



PARR ENGINEERING & CONSULTING, INC.

Christopher L. Parr, P.E. Principal
 11590 Black Forest Road, Suite 10, Colorado Springs, CO 80908
 Office: 719-494-0404 Cell: 719-659-1313

STA SOIL EVALUATION

Date: September 27, 2018 **Job:** JN: 18.394

Site Location: 3050 Curtis Road, Lot 1
 Peyton, CO 80831



Purpose of Investigation: To determine general subsurface soil conditions at the site location & to formulate design criteria for the proposed On-Site Wastewater Treatment system (OWTS)

Field Procedure: The materials in the various strata of the soil profile pit were visually classified in accordance with the U.S. Department of Agriculture (USDA) standards.

Profile Pit	YES
Perc Test	-

Profile Pit 1	
Latitude:	38°52'31.31"N
Longitude:	104°33'28.35"W
Layer	Soil Type & LTAR
0 - 1'-0"	Topsoil
1'-0" - 5'-0"	Type 3 (LTAR=0.35)
5'-0" - 8'-0"	Type 2 (LTAR=0.60)
-	-

Date: (Profile Eval) September 18, 2018
Excavator Homeowner
Evaluator R.J & S.D.

Profile Pit 2	
Latitude:	38°52'30.60"N
Longitude:	104°33'27.64"W
Layer	Soil Type & LTAR
0 - 1'-0"	Topsoil
1'-0" - 8'-6"	Type 3 (LTAR=0.35)
-	-
-	-

Depth to Groundwater (permanent or seasonal) Pit #1: Not Reached
Depth to Groundwater (permanent or seasonal) Pit #2: Not Reached

Depth to Bedrock - Pit #1: Not Reached
Depth to Bedrock - Pit #2: Not Reached

Other Terrain Features or Soil Conditions: See Attached Site Map

Endorsement: Jared R. Dumke, P.E.

Location	
Latitude:	Longitude:
-	-
-	-
-	-

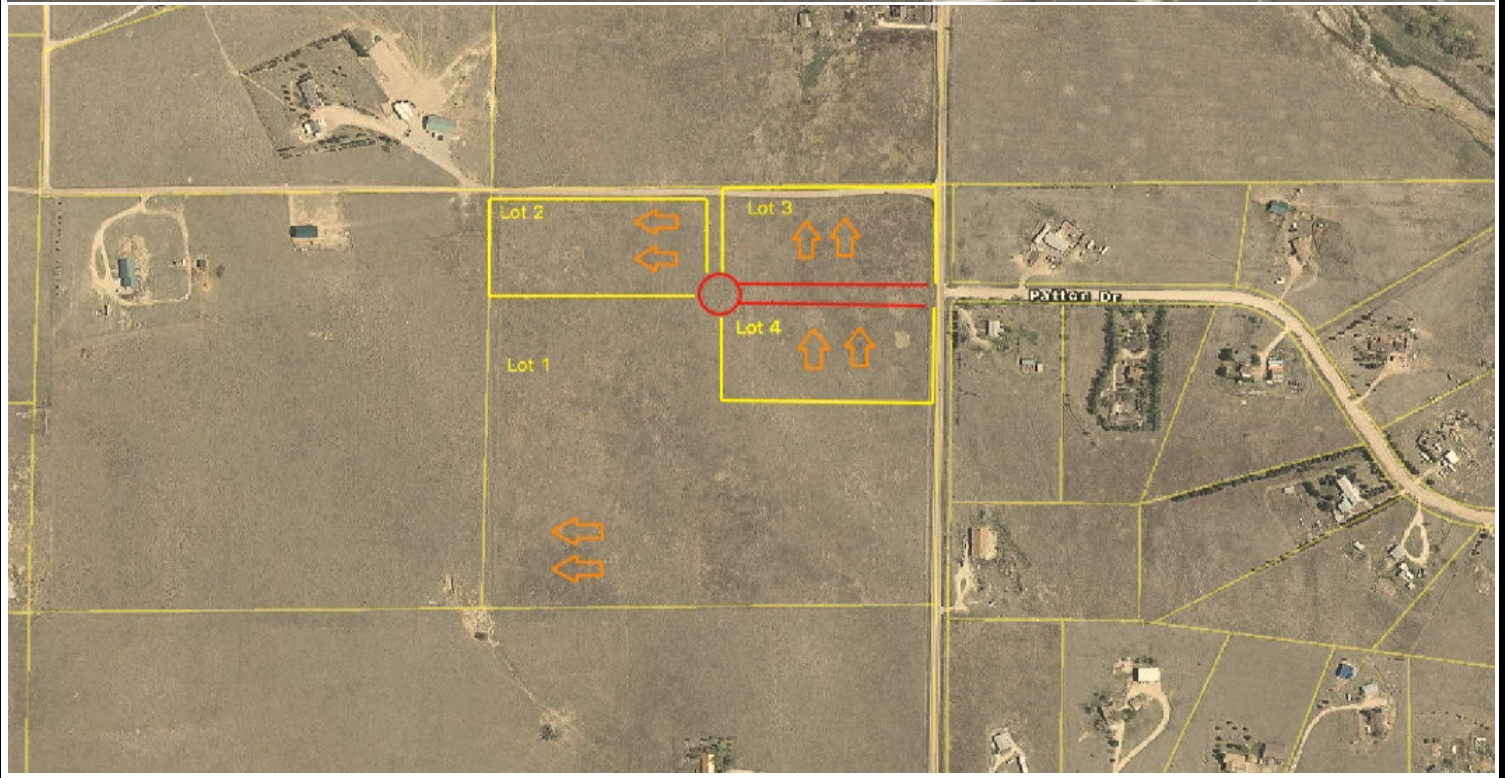
Perc #1	N/A	Min./In.
Perc #2	N/A	Min./In.
Perc #3	N/A	Min./In.
Average:	N/A	Min./In.

