SAMPLE FORM FOR ACT Part III - Inspection

STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DIPOSAL SYSTEM
CONSTRUCTION INSPECTION AND FINAL APPROVAL

PERMIT NO. _____
DATE PAID: _____
FEE PAID: _____
RECEIPT #: _____

APPLICANT: _____

AGENT: _____

PROPERTY ADDRESS: _____

LOT: ____ **BLOCK:** ____ **SUBDIVISION:** _____ **PROPERTY ID #:** _____

CHECKED [X] ITEMS ARE NOT IN COMPLIANCE WITH STATUTE OR RULE AND MUST BE CORRECTED.

TANK INSTALLATION

[ ] [01] TANK SIZE [1]_____ [2]_____
[ ] [02] TANK MATERIAL _____
[ ] [03] OUTLET DEVICE
[ ] [04] MULTI-CHAMBERED [Y / N]
[ ] [05] OUTLET FILTER _____
[ ] [06] LEGEND _____
[ ] [07] WATERTIGHT
[ ] [08] LEVEL
[ ] [09] DEPTH TO LID

DRAINFIELD INSTALLATION

[ ] [10] AREA [1]_____ [2]_____SQFT
[ ] [11] DISTRIBUTION BOX ___ HEADER____
[ ] [12] NUMBER OF DRAINLINES _____
[ ] [13] DRAINLINE SEPARATION
[ ] [14] DRAINLINE SLOPE
[ ] [15] DEPTH OF COVER
[ ] [16] ELEVATION [ABOVE/BELOW] BM ____
[ ] [17] SYSTEM LOCATION
[ ] [18] DOSING PUMPS _____
[ ] [19] AGGREGATE SIZE
[ ] [20] AGGREGATE EXCESSIVE FINES
[ ] [21] AGGREGATE DEPTH

FILL / EXCAVATION MATERIAL

[ ] [22] FILL AMOUNT
[ ] [23] FILL TEXTURE
[ ] [24] EXCAVATION DEPTH
[ ] [25] AREA REPLACED
[ ] [26] REPLACEMENT MATERIAL

SETBACKS

[ ] [27] SURFACE WATER _____ FT
[ ] [28] DITCHES _____ FT
[ ] [29] PRIVATE WELLS _____ FT
[ ] [30] PUBLIC WELLS _____ FT
[ ] [31] IRRIGATION WELLS _____ FT
[ ] [32] POTABLE WATER LINES _____ FT
[ ] [33] BUILDING FOUNDATION _____ FT
[ ] [34] PROPERTY LINES _____ FT
[ ] [35] OTHER _____ FT

FILLED / MOUND SYSTEM

[ ] [36] DRAINFIELD COVER
[ ] [37] SHOULDERS
[ ] [38] SLOPES
[ ] [39] STABILIZATION _____

ADDITIONAL INFORMATION

[ ] [40] UNOBSTRUCTED AREA
[ ] [41] STORMWATER RUNOFF
[ ] [42] ALARMS
[ ] [43] MAINTENANCE AGREEMENT
[ ] [44] BUILDING AREA
[ ] [45] LOCATION CONFORMS WITH SITE PLAN
[ ] [46] FINAL SITE GRADING
[ ] [47] CONTRACTOR _____
[ ] [48] OTHER _____

ABANDONMENT

[ ] [49] TANK PUMPED ___/___/___
[ ] [50] TANK CRUSHED & FILLED ___/___/___

EXPLANATION OF VIOLATIONS / REMARKS:

[ ] _____
[ ] _____
[ ] _____
[ ] _____

CONSTRUCTION [APPROVED/DISAPPROVED]: _____ _____ **CHD DATE:** _____

FINAL SYSTEM [APPROVED/DISAPPROVED]: _____ _____ **CHD DATE:** _____

DH 4016, 08/09 (Obsoletes all previous editions which may not be used)
Incorporated: 64E-6.003, FAC

VOID

PERMIT NUMBER: Permit tracking number assigned by CHD.

APPLICANT: Property owner's full name.

AGENT: Property owner's legally authorized representative.

MAILING ADDRESS: P.O. box or street mailing address for applicant or agent.

LOT, BLOCK, SUBDIVISION Lot, Block and Subdivision for lot or
PROPERTY ID#: 27 character number for property. (property appraiser ID # or GIS location)

COUNTY HEALTH DEPARTMENT CHECKS [X] ITEMS NOT IN COMPLIANCE WITH CONSTRUCTION PERMIT AND STATUTE OR RULE. INFORMATION IS COMPLETED BY CHD ON FOLLOWING ITEMS:

TANK SIZE (gallons)
TANK MATERIAL (concrete, fiberglass, etc)

OUTLET FILTER (manufacturer, make, model)
LEGEND (manufacturer code)
DRAINFIELD AREA (square feet)

DISTRIBUTION BOX / HEADER (check box)

NUMBER OF DRAINLINES (number installed)
SYSTEM ELEVATION (in relation to BM)
DOSING PUMPS (number installed)

SETBACKS (record actual setbacks in ft)

SETBACKS OTHER (as required)

STABILIZATION (date stabilized)
CONTRACTOR (contractor installing system)

ADDITIONAL INFORMATION (as required)
ABANDONMENT TANK PUMPED (date)
TANK CRUSHED AND FILLED (date)

AS BUILT INSTALLATION SKETCH

EXPLANATION OF VIOLATIONS: Record item number, explanation of violation, and required corrective action.
CONSTRUCTION APPROVAL: Circle approved or disapproved, CHD signature and date.
FINAL APPROVAL: Circle approved or disapproved. CHD signature and date of approval.
Final approval shall not be granted until the CHD has confirmed that building construction and lot grading are in substantial compliance with plans and specifications submitted with the permit application.

ELEVATION WORKSHEET ELEVATION OF BENCHMARK OR REFERENCE POINT: _____

		EXISTING GROUND		TOP OF AGGREGATE		_____	
[+] SHOT	_____	H.I.	_____	H.I.	_____	H.I.	_____
H.I.	_____	[-] SHOT	_____	[-] SHOT	_____	[-] SHOT	_____
ELEVATION	_____		_____		_____		_____

STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM
SYSTEM REPAIR CERTIFICATION

PERMIT # _____

APPLICANT: _____

MST CONTRACTOR: _____ REGISTRATION NO. SM _____

PROPERTY STREET ADDRESS: _____

LOT: _____ BLOCK: _____ SUBDIV: _____ ID#: _____

COMPLETE ALL APPLICABLE ITEMS. DRAW AS-BUILT SYSTEM AND RECORD ELEVATION MARKS ON BACK OF FORM.

TANK 1: NEW [ ] SIZE _____ MATERIAL _____ LEGEND _____ OUTLET FILTER [ ]
TANK 2: NEW [ ] SIZE _____ MATERIAL _____ LEGEND _____ OUTLET FILTER [ ]

GREASE TRAP: NEW [ ] SIZE _____ MATERIAL _____ LEGEND _____

DOSING TANK: NEW [ ] SIZE _____ MATERIAL _____ LEGEND _____
PUMPS: NEW [ ] # PUMPS: _____ MAKE AND MODEL NO. _____
DOSING TANK: NEW [ ] SIZE _____ MATERIAL _____ LEGEND _____
PUMPS: NEW [ ] # PUMPS: _____ MAKE AND MODEL NO. _____

FIELD 1: SIZE _____ # PIPES _____ # TRENCHES _____ BED _____ X _____ [D BOX / HEADER]
NEW [ ] ELEVATION OF BOTTOM OF DRAINFIELD _____ [IN / FT] [ABOVE / BELOW] BENCHMARK/REF POINT
FIELD 2: SIZE _____ # PIPES _____ # TRENCHES _____ BED _____ X _____ [D BOX / HEADER]
NEW [ ] ELEVATION OF BOTTOM OF DRAINFIELD _____ [IN / FT] [ABOVE/BELOW] BENCHMARK/REF POINT

AGGREGATE: SIZE: _____ SOURCE: _____
FILL: AMOUNT: _____ INCHES TEXTURE: _____
EXCAVATION: DEPTH: _____ INCHES TEXTURE: _____
FILLED/MOUND SYSTEM STABILIZATION DATE: ___/___/____ MATERIAL: _____

SETBACKS: SURFACE WATER: _____ DITCHES: _____ FOUNDATION: _____ PROPERTY LINE: _____
[IN FEET] WELLS: PRIVATE: _____ PUBLIC: _____ IRRIGATION: _____ WATER LINES: _____

ABANDONMENT: TANK PUMPED: _____/_____/_____ TANK CRUSHED AND FILLED: _____/_____/_____
BY: _____ REGISTRATION NO: _____

REMARKS [DESCRIBE ANY REPAIRS OR MODIFICATIONS TO EXISTING SYSTEM]: _____

THIS IS TO CERTIFY THAT I HAVE PERSONALLY INSPECTED THE ABOVE REFERENCED ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM INSTALLATION. THE SYSTEM INSTALLED IS IN FULL COMPLIANCE WITH THE PERMIT AND S. 381.0065, FLORIDA STATUTES, AND CHAPTER 64E-6, FLORIDA ADMINISTRATIVE CODE.
I UNDERSTAND THAT FALSIFICATION OF THIS REPORT IS GROUNDS FOR IMPOSITION OF AN ADMINISTRATIVE FINE OR SUSPENSION OR REVOCATION OF MY SEPTIC TANK CONTRACTING REGISTRATION AND AUTHORIZATION.

