GENERAL INFORMATION - Form 1

BURLINGTON COUNTY HEALTH DEPARTMENT 15 PIONEER BOULEVARD, WESTAMPTON PO BOX 6000 MOUNT HOLLY, NEW JERSEY 08060

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

| Type of Permit needed (check applicable categori New Construction Deviation from Standards | ies): Alteration/Expansion or C Repairs to Existing Syste | | | falfunctioning System To Expansion or Change of Use |
|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------|--------------------|-----------------------------------------------------|
| 2. Location of Project: | , 5 7,000 | | | |
| Municipality | | | Block | Lot |
| Street Address | | | | Zip |
| 3. Name of Applicant (print): | | | | |
| 4. Applicant's Present Address: | | 5. Pho | ne Number: | |
| 6. Type of Facility: | 7. Type of Wa | astes to be discharged: | | |
| Residential Commercial/Institutional Specify Type of Establishment: | Inc | anitary Sewage dustrial Wastes ther – Specify: | | |
| 8. Other Approvals/Certification/Waivers/Exemptions | s (Attach to Application) | | | |
| Pinelands Commission NJDEP – Bureau of Flood Plain Manager | | S. Army Corps of Engineer ther – Specify: | | |
| 9. I hereby certify that the information furnished above subject to prosecution. | ve on Form 1 of this application | is true. I am aware that fals | se swearing is a d | crime in this State and |
| Signature of Applicant | | D | ate | |
| | FOR AGE | NCY USE ONLY | · · · · · | |
| Application Denied – Reason for De | | | | |
| Application Approved | Application Approve | ed Subject To Approval By | NJDEP | |
| Date of Action | Signature of Authorized A | gent | | |
| Name & Title | | | | |
| GENERAL SITE EVALUATION DATA – Form 2A | | | | |
| | | | | |
| Name of Site Evaluator (print) | | | | |
| Business Address of Site Evaluator | | 3. Bu | siness Phone | |
| 4. Special Site Limitations Identified (Check Appropr Flood Plains Bedrock Outcrop Sink Holes Sand Dunes | | Excessively Stony Other – Specify | | bed Ground |
| 5. Soil Logs – Enter on form 2B – Use one sheet for | each soil log | | | |
| Considerations Relating to Disturbed Ground: a.) Type of Disturbance (Check appropriate categ Filled area Excavated Area | ories): Re-graded Area | Subsurface Drains | Other – Speci | fy |
| b.) Pre-existing Natural Ground Surface Elevation Relative to Existing Ground Sur | rface | Method of Identification | n | |
| c.) Suitability of Disturbed Ground Unsuitable: Objects Subject to | o Disintegration or Change in V | olume | Excessively | |
| 7. Hydraulic Head Test: a.) Hydraulically Restrictive Horizon: Depth Top to | Bottom | | | |
| b.) Piezometer A: Depth to BottomD | epth of Water Level (24 hrs) | | | |
| c.) Piezometer B: Depth to BottomDe | epth of Water Level (24 hrs) | | | |
| d.) Witnessed by | Signature | | | |
| 8. Attachments (Check items included): Site Plan Key Map Showing | g Location of Site on U.S.G.S. (| Quadrangle or Other Accura | ite Map | |
| Key Map showing Location of Site on U.S | S.D.A. Soil Survey Map | Other – Specify | | |
| 9. I hereby certify that the information furnished on F violation of the Water Pollution Control Act (N.J.S.A. | | | | |
| Signature of Site Evaluator | | | Da | te |
| Signature of Professional Engineer(please seal this form) | | | | |

| SOIL LOG & INTERPRETATION - F | orm 2B | | | | |
|-----------------------------------------------------------------------|----------------|-------------------------------|---------------------------|--------------------|--------------------------------------|
| Municipality | | | | Block | Lot |
| 1. Log Number | | Method (Check One): | Profile Pit | | Boring |
| Soil Testing witnessed by BCHD? | YES | BY WHOM? | | | . NO |
| Soil Testing legally waived by whom? | | | | | |
| 3. Soil Log | | | | | |
| Depth (inches)DAT | E SOIL LOG | CONDUCTED | | | |
| Top-Bottom: | | | | | |
| | | | | | |
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| | | | | | |
| Munsell Color Name & Symbol; Estima | | Class; Estimated Volume % C | ourse Fragment, if pres | sent; Structure; N | Noist or Dry Consistency; |
| Mottling – Abundance, Size & Contrast | t, if present. | | | | |
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| Ground Water observations: | | | | | |
| Seepage – Indicate Depth | | | | | |
| Pit/Boring Flooded – Depth aft | er | Hours | | | |
| 5. Soil Limiting Zones (Check Appropriate Fractured Rock Substratum – | | | Massive Rock | Substratum – De | epth to Top |
| Excessively Course Horizon – | | | | | n – Depth to Top |
| Hydraulically Restrictive Horizon | | | | | atum – Depth to Top |
| Perched Zone of Saturation – | • | | , | | Depth to Top |
| Soil Suitability Classification: | | | | | |
| Thereby certify that the information furn | | | he attachments thereto | o) is true and acc | urate. 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.) an | d is subject to penalties | s as prescribed i | n N.J.A.C. 7:14-8. |
| Signature of Site Evaluator | | | | | Date |
| Signature of Professional Engineer | | | | Licens | a # |
| (please seal this form) | | | | Licens | 5 # |

| SOIL PERMEABILITY D | ATA – Form 3A | | | |
|------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------|-------------------------------|---------------------|
| Municipality | | | Block | Lot |
| Assign a number for each te Use one sheet for each sepa | | cate. Show test data and calculation | ns on form 3B, 3C, 3D, 3E, 3 | BF, or 3G. |
| Enter data for each test r | replicate on a separate line. | | | |
| Type of Test | Test (number) | Replicate (letter) | Depth (inches) | Result* |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | ort results in inches per hour. For s sin flooding test, report result as po | | |
| 2. Design Permeability/Pero | colation Rate: Specify Test Numb | per | | |
| Average of Test | Replicates | | | |
| Single Replicate | | | | |
| Slowest of Repli | cates | | | |
| 3. Identification and Classifi | cation | | | |
| Туре | of Limiting Zone Identified | | Tes | t Number |
| | | | | |
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| 4. Attachments (Check item | ns included): | | | |
| Form 3B – Tube | Permeameter Test Data - Numb | per of Sheets | | |
| Form 3C – Soil F | Permeability Class Rating Test Da | ata – Number of Sheets | | |
| Form 3D – Perce | olation Test Data – Number of Sh | neets | | |
| Form 3E – Pit-B | ailing Test Data – Number of She | eets | | |
| | | neets | | |
| Form 3G – Basiı | n Flooding Test Data – Number o | of Sheets | | |
| | | of this application (and the attachn | | |
| of data is a violation of the V | Vater Pollution Control Act (N.J.S | S.A. 58:10A-1 et seq.) and is subjec | et to penalties as prescribed | in N.J.A.C. 7:14-8. |
| Signature of Site Evaluator | | | | Date |
| Signature of Professional Er (please seal this form) | ngineer | | Licens | se # |

