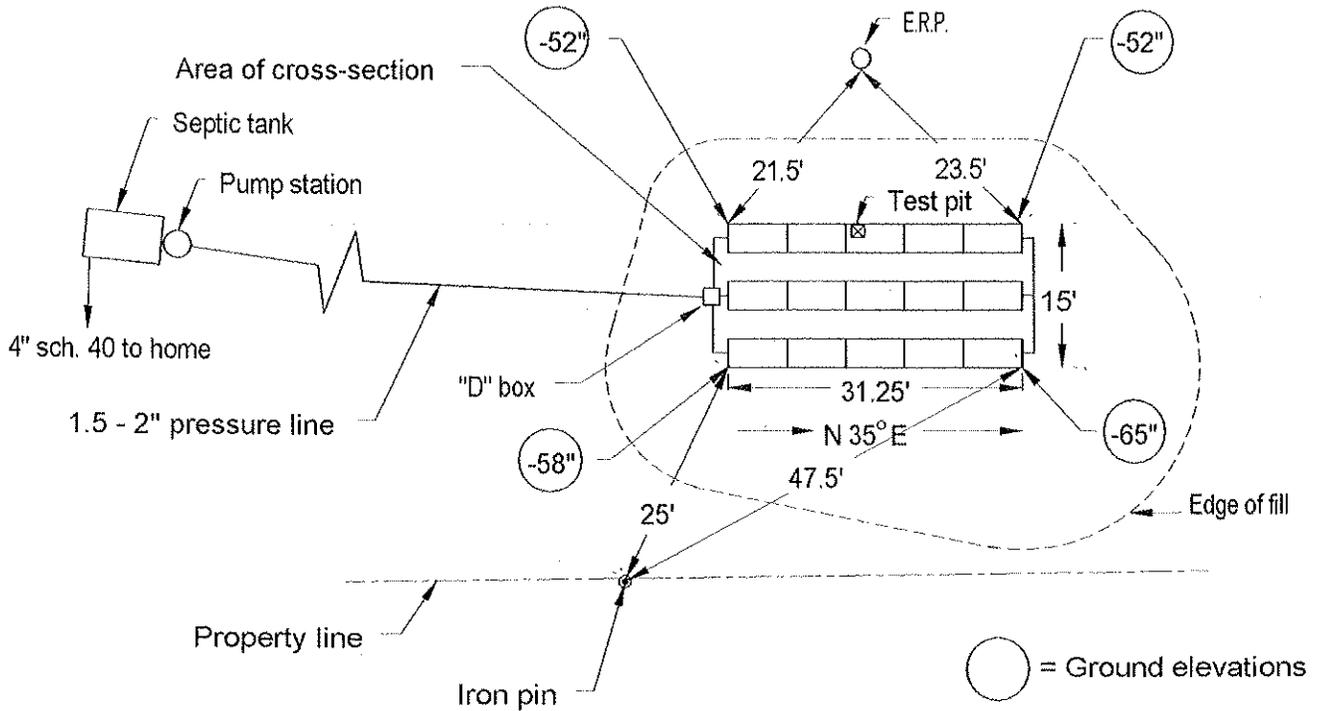
Town, City, Plantation
Augusta

Street, Road, Subdivision
231 Cony Road,

Owner or Applicant Name
Meader, Jodi

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = **20** ft.



BACKFILL REQUIREMENTS

Depth of Backfill (upslope)	21 "	Finished Grade Elevation
Depth of Backfill (downslope)	27-34 "	Top of Distribution Pipe or Proprietary Device
DEPTHS AT CROSS-SECTION (shown below)		Bottom of Disposal Field

