

Rev. 2012

APPLICATION FOR PERMIT TO CONSTRUCT / ALTER / REPAIR AN INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM

cipality:	Block No.:	Lot No.:
Form 1 - Ger	neral Information	
1. Type of Perr aa. bc. defgh.	mit Needed (Check and Fill-in applicable categor New Construction Alteration / No Expansion or Change in Use Alteration / Expansion or Change in Use Alteration / Malfunctioning System Repair (in-kind replacement) - Malfunctioning Repair (in-kind replacement) - System is not r Deviation from Standards New system installed (existing structure)	g system
2. Location of Street A	Project: ddress:	Zip:
3. Name of Ap	oplicant (print):	
4. Applicant's	Present Address:	Zip:
5. Applicant's	Phone Number:	
6. Name and A	Address of Design Engineer:	
7. Type Of Faci	lity: Residential Commercial / Ins	stitutional Other
Specify Typ	e of Establishment:	
Application Application TWA Application Application	on Received. Date: on Approved. Date: on Denied (See attached letter). Date: olication signed off, awaiting DEP permit; Date: on Approved Pending NJDEP Approval. Date:	
Name of Author	on Approved Pending Pinelands Appr. Date: rized Agent:	
Signature of Au	thorized Agent:	



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	Block No.:	Lot No.:
Form 1—General	Information (Cont.)	
8. Type of Wastes to	be discharged:	
Sanitary	Sewage	
Industria		
Other - S	specify Type:	
	ve are checked, indicate the type of malf	function and its cause (check all that
apply):		
	ation of nearby wells or surface water bo	• •
	r breakout of sanitary sewage or effluen	
	f sanitary sewage or effluent into portion	
	of sanitary sewage into the building serve	ed, which is not caused by a physical
e e e e e e e e e e e e e e e e e e e	of the internal plumbing	es that are not designed to amit conitor
	ner of leakage observed from component	is that are not designed to emit sanitar
sewage of		tmont)
	charges to ground water (no zone of treatuse of the malfunction:	
10. Diagrammand on C	Durantian #1 above by abodying if any	f the fellowing analys
-	Question #1, above, by checking if any o	
	outhouse, latrine or pit toilet is present, a must be upgraded as part of a real prope	
	Illust be upgraded as part of a real prope of has been identified during a real prope	
must be in		ity transfer and a comorning system
must be n	ISLATICU.	
	,	l a conforming system must be install
	ctioning cesspool has been identified and	d a conforming system must be install
A malfund	etioning cesspool has been identified and Certification/Waivers/Exemptions (Attack	
A malfund 11. Other Approvals/C Pinelands	ctioning cesspool has been identified and Certification/Waivers/Exemptions (Attack Commission	
A malfund 11. Other Approvals/C Pinelands Highlands	Certification/Waivers/Exemptions (Attack Commission Water Protection and Planning Act	
A malfund 11. Other Approvals/C Pinelands Highlands U.S. Army	Certification/Waivers/Exemptions (Attack Commission Water Protection and Planning Act y Corps of Engineers	
A malfund 11. Other Approvals/C Pinelands Highlands U.S. Army NJDEP - 1	Certification/Waivers/Exemptions (Attack Commission Water Protection and Planning Act y Corps of Engineers Bureau of Flood Plain Management	h to Application):
A malfund 11. Other Approvals/C Pinelands Highlands U.S. Army NJDEP - 1	Certification/Waivers/Exemptions (Attack Commission Water Protection and Planning Act y Corps of Engineers	h to Application):
A malfund 11. Other Approvals/C Pinelands Highlands U.S. Army NJDEP - I Other - Sp	Certification/Waivers/Exemptions (Attack Commission & Water Protection and Planning Act y Corps of Engineers Bureau of Flood Plain Management becify:	h to Application):
A malfund 11. Other Approvals/C Pinelands Highlands U.S. Army NJDEP - I Other - Sp 12. I hereby certify tha	Certification/Waivers/Exemptions (Attack Commission Water Protection and Planning Act y Corps of Engineers Bureau of Flood Plain Management	h to Application): of this application is true. I am aware
A malfund 11. Other Approvals/C Pinelands Highlands U.S. Army NJDEP - I Other - Sp 12. I hereby certify tha	Certification/Waivers/Exemptions (Attack Commission Water Protection and Planning Act y Corps of Engineers Bureau of Flood Plain Management pecify:	h to Application): of this application is true. I am aware
A malfund 11. Other Approvals/C Pinelands Highlands U.S. Army NJDEP - I Other - Sp 12. I hereby certify that false swearing	Certification/Waivers/Exemptions (Attack Commission Water Protection and Planning Act y Corps of Engineers Bureau of Flood Plain Management pecify:	th to Application): of this application is true. I am aware assecution.