| TUBE PERMEAMETER | TEST | DATA – | Form | 3B |
|------------------|------|--------|------|----|
| | | | | |

| | TIER TEST DATA - FOIII 3 | _ Replicate (Letter) | Date Collected |
|----------------------|----------------------------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| . Material Tested: | Fill | | Native Soil – Indicate Depth |
| . Type of Sample: | Undisturbed | Disturbed | • |
| . Sample Dimension | | Tube, R. in cm. | |
| Cample Dimension | Length of Sample, L, in i | | |
| Bulk Donaity Data | - | | |
| Bulk Density Detei | - · · · · · · · · · · · · · · · · · · · | aining Sample – Wt. of Empty 1 | Tube), grams |
| | | | |
| | Bulk Density (Sample Wt./Sam | ple Volume), grams/cc | |
| Standpipe Used: | NO | YES | |
| | Indicate internal radius, cm | | |
| Height of Water Le | evel Above Rim of Test Basin, in At the Beginning of Each Test | | |
| | At the End of Each Test Interva | ıl, H2 | |
| Rate of Water Lev | el Drop (Add additional lines if ne | eded): | |
| Time, Sta | rt of Test Interval, T1 | Time, End of Test Interval, | T2 Length of Test Interval, T, minutes |
| | | | |
| | | | |
| | | | |
| | | | |
| . Defects in the sa | = 60 min/hr. x/ x mple (Check appropriate items): | _ / X III (/) = | |
| | None | Cracks | Worm Channels |
| | Root Channels | Soil/Tube Contact | Large Gravel |
| | Large Roots | Dry Soil | Smearing |
| | Compaction | Other – Specify | |
| | | | |
| | | | the attachments thereto) is true and accurate. I am aware that falsificat I is subject to penalties as prescribed in N.J.A.C. 7:14-8. |
| anature of Sito Evol | luator | | Dato |
| _ | | | Date License # |

SOIL PERMEABILITY CLASS RATING DATA - Form 3C

| 1. Test Number | Replicate (Letter) | _ |
|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------|
| 2. Sample Depth | Soil Pit/Boring Number | Date Collected |
| 3. Coarse Fragment Content: | | |
| Total Weight of Sample, WT, grar | ms | |
| Weight of Material Retained on 2i | mm sieve, WCF, grams | |
| Wright % Coarse Fragment (WCF | F./WT x 100) | |
| 4. Oven Dry Weight (24 hrs., 105°C) of 40 Gram Air Dry | Sample, grams, Wt. | |
| 5. Hydrometer Calibration, Rc | | |
| 6. Hydrometer Reading – 40 seconds, grams, R1 | | |
| Temperature of Suspension, °F | | |
| 7. Corrected Hydrometer Reading, grams, R1' | | |
| 8. Hydrometer Reading – 2 hours, grams, R2 | | |
| Temperature of Suspension, °F | | |
| 9. Corrected Hydrometer Reading, grams, R2' | | |
| 10. % Sand = (Wt. – R1') / Wt. x 100 = () | / x 100 = | |
| 11. % Clay = R2' / Wt. x 100 = / x 100 = | | |
| 12. Sieve Analysis: | | |
| a. Oven Dry Wt. (2 hrs., 105°C) Total Sand F | raction | |
| (Soil Retained in 0.047 mm Sieve), grams | | |
| b. Wt. of Fine Plus Very Fine Sand Fraction | | |
| (Sand Passing 0.25 mm Sieve), grams | | |
| c. % Fine Plus Very Fine Sand (b/a) | | |
| 13. Soil Morphology (Natural Soil Samples Only): | | |
| Structure of Soil Horizon Tested | | |
| Consistency of Soil Horizon Tested: | Dry Moist | |
| 14. Soil Permeability Class Rating (Based upon average | textural analysis of this replicate and other replicate | te samples |
| | | |
| | | |
| | | |
| | | |
| | | |
| 15. I hereby certify that the information furnished on For of data is a violation of the Water Pollution Control Act (N | | |
| Signature of Site Evaluator | | Date |
| Signature of Professional Engineer(please seal this form) | | License # |

