Well Location Sketch:

Compliance - Engineering - Remediation
LT Environmental, Inc.
4600 W. 60th Avenue

BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: MW44R	Project: MJ Farms
Date: 9-25-19	Project Number: FMG10607
Logged By: D. Steinbach	Drilled By: LTE ~~Drill Pro~~
Elevation: N/A	Detector: MinirRAE 3000
Drilling Method: Hand auger ~~Direct Push/Geoprobe~~	Sampling Method: Continuous
Gravel Pack: Washed silica sand	Seal: Bentonite
Grout: N/A	
Casing Type: PVC	Diameter: 1" Length: 5'
Hole Diameter: ~~2.25"~~ 4"	Depth to Liquid: -
Screen Type: PVC	Slot: 0.01
Diameter: 1" Length: 10'	Total Depth: 15'
Depth to Water: ~13'	

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion Diagram
					0					
	moist	0.0	NO		2			ML	0-4' silt w/ trc Fg sands, moist, non-cohesive, no stain/odor	
		0.0			4			SW	4-15' Fg-Cg sands w/ trc small gravel, moist, wet 13-15'	
					6					
					8				Collapsing sands, refusal @ 15', set as temp pvc stick-up	
		0.0			10					
	wet	0.1			12					
					14					
					16					
					18					

NOTES:

Well Location Sketch:

Redrill

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BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: MW45R	Project: HSR-MJ Farms 11,12,13,14-7
Date: 2-27-19	Project Number: KMG10607
Logged By: David Stainback	Drilled By: Dakota
Elevation: N/A; Detector: PID	Drilling Method: Hollow-Stem Auger; Sampling Method: ~~Split spoon~~ N/A
Gravel Pack: Silica Sand	Seal: Bentonite Crumbles; Grout:
Casing Type: PVC; Diameter: 1"; Length: 10'	Hole Diameter: 4.75"; Depth to Liquid:
Screen Type: PVC; Slot: .010; Diameter: 1"; Length: 10'	Total Depth: 20'; Depth to Water: N/A

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion Diagram
					0					
					2					
					4					
					6				Hand Augered/not Logged	
					8				Redrill, not logged	
					10					
					12					
					14					
					16					
					18				TD @ 20' bgs, set w/ FM cover & high vis flag	
					20					
					22					
					24					
					26					
					28					
					30					
					32					
					34					
					36					
					38					
					40					

NOTES:

Well Location Sketch:

Redrill

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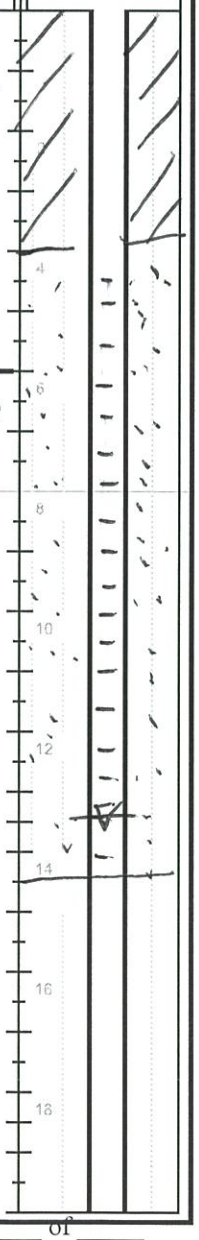
BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: MW48R	Project: MJ Farms
Date: 9-24-19	Project Number: KMG10607
Logged By: David Stainback	Drilled By: LTE
Elevation: N/A; Detector: MinirRAE 3000	Drilling Method: Hand Auger; Sampling Method: Continuous
Gravel Pack: Washed silica sand	Seal: Bentonite; Grout: N/A
Casing Type: PVC; Diameter: 1"; Length: 5'	Hole Diameter: 4"; Depth to Liquid: -
Screen Type: PVC; Slot: 0.01; Diameter: 1"; Length: 10'	Total Depth: 14.5'; Depth to Water: ~13.5'

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks
					0				
	moist	0.0	NO		2			ML	0-3' silt w/ tr c Fg sands, moist, no stain/odor
		0.0			4			SW	4-5' Fg-Cg sands w/ alluvial gravels, hole collapsing, moist, no stain/odor
					6				5-14' Fg-Cg sands w/ tr c alluvial gravels, moist, no stain/odor, wet @ 13.5'
		0.0			8				Refusal @ 14', push point to 14.5'
					10				— Set as temp PVC stick-up
		0.0			12				
	wet	0.0			14				
					16				
					18				

Well Completion Diagram



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