SIGNATURE: _____ DATE: _____

DH 4016, 08/09 (Obsoletes previous editions which may not be used)
Incorporated: 64E-6.001, FAC

AS BUILT INSTALLATION SKETCH

INSTRUCTIONS:

PERMIT # : Permit tracking number assigned by Health Department.

APPLICANT Property owner's full name.

MST CONTRACTOR: Master Septic Tank Contractor performing certification.

REGISTRATION NO: Master Septic Tank Contractor registration number.

PROPERTY STREET ADDRESS: Street address and locale of installation.

LOT/BLOCK/SUBDIVISION/ID#: Property appraiser lot identification.

TANK1: Complete all information on new and existing tanks. Indicate if Tank is NEW or leave blank for existing. Complete SIZE (gallons), MATERIAL (concrete, fiberglass, polyethylene), LEGEND (SHO Approval No.). Mark OUTLET FILTER if installed - leave blank if NA.

TANK2: Same as TANK1.

GREASE TRAP: Same as TANK1.

DOSING TANK: Same as TANK1. Complete information on new and existing pumps indicating if pumps are NEW (leave blank for existing), # PUMPS, and MAKE AND MODEL NO.

FIELD 1: Complete all information on new and existing drainfields. Indicate if NEW field or leave blank for existing. Complete SIZE (square feet), # PIPES, # TRENCHES (leave blank if NA), DIMENSIONS (width and bed length or total length of all trenches), D BOX/HEADER (circle applicable item), ELEVATION (elevation of lowest point of bottom of drainfield in relation to benchmark or reference point).

FIELD 2: Same as FIELD1.

AGGREGATE: Complete all items indicating SIZE and SOURCE from bill of lading.

FILL: Complete if applicable indicating AMOUNT of fill in inches from natural grade and USDA soil TEXTURE.

EXCAVATION: Complete if applicable indicating DEPTH of excavation in inches an USDA soil TEXTURE of replacement material.

FILLED/MOUND SYSTEM STABILIZATION: Complete if applicable DATE and MATERIAL.

SETBACKS: Complete all items indicating NA if not applicable. Actual measurements in feet for all applicable items.

ABANDONMENT: Complete if applicable indicating date TANK PUMPED and date TANK CRUSHED AND FILLED and name and registration number of permitted septage disposal company pumping tank.

REMARKS: Describe any repairs or modifications to existing system or other site specific information.

SIGNATURE: Signature of Master Septic Tank Contractor performing certification.

DATE: Date of Certification.

SYSTEM ELEVATION SURVEY

BENCHMARK: _____

NATURAL GRADE: _____

TANK INLET: _____

TANK OUTLET: _____

TOP OF TANK: _____

TANK INLET: _____

TANK OUTLET: _____

TOP OF TANK: _____

DRAINFIELD: Indicate in as-built sketch

	TOP	DEPTH AGGREGATE	BOTTOM
A			
B			
C			
D			
E			
F			
G			
H			

EMPLOYEE FIELD STANDARDIZATION: BASELINE SYSTEM CONSTRUCTION INSPECTION AND FINAL APPROVAL

(Version A07.19.2010)

PRINT FOLLOWING INFORMATION

EMPLOYEE: _____ CONTRACTOR: _____

EVALUATOR: _____ OSTDS PERMIT NUMBER: _____ DATE: _____

ALL INFORMATION MUST BE LEGIBLE. ALL SETBACK MEASUREMENTS ARE TO BE MADE WITH A TAPE MEASURE OR OTHER STATE OFFICE APPROVED DEVICE. SETBACK MEASUREMENTS MUST BE FROM CLOSEST POINT OF SYSTEM TO THE FEATURE. EVALUATOR MUST RECORD MINIMUM DISTANCE WHICH CAN BE MET. ACTUAL MEASUREMENTS MUST BE RECORDED IN FEET OR WITH "NA" FOR NON-APPLICABLE FEATURES. FEATURES ON SITE PLAN OR WITHIN 75 FEET OF THE APPLICANT LOT (OR PARCEL DRAWN WHEN PROPERTY ≥5 ACRES), WITHIN 100 FEET OF THE SYSTEM, MUST BE MEASURED. THE LOCATION OF ANY PUBLIC DRINKING WELL WITHIN 200 FEET OF THE SYSTEM MUST ALSO BE MEASURED.

NO.	ITEM	VALUE	SCORE	X = CORRECT O = INCORRECT N = NOT APPLICABLE	
				PROCEDURE	REGULATORY COMPLIANCE
01.	TANK SIZE	1	X O N		
02.	TANK MATERIAL	1	X O N		
03.	TANK OUTLET DEVICE	1	X O N		
04.	TANK MULTI-CHAMBERED AND PROPERLY BAFFLED OR TANKS IN SERIES WITH APPROPRIATE CONNECTIONS	1	X O N		
05.	TANK OUTLET FILTER	1	X O N		
06.	TANK LEGEND (ALL TANKS)	1	X O N		
07.	TANK SEALED / WATER TIGHT WITH NO VISIBLE DEFECTS	1	X O N		
08.	TANK LEVEL WITH CORRECT INLET / OUTLET FALL	1	X O N		
09.	DEPTH OF TANK / RISERS	1	X O N		
10.	DRAINFIELD AREA	1	X O N		
11.	DISTRIBUTION BOX / HEADER PIPE	1	X O N		
12.	NUMBER OF DRAINLINES / DRAINFIELD DISTRIBUTION UNITS	1	X O N		
13.	DRAINLINE SEPARATION	1	X O N		
14.	SLOPE OF DRAINLINES	1	X O N		
15.	DEPTH OF COVER	1	X O N		
16.	ELEVATION OF SYSTEM	1	X O N		
17.	SYSTEM LOCATION	1	X O N		
18.	DOSING PUMPS AND ALARM	1	X O N		
19.	AGGREGATE: SIZE	1	X O N		
20.	AGGREGATE: EXCESSIVE FINES	1	X O N		
21.	AGGREGATE: DEPTH	1	X O N		
22.	FILL MATERIAL: AMOUNT	1	X O N		
23.	FILL MATERIAL: TEXTURE	1	X O N		
24.	EXCAVATION DEPTH	1	X O N		
25.	FILL AREA REPLACED	1	X O N		
26.	REPLACEMENT MATERIAL	1	X O N		
27.	SYSTEM SETBACK TO SURFACE WATER	1	X O N		
28.	SYSTEM SETBACK TO DITCHES	1	X O N		
29.	SYSTEM SETBACK TO PRIVATE WELLS	1	X O N		
30.	SYSTEM SETBACK TO PUBLIC WELLS	1	X O N		
31.	SYSTEM SETBACK TO IRRIGATION WELLS	1	X O N		
32.	SYSTEM SETBACK TO WATER LINES	1	X O N		
33.	SYSTEM SETBACK TO FOUNDATIONS	1	X O N		