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1.	Name of Site Evaluator (print):
2.	Business Address of Site Evaluator:
3.	Business Phone Number of Site Evaluator:
4.	Special Site Limitations Identified (Check appropriate Categories): Flood Plains
5.	Soil Logs—Enter on Form 2b—Use one sheet for each soil log.
6.	Considerations Relating to Disturbed Ground: a) Type of Disturbance (Check appropriate categories): Filled Area Excavated Area Re-graded Area Subsurface Drains Other - Specify b) Existing Ground Surface Elevation Relative to Ground Surface Method of Identification c) Suitability of Disturbed Ground Unsuitable: Objects Subject to Disintegration or Change in Volume Excessively Coarse Proctor Test performed - % Standard Proctor Density =
7.	Hydraulic Head Test: a) Hydraulically Restrictive Horizon: Depth Top to Bottom b) Pyrometer A: Depth to Bottom Depth of Water Level (24 hrs) c) Pyrometer B: Depth to Bottom Depth of Water Level (24 hrs) d) Witnessed by: Signature: Date:
8.	Attachments (Check items included): Site Plan Key Map Showing Location of Site On U.S.G.S. Quadrangle or Other Accurate Map Key Map Showing Location of Site on U.S.D.A. Soil Survey Map Other – Specify:
9.	I hereby certify that the information furnished on Form 2a of this application (and the attachments thereto) is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.
Sig	gnature of Soil Evaluator: Date:
Sig	gnature of Professional Engineer: License #:



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icipality:	Block No.:	Lot No.:
Form 2b—Soil Log and Inter	pretation	
1. Log Number:	<u> </u>	
Method (Check One):	Profile Pit	Soil Boring
	•	extural Class: Estimated Volume % Coarse Consistence; Mottling—Abundance, Size and
3. Ground Water Observations Seepage - Indicate Pit / Boring Flood	Depth:	Hours:
4. Soil Limiting Zones (Check ———————————————————————————————————	ubstratum - bstratum - se Horizon - se Substratum - strictive Horizon - strictive Substratum - Saturation -	Depth to Top: Depth to Top: Depth Top to Bottom: Depth Top to Bottom:
5. Soil Suitability Classification	on:	
•	of data is a violation of	Form 2b of this application is true and accurate the Water Pollution Control Act (N.J.S.A. escribed in N.J.A.C. 7:14-8.
Signature of Soil Evaluator:		Date:
Signature of Professional Engir	neer	License #·



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Form 3a. Soil Permeability Data

Assign a number for each test and a letter for each test replicate. Show test data and calculations on Form 3b, 3c, 3d, 3e, 3f or 3g. Use one sheet for each separate test or test replicate.

1. Summary of Data - Enter data for each test replicate on a separate line. Type of Test Test (number) Replicate (letter) Result* Depth (inches) * For tube permeameter, pit-bailing and piezometer tests report results in inches per hour. For Soil permeability class rating give soil permeability class number. For percolation test report result in minutes per inch. For basin flooding test report result as positive if basin drains completely within 24 hours after second filing, negative otherwise. 2. Design Permeability/Percolation Rate: Specify Test Number _____ ____ Average of Test Replicates ____ Single Replicate ____ Slowest of Replicates Type of Limiting Zone Identified Test Number 3. Attachments (Check items included): Form 3b - Tube Permeameter Test Data - Number of Sheets ____ Form 3c - Soil Permeability Class Rating Test Data - Number of Sheets Form 3d - Percolation Test Data - Number of Sheets _____ Form 3e - Pit-Bailing Test Data - Number of Sheets _____ _____ Form 3f - Piezometer Test Data - Number of Sheets _____ Form 3g - Basin Flooding Test Data - Number of Sheets 4. I hereby certify that the information furnished on **Form 3a** of this application (and the attachments thereto) is true and accurate. I am aware that falsification of data is a violation of the Water Pollution

Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Soil Evaluator: ______ Date: _____

Signature of Professional Engineer: License #:



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Form 3b. Tube Permeameter Test Data

1.	Test Number Rep	olicate (Letter) Date	Collected			
2.	Material Tested: Fill Test in Native Soil - Indicate Depth					
	Type of Sample: Undisturbed Disturbed					
4.	Sample Dimensions: Inside Radius of Sample Tube, R, in cm					
	Length of Sample, L, in inches					
5. Bulk Density Determination (Disturbed Samples Only):						
			Empty Tube), grams			
	=	54cm./inch x 3.14R ²), cc				
		Vt./Sample Volume), grams/cc				
		No Yes - Indicate In				
7.	•	ve Rim of Test Basin, in inches	:			
		ch Test Interval, H ₁				
	At the End of Each Test					
8.	Rate of Water Level Drop (Add additional lines if needed)	:			
	Time, Start of Test	Time, End of Test, Interval	Length of Test Interval, t,			
	Interval, ti	t2	minutes			
	meer var, er	02	innicites .			
0						
9.	Calculation of Permeability					
		$r^2/R^2 \times L(in)/t(min) \times In (H_1/H_1/H_1/H_1/H_1/H_1/H_1/H_1/H_1/H_1/$				
	= 60 min/nr x/	X/	_			
	x in (/)=				
10.	Defects in the Sample (Check appropriate items):				
10.			Root Channels Soil/Tube Contact			
			Smearing Compaction			
		_ Large Roots Dry Son _				
	Other Speerly _					
11.	I hereby certify that the info	ormation furnished on Form 3 h	of this application is true and accurate. I			
			Pollution Control Act (N.J.S.A. 58:10A-1			
		es as prescribed in N.J.A.C. 7:				
	1 / J 1	1				
Sig	nature of Soil Evaluator:		Date:			
Sig	nature of Professional Engir	neer:	License #:			



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Form 3c. Soil Permeability Class Rating Data

1.	Test Number	Replicate (Letter)				
2.		Soil Pit / Boring Number	Date Collected			
3.	Coarse Fragment C	Content:				
	Total Weight of Sa	mple, W.T., grams				
	_	Retained on 2mm sieve, W.C.F., gran	ms			
	Wt. % Coarse Frag	ment (W.C.F./W.T. x 100):	_			
4.	Oven Dry Weight	(24 hrs., 105°C) of 40 Gram Air Dry S	Sample, grams, Wt			
5.	Hydrometer Calibr		2			
6.	Hydrometer calibra	ation temperature (°F)				
7.	Hydrometer Readi	ng—40 seconds, grams, R1				
		spension, °F				
8.	Corrected Hydrom	eter Reading, grams, R1'				
9.		ng—2 hours, grams, R2				
	Temperature of Su	spension, °F				
10	Corrected Hydrom	eter Reading, grams, R2'				
11.	% sand = (Wt R)	L') / Wt. x 100 = (x) /	/ x 100 =			
12.	% clay = R2' / Wt.	x 100 = / x 100 =				
13.	Sieve Analysis:					
	a. Oven Dry Wt.	a. Oven Dry Wt. (2 hrs., 105°C) Total Sand Fraction (Soil Retained in 0.045 mm Sieve),				
	grams	grams				
	b. Wt. of Fine Plus	b. Wt. of Fine Plus Very Fine Sand Fraction (Sand Passing 0.25 mm Sieve), grams				
	c. % Fine Plus Ver	y Fine Sand (b / a)				
14.	Soil Morphology (Natural Soil Samples Only):				
		orizon Tested				
	Consistence of Soi	l Horizon Tested: Dry Moi	st			
15.			tural analysis of this replicate and other			
	replicate samples)					
16.	I hanaby contify the	t the information furnished on Form	20 of this application is two and			
10.	I hereby certify that the information furnished on Form 3c of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act					
		te that faisification of data is a violated et seq) and is subject to penalties as				
	(IV.J.S.A. 30.10A-	et seq) and is subject to penalties as	prescribed in N.J.A.C. 7.14-8.			
Signa	ature of Soil Evaluato	r:	Date:			
Sione	atura of Professional	Engineer	License #:			
Sigila	ature of Froressional	Liigineel.	LICCHSC #.			