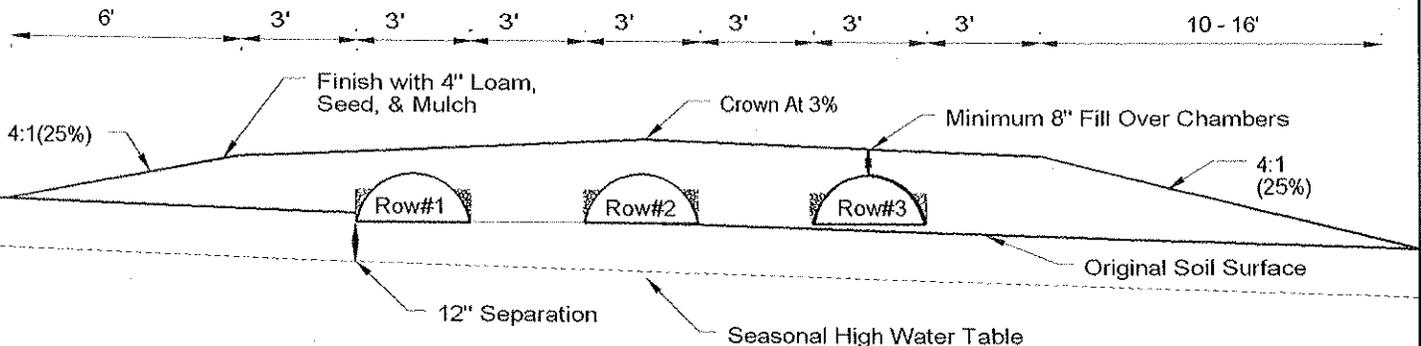
CONSTRUCTION ELEVATIONS

-31 "	Location & Description:	Nail in
-39 "		12" cherry, 35" above ground
-55 "	Reference Elevation is :	0.0" or:

DISPOSAL FIELD CROSS-SECTION

Scales:
 Vertical: 1" = **5** ft.
 Horizontal: 1" = **5** ft.

Note: Use 15 high capacity 6.25' plastic chambers.
 Use clean crushed stone around chambers. Maintain
 3' of soil between rows. Cover with filter fabric.
 Do not use stone under chambers.



ATTACHMENT TO HHE-200

Caution: Before starting, contractor must insure fill depth amounts match with elevations given. Contact designer immediately with any discrepancies.

Notes:

1. Construction to conform to "State of Maine Subsurface Wastewater Disposal Rules".
2. Property lines shown are as provided by owner, agent, or municipality. No guarantee of accuracy is implied. Actual property lines must be confirmed by survey.
3. Remove organic material and **roto-till** area under drain-field and fill extensions.
4. Unless otherwise specified, all fill will be coarse sand to a gravelly coarse sand. See Sec. 804.0 in the State of Maine Subsurface Waste-water Disposal Rules for further clarification of fill requirements. In 8" lifts, compacted as placed. First lift to be thoroughly mixed with original soil, to form a transition horizon.
5. Septic tanks and pump stations shall be installed water-tight to prevent infiltration of ground and surface water.
6. Force mains, pump stations, and or gravity piping subject to freezing shall be adequately insulated.
7. Unless otherwise specified, septic tank to be located by contractor; at minimum; 8' to proposed or existing home and or buildings, 10' to property line & water supply line, 50' to all wells, 100' and shoreline.
8. A septic tank outlet filter is recommended.
9. If replacement system with new tank, existing tank or cesspool to be filled with soil or removed. If existing tank is to be utilized, thoroughly inspect & replace outlet baffle with plastic filter.
10. Unless otherwise specified, this plan does not allow the placement of pumps between the waste-water source and the septic tank.
11. Unless otherwise specified, disposal area to existing or proposed buildings setback is 20'.
12. Water from gutters, driveways, walks, and other surface water to be diverted away from system.
13. Loam, seed and mulch all disturbed areas to prevent erosion and facilitate runoff.
14. Unless otherwise specified, keep traffic heavier than lawn tractor away from all components of system.
15. Keep sanitary napkins, cigarette butts, coffee grounds, paper towels, grease, and nonbiodegradables out of system.
16. Many times it is impossible to locate water supplies. Property owner assumes responsibility of proper setback to any unknown water supplies.
17. Discharge from water treatment equipment and residential foundation/floor drains is not considered waste-water and must not be plumbed into septic system. This flow should be diverted into a separate drywell (disposal area that does not require design or permit). A floor drain used for anything other than fresh-water disposal does require design and permit.
18. Plumbing fixtures must be strictly maintained to insure excess water does not enter septic system. Excess water can lead to premature clogging and total failure of disposal area.
19. Venting of disposal area is not required, but can facilitate biological action in disposal area.
20. Pumped systems will be equipped with audible high water alarm, wired to separate circuit as pump.
21. If a BK2000 Waste-Water Management system or any other Norweco products are included in this design, or SoilAir or other GeoMatrix products are included in this design; the designer may have a financial interest in the sale of these products. Owner is encouraged to research comparable products and make final choice. If owner chooses a competitors product, design will be revised to note said change at no charge.
22. Take 3 copies of the plan to your local plumbing inspector for required permit.