34.	SYSTEM SETBACK TO PROPERTY LINES	1	X O N		
35.	OTHER SETBACKS	1	X O N		
36.	MOUND / FILL: COVER	1	X O N		
37.	MOUND / FILL: SHOULDERS	1	X O N		
38.	MOUND / FILL: SLOPES	1	X O N		
39.	MOUND / FILL: STABILIZATION	1	X O N		
40.	UNOBSTRUCTED AREA	1	X O N		
41.	STORMWATER/ROOF RUNOFF	1	X O N		
42.	ALARMS	1	X O N		
43.	MAINTENANCE AGREEMENT	1	X O N		
44.	BUILDING AREA	1	X O N		
45.	LOCATION CONFORMS WITH SITE PLAN	1	X O N		
46.	FINAL SITE GRADING	1	X O N		
47.	CONTRACTOR	1	X O N		
48.	OTHER	1	X O N		
49.	ABANDONMENT: TANK PUMPED	1	X O N		
50.	ABANDONMENT: TANK CRUSHED AND FILLED	1	X O N		
	SOIL PROFILE CONFORMS WITH SITE EVALUATION	1	X O N		
	CONSTRUCTION APPROVAL FINAL APPROVAL	1	X O N		
	FINAL APPROVAL	1	X O N		
	SCORE				
	COLUMN SCORES FOR PROCEDURE AND REGULATORY COMPLIANCE				
	STANDARDIZATION SCORE				

EMPLOYEE FIELD STANDARDIZATION: BASELINE SYSTEM CONSTRUCTION INSPECTION AND FINAL APPROVAL

(Version A07.19.2010)

PRINT FOLLOWING INFORMATION

EMPLOYEE: _____ CONTRACTOR: _____

EVALUATOR: _____ OSTDS PERMIT NUMBER: _____ DATE: _____

ALL INFORMATION MUST BE LEGIBLE. ALL SETBACK MEASUREMENTS ARE TO BE MADE WITH A TAPE MEASURE OR OTHER STATE OFFICE APPROVED DEVICE. SETBACK MEASUREMENTS MUST BE FROM CLOSEST POINT OF SYSTEM TO THE FEATURE. EVALUATOR MUST RECORD MINIMUM DISTANCE WHICH CAN BE MET. ACTUAL MEASUREMENTS MUST BE RECORDED IN FEET OR WITH "NA" FOR NON-APPLICABLE FEATURES. FEATURES ON SITE PLAN OR WITHIN 75 FEET OF THE APPLICANT LOT (OR PARCEL DRAWN WHEN PROPERTY ≥5 ACRES), WITHIN 100 FEET OF THE SYSTEM, MUST BE MEASURED. THE LOCATION OF ANY PUBLIC DRINKING WELL WITHIN 200 FEET OF THE SYSTEM MUST ALSO BE MEASURED.

NO.	ITEM	PROPER PROCEDURE & PERFORMANCE EVALUATION GUIDE
01.	**TANK SIZE**	TANK SIZE MUST BE CONFIRMED BY VISUAL INSPECTION OF TANK LEGEND AND STATE HEALTH OFFICE APPROVAL NUMBER FOR ALL TANKS USED IN THE SYSTEM (TREATMENT, DOSING, LAUNDRY AND GREASE TRAPS). TANK SIZE MUST CONFORM TO PERMIT AND RULE REQUIREMENTS *(TABLE II)*. TREATMENT TANKS FOR NEW SYSTEMS MUST MEET SIZING CRITERIA IN TABLE II, MODIFICATIONS MUST BE WITHIN ONE TANK SIZE AND REPAIRS MUST BE WITHIN TWO TANK SIZES. RANDOM VERIFICATION OF APPROVED TANK DIMENSIONS (I.E., LENGTH, WIDTH AND DEPTH) AND DEPTH OF INLET AND /OUTLET IS REQUIRED TO CONFIRM CAPACITY. A 25' X 1" STAINLESS STEEL, RIGID AND SELF-LOCKING MEASURING TAPE CAN BE USED. TANKS USED IN SERIES MUST CONFORM TO PROPER SIZING REQUIREMENTS [64E-6.013(2) (a)].
02.	**TANK MATERIAL**	TANK MATERIAL MUST BE VISUALLY CONFIRMED AND RECORDED ON THE FORM.
03.	**TANK OUTLET DEVICE**	SOLIDS DEFLECTION DEVICE OR AN OUTLET TEE WITH A 90 DEGREE TURN, MUST BE VISUALLY CONFIRMED AND MEASURED TO VERIFY IT IS NOT LESS THAN 30% NOR GREATER THAN 40% OF THE LIQUID DEPTH AND THAT IT EXTENDS AT LEAST 4" ABOVE THE LIQUID LEVEL. A 25' X1" STAINLESS STEEL, RIGID AND SELF-LOCKING MEASURING TAPE CAN BE USED
04.	**TANK MULTI-CHAMBERED OR TANKS IN SERIES**	MULTIPLE CHAMBERED TANKS OR TANKS IN SERIES MUST HAVE CORRECT CAPACITIES [64E-6.013(2)(a)], TANK CONFIGURATIONS AND PROPER BAFFLE AND BAFFLE OPENING PLACEMENT. CHECK FOR PROPER CONNECTIONS BETWEEN TANKS AND USE OF CORRECT FITTINGS. OPENINGS FOR SEWAGE FLOW IN WALLS OF MULTI-CHAMBERED TANKS MUST BE CLEANLY CUT AND MEASURED FOR PROPER DEPTHS AND OPENING SIZE (4" DIAMETER OR MINIMUM 12.57 SQ. INCHES OF OPEN AREA), OR USE INVERTED "U" FITTING OR TEE [64E-6.013(2)(h)].. A 25' X1" STAINLESS STEEL, RIGID AND SELF-LOCKING MEASURING TAPE CAN BE USED.
05.	**TANK OUTLET FILTER**	MAKE AND MODEL OF OUTLET FILTER MUST BE RECORDED AND BE AN APPROVED FILTER *(CHECK BUREAU'S WEBSITE FOR CURRENT PRODUCT APPROVALS)*. FILTER MUST BE PHYSICALLY INSPECTED (I.E., REMOVED AND REPLACED TO ENSURE INTEGRITY AND PROPER INSTALLATION AND VISUALLY CHECKED FOR DEFECTS) [64E-6.008(2)]
06.	**TANK LEGEND / STATE HEALTH OFFICE APPROVAL NUMBER (ALL TANKS)**	RECORD STATE HEALTH OFFICE APPROVAL NUMBER OF ALL TANKS USED IN THE SYSTEM AND VERIFY TANK LEGEND MATCHES INSTALLED TANK AND CURRENT PRODUCT APPROVAL WEBSITE LISTING.
07.	**TANK SEALED / WATER TIGHT WITH NO VISIBLE DEFECTS**	TANK LID, INLET AND OUTLETS MUST BE CHECKED FOR PROPER INLET AND OUTLET SEALS AND MUST VISUALLY CHECK FOR MASTIC SEALANT MATERIAL BETWEEN TANK AND LID [64E-6.013(1)(b)(3) and 64E-6.013(2)(i)]. WATER TIGHT INSPECTION INCLUDES VERIFYING THE SEWER AND EFFLUENT PIPES ARE NOT INSTALLED WITH MORE THAN 7 DEGREES FROM PERPENDICULAR TO TANK WALL. THIS EQUATES TO THE PIPE LEANING NO MORE THAN 1" OVER A DISTANCE OF 8" IN ANY DIRECTION. A WATER TIGHTNESS TEST IS REQUIRED FOR TANKS MANUFACTURED WITH WATER STOPS BELOW THE INVERT OF THE OUTLET AND TANKS WITH SEAMS BELOW THE INVERT OF THE OUTLET [64E-6.013(1)(B)3.] VISUALLY OBSERVE ALL INTERIOR AREAS OF TANKS FOR VISIBLE DEFECTS. AFTER THE INTERIOR OF THE TANK IS INSPECTED FOR HOLES AND CRACKS, MANHOLE COVERS MUST BE SEALED [64E-6.013(2)(k)]. FOAM SEALANT OR CONCRETE MAY BE USED.

08.	**TANK LEVEL WITH CORRECT INLET / OUTLET FALL**	ELEVATION DIFFERENCE BETWEEN THE INLET AND THE OUTLET MUST BE MEASURED USING A LASER OR SURVEYORS LEVEL AND STADIA ROD. MUST CONCUR WITH THE TANK MANUFACTURERS APPROVAL. *(CHECK BUREAU'S WEBSITE FOR CURRENT PRODUCT APPROVALS)* LEVEL OF TANK MUST BE CHECKED. TO OBTAIN THE MOST ACCURATE DEGREE OF LEVELNESS, USE THE BOTTOM OF THE TANK TO DETERMINE TANK LEVELNESS BY INSERTING THE STADIA ROD THROUGH THE TANK MANHOLES AND CHECKING ACROSS THE WIDTH AND LENGTH OF THE TANK. FOR TANKS THAT HAVE INACCESSIBLE INTERIORS OR ROUNDED BOTTOMS, THE INSPECTOR SHOULD USE THE BEST AVAILABLE LOCATION TO OBTAIN LEVEL OF TANK. THERE CANNOT BE MORE THAN ½" FALL OVER ENTIRE LENGTH OR WIDTH OF TANK [64E-6.013(10)(b)].
09.	**DEPTH OF TANK LID, ACCESS MANHOLE OR RISERS**	MEASURE DEPTH OF LIDS, ACCESS MANHOLES OR RISERS FOR TANKS TO ENSURE THAT THEY ARE NO MORE THAN 8" BELOW FINISHED GRADE [64E-6.013(2)(k)]. A 25' X1" STAINLESS STEEL, RIGID AND SELF-LOCKING MEASURING TAPE OR STADIA ROD CAN BE USED.
10.	**DRAINFIELD AREA**	USING AN APPROVED MEASURING DEVICE, MEASURE THE LENGTH AND WIDTH OF THE DRAINFIELD BED OR TRENCHES AND DETERMINE THE SQUARE FOOTAGE INSTALLED. FOR MINERAL AGGREGATE SYSTEMS, INCLUDE THE AREA OF THE HEADER PIPE IN THIS CALCULATION. FOR ALTERNATIVE DRAINFIELD PRODUCTS, YOU MAY COUNT PRODUCT UNITS AND USE THE PRODUCT COMPARABLE RATING TO DETERMINE SQUARE FOOTAGE (COMPARABLE RATINGS FOR ALTERNATIVE DRAINFIELD PRODUCTS ARE LISTED ON THE BUREAU WEBSITE). RECORD THE AMOUNT WHICH MUST CONFORM TO MINIMUM PERMITTED SPECIFICATIONS AND CONCUR WITH RULE REQUIREMENTS AND PRODUCT COMPARABLE RATINGS [*TABLE I FOR NEW SYSTEMS AND MODIFICATIONS, 64E-6.015(6)*(b)*(c) FOR REPAIRS]*.
11.	**DISTRIBUTION BOX / HEADER PIPE**	D-BOX OR HEADER PIPES MUST BE CHECKED FOR LEVELNESS AND EQUAL DISTRIBUTION. FOR AGGREGATE SYSTEM, HEADER PIPES MUST BE ENCASED IN THE MINERAL AGGREGATE. DRAINLINE CONNECTIONS TO HEADER PIPES MUST BE SOIL TIGHT IN GRAVITY SYSTEMS AND WATERTIGHT IN DOSED OR PUMPED SYSTEM. APPROVED CONFIGURATIONS UTILIZED [64E-6014(1) – (2)].
12.	**NUMBER OF DRAINLINES / DRAINFIELD DISTRIBUTION UNITS**	RECORD THE NUMBER OF DRAINLINES INSTALLED AND COMPARE WITH PERMIT SPECIFICATIONS. RECORD LENGTH OF EACH INDIVIDUAL DRAINLINE. IF ALTERNATIVE DRAINFIELD PRODUCTS ARE USED, THE NUMBER OF UNITS PER DRAINLINE SHALL BE RECORDED. DRAINLINES ARE TO BE EQUAL IN LENGTH OR THERE SHOULD BE NO MORE THAN A 10' OR ONE ALTERNATIVE PRODUCT UNIT DIFFERENCE IN LENGTH BETWEEN ANY TWO DRAINLINES.
13.	**DRAINLINE SEPARATION**	USING AN APPROVED MEASURING DEVICE, DRAINLINE SEPARATION MUST BE MEASURED AND VERIFIED FOR RULE COMPLIANCE. FOR TRENCHES OF = OR < 12", THERE SHALL BE A MINIMUM SEPARATION DISTANCE OF 12". TRENCHES OF > 12" REQUIRE A 24" SEPARATION. IN BEDS, THE DISTANCE BETWEEN THE CENTERS OF DISTRIBUTION LINES SHALL BE A MAXIMUM OF 36". [64E-6.014(5)(b)]
14.	**SLOPE OF DRAINLINES**	USING A LASER OR SURVEYORS LEVEL AND STADIA ROD, CHECK THE SLOPE OF EACH DRAINLINE AT A MINIMUM OF EVERY 10 FEET. IN MINERAL AGGREGATE SYSTEMS, A MAXIMUM OF 1" FALL FOR EVERY 10' OF DRAINLINE. FOR ALTERNATIVE DRAINFIELD PRODUCTS, CHECK THE PRODUCT'S FLORIDA SPECIFIC INSTALLATION GUIDE TO DETERMINE IF SLOPE IS ALLOWED. [64E-6.014(5)(h)].
15.	**DEPTH OF DRAINFIELD COVER**	USING A LASER OR SURVEYORS LEVEL AND STADIA ROD, MEASURE THE MAXIMUM DISTANCE FROM THE PROJECTED FINISHED GRADE AROUND THE PERIMETER OF THE DRAINFIELD TO THE BOTTOM OF THE DRAINFIELD. BOTTOM OF INFILTRATIVE SURFACE CAN NOT EXCEED 30" BELOW GRADE [64E-6.014(5)(f)]
16.	**BOTTOM OF DRAINLINE ELEVATION - ABOVE OR BELOW BENCHMARK**	USING A LASER OR SURVEYORS LEVEL AND STADIA ROD, AT THE LOWEST POINT OF THE DRAINFIELD, MEASURE THE ELEVATION OF THE BOTTOM OF THE DRAINFIELD IN RELATION TO THE BENCHMARK AND COMPARE TO PERMIT SPECIFICATIONS FOR COMPLIANCE. RECORD THE MEASUREMENT IN INCHES.