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Form 3d. Percolation Test Data

1.	Test Number:	Replicate (Letter):	Date Tested:	
2.	Depth:			
3.	Pre-soak:			
	Water to Drain After Secondary Four-Hour Pre-soal Test Hole Drained	old Only, Shortened Pre-soak ond Filling, Minutes c Completed - Indicate Reso Within 16 to 24 Hours Afte Drain Within 24 Hours Afte	ult: r Pre-soak	12 Inches of
3.	Rate of Fall Data:			
		ted, Minutes Water Level During Each	Time Interval to the Nearest 1	/10th-Inch On the
	Depth of Water, Star	•	•	
	of Interval (inches)	of Interval (inches)	Level(Inches)	4
5.	-	-	n Water Level	
	b. Percolation Rate =	a / 6 = / 6 =	min / in	
6.	am aware that falsification		rm 3d of this application is true Water Pollution Control Acribed in N.J.A.C. 7:14-8.	
Sig	gnature of Soil Evaluator:		Date:	
Sig	gnature of Professional Eng	gineer:	License #:	



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Form 3e. Piezometer Test Data

1.	Test Number	Reference S	oil Log D	Pate Tested		
2.		l Auger, in f Pipe, R, in		e, in		
3.	3. Depth to Apparent Static Water Level, in					
4. Measure and Record:						
Sta	ter Depth, art of Interval hes, d1	Time at Start of Interval	Water Depth, End of Interval inches, d ₁	Time at End of Interval	Length of Interval, min, t	
6.7.	5. Depth to Water Level After 24 Hour Stabilization Period, D _{static} in 6. Value of A-parameter 7. Calculation of Permeability: K, in/hr = [(3.14R ²) / (A x t)] x [In(d ₁ -D _{stat} /d ₂ -D _{stat})] x 60 min / hr = [(3.14) / (x)] x [In(/)] x 60 min/hr = 8. I hereby certify that the information furnished on Form 3e of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.					
Sig	gnature of Soil Ev	valuator:		Date:		
Sig	Signature of Professional Engineer: License #:					



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Form 3f. Pit-Bailing Test Data

1.	Test Number Reference Soil Log Date Tested
2.	Using the reference level established, measure and record the following: a. Depth to Bottom of Pit, ft, D _{pit} b. Depth to Water Level after 2 hr. Stabilization Period, ft, D _{water} c. Depth to Impermeable Stratum, ft, D _{stratum} (If depth is unknown assume it to be 1.5 times the depth of the pit.) d. Height of Water Level Above Impermeable Stratum, ft, H (H = D _{stratum} - D _{water}) e. Length of Time Interval, T, in minutes
3.	At the interval chosen, record the following data in the table below: a. Time of Measurement, t _n , minutes b. Depth of Water Level Below Reference Level, d _n , inches c. Water Surface Dimensions, ft: l,w
4.	Calculate the following values and enter in the table below: a. Water Surface Area, ft ² , A _n b. Water level Risen h _{rise} (Subtract current value of d _n from previous value) c. Ave. Water Surface Area, ft ² , A _{av} (Take average of A _n and previous A _n) d. Ave. Height of Water Level Above Impermeable Stratum, ft, h (Take ave. of d _n and previous

Permeability, in/hr, K _a (Calculate using formula):
$K_a = [h_{rise}/T] \times [A_{av}./2.27 (H^2 - h^2)] \times 60 \text{ min / hr}$

value of d_n, convert to ft., and subtract from D_{stratum})

t n	d _n (in.)	I, w (ft ₂)	An,(ft2)	hrise (in)	Aay (ft2)	H (ft)	Ka
to				XXXX	XXXX	XXXX	XXXX
T ₁							
T ₂							
Тз							
T ₄							
T ₀				XXXX	XXXX	XXXX	XXXX
T ₁							
T ₂							
Тз							
T ₄							
To				XXXX	XXXX	XXXX	XXXX
T ₁							
T ₂							
Тз							
T ₄							



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Form 3f. Pit-Bailing Test Data (Con't)

