The Cahoy Group

CAHOY PUMP SERVICE

SUMNER, IA	MARNE, IA	CPS-Ill North	Cahoy Illinois South
Corporate Office	712-781-2030	Durand, Illinois	Lincoln, Illinois
563-578-1130			

WELL TEST DATA SHEET

CLIENT: Amana Service Society

WELL: Middle Amana #15

DATE: 7/12 & 7/13/2018

TESTED BY: Lloyd and Antonio

PUMP MODEL: Goulds 75GS100

AIRLINE LENGTH: Probe

DIAMETER: 10"

ORIFICE SIZE: 2x4

DEPTH OF WELL: 31' 5"

MOTOR: Centripro 10hp

Production well SWL: 11.5'

GENERATOR USED: No Yes-GN1

BEGIN HOURS: 2927 END HOURS: 2951

STEP-RATE TEST CONSTANT RATE TEST

PRE-TREATMENT POST –TREATMENT

MEASUREMENT TAKEN FROM THE TOP OF THE WELL CASING WHICH IS 4 FEET FROM EXISTING GROUND/FLOOR LEVEL. Length of discharge line: 200'

TIME	Piezometer READING (ft.)	GPM	Pumping Level (ft.)	Draw Down (ft.)	Discharge PSI FEET	Spec Cap	~~Sand~~ PPM
12:10pm	25	75.5	22.90	11.40	X	6.62	
	25	75.5	22.90	11.40	X	6.62	
12:11	25	75.5	22.90	11.40	X	6.62	
	25	75.5	22.90	11.40	X	6.56	
12:12	25	75.5	23.00	11.50	X	6.56	
	25	75.5	23.00	11.50	X	6.56	
12:13	25	75.5	23.00	11.50	X	6.56	
	25	75.5	23.00	11.50	X	6.56	
12:14	25	75.5	23.00	11.50	X	6.56	
	25	75.5	23.00	11.50	X	6.56	
12:15	25	75.5	23.00	11.50	X	6.56	
12:16	25	75.5	23.00	11.50	X	6.56	
12:17	25	75.5	23.00	11.50	X	6.56	
12:18	25	75.5	23.00	11.50	X	6.56	
12:19	25	75.5	23.00	11.50	X	6.56	
12:20	25	75.5	23.00	11.50	X	6.56	
12:21	25	75.5	23.00	11.50	X	6.56	
12:22	25	75.5	23.00	11.50	X	6.56	
12:23	25	75.5	23.00	11.50	X	6.56	
12:24	25	75.5	23.00	11.50	X	6.56	
12:25	25	75.5	23.00	11.50	X	6.56	
12:26	25	75.5	23.00	11.50	X	6.56	
12:27	25	75.5	23.00	11.50	X	6.56	
12:28	25	75.5	23.00	11.50	X	6.56	
12:29	25	75.5	23.00	11.50	X	6.56	
12:30	25	75.5	23.00	11.50	X	6.56	
12:35	25	75.5	23.00	11.50	X	6.56	
12:40	25	75.5	23.00	11.50	X	6.56	
12:45	25	75.5	23.00	11.50	X	6.56	
12:50	25	75.5	23.00	11.50	X	6.56	
12:55	25	75.5	23.00	11.50	X	6.56	
1:00	25	75.5	23.00	11.50	X	6.56	
1:05	25	75.5	23.00	11.50	X	6.56	
1:10	25	75.5	23.00	11.50	X	6.56	
1:20	25	75.5	23.00	11.50	X	6.56	
1:30	25	75.5	23.00	11.50	X	6.56	

TIME	Piezometer READING (ft.)	GPM	Pumping Level (ft.)	Draw Down (ft.)	Discharge PSI FEET	Spec Cap	Sand PPM
1:40	25	75.5	22.90	11.40	X	6.62	
1:50	25	75.5	22.90	11.40	X	6.62	
2:00	25	75.5	22.90	11.40	X	6.62	
2:10	25	75.5	22.90	11.40	X	6.56	
2:40	25	75.5	23.00	11.50	X	6.56	
3:10	25	75.5	23.00	11.50	X	6.56	
3:40	25	75.5	22.90	11.40	X	6.62	
4:10	25	75.5	22.90	11.40	X	6.62	
5:10	25	75.5	22.90	11.40	X	6.62	
6:10	25	75.5	22.90	11.40	X	6.62	
7:10	25	75.5	22.90	11.40	X	6.62	
8:10	25	75.5	22.90	11.40	X	6.62	
9:10	25	75.5	22.90	11.40	X	6.62	
10:10	25	75.5	22.80	11.30	X	6.68	
11:10	25	75.5	22.80	11.30	X	6.68	
12:10am	25	75.5	22.75	11.25	X	6.71	
1:10	25	75.5	22.75	11.25	X	6.71	
2:10	25	75.5	22.70	11.20	X	6.74	
3:10	25	75.5	22.70	11.20	X	6.74	
4:10	25	75.5	22.65	11.15	X	6.77	
5:10	25	75.5	22.65	11.15	X	6.77	
6:10	25	75.5	22.65	11.15	X	6.77	
7:10	25	75.5	22.60	11.10	X	6.80	
8:10	25	75.5	22.60	11.10	X	6.80	
9:10	25	75.5	22.60	11.10	X	6.80	
10:10	25	75.5	22.60	11.10	X	6.80	
11:10	25	75.5	22.60	11.10	X	6.80	
12:10	25	75.5	22.60	11.10	X	6.80	End of 24-hr test
			Recovery				
12:11			12.00		X		
			12.00		X		
12:12			12.00		X		
			11.90		X		
12:13			11.90		X		
			11.80		X		

TIME	Piezometer READING (ft.)	GPM	Pumping Level (ft.)	Draw Down (ft.)	Discharge PSI FEET	Spec Cap	Sand PPM
12:14			11.80				
			11.80				
12:15			11.80				
12:16			11.70				
12:17			11.70				
12:18			11.70				
12:19			11.60				
12:20			11.60				
12:21			11.60				
12:22			11.60				
12:23			11.60				
12:24			11.60				
12:25			11.60				
12:26			11.60				
12:27			11.60				
12:28			11.60				
12:29			11.60				
12:30			11.60				
12:35			11.60				
12:40			11.60				
12:45			11.60				
12:50			11.60				
12:55			11.50				
		Well fully recovered					

Form revision Date: 07/11/2018