17.	**DRAINFIELD LOCATION**	VISUALLY EXAMINE THE DRAINFIELD LOCATION TO ENSURE IT WAS INSTALLED IN THE AREA INDICATED ON THE SITE PLAN, AND THAT THE SOIL BORINGS ARE WITHIN THE DRAINFIELD AREA.
18.	**DOSING PUMPS**	VISUALLY EXAMINE THE DOSING PUMP(S). VERIFY THE NUMBER OF PUMPS AND THAT ALL PUMPS ARE SUITABLE FOR THE PURPOSE (RATED FOR EFFLUENT DISPOSAL) AND MEET ALL CRITERIA SPECIFIED BY THE DESIGN ENGINEER OR MASTER SEPTIC TANK CONTRACTOR. VISUALLY EXAMINE THAT THE PUMP FLOATS ARE SET FOR THE CORRECT DOSE VOLUME. FOR LOW-PRESSURE DOSING SYSTEMS PUMP FLOAT LEVELS SHALL BE SET IN ACCORDANCE WITH THE SPECIFICATIONS OF THE DESIGN ENGINEER OR MASTER SEPTIC TANK CONTRACTOR 64E-6.014(3)-(4)]. IN CASES WHERE A PUMP CHAMBER INSERT IS UTILIZED, PUMP FLOAT LEVELS MUST BE SET TO NOT EXCEED 25% OF THE DAILY SEWAGE FLOW AND NO HIGHER THAN WITHIN 1 INCH OF THE INLET INVERT [64E-6.013(9)(d)4.] FOR LIFT DOSED SYSTEMS INSPECT AND RECORD PUMP TYPE (SUITABLE FOR PURPOSE) AND PUMP FLOAT LEVELS SET BY INSTALLER [64E-6.013(9)
19.	**AGGREGATE: SIZE**	AGGREGATE MUST BE VISUALLY EXAMINED FOR COMPLIANCE WITH GRADATION REQUIREMENTS. IF VISUAL EXAMINATION REVEALS POSSIBLE GRADATION NON-COMPLIANCE, A COPY OF THE FREIGHT BILL-OF-LADING FOR THE AGGREGATE USED MUST BE REQUESTED FROM THE CONTRACTOR AND THE MINERAL AGGREGATE MUST BE REPLACED. IF THE CONTRACTOR / APPLICANT DISPUTES THE DETERMINATION, THE MINERAL AGGREGATE MUST BE SAMPLED AND ANALYZED FOR COMPLIANCE WITH THE GRADATION REQUIREMENTS IN [64E-6.014(5)(c)].
20.	**AGGREGATE: EXCESSIVE FINES**	AGGREGATE MUST BE VISUALLY EXAMINED FOR EXCESSIVE FINES AND THE PRESENCE OF NON-MINERAL AGGREGATE OR EXTRANEOUS MATERIAL. MINERAL AGGREGATE SHALL NOT CONTAIN EXCESSIVE FINES (BY WEIGHT, NO MORE THAN 3.75% PASSING THROUGH #200 SIEVE). EXAMINE A MINIMUM OF TWO LOCATIONS; ONE AT THE BEGINNING AND ONE AT THE END OF DRAINFIELD SYSTEM. IF DRAINFIELD SYSTEM IS TRENCHES, THEN EXAMINE TWO LOCATIONS FOR EACH TRENCH. IF VISUAL EXAMINATION REVEALS EXCESSIVE FINES, THE MINERAL AGGREGATE MUST BE REPLACED. IF THE CONTRACTOR / APPLICANT DISPUTES THE DETERMINATION, THE MINERAL AGGREGATE MUST BE SAMPLED AND ANALYZED FOR COMPLIANCE WITH THE GRADATION REQUIREMENTS IN [64E-6.014(5)(c)]
21.	**AGGREGATE: DEPTH**	WHEN INSPECTING A DRAINFIELD BED, THE AREA DRAINFIELD MUST BE EXAMINED IN FOUR (4) EQUALLY SIZED QUADRANTS AND AGGREGATE DEPTH MUST BE CHECKED IN EACH QUADRANT. WHEN INSPECTING A DRAINFIELD TRENCH, THE AREA OF THE TRENCH MUST BE EXAMINED IN FOUR (4) EQUALLY SIZED SEGMENTS PER DRAIN TRENCH AND AGGREGATE DEPTH MUST BE CHECKED IN EACH SEGMENT. MEASURE WITH A STEEL PROBE MARKED WITH A 12” INTERVAL. [64E-6.014(5)(c)-(d)].
22.	**FILL MATERIAL: AMOUNT**	THE AMOUNT OF FILL MATERIAL ON SITE MUST BE VISUALLY EXAMINED AND DETERMINED TO BE SUFFICIENT FOR USE IN THE CONSTRUCTION OF THE SYSTEM.

23.	**FILL MATERIAL: TEXTURE**	USING THE USDA NRCS FIELD METHODOLOGY FOR TEXTURING SOILS AND THE INFORMATION GIVEN IN RULE 64E-6.016, EXAMINE THE TEXTURE OF THE FILL MATERIAL. FILL MATERIAL USED TO CONSTRUCT THE SYSTEM MUST BE EXAMINED IN A MINIMUM OF FOUR (4) LOCATIONS, INCLUDING UNDER THE DRAINFIELD. IF TEXTURING REVEALS NON-COMPLIANT FILL MATERIAL, THE FILL MATERIAL MUST BE REPLACED. IF THE CONTRACTOR / APPLICANT DISPUTES THE DETERMINATION, THE FILL MATERIAL MUST BE SAMPLED AND ANALYZED FOR COMPLIANCE. ALSO NOTE CARBONATE FILL MATERIAL IS PROHIBITED IN DRAINFIELDS. IF YOU SUSPECT THE PRESENCE OF CARBONATE FILL, REQUEST CONTRACTOR TO IDENTIFY THE FILL MATERIAL SOURCE AND FOLLOW THE TESTING GUIDANCE PROVIDED IN MEMO 98-022.
24.	**EXCAVATION DEPTH**	BORING MUST BE CONDUCTED TO CONFIRM REPLACEMENT DEPTH TO PERMIT SPECIFICATIONS. EXCAVATION DEPTH MUST BE CHECKED AT A MINIMUM OF FOUR (4) LOCATIONS, USING A STEEL PROBE OR A SOIL AUGER WHEN DEPTH OF EXCAVATION CAN NOT BE VERIFIED WITH THE STEEL PROBE. MUST HAVE A 54" EFFECTIVE SOIL DEPTH AND COMPLETE REMOVAL OF MODERATELY OR SEVERELY LIMITED SOIL. FOR RAPIDLY PERCOLATING SOIL, A 42" EFFECTIVE SOIL DEPTH IS USED (TABLE II, FOOTNOTES 3, 4).
25.	**FILL AREA REPLACED**	USING AN APPROVED MEASURING DEVICE, MEASURE AND RECORD THE EXCAVATION AREA. FOR TRENCHES MUST BE 2' WIDER AND LONGER THAN EACH TRENCH. FOR BEDS THE ENTIRE AREA MUST BE 2' WIDER AND LONGER THAN THE BED (TABLE III, FOOTNOTE 3.)
26.	**REPLACEMENT MATERIAL**	USING THE USDA NRCS FIELD METHODOLOGY FOR TEXTURING SOILS AND THE INFORMATION GIVEN IN RULE 64E-6.016, EXAMINE THE TEXTURE OF THE REPLACEMENT MATERIAL. MUST BE SLIGHTLY LIMITED AND HAVE NO EXTRANEOUS MATERIAL. REPLACEMENT MATERIAL USED TO CONSTRUCT THE SYSTEM MUST BE EXAMINED AT A MINIMUM OF FOUR (4) LOCATIONS, INCLUDING UNDER THE DRAINFIELD. IF TEXTURING REVEALS INADEQUATE REPLACEMENT MATERIAL, THE REPLACEMENT MATERIAL MUST BE REMOVED. IF THE CONTRACTOR / APPLICANT DISPUTES THE DETERMINATION, THE REPLACEMENT MATERIAL MUST BE SAMPLED AND ANALYZED FOR COMPLIANCE.
27.	**SYSTEM SETBACK TO SURFACE WATER**	IF THE MEAN ANNUAL FLOOD LINE OR THE MEAN HIGH WATER LINE OCCUR WITHIN 100 FEET OF THE SYSTEM, THE SETBACK MUST BE MEASURED FROM THE APPROPRIATE DELINEATION LINE TO THE SYSTEM. SURFACE WATER SETBACKS MUST BE MEASURED WITH AN APPROVED MEASURING DEVICE. RECORD MEASURED DISTANCE IN FEET.
28 - 34.	**SYSTEM SETBACK TO DITCHES, PRIVATE WELLS, TO IRRIGATION WELLS, TO WATER LINES, TO FOUNDATIONS, TO PROPERTY LINES AND OTHER**	ALL APPROPRIATE SETBACKS WITHIN 100 FEET OF THE SYSTEM MUST BE MEASURED WITH AN APPROVED MEASURING DEVICE AND RECORD ACTUAL SETBACKS IN FEET.
35.	**SYSTEM SETBACK TO PUBLIC WELLS**	ALL APPROPRIATE SETBACKS WITHIN 200 FEET OF THE SYSTEM MUST BE MEASURED WITH AN APPROVED MEASURING DEVICE AND RECORD ACTUAL SETBACKS IN FEET.
36.	**MOUND / FILL: COVER**	FILL MUST BE VISUALLY EXAMINED. FILL MUST BE FREE OF EXTRANEOUS MATERIAL. MEASURE AMOUNT OF SOIL CAP. MEASURE WITH A STEEL PROBE MARKED WITH A 6" INTERVAL. A MINIMUM 6" SOIL CAP OF SLIGHTLY OR MODERATELY LIMITED SOIL IS REQUIRED [64E-6.009(3)(g)].
37.	**MOUND / FILL: SHOULDERS**	MEASURE SHOULDER DISTANCE FROM OUTERMOST EDGE OF THE DRAINFIELD PRODUCT, WHICH HAS A MINIMUM OF 6" OF COVER, TO THE OUTERMOST EXTENT OR POINT WITH A MINIMUM OF 6" OF COVER ABOVE THE ELEVATION OF THE TOP OF THE DRAINFIELD PRODUCT (BEGINNING OF MOUND SLOPE). A MINIMUM 4' SHOULDER DISTANCE IS REQUIRED. NO LANDSCAPING FEATURES, TREES OR BOULDERS (OBSTRUCTIONS), MAY BE PLACED ON THE SHOULDERS [64E-6.009(3)(c),(f)].
38.	**MOUND / FILL: SLOPES**	MEASURE MOUND SLOPE FROM OUTERMOST EDGE OF SHOULDER TO TOE OF MOUND SLOPE. MUST CONFORM TO PERMIT AND RULE REQUIREMENTS. MAY UTILIZE SLIGHTLY LIMITED OR MODERATELY LIMITED SOILS [64E-6.009(3)(f)].

39.	**MOUND / FILL: STABILIZATION**	MOUND MUST BE VISUALLY INSPECTED FOR TYPE, QUALITY AND QUANTITY OF STABILIZATION MATERIAL. RECORD THE DATE STABILIZED AND THE STABILIZATION MATERIAL. IF STABILIZATION IS CONTRACTED TO THE SYSTEM OWNER OR AUTHORIZED AGENT, OBTAIN COPY OF CONTRACT AND NOTIFY SYSTEM OWNER OR AUTHORIZED AGENT IN WRITING OF THE STABILIZATION REQUIREMENT AND NEED TO REQUEST A FINAL SYSTEM APPROVAL INSPECTION. COPY OF CONSTRUCTION INSPECTION REPORT MAY SERVE AS WRITTEN NOTIFICATION [64E-6.009(3)(f),(h)].
40.	**UNOBSTRUCTED AREA**	MEASURED UNOBSTRUCTED AREA MUST COMPLY WITH APPROVED SITE PLAN. UNOBSTRUCTED AREA IS 1.5 TIMES AS LARGE AS THE ABSORPTION AREA REQUIRED BY RULE. ALL UNOBSTRUCTED AREA MUST MEET SETBACKS. [64E-6.005(4)].
41..	**STORMWATER/ROOF RUNOFF**	THE SITE OF THE INSTALLATION AND ADDITIONAL UNOBSTRUCTED AREA MUST BE VISUALLY EXAMINED TO ENSURE IT IS NOT SUBJECT TO SATURATION FROM SOURCES SUCH AS ARTIFICIAL DRAINAGE OF GROUND SURFACE, DRIVEWAYS, ROADS, OR ROOF DRAINS (STORMWATER / ROOF RUNOFF) [64E-6.006(5)].
42.	**ALARMS**	VISUALLY EXAMINE THE LOCATION OF THE AUDIO AND VISUAL ALARM. CONFIRM ALARM ASSOCIATED WITH THE SYSTEM IS FUNCTIONING BY RAISING THE ALARM FLOAT SWITCH ABOVE THE ACTIVATION LEVEL AND CHECKING FOR APPROPRIATE VISUAL AND AUDIBLE RESPONSE [64E-6.013(9)(d)2]. WHEN A PUMP CHAMBER INSERT IS USED, VISUALLY EXAMINE THE ALARM FLOAT TO ENSURE IT IS SET TO ACTIVATE WHEN THE LIQUID LEVEL OF THE TANK WILL EXCEED THE INVERT OF THE INLET [64E-6.013(9)(d)4.b.].
43.	**MAINTENANCE AGREEMENT**	FOR ATU AND PBTS, A SIGNED AND DATED MAINTENANCE AGREEMENT BETWEEN THE PROPERTY OWNER AND AN APPROVED MAINTENANCE ENTITY, THAT IS INITIALLY VALID FOR 2 YEARS, IS REQUIRED AND MUST BE RECEIVED PRIOR TO FINAL SYSTEM APPROVAL. [64E-6.012(2)(m) AND 64E-6.027(6)(d)].
44.	**BUILDING AREA**	MUST VISUALLY EXAMINE THE INTERIOR AND MEASURE THE OUTSIDE DIMENSIONS OF THE AS-BUILT STRUCTURE TO VERIFY IT CONFORMS TO THE APPROVED FLOOR PLAN SUBMITTED AND TO ENSURE THAT IS IN COMPLIANCE WITH PERMIT SPECIFICATIONS.
45.	**SYSTEM LOCATION CONFORMS WITH SITE PLAN**	MUST VISUALLY EXAMINE THE LOCATION OF THE SYSTEM AND OTHER PERTINENT FEATURES DRAWN IN THE APPROVED SITE PLAN TO ENSURE THE SYSTEM IS INSTALLED AS INDICATED ON THE SITE PLAN AND IN A LOCATION THAT DOES NOT VIOLATE ANY RULE REQUIREMENTS.
46.	**FINAL SITE GRADING**	AFTER FINAL SITE GRADING, VISUALLY EXAMINE THE SYSTEM INSTALLATION AREA AND MEASURE COVER OVER DRAINLINES. BOTTOM OF INFILTRATIVE SURFACE IS NOT TO EXCEED 30" BELOW GRADE.
47.	**CONTRACTOR**	RECORD NAME OF CONTRACTOR / CONTRACTING SERVICE AND CONFIRMED PROPER LICENSING.
48.	**OTHER**	RECORD THE MAKE, MODEL AND NUMBER OF UNITS OF ALTERNATIVE DRAINFIELD PRODUCT USED IN THE SYSTEM.
49.	**ABANDONMENT: TANK PUMPED**	VISUALLY EXAMINE OPENED TANK TO VERIFY COMPLETE REMOVAL OF TANK CONTENTS. VERIFY THE BOTTOM OF THE TANK WAS RUPTURE. RECORD THE DATE THE TANK WAS PUMPED [64E-6.011].
50.	**ABANDONMENT: TANK CRUSHED OR COLLAPSED AND FILLED**	VISUALLY EXAMINE THE AMOUNT OF FILL MATERIAL ON SITE AND DETERMINE IF IT IS SUFFICIENT AND SATISFACTORY TO FILL THE ABANDONED TANK. VISUALLY EXAMINE TO DETERMINE THE TANK HAS BEEN CRUSHED OR COLLAPSED. RECORD THE DATE THE TANK WAS CRUSHED OR COLLAPSED AND FILLED [64E-6.011].

SOIL PROFILE CONFORMS WITH SITE EVALUATION (SOIL TEXTURE, MUNSELL COLORS, REDOXIMORPHIC FEATURES, WATER TABLE ELEVATIONS AND DEPTH OF SATISFACTORY SOILS)	WHEN A SITE EVALUATION IS PERFORMED BY NON DEPARTMENTAL PERSONNEL, USING THE USDA NRCS SOIL EVALUATION METHODOLOGY, A MINIMUM OF ONE (1) CONFIRMATION SOIL BORING IS TO BE DONE TO VERIFY THE SOIL CONDITIONS. IF THE CONFIRMATION BORING DOES NOT AGREE WITH THE SUBMITTED SITE EVALUATION, A DETERMINATION IS TO BE MADE AS TO WHETHER THE SYSTEM CAN BE APPROVED. AS NEEDED, THE PERMIT MAY BE AMENDED OR DENIED. MUST BE DOCUMENTED FOR THE FILE. VERIFY THAT THE SOIL TEXTURE USED FOR SIZING THE SYSTEM IS IN CONFORMANCE WITH ACTUAL SITE CONDITIONS. VERIFY THE DEPTH OF THE WETTEST SEASON WATER TABLE. FOR NEW SYSTEMS, ENSURE THAT A MINIMUM 24" SEPARATION FROM THE WATER TABLE IS MAINTAINED. MODIFICATIONS [64E-6.001(4)(a)2-4] AND REPAIRS (TABLE V) MUST MEET APPLICABLE MINIMUM RULE REQUIREMENTS. IF THE WATER TABLE DIFFERS FROM WHAT WAS USED FOR PERMITTING. VERIFY THE EFFECTIVE SOIL DEPTH. FOR NEW SYSTEMS AND MODIFICATIONS, ENSURE THAT THERE IS A MINIMUM 42" EFFECTIVE SOIL DEPTH (54" FOR SOIL REPLACEMENTS). REPAIRS MUST MEET APPLICABLE MINIMUM RULE REQUIREMENTS (TABLE V).
CONSTRUCTION APPROVAL	MUST RECORD APPROVED OR DISAPPROVED. MUST BE SIGNED AND DATED BY A CERTIFIED CHD EMPLOYEE. ALL RE-INSPECTIONS MUST BE RECORDED ON A SEPARATE INSPECTION FORM.
FINAL APPROVAL	FINAL APPROVAL SHALL NOT BE GRANTED UNTIL THE CHD HAS CONFIRMED THAT ALL SYSTEM COMPONENTS ARE COMPLETE, WATER LINES ARE INSTALLED, FINAL LOT GRADING IS COMPLETE, AND BUILDING CONSTRUCTION IS IN SUBSTANTIAL COMPLIANCE WITH THE PLANS AND SPECIFICATIONS SUBMITTED WITH THE PERMIT APPLICATION. MUST RECORD APPROVED OR DISAPPROVED. MUST BE SIGNED AND DATED BY A CERTIFIED CHD EMPLOYEE. EVEN WHEN A SYSTEM HAS RECEIVED CONSTRUCTION APPROVAL, IF THE SYSTEM IS NOT READY TO BE FINALED (E.G., PENDING WATER LINE OR WELL INSTALLATION), THEN THE FINAL SYSTEM DISPOSITION MUST BE RECORDED AS DISAPPROVED. ALL RE-INSPECTIONS MUST BE RECORDED ON A SEPARATE INSPECTION FORM
SCORE **STANDARDIZATION SCORE = AVERAGE OF BOTH COLUMNS = PROCEDURE COLUMN SCORE + REGULATORY COMPLIANCE COLUMN SCORE / 2** **COLUMN SCORE = #CORRECT / #POSSIBLE x 100**	ANY ITEM RECEIVING AN "N" FOR PROCEDURE WILL RECEIVE AN "N" FOR DECISION-MAKING. INSPECTION TIME LIMIT IS 1 HOUR. STANDARDIZATION SCORE IS THE AVERAGE OF THE PROCEDURE AND REGULATORY COMPLIANCE COLUMNS. PASSING STANDARDIZATION SCORE REQUIRES A MINIMUM AVERAGE COLUMN SCORE OF 80% AND NO COLUMN SCORE LESS THAN 70%. CALCULATE SCORE IN EACH COLUMN BY DIVIDING THE NUMBER OF ITEMS CORRECT BY THE NUMBER OF POSSIBLE ITEMS AND MULTIPLY BY 100.

