DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____ APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 8-29-96
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: lot 33 phase 1B Thrift PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1		0-4	gr pbrwd	fr					PS .3
		4-16	mod Mb ra	fi sp					
		16-48	B-C Mbr rd	fr ssp					
			Commercial fill						
			23-27" band w/ fill						
2	#47 TCJ:	0-33	mod Mb ra	fr ssp					PS .3
		33-53	B clay rd/sd	fr ssp					
			saprolite						
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
OTHER(S) PRESENT: _____

SUBSURFACE WASTEWATER DISPOSAL SYSTEM
MONITORING REPORT FORM

Name and Address of System Manager

TRI-COUNTY WASTEWATER
P.O. Box 1830
Indian Trail, NC 28079
(704) 821-8841

Date of Inspection: 03/22/2005
☑ 6 Mo. ☐ Follow-up ☐ 12 Mo. ☐ Service Call

County: Iredell

System Classification & Type: PPBPS

Name and Address of Owner

Mark Missler
220 Mayfair Rd
Mooresville NC 28117

Location of System

Lot # 33 Phase 1B
Subdivision: Point

(✓=Satisfactory, M= Marginal, X=Unsatisfactory, N=Not Evalulated, NA= Not Applicable)

TANKAGE (septic tanks)

		Scum Level	Sludge Level
Tank risers accessible?	✓		
Signs of infiltration?	✓	Septic Tank	3"	____
Tanks and access structurally sound?	✓	Water Depth	____	
Sanitary tee(s) in good condition?	✓	Septic Tank Needs Pumping	NO	
Effluent filter cleaned?	✓	Bacteria Added: Pulp	3	
Effluent filter in good condition?	✓	Reg.	3	

TANKAGE (grease traps)

		Scum Level	Sludge Level
Grease trap risers accessible?			
Signs of infiltration?		Grease Trap	____	____
Grease trap and access structurally sound?		Water Depth	____	
Sanitary tee(s) in good condition?		Grease Trap Needs Pumping	____	
Effluent filter cleaned?			
Effluent filter in good condition?			

EFFLUENT DOSING STATION:

Tank Riser Height?	✓	Filter Cleaned	____
Signs of Infiltration?	✓	Filter in Good Condition	____
Required pumps present and operating properly?	✓	Elapsed Time Readings:	
High water alarm operating properly?	✓	Pump #1	112.26 (16.31)
Floats, pipes, valves, disconnects in good condition?	✓	Pump #2	____
Control panel enclosure/components in good condition?	✓	Pump #3	____
Effluent appears clear and free of solids?	✓	Pump #4	____

GROUND ABSORPTION FIELDS (general):

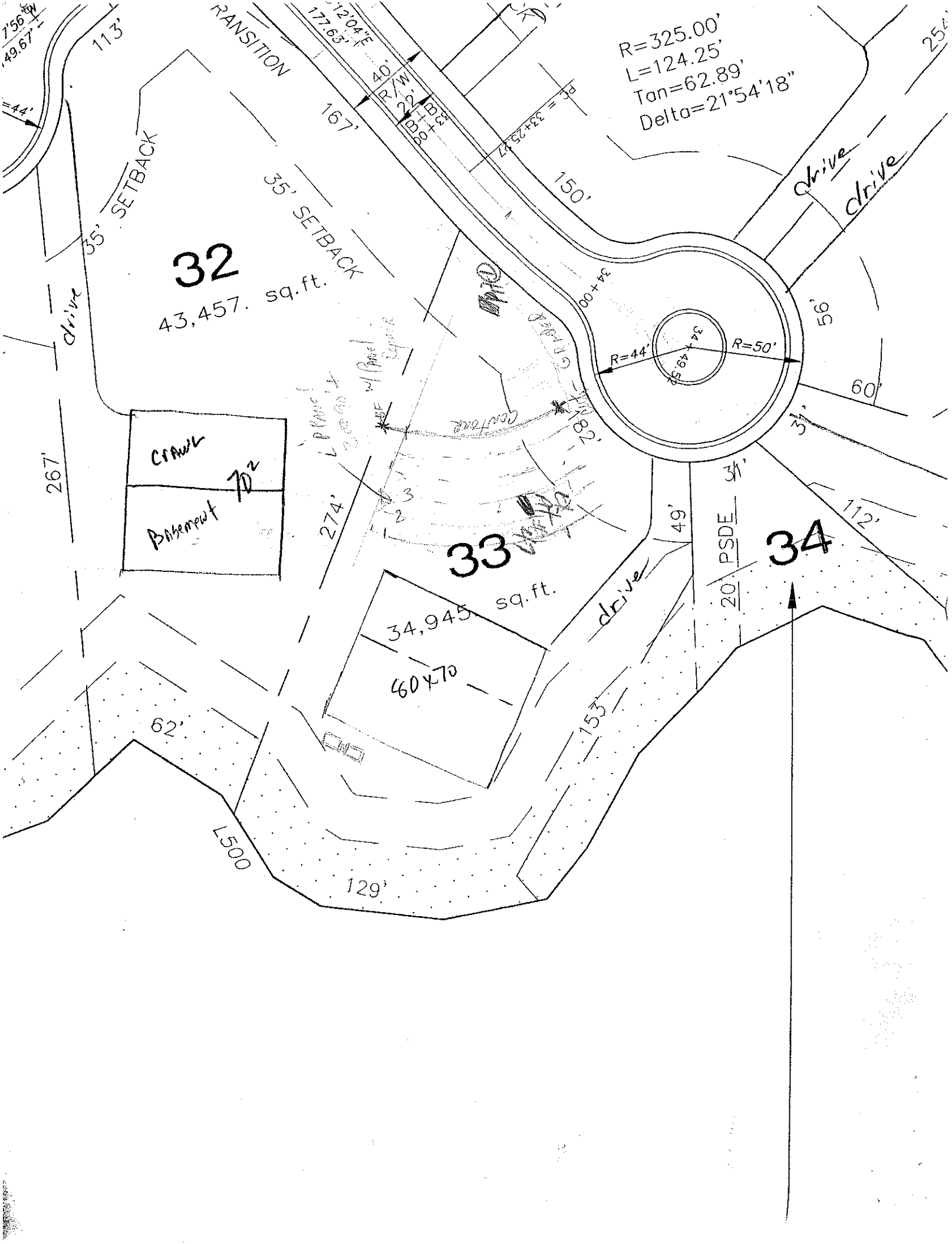
No evidence of effluent surfacing?	✓
Surface water being effectively diverted away?	✓
Line cover & vegetative cover maintained properly?	✓
Protected from traffic, destructive uses?	✓
Distribution devices in good working condition?	✓
Repair area properly reserved, maintained?	✓

PRESSURE MANIFOLD SYSTEM:

Manifold vault, valves, piping in good condition?		Corrected Today ____
Evidence of leakage, blockage in discharge lines?		Corrected Today ____
Pressure head is properly adjusted?		Corrected Today ____

LOW PRESSURE PIPE SYSTEM:

Turnups/cleanouts/valves intact and accessible?	✓	Corrected Today ____
Laterals free of excess solids?	✓	
Laterals flushed this inspection?	✓	
Pressure head is properly adjusted?	✓	Corrected Today ____


R=325.00'
L=124.25'
Tan=62.89'
Delta=21°54'18"
40' R/W
22'
113'
167'
150'
35' SETBACK
35' SETBACK
32
43,457. sq.ft.
drive
drive
drive
R=44'
R=50'
60'
56'
267'
274'
crawl
70²
Basement
33
34,945 sq.ft.
60X70
49'
31'
112'
PSDE
20'
34
62'
153'
129'
L500