5.	Record the Following Data:
	a. Final Depth of Pit, D _{pit} , ft
	b. Depth to Impermeable Stratum, ft, D _{stratum} (If no impermeable stratum is
	encountered assume $D_{stratum} = D_{pit}$)
	c. Height of Standpipe Above Reference Level, ft, h _{pipe}
	d. Depth to Water Level after 24 hr. Stabilization Period, ft, D _{water}
	(Take measurement from top of standpipe. Subtract h _{pipe})
	e. Height of Static Water Level Above Impermeable Stratum, ft, H
	$(H = D_{\text{stratum}} - D_{\text{water}})$
	f. Average Height of Water Level Above Impermeable Stratum, ft, h
	(Take average of d _n from beginning and end of last time interval recorded in section 4,
	convert this to ft., subtract from D_{stratum})
_	
о.	Re-calculation of K using data from section 5 above and from final time interval of section 4: $K = [h_{rise} / t] \times [A_{av} / 2.27 (H^2 - h^2)] \times 60 \text{ min / hr} =$
	$\mathbf{K} = [\Pi_{\text{rise}}/\ t] \mathbf{X} [\mathbf{A}_{\text{av}}/\ 2.27\ (\Pi - \Pi)] \mathbf{X} 00 \text{ mm}/\ \Pi =$
	[/] x [/ 2.27 ()] x 60 min / hr =
	[
7.	I hereby certify that the information furnished on Form 3f of this application is true and accurate. I
	am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A.
	58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.
Sig	gnature of Soil Evaluator: Date:
Sic	gnature of Professional Engineer: License #:
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Form 3g. Basin Flooding Test Data

1.	Test Number Reference Soil Log Date Tested
2.	Depth of Pit, ft
3.	Area of Pit, ft ²
4.	Description of Rock Substratum Within Test Zone: Type of Rock Name of Formation Average Fracture Spacing Type of Fractures (Check Appropriate Category): Open (Wide), Clean - Width of Openings, mm Open (Wide), Infilled with Fines - Width of Openings, mm Tight (Closed) Orientation of Fractures: Horizontal (Parallel to Pit Bottom) Or Nearly So Inclined Vertical (Parallel to Sides of Pit) Or Nearly So Hardness of Rock: Rippable with Hand Tools Not Rippable with Hand Tools, Rippable by Machine Not Rippable by Machine, Explosives Used
5.	Time of First Basin Flooding Volume of Water Added, Gal
6.	Result of First Basin Flooding: Basin Drained within 24 Hrs Indicate Time Basin Not Drained within 24 Hrs.
7.	Time of Second Basin Flooding Volume of Water Added, Gal
8.	Result of Second Basin Flooding: Basin Drained within 24 Hrs Indicate Time Basin Not Drained within 24 Hrs.
9.	I hereby certify that the information furnished on Form 3g of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.
Sig	nature of Soil Evaluator: Date:
Sig	nature of Professional Engineer: License #:



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Fo	orm 4. General Design Data
1.	Volume of Sanitary Sewage, gal Residential: No. of Dwelling Units Total No. of Bedrooms Commercial / Institutional - Indicate type of establishment and show method of calculation. If estimate is based on water meter data, indicate source of data, frequency of readings, average daily flow, and maximum-recorded daily reading.
2.	Alterations or Repairs a) Reason for Alteration or Repair (Check appropriate categories): Expansion or Change in Use Upgrade Existing Facilities Correct Malfunctioning System Resale Evaluation Other - Specify b) Describe Nature of Alteration or Repairs:
3.	System Components: a) Grease Trap Capacity, gals: Show Calculation Used: b) Septic Tank Capacities, gals: First (Single) Compartment: Second Compartment: Third Compartment: c) Effluent Distribution Method: Gravity Flow Gravity Dosing Pressure Dosing Dosing Device: Pump Siphon d) Dosing Tank Capacities, gals: Total Capacity Dose Volume Reserve Capacity
4.	e) Laterals: Number Total Length Pipe Size Spacing f) Connecting Pipe: Size Length g) Manifold: Diameter Length h) Disposal Field: Type of Installation Design Permeability (Percolation Rate) Trenches: Width Total Length Bed: Area i) Seepage Pits: Design Percolation Rate Number of Pits Total Percolating Area Provided Attachments (Check items included): General Plan of System Showing Location of All System Components X-Sections of Each System Component Including Grease Trap, Septic Tank, Dosing Tank, Disposal Field, Seepage Pits and Interceptor Drains Pump Performance Curve Dry Well(s) Non-Residential Form TWA Permit Other - Specify
5.	I hereby certify that the information furnished on Form 4 of this application (and attachments thereto) is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Professional Engineer: ______ License #: _____