TABLE II
SEPTIC TANK AND PUMP TANK CAPACITY

AVERAGE SEWAGE FLOW GALLONS/DAY	SEPTIC TANK MINIMUM EFFECTIVE CAPACITY GALLONS	PUMP TANK MINIMUM TOTAL CAPACITY GALLONS	
		Residential	Commercial
0-200	900	150	225
201-300	900	225	375
301-400	1050	300	450
401-500	1200	375	600
501-600	1350	450	600
601-700	1500	525	750
701-800	1650	600	900
801-1000	1900	750	1050
1001-1250	2200	900	1200
1251-1750	2700	1350	1900
1751-2500	3200	1650	2700
2501-3000	3700	1900	3000
3001-3500	4300	2200	3000
3501-4000	4800	2700	3000
4001-4500	5300	2700	3000
4501-5000	5800	3000	3000

TABLE III
For Sizing of Drainfields Other Than Mounds

U.S. DEPARTMENT OF AGRICULTURE SOIL TEXTURAL CLASSIFICATION	SOIL TEXTURE LIMITATION (PERCOLATION RATE)	MAXIMUM SEWAGE LOADING RATE TO TRENCH & BED ABSORPTION SURFACE IN GALLONS PER SQUARE FOOT PER DAY	
		TRENCH	BED
Sand; Coarse Sand not associated with a seasonal water table of less than 48 inches; and Loamy Coarse Sand	Slightly limited (Less than 2 min/inch)	0.80	0.60
Loamy Sand; Sandy Loam; Coarse Sandy Loam; and Fine Sand	Slightly limited (2-4 min/inch)	0.80	0.60
Loam; Fine Sandy Loam; Silt Loam; Very Fine Sand; Very Fine Sandy Loam; Loamy Fine Sand; Loamy Very Fine Sand; and Sandy Clay Loam	Moderately limited (5-10 min/inch)	0.65	0.35
Clay Loam; Silty Clay Loam; Sandy Clay; Silty Clay; and Silt	Moderately limited (Greater than 15 min/inch but not exceeding 30 min/inch)	0.35	0.20
Clay; Organic Soils; Hardpan; and Bedrock	Severely limited (Greater than 30 min/inch)	Unsatisfactory for standard subsurface system	
Coarse Sand with an estimated wet season high water table within 48 inches of the bottom of the proposed drainfield; Gravel or Fractured Rock or Oolitic Limestone	Severely limited (Less than 1 min/inch and a water table less than 4 feet below the drainfield)	Unsatisfactory for standard subsurface system	

64E-6.009(3)(d) – For Mound Systems

Fill Material	Maximum Sewage Loading Rate to Mound Drain Trench Bottom Surface in gallons per square foot per day	Maximum Sewage Loading Rate to Mound Absorption Bed Bottom Surface in gallons per square foot per day
Sand; Coarse Sand; and Loamy Coarse Sand	0.80	0.60
Fine Sand	0.80	0.60
Sandy Loam; Coarse Sandy Loam; and Loamy Sand	0.65	0.40
Fine Sandy Loam; Very Fine Sand; Loamy Fine Sand; and Loamy Very Fine Sand	0.35	0.25

(e) Where moderately limited soils underlie the mound within 36 inches of the bottom of the drainfield, drainfield sizing shall be based on the most restrictive soil texture existing in the profile to a depth of 36 inches below the bottom of the drainfield, using Table III for soil loading rates.

MEMORANDUM

DCEH 13-010

DATE: September 30, 2013

TO: County Health Department Directors/Administrators
ATTN: Environmental Health and Engineering Directors

THROUGH: C. Meade Grigg BPatti for MGrigg
Deputy Secretary for Statewide Services

Anna M. Likos, MD, MPH Anna M. Likos
Division Director, Disease Control and Health Protection

FROM: Patti Anderson, MSc, P.E., Chief Patti Anderson
Bureau of Environmental Health

SUBJECT: Existing Onsite Sewage System Decision Trees - 64E-6.001(4), FAC

Enclosed for your use are decision trees for evaluating existing system applications per 64E-6.001(4), FAC, where the applicant is proposing alterations that change the conditions under which a system was permitted and approved. These decision trees incorporate 2013 statutory changes in regard to a remodeling addition or modification to a single-family home when a bedroom is not added. In these situations, no system inspection or evaluation and assessment, or modification, replacement or upgrade of the system can be required. Like-for-like replacements of mobile homes or re-building of homes after destruction where no bedrooms are being added, would fall under these same restrictions.

Please note that these decision trees in accordance with the rule presume a "prior approved system which has been placed into service and which remains in satisfactory operating condition." Repairs of existing systems are evaluated and permitted per 64E-6.015m FAC.