__License #___

GENERAL DESIGN DATA - Form 4

| a.) Reason for Alteration or Repair (Check appropriate categories): Expansion or Change in Use Upgrade Existing Facilities Correct Malfunctioning System 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.) Advanced Treatment Unit: Type d.) Effluent Distribution Method: Gravity Flow Gravity Dosing Pressure Dosing Dosing Device: Pump Siphon e.) Dosing Tank Capacities, gals: Total Capacity Dose Volume Reserve Capacity f.) Laterals: Number Total Length Pipe Size Spacing g.) Chambers: Number Total Length h.) Connecting Pipe: Size Length i.) Manifold: Size Length j.) Disposal Field: Type of Installation Design Percolation Rate Number of Pits Total Length Bed: Area K.) Seepage Pits: Design Percolation Rate Number of Pits Total Percolating Area Provided Attachments (Check Items included): General Plan Showing Location of All System Components X — Sections of Each system Component Including Grease Traps, Septic Tank, Dosing Tank, Disposal Field, Seepage Pits and Interceptor Drains Pump Performance Curve Other — Specify | 1. \ | olume of Sanitary Sewage, gal |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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): | | Residential: No. of Dwelling Units total No. of Bedrooms Garbage Disposal Expansion Attic |
| a.) Reason for Alteration or Repair (Check appropriate categories): Expansion or Change in Use Correct Malfunctioning System Other - Specify b.) Describe Nature of Alteration or Repairs: a.) Grease Trap Capacity, gals Show Calculation Used b.) Septic Tank Capacities, gals: first (single) compartment second compartment third compartment c.) Advanced Treatment Unit: Type d.) Effluent Distribution Method: Gravity Flow Gravity Dosing Pressure Dosing Dosing Device: Pump Siphon e.) Dosing Tank Capacities, gals: Total Capacity Dose Volume Reserve Capacity f.) Laterals: Number Total Length Pipe Size Spacing g.) Chambers: Number Total Length h.) Connecting Pipe: Size Length i.) Manifold: Size Length j.) Disposal Field: Type of Installation Design Permeability (Percolation rate) Trenches: Width Trenches: Width Total Length Area k.) Seepage Pits: Design Percolation Rate Number of Pits Total Percolation Area Provided General Plan Showing Location of All System Components X — Sections of Each system Component Including Gresse Traps, Septic Tank, Dosing Tank, Disposal Field, Seepage Pits and Interceptor Drains Pump Performance Curve Other — Specify | | |
| Expansion or Change in Use Upgrade Existing Facilities Correct Maffunctioning System Other – Specify b.) Describe Nature of Alteration or Repairs: a.) Grease Trap Capacity, gals Show Calculation Used b.) Septic Tank Capacities, gals: Show Calculation Used b.) Septic Tank Capacities, gals: first (single) compartment second compartment third compartment c.) Advanced Treatment Unit: Type d.) Effluent Distribution Method: Gravity Flow Gravity Dosing Pressure Dosing Dosing Device: Pump Siphon e.) Dosing Tank Capacities, gals: Total Capacity Dosing Pressure Dosing f) Laterals: Number Siphon e.) Dosing Tank Capacities, gals: Total Capacity Pipe Size Spacing g.) Chambers: Number Total Length Pipe Size Spacing g.) Chambers: Number Total Length h.) Connecting Pipe: Size Length i.) Manifold: Size Length j.) Disposal Field: Type of Installation Design Permeability (Percolation rate) Trenches: Writh Total Length Bed: Area k.) Seepage Pits: Design Percolation Rate Number of Pits Total Length Number of Pits Total Percolating Area Provided Interceptior Disins Pump Performance Curve Other – Specify 5. I hereby certify that the Information furnished on Form 4 of this application (and the attachments thereto) is true and accurate. I am aware that falsification | 2. / | Iterations or Repairs |
| b.) Describe Nature of Alteration or Repairs: a.) Grease Trap Capacity, gals Show Calculation Used | | |
| 3. System Components: a.) Grease Trap Capacity, gals | | Correct Malfunctioning System Other – Specify |
| a.) Grease Trap Capacity, gals Show Calculation Used b.) Septic Tank Capacities, gals: first (single) compartment | | b.) Describe Nature of Alteration or Repairs: |
| Show Calculation Used b.) Septic Tank Capacities, gals: first (single) compartment second compartment third compartment third compartment c.) Advanced Treatment Unit: Type d.) Effluent Distribution Method: Gravity Flow Gravity Dosing Dosing Device: Pump Siphon e.) Dosing Tank Capacities, gals: Total Capacity Dose Volume Reserve Capacity f.) Laterals: Number Total Length Pipe Size Spacing g.) Chambers: Number: Number Hold Length Nonecting Pipe: Size Length J.) Disposal Field: Type of Installation Design Permeability (Percolation rate) Trenches: Width Total Length Bed: Area Number of Pits Total Length Seer Area Reserve Capacity Fipe Size Spacing Spacin | 3. \$ | ystem Components: |
| b.) Septic Tank Capacities, gals: first (single) compartment second compartment third compartment third compartment c.) Advanced Treatment Unit: Type d.) Effluent Distribution Method: Gravity Flow Gravity Dosing Pressure Dosing Dosing Device: Pump Siphon e.) Dosing Tank Capacities, gals: Total Capacity Dose Volume Reserve Capacity f.) Laterals: Number Total Length Pipe Size Spacing g.) Chambers: Number Holdength Number Length h.) Connecting Pipe: Size Length j.) Disposal Field: Type of Installation Design Permeability (Percolation rate) Tenches: Width Total Length Bed: Area Number of Pits Total Percolating Area Provided Number of Pits Separal Plan Showing Location of All System Components X - Sections of Each system Component Including Grease Traps, Septic Tank, Dosing Tank, Disposal Field, Seepage Pits and Interceptor Drains Pump Performance Curve Other - Specify S. Thereby certify that the information furnished on Form 4 of this application (and the attachments thereto) is true and accurate. Lam aware that falsification | | a.) Grease Trap Capacity, gals |
| second compartment third compartment c.) Advanced Treatment Unit: Type | | Show Calculation Used |
| d.) Effluent Distribution Method: Gravity Flow Gravity Dosing Dosing Device: Pump Siphon e.) Dosing Tank Capacities, gals: Total Capacity Dose Volume Reserve Capacity f.) Laterals: Number Total Length Pipe Size Spacing g.) Chambers: Number Length h.) Connecting Pipe: Size Length i.) Manifold: Size Length j.) Disposal Field: Type of Installation Design Permeability (Percolation rate) Trenches: Width Total Length Bed: Area k.) Seepage Pits: Design Percolation Rate Number of Pits Total Percolating Area Provided 4. Attachments (Check items included): General Plan Showing Location of All System Components X – Sections of Each system Component Including Grease Traps, Septic Tank, Dosing Tank, Disposal Field, Seepage Pits and Interceptor Drains Pump Performance Curve Other – Specify 5. Thereby certify that the information furnished on Form 4 of this application (and the attachments thereto) is true and accurate. I am aware that falsification | | second compartment |
| Method: Gravity Flow Gravity Dosing Pressure Dosing Dosing Device: Pump Siphon e.) Dosing Tank Capacities, gals: Total Capacity Dose Volume Reserve Capacity f.) Laterals: Number Total Length Pipe Size Spacing g.) Chambers: Number Total Length h.) Connecting Pipe: Size Length i.) Manifold: Size Length j.) Disposal Field: Type of Installation Design Permeability (Percolation rate) Trenches: Width Total Length Bed: Area k.) Seepage Pits: Design Percolation Rate Number of Pits Total Percolating Area Provided 4. Attachments (Check items included): General Plan Showing Location of All System Components X - Sections of Each system Component Including Grease Traps, Septic Tank, Dosing Tank, Disposal Field, Seepage Pits and Interceptor Drains Pump Performance Curve Other - Specify 5. I hereby certify that the information furnished on Form 4 of this application (and the attachments thereto) is true and accurate. I am aware that falsification | | c.) Advanced Treatment Unit: Type |
| e.) Dosing Tank Capacities, gals: Total Capacity Dose Volume Reserve Capacity f.) Laterals: Number Total Length Pipe Size Spacing g.) Chambers: Number Total Length h.) Connecting Pipe: Size Length i.) Manifold: Size Length j.) Disposal Field: Type of Installation Design Permeability (Percolation rate) Trenches: Width Total Length Bed: Area K.) Seepage Pits: Design Percolation Rate Number of Pits Total Percolating Area Provided 4. Attachments (Check items included): General Plan Showing Location of All System Components X - Sections of Each system Component Including Grease Traps, Septic Tank, Dosing Tank, Disposal Field, Seepage Pits and Interceptor Drains Pump Performance Curve Other - Specify | | , |
| f.) Laterals: Number Total Length g.) Chambers: Number Total Length h.) Connecting Pipe: Size Length i.) Manifold: Size Length j.) Disposal Field: Type of Installation Design Permeability (Percolation rate) Trenches: Width Total Length Bed: Area k.) Seepage Pits: Design Percolation Rate Number of Pits Total Percolating Area Provided 4. Attachments (Check items included): General Plan Showing Location of All System Components X - Sections of Each system Component Including Grease Traps, Septic Tank, Dosing Tank, Disposal Field, Seepage Pits and Interceptor Drains Pump Performance Curve Other - Specify | | Dosing Device: Pump Siphon |
| g.) Chambers: Number Total Length h.) Connecting Pipe: Size Length i.) Manifold: Size Length j.) Disposal Field: Type of Installation Design Permeability (Percolation rate) Trenches: Width Total Length Bed: Area k.) Seepage Pits: Design Percolation Rate Number of Pits Total Percolating Area Provided 4. Attachments (Check items included): General Plan Showing Location of All System Components X – Sections of Each system Component Including Grease Traps, Septic Tank, Dosing Tank, Disposal Field, Seepage Pits and Interceptor Drains Pump Performance Curve Other – Specify | | e.) Dosing Tank Capacities, gals: Total Capacity Dose Volume Reserve Capacity |
