

18007 WHISPERING OAKS

00105238

5/24/07

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
Barcode Font = IDAutomationHC39M

SUBSURFACE WASTEWATER INSPECTION FORM 4852 A

System Manager:
TCW Wastewater Management, Inc.
P.O. Box 1830, Indian Trail, NC 28079
Tele. 704.821.8841
Fx. 704.821.8892

Date of Inspection: 11-28-2006
___ Initial ✓ 6 month ___ 12 month
___ Follow-up ___ Service call ___ Other

County	System Type	Drainfield
Mec K	PP BPS	✓ On-site ___ Off-site

Time: 11:11 Initials CL

Name and Address of Owner:
John E. Morley
18007 Whispering Oaks Dr.
Cornelius NC 28031

Location of System / Drainfield (off-site)
18007 Whispering Oaks DR
Lot # ____ Phase ____ Subdivision ____

Compliance Status: ✓ Compliant ___ Non-Compliant ___ Malfunctioning
Copies: ✓ Homeowner ✓ DEH ___ Builder ___ Owner's Association ___ Developer

✓=Satisfactory M=Marginal X=Unsatisfactory N=Not Evaluated NA=Not Applicable

Septic Tank: size: 1000 gallons

Scum Level 2" Sludge Level ___"
Scum plus Sludge level ___"
Liquid Depth ___" (> 30%)
Tank Needs Pumping: yes ___ No ___

Tank risers are accessible	✓
There are no Infiltration problems	✓
Surface water is being diverted away	✓
Tanks and accesses are structurally sound	✓
Sanitary tee is in good condition	✓
Inlet Tee is cleaned today	✓
Effluent Filter was cleaned No ___ Yes ___	✓
Effluent Filter is in good condition	✓
Effluent Filter is snapped in place	✓
Water level is at proper level	✓

Buried ___ ___" Surface ___ Subsurface ___

Bacteria:

	Added at inspection	Left with homeowner
Pulp	___ pks	___ pks
Regular	4 pks	0 pks
Bio-One	___	___

Effluent Dosing Station: size: 1000 gallons

Scum Level ___" Sludge Level 8"
Tank Needs Pumping: yes ✓ No ___

Tank Riser is at proper height	✓
No infiltration issues: Surface ___ Subsurface ___	✓
Required pumps are present & operating properly	✓
High water alarm is operating properly	✓
Floats, pipes, valves, disconnects are in good condition	✓
Pump float is not resting on top of pump	✓
Control panel enclosure/components are in good condition	✓
TCW sticker is placed on front door of Panel	✓
Duct Seal is present in all conduit openings	✓
Effluent appears clear and free of solids	✓
Telemetry / Dialer is working properly	N/A

Amp. Draw ___

Filter Cleaned today No ✓ Yes ___
Filter is in good condition ___

Elapsed Time Readings:
Pump #1- C ___ - P ___ = Usage ___
Usage ___ - days ___ = Use Per Day ___
Pump #1- CC ___

Pressure Bell settings: Off 4", On 12"-15", Tele 16", Alarm 22"

Ground Absorption Fields:

There is no evidence of effluent surfacing	✓
Vegetative cover is maintained properly	✓
Field Protected from traffic/destructive uses	✓
Surface water is being diverted away	✓
No low areas or settling occurring	✓
Line cover (soil) is adequate	✓
Repair area is properly reserved, maintained	✓

Drop boxes used in lieu of Distribution box No ___ Yes ✓
Distribution box(es) in good condition ✓
Distribution box(es) in proper adjustment ✓

Pressure Manifold System:

Manifold vault, valves, piping are in good condition	✓	Corrected Today ___
No evidence of leakage, blockage in discharge lines	✓	Corrected Today ___
The Pressure head is properly adjusted	✓	Corrected Today ___

Low Pressure Pipe System:

Turn-ups/cleanouts/valves are intact and accessible	✓	Corrected Today ___
Laterals are free of excess solids	✓	Jetting necessary ___
Laterals were flushed this inspection No ✓ Yes ___		
Zone valves are operating properly	✓	Corrected Today ___ Need replacing? yes ___ ___
Pressure head is properly adjusted	M	Corrected Today ___
Turn-up buckets are dry inside	✓	
Valve box or buckets are dry inside	✓	

Pump Tank Size (Gallons): ✓ 1000 ____ 1500	Design Pump Delivery Rate ____ GPM Design Dose ____ Gallons

Level End Dose 55 - 50 Level Begin Dose = 5 Inches X 20 GPI = Current Dose ~100 Gallons

Level (large #) 55 - 53 Level (small #) = 2 X 20 GPI = 40 + 4 Min. Run Time = 10 GPM (CPDR)

Current GPM (CPDR) ____ + ____ Design GPM (DPDR) = ____ X 100 = ____ % Efficiency

Valves	Lines	Design	Observe	Adjusted	Valves	Lines	Design	Observe	Adjusted
		N/A							

Recommendations to Owner:

NEED TO CUT BACK BUSHES
CAN'T GET TO PUMP TANK AND
CONTROL PANEL OR VALVE BOX
(Talked to owner)

We could not do the valve repair you had authorized back in April 2006. Will schedule next visit. Please advise our office when everything is trimmed back. 704-821-8841.

Thanks

Signature of "ORC" [signature]

Revised 6/8/06