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Form 5. Design of Pressure Dosing System

1.	Configuration of Distribution Network: Type of Manifold: End Central Distribution Laterals: Number Length, ft Diameter, ins Total Lateral Volume (V1) gals Hole Diameter, ins Hole Spacing, ins Number of Laterals, n
2.	Lateral Discharge Rate: Design Pressure Head at Distal End of Laterals, (Hp), ft Hole Discharge Rate, gpm Number of Holes per Lateral, n Lateral Discharge Rate, (Q x n) gpm
3.	Manifold Length, ft Manifold Diameter, ins Total Manifold Volume (Vm)
4.	System Discharge Rate, gpm
	Dose Volume: Design Volume of Sewage, (Q), gal/day Design Permeability, in/hr or Percolation Rate, min/in Internal Volume of Distribution Network (V), (Vp + Vm + V1) Dose Volume (Vd)
6a.	Length of Delivery Pipe, Diameter of Delivery Pipe Friction Loss in Delivery Pipe, (H _f), ft Elevation of Dosing Tank Low Water Level Elevation of Lateral Invert Elevation Head, (He), ft Total Operating Head, (H _t), (H _p + H _f + H _e), ft Pump Model Rated Horsepower Pump Discharge Rate at Total Operating Head, gpm
6b	. Siphon Elevation: Diameter of Delivery Pipe Length of Delivery Pipe Friction Loss in Delivery Pipe, (H _f), ft Velocity Head, Hv, ft Total Operating Head, (H _t) (H _p + H _f + H _v), ft Elevation of Lateral Invert Elevation of Siphon Invert
7.	I hereby certify that the information furnished on Form 5 of this application (and attachments thereto) is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.
Sig	gnature of Professional Engineer: License #:



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Form 6. Design of Gravity Dosing System

1.	Dose Volume:
	Design Volume of Sewage, gal/day
	Design Permeability, in/hr or Percolation Rate, min/in
	Internal Volume of Distribution Network Dose Volume
2.	Pump Selection: Diameter of delivery pipe Length of delivery pipe Friction loss in delivery pipe, Hf, ft
	Elevation of Dosing Tank Low Water Level
	Invert elevation of D-box, ft
	Elevation Head, He, ft
	Total Operation Head, Ht (Hf + Hc), ft
	Pump Model Rated Hp
3.	Pump discharge after 15 minutes
4.	Total Volume(V): 25 Q 75 V
5.	Drainback Pump displacement Dose volume Total pump volume
6.	I hereby certify that the information furnished on Form 6 of this application (and attachments thereto) is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.
Sig	gnature of Professional Engineer: License #:



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Form 7. Repair, Alteration, Malfunction or Change of Use Certification Questionaire

1.	Have any additional bedrooms been added to the structure since last septic system approval?
2.	Are sump pump(s) and / or roof gutter drains directed away from the disposal field?
3.	Is there a garbage grinder installed? If so, was system designed for one?
	Does laundry waste discharge into the system in question?
	Is current estimated volume of laundry wastewater generated within the volume expected for the number of bedrooms or use of structure?
6.	Any there any dry well(s) located on property: If so, where are they located?
7.	Are there any root invading trees with in area of system?
8.	Are all existing portions of the system intended to remain in use still in good repair and will function as intended when new components are installed?
9.	Are there any wetlands indicators (soil, vegetation) or water drainage systems (retention basins, drainage ditches, ponding water areas, etc) onsite?
10.	Is there a required Zone of Treatment within the area of the existing disposal system?:
11.	Are there any obvious plumbing leaks?:
12.	Is there a well water treatment system in place?
	If so, what type of system(s) are in place?
	Is backwash directed into septic system?
	If so what is the backwash cycle (day / time)?
13.	Are there any other sewage disposal locations on property?
14.	Are all known well(s) located on property and adjacent properties?:
15.	Are there any types of grinder pumps attached to any portion of disposal system?:
16.	Does current grading cause surface water to accumulate on or around the system?
17.	Is the disposal field free of encroachments like driveways, swimming pools, fences, etc.?
Na	me of Professional Engineer: Date:
Sig	nature of Professional Engineer: License #: