DEPARTMENT OF HEALTH AND HUMAN SERVICES DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION ON-SITE WATER PROTECTION BRANCH

	Page 1 of
PROPERTY ID #:	
COUNTY:	

SOIL/SITE EV	VALUATION for ON-SITE WASTEWATER SYST	EM
OWNER: Heidelber Natzals	(Complete all fields in full)	DATE EVALUATED:
ADDRESS: 7155 NO ZIOS		
PROPOSED FACILITY: Employer 6/69 PI	ROPOSED DESIGN FLOW (.0400): 250 9PD	PROPERTY SIZE:
LOCATION OF SITE:		PROPERTY RECORDED:
WATER SUPPLY: Public Single Family Well	Shared Well Spring Other	WATER SUPPLY SETBACK:

EVAL	UATION METH	OD: Auge	r Boring Pit	Cut TY	PE OF WASTE	WATER:	Domest	ic High	Strength	IPWW
P R O F			SOIL MORPHOLOGY		OTHER PROFILE FACT			ORS		
L E #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRE CTION
1	2-52	0-8 8-40 40-48	F, SL SCI	Fr/nsplaxe Fr/ssplsxe	104R6/2 =40"	>48"	_	_	5	
	234				1	o linus	1	"0-	(ess	
2	25%	0-8 8-40 40-48	4711 54 501	Folisplane Folssplane	104e6/2 >40"	>48	_	_ 0	5	
					Keep (i)	00	26" 00	esi		
3	2-52	8-26	LS Sc1	Filssplaxe	> 12"	>36"	_		5	
	2 7 4		e.			Woo	ld rigo	ارد هـ ۱	would h	er s
1										
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)		_
System Type(s)		
Site LTAR	. 6	. 6
Maximum Trench Depth	26	26

	SITE CLASSIFICATION (.0509):	
1	EVALUATED BY: MARCHS	
1	OTHER(S) PRESENT:	
ł		

Comments:

LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)		S (Sand)		0.6 - 0.8		MOIST	WET	SG (Single grain)
CV (Convex Slope)	'	LS (Loamy sand)	0.8 - 1.2	0.5 -0.7	0.4 -0.6	Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)		SL (Sandy loam)	0.6 - 0.8	0.4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)		0.2 - 0.4	0.5	FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)		SiL (Silt loam)		0.1 - 0.3		FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay Ioam)		0.05 - 0.15**	0.15 - 0.3	VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)	III	CL (Clay loam)	0.3 - 0.6			EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)		None		ı	VP (Very plastic)	
S (Shoulder slope)		SC (Sandy clay)				SEXP (Slightly expansive)		
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4	*	0.05 - 0.2	EXP (Exp	ansive)	
TS (Toe Slope)	1	C (Clay)						-
		O (Organic)	None					

^{*} Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

**HORIZON DEPTH

DEPTH OF FILE

OF In inches below natural soil surface

DEPTH OF FILL

RESTRICTIVE HORIZON SAPROLITE

SOIL WETNESS

In inches from land surface Thickness and depth from land surface

S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.

Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation