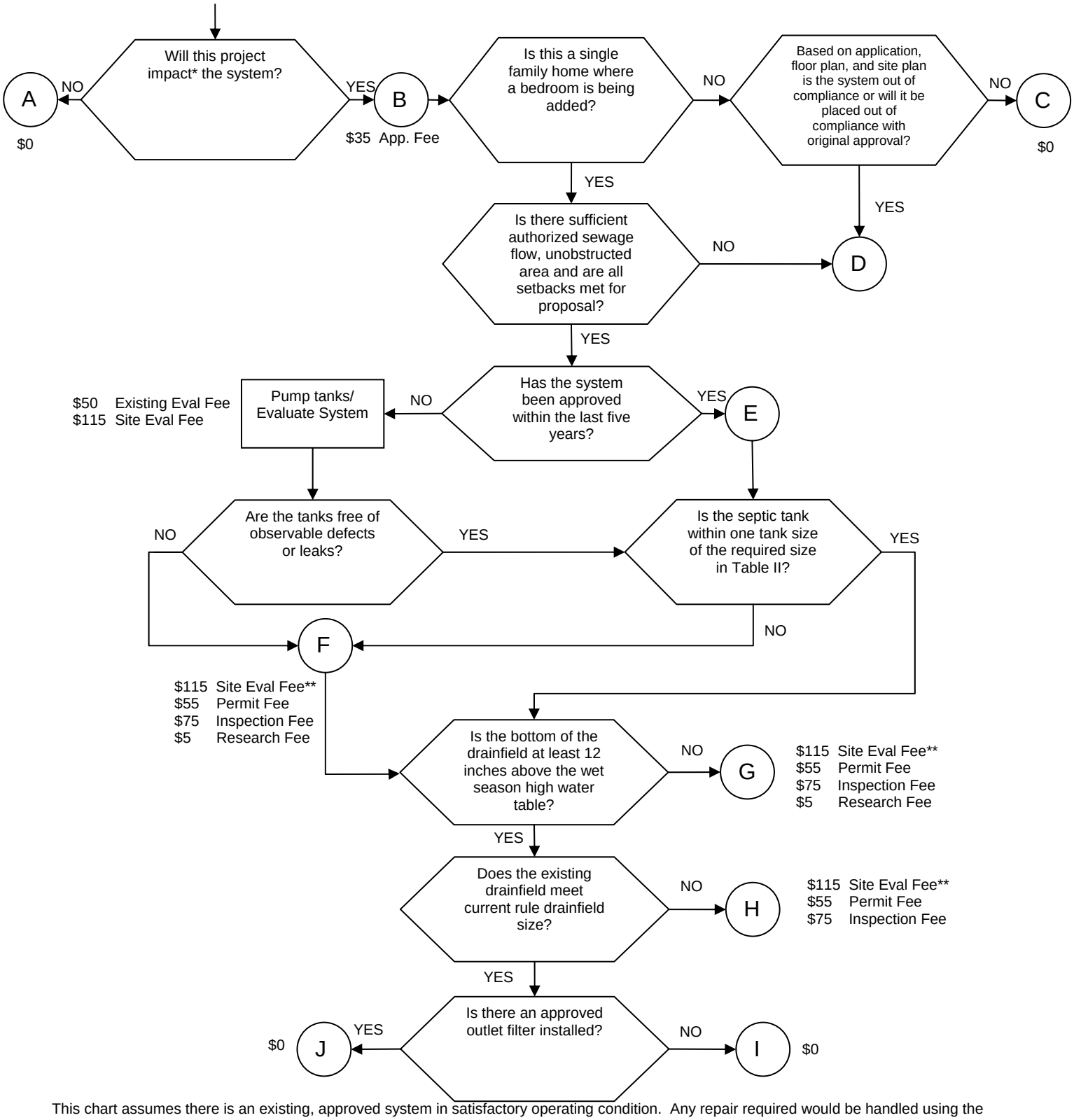
This memorandum is located on SharePoint at:

http://def.sharepoint.doh.ad.state.fl.us/DEH/Onsite/Searchable%20Program%20Memos/Forms/AllItems.aspx.

If you have any questions on this memorandum, please contact the Onsite Sewage Program office in Tallahassee or Orlando.

Enclosures

EXISTING RESIDENTIAL ESTABLISHMENT DECISION TREE (10/4/13)

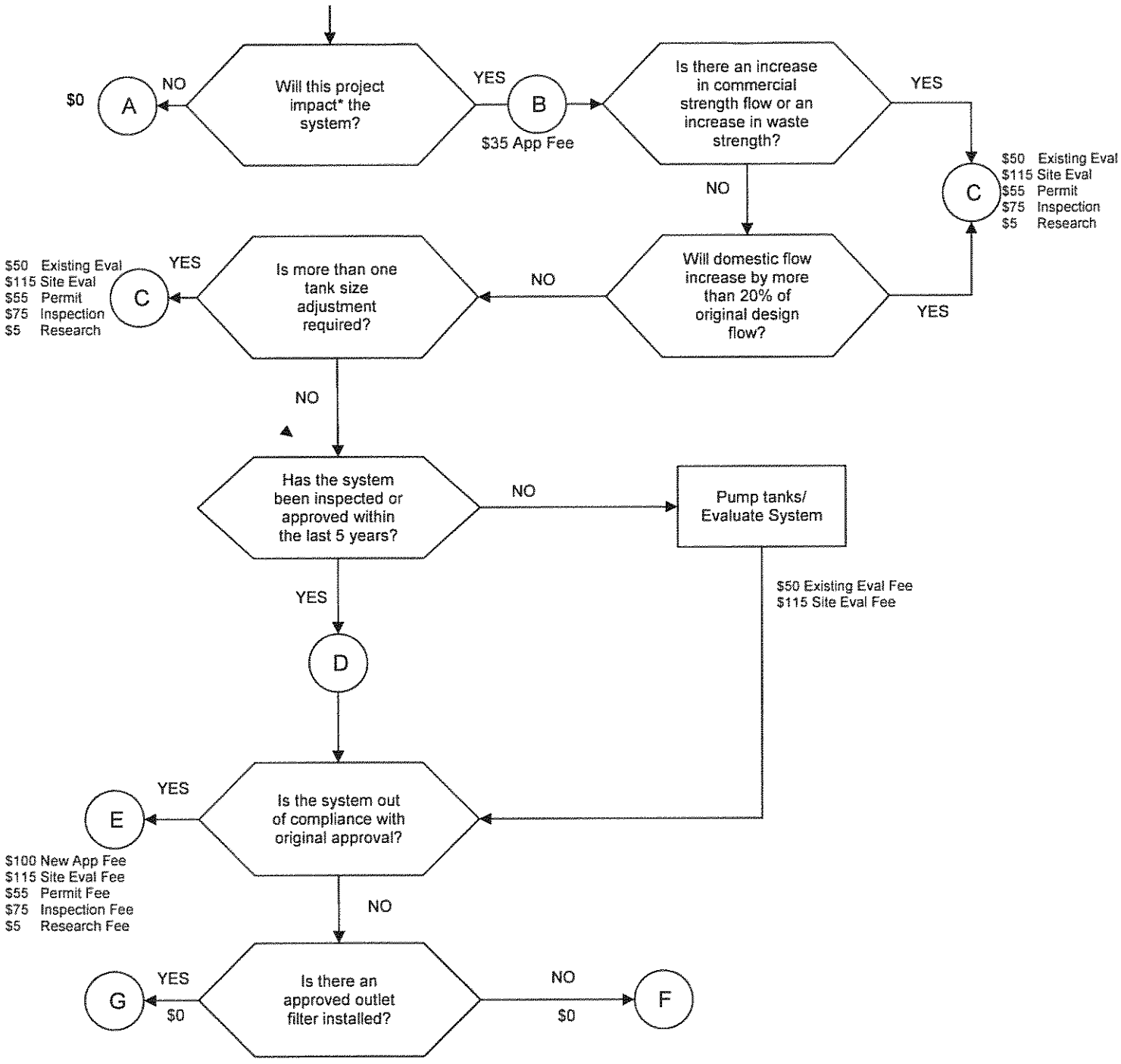


This chart assumes there is an existing, approved system in satisfactory operating condition. Any repair required would be handled using the appropriate repair process. Existing system evaluation fee and site evaluation fee are collected only when performed by the department.

A - No action required – no fee.
B - Application fee, site plan and floor plan required. [64E-6.030(1)(b)]
C - Issue no objection letter – no fee.
D - Issue denial w/variance/hearing rights, or this may be a modification or new permit depending on facts and circumstances.
E - Use most recent system approval.
F - Replace tank or supplement to meet current sizing requirements-modification permit fees. [64E-6.030(1)(e, g, h, i,)]
G - Bring drainfield into full compliance with current rule – modification permits fees. [64E-6.030(1)(e, g, h, i,)]
H - Increase drainfield to current rule requirements; maintain current separation (12" min) – modification fees. [64E-6.030(1)(e, g, h, i,)]
I - Require outlet filter installation and certification – no additional fee.
J - Issue approval – no additional fee.

* Alterations that change the conditions under which the existing system was permitted and approved.
** Fee only required if not already paid.

EXISTING NON-RESIDENTIAL ESTABLISHMENT DECISION TREE (09/18/13)



This chart assumes there is an existing, approved system in satisfactory operating condition. Any repair required would be handled using the appropriate repair process. Existing system evaluation fee and site evaluation fee are collected only when performed by the department.

A - No action required – no fee.
B - Application fee, site plan and floor plan required. [64E-6.030(1)(b)]
C - Replace tank or supplement to meet current sizing requirements, drainfield must meet new standards-modification permit fees. [64E-6.030(1)(e, g, h, i,)]
D - Use most recent system approval.
E - Issue denial w/ variance/hearing rights, or bring system into full compliance with current rule-new permit fees. [64E-6.030(1)(a,e,g,h,i)]
F - Require outlet filter installation and certification – no additional fee.
G - Issue approval – no additional fee.

*Alterations that change the conditions under which the existing system was permitted and approved.