WILLIAMSON COUNTY ENGINEER'S OFFICE INTERNAL CHECKLIST FOR OSSF PROFESSIONAL DESIGNS

DATE: _____   **OWNER:** _____   **OSSF #:** _____

LOCATION: _____

DESIGNER: _____   **SITE EVALUATOR:** _____

Commercial?: _____

Type of System: _____	Bedrooms on Permit: _____ Sq Ft: _____
Wastewater Design Flow (Gal/Day): _____	Bedrooms on Design: _____ Sq Ft: _____
Soil/Surface Application Rate: _____	Equivalent Bedrooms: _____

Which criteria must be satisfied? (circle)   **Convent'l**   **ET**   **Soil Sub**   **LPD**   **Mound**   **Drip**   **Surface**

SITE EVALUATION (Most restrictive conditions)

Class of Native Soil: _____   SLR required: _____

Restrictive layers (Rock, Clay, etc…) _____ → Depth: _____   Flood Plain addressed: _____

Evidence of Groundwater: _____ → Depth: _____   EARZ Addressed: _____

NOT APPROVED by Field Inspector: _____   **APPROVED by Field Inspector:** _____

TREATMENT PROCESS

Septic / Trash Tank (gallons): _____   Pump Tank (gallons): _____

Secondary Treatment (gal/day) _____   ATU Model/Tank specifications: _____

DISPOSAL PROCESS

Drain Field (Linear Feet): _____   Drain/Spray Field (Square Feet): _____

Depth Min/Max (inches): _____ / _____   Width Min/Max (inches): _____ / _____

Diversion Valve: _____   Pressure Valve: _____

Pressure Gauge: _____   Pressure Reducer: _____

Gravel Size & Depth: _____   Backfill Class/Height above grade: _____

Mound Distribution Area: _____   Mound Basal Area: _____

Mound / Bed / Soil Sub Constuction Notes: _____

DOSING & DISTRIBUTION

Dosing Rate (gal/minute) _____   Dosing Volume (gallons) _____

Reserve capacity in pump tank (gallons) _____   Head Pressure: _____

Check Valve: _____   Syphon Hole: _____

EQUIPMENT SPECIFICATIONS

High Water Alarm: _____   Audible: _____   Visual: _____

Pump Size (hp) / Model: _____   Pump on separate circuit from alarm? _____

Disinfection / Model: _____   Filtration / Model: _____

Vacuum Breaker specs: _____   Flush Valve specs: _____

Control Panel specs: _____   Auto Notification - dialer? _____

Auto Shutoff? _____   Auto Notification? _____

Night Spray only? _____

Spray or Drip Field Notes: _____

CONSTRUCTION PLAN (SITE PLAN/CROSS SECTIONS)

Contour lines/slope - esp. in disposal area: _____   Well locations shown: _____   Water line shown: _____

Profile Holes shown and near drain field: _____   Property lines shown: _____   Setbacks shown/stated: _____

Float settings (inches & gal) in pump tank: _____   Cross section of tanks: _____   Cross Sections Labeled: _____

Landscape/Vegetation Notes: _____

CONTRACTURAL / ADMINISTRATIVE

Signed/Sealed/Dated by designer: _____   Fees Due: _____

Affidavits: _____   Maintenance Sheet: _____

Maintenance Contract: _____   Monitoring Agreement: _____

	Trench	Length	# Holes	Trench	Length	# Holes
Supply Line Diameter (inches): _____						
Lateral Diameter (inches): _____						
Hole Size (inches): _____						
Hole Spacing: _____						
Pipe separation: _____						
Minimum Dosing Volume met: _____						

ADDITIONAL NOTES:

DESIGN APPROVED: YES   NO

_____
Inspector / Date