| h.) Connecting Pipe: Size Length i.) Manifold: Size Length j.) Disposal Field: Type of Installation Design Permeability (Percolation rate) Trenches: Width Total Length Bed: Area K.) Seepage Pits: Design Percolation Rate Number of Pits Total Percolating Area Provided 4. Attachments (Check items included): General Plan Showing Location of All System Components X - Sections of Each system Component Including Grease Traps, Septic Tank, Dosing Tank, Disposal Field, Seepage Pits and Interceptor Drains Pump Performance Curve Other - Specify 5. I hereby certify that the information furnished on Form 4 of this application (and the attachments thereto) is true and accurate. I am aware that falsification | | f.) Laterals: Number Total Length Pipe Size Spacing |
| i.) Manifold: Size Length j.) Disposal Field: Type of Installation Design Permeability (Percolation rate) Trenches: Width Total Length Bed: Area k.) Seepage Pits: Design Percolation Rate Number of Pits Total Percolating Area Provided 4. Attachments (Check items included): General Plan Showing Location of All System Components X - Sections of Each system Component Including Grease Traps, Septic Tank, Dosing Tank, Disposal Field, Seepage Pits and Interceptor Drains Pump Performance Curve Other - Specify 5. I hereby certify that the information furnished on Form 4 of this application (and the attachments thereto) is true and accurate. I am aware that falsification | | g.) Chambers: Number Total Length |
| j.) Disposal Field: Type of Installation | | h.) Connecting Pipe: Size Length |
| Design Permeability (Percolation rate) Trenches: Width Total Length Bed: Area k.) Seepage Pits: Design Percolation Rate Number of Pits Total Percolating Area Provided Number of Pits Total Percolating Area Provided 4. Attachments (Check items included): General Plan Showing Location of All System Components X – Sections of Each system Component Including Grease Traps, Septic Tank, Dosing Tank, Disposal Field, Seepage Pits and Interceptor Drains Pump Performance Curve Other – Specify | | i.) Manifold: Size Length |
| Trenches: Width Total Length Bed: Area k.) Seepage Pits: Design Percolation Rate Number of Pits Total Percolating Area Provided 4. Attachments (Check items included): General Plan Showing Location of All System Components X - Sections of Each system Component Including Grease Traps, Septic Tank, Dosing Tank, Disposal Field, Seepage Pits and Interceptor Drains Pump Performance Curve Other - Specify 5. I hereby certify that the information furnished on Form 4 of this application (and the attachments thereto) is true and accurate. I am aware that falsification | | j.) Disposal Field: Type of Installation |
| Bed: Area | | Design Permeability (Percolation rate) |
| k.) Seepage Pits: Design Percolation Rate | | Trenches: Width Total Length |
| Number of Pits Total Percolating Area Provided 4. Attachments (Check items included): General Plan Showing Location of All System Components X – Sections of Each system Component Including Grease Traps, Septic Tank, Dosing Tank, Disposal Field, Seepage Pits and Interceptor Drains Pump Performance Curve Other – Specify 5. I hereby certify that the information furnished on Form 4 of this application (and the attachments thereto) is true and accurate. I am aware that falsification | | Bed: Area |
| Attachments (Check items included): General Plan Showing Location of All System Components X – Sections of Each system Component Including Grease Traps, Septic Tank, Dosing Tank, Disposal Field, Seepage Pits and Interceptor Drains Pump Performance Curve Other – Specify | | k.) Seepage Pits: Design Percolation Rate |
| General Plan Showing Location of All System Components X – Sections of Each system Component Including Grease Traps, Septic Tank, Dosing Tank, Disposal Field, Seepage Pits and Interceptor Drains Pump Performance Curve Other – Specify I hereby certify that the information furnished on Form 4 of this application (and the attachments thereto) is true and accurate. I am aware that falsification | | Number of Pits Total Percolating Area Provided |
| Interceptor Drains Pump Performance Curve Other – Specify | 1. / | , |
| Other – Specify | | |
| 5. I hereby certify that the information furnished on Form 4 of this application (and the attachments thereto) is true and accurate. I am aware that falsification | | Pump Performance Curve |
| | | Other – Specify |
| | | |
| 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. | - | have by contifue that the information furnished on Form 4 of this application (and the attachments they say) is true and applying the falsification and |
| | | |
| | | |

Signature of Professional Engineer______(please seal this form)

DESIGN OF PRESSURE DOSING SYSTEM - Form 5

| Configuration of Distribution network: Type of manifold: End Central | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Distribution Laterals: Number Length, ft Sp | acing, ft |
| Hold Diameter, in Hold Spacing, in | |
| Diameter of Laterals, in | |
| Lateral Discharge Rate: Design Pressure Head at Distal End of Laterals, Hp. Ft | |
| Hold Discharge Rate, Q, gpm | |
| Number of Holes per Lateral, n | |
| Lateral Discharge Rate, (Q x n), gpm | |
| 3. Manifold Length, ft Manifold Diameter, in | |
| 4. System Discharge Rate, gpm | |
| 5a. Pump Selection: Diameter of Delivery Pipe Length of Delivery Pipe | |
| Friction Loss in Delivery Pipe, Hf, ft | |
| Elevation of Dosing Tank Low Water Level | |
| Elevation of Lateral Invert | |
| Elevation Head, He, ft | |
| Total Operating Head, Ht (Hp + Hf + He), ft. | |
| Pump Model | Rated Horsepower |
| Pump Discharge Rate at Total Operating Head, gpm | |
| 5b. Siphon Elevation: | |
| Diameter of Delivery Pipe Length of Delivery Pipe | |
| Friction Loss in Delivery Pipe, Hf, ft. | |
| Velocity Head, Hv, ft | |
| Total Operating Head, Ht (Hp + Hf + Hv), ft | |
| Elevation of Lateral Invert | |
| Elevation of Siphon Invert | |
| 6. Dose Volume: | |
| Design Volume of Sewage, gal/day | |
| Design Permeability, in/hr or Percolation Rate, min/in | |
| Internal Volume of Distribution Network | |
| Dose Volume | |
| | |
| | |
| | |
| 7. I hereby certify that the information furnished on Form 5 of this application (and of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) a | |
| Signature of Professional Engineer | License # |
| (please seal this form) | Εισσίου π |