Recommendations: (1) A conventional, non-engineered On-Site Wastewater Treatment system (OWTS) is acceptable for this site.

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Google Site Map





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Profile Pit - Log

Job Number:	18.394
Date Evaluated:	09/18/18
Profile Pit#:	Pit #1

Excavator:	Homeowner	Total Depth:	8'-0"
Logged By:	R.J. & S.D.	STA Slope & Direction:	S @ 3%
Method:	Profile Pit	Latitude:	38°52'31.31"N
Equipment:	Excavator	Longitude:	104°33'28.35"W

Depth (ft.)	Sample Interval	3050 Curtis Road, Lot 1, 80831						
		USDA Soil Texture	USDA Soil Structure - Shape	Soil Structure Grade	Redoximorphic Features Present? (Y/N)	Soil Type (from Table 9 in O-14)	% Rock Frag.	Color
		Topsoil						
2		Sandy Clay Loam	Granular	Strong	No	Type 3 (LTAR = 0.35) Treatment Level 1	<35%	10YR 3/2 (Moist)
4								
6		Sandy Loam	Granular	Moderate	No	Type 2 (LTAR = 0.60) Treatment Level 1	<35%	10YR 5/3 (Moist)
8								
		Total Depth= 8'-0"						
10								

Evidence of Groundwater:	Not Reached
Depth to Bedrock:	Not Reached

Additional Notes:



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Profile Pit - Log

Job Number:	18.394
Date Evaluated:	09/18/18
Profile Pit#:	Pit #2

Excavator:	Homeowner	Total Depth:	8'-6"
Logged By:	R.J. & S.D.	STA Slope & Direction:	S @ 3%
Method:	Profile Pit	Latitude:	38°52'30.60"N
Equipment:	Excavator	Longitude:	104°33'27.64"W

Depth (ft.)	Sample Interval	3050 Curtis Road, Lot 1, 80831					
		USDA Soil Texture	USDA Soil Structure - Shape	Soil Structure Grade	Redoximorphic Features Present? (Y/N)	Soil Type (from Table 9 in O-14)	% Rock Frag.

		Topsoil						
2		Sandy Clay Loam	Granular	Strong	No	Type 3 (LTAR = 0.35) Treatment Level 1	<35%	10YR 3/2 (Moist)
4								
6								
8								
		Total Depth= 8'-6"						
10								

Evidence of Groundwater:	Not Reached
Depth to Bedrock:	Not Reached

Additional Notes: