

YIELD AND DRAWDOWN TEST REPORT

AAFB MW-9A

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Date: 3/26/2010

TIME (actual)	Time Since Pumping Start/Stop (min)	Water Level Reading (ft)	Drawdown/ Recovery (ft)	Pumping Rate (gpm)	Conducti- vity (μ S)	Chloride (mg/l)	Remarks
4-hr. Step-Drawdown Test							
9:00AM	0	351.44			569	52.2	Sample # 1
	1	351.48	0.04				Adjust gate valve to
	2	351.48	0.04				300 GPM
	3	351.47	0.03	300			
	4	351.47	0.03	300			
	5	351.47	0.03	300			
	6	351.47	0.03	300			
	7	351.47	0.03	300			
	8	351.47	0.03	300			
	9	351.47	0.03	300			
	10	351.47	0.03	300			
	15	351.47	0.03	300			
	20	351.47	0.03	300			
	25	351.47	0.03	300			
	30	351.46	0.02	300			
	35	351.46	0.02	300			
	40	351.45	0.01	300			
	45	351.45	0.01	300			
	50	351.45	0.01	300			
	55	351.45	0.01	300			
	1 HR	351.45	0.01	300	571	51.8	Sample # 2
	1	351.46	0.02	350			Adjust gate valve to
	2	351.46	0.02	350			350 GPM
	3	351.46	0.02	350			
	4	351.46	0.02	350			
	5	351.46	0.02	350			
	6	351.46	0.02	350			
	7	351.46	0.02	350			
	8	351.46	0.02	350			
	9	351.46	0.02	350			
	10	351.46	0.02	350			
	15	351.46	0.02	350			
	20	351.46	0.02	350			
	25	351.46	0.02	350			
	30	351.46	0.02	350			
	35	351.46	0.02	350			
	40	351.46	0.02	350			
	45	351.46	0.02	350			
	50	351.46	0.02	350			
	55	351.46	0.02	350			
	2 HR	351.46	0.02	350	575	52.9	Sample # 3
	1	351.46	0.02	400			Adjust gate valve to
	2	351.46	0.02	400			400 GPM

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RECOVERY							
1:00PM	0						
	1		351.44				
	2		351.43				
	3		351.42				
	4		351.42				
	5		351.41				
	6		351.41				
	7		351.41				
	8		351.41				
	9		351.41				
	10		351.41				
	15		351.41				
	20		351.41				
	25		351.41				
1:00PM	30		351.41				
	35						
	40						
	45						
	50						
	55						
	60						
Start 24-hr. Pump Test							
1:30PM	0				591	58.8	Sample # 5
	1	351.46	0.02	450			
	2	351.46	0.02	450			
	3	351.46	0.02	450			
	4	351.46	0.02	450			
	5	351.46	0.02	450			
	6	351.46	0.02	450			
	7	351.46	0.02	450			
	8	351.46	0.02	450			
	9	351.46	0.02	450			
	10	351.46	0.02	450			
	15	351.46	0.02	450			
	20	351.46	0.02	450			
	25	351.46	0.02	450			
	30	351.46	0.02	450			
	35	351.46	0.02	450			
	40	351.46	0.02	450			
	45	351.46	0.02	450			

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File:

TIME (actual)	Time Since Pumping Start/Stop (min)	Water Level Reading (ft)	Drawdown/ Recovery (ft)	Pumping Rate (gpm)	Conducti- vity (μ S)	Chloride (mg/l)	Remarks
	50	351.46	0.02	450			
	55	351.46	0.02	450			
2:30PM	60	351.46	0.02	450	594	56.6	Sample # 6
	90	351.46	0.02	450			
3:30PM	120	351.46	0.02	450	596	59.2	Sample # 7
	150	351.46	0.02	450			
4:30PM	180	351.46	0.02	450	594	57.9	Sample # 8
	210	351.46	0.02	450			
5:30PM	240	351.45	0.01	450	597	57.3	Sample # 9
	270	351.45	0.01	450			
6:30PM	300	351.45	0.01	450	595	58.2	Sample # 10
	330	351.45	0.01	450			
7:30PM	360	351.45	0.01	450	592	59.7	Sample # 11
	390	351.44	0.00	450			
8:30PM	420	351.44	0.00	450	592	58.8	Sample # 12
	450	351.44	0.00	450			
9:30PM	480	351.44	0.00	450	604	58.7	Sample # 13
	510	351.45	0.01	450			
10:30PM	540	351.45	0.01	450	604	59.5	Sample # 14
	570	351.45	0.01	450			
11:30PM	600	351.45	0.01	450	599	58.5	Sample # 15
	630	351.45	0.01	450			
12:30AM	660	351.45	0.01	450	599	57.9	Sample # 16
	690	351.45	0.01	450			
1:30AM	720	351.45	0.01	450	595	56.9	Sample # 17
	750	351.45	0.01	450			
2:30AM	780	351.46	0.02	450			
	810	351.48	0.04	450			
3:30AM	840	351.48	0.04	450	591	56.1	Sample # 18
	870	351.48	0.04	450			
4:30AM	900	351.48	0.04	450			
	930	351.51	0.07	450			
5:30AM	960	351.51	0.07	450	594	55.6	Sample # 19
	990	351.51	0.07	450			
6:30AM	1020	351.51	0.07	450			
	1050	351.51	0.07	450			
7:30AM	1080	351.50	0.06	450	602	54.2	Sample # 20
	1110	351.50	0.06	450			
8:30AM	1140	351.50	0.06	450			
	1170	351.50	0.06	450			
9:30AM	1200	351.49	0.05	450	587	55.7	Sample # 21
	1230	351.51	0.07	450			
10:30AM	1260	351.51	0.07	450			
	1290	351.50	0.06	450			



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Water and Environmental Research Institute
of the Western Pacific

March 31, 2010

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Twenty-three samples were delivered to the WERI lab on 29 Mar 2010.

Samples were from AAFB MW-9A, Andersen South, Yigo.

Comments: 24 hr. pump test.

Sample	Date	Time	Chloride	Conductivity
Location ID	Collected	Collected	mg/L	µS
Sample #1	3/26/2010	9:00 AM	52.2	569
Sample #2	3/26/2010	10:00 AM	51.8	571
Sample #3	3/26/2010	11:00 AM	52.9	575
Sample #4	3/26/2010	12:00 PM	55.1	580
Sample #5	3/26/2010	1:30 PM	58.8	591
Sample #6	3/26/2010	2:30 PM	56.6	594
Sample #7	3/26/2010	3:30 PM	59.2	596
Sample #8	3/26/2010	4:30 PM	57.9	594
Sample #9	3/26/2010	5:30 PM	57.3	597
Sample #10	3/26/2010	6:30 PM	58.2	595
Sample #11	3/26/2010	7:30 PM	59.7	592
Sample #12	3/26/2010	8:30 PM	58.8	592



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Sample Location ID	Date Collected	Time Collected	Chloride mg/L	Conductivity µS
Sample #13	3/26/2010	9:30 PM	58.7	604
Sample #14	3/26/2010	10:30 PM	59.5	604
Sample #15	3/26/2010	11:30 PM	58.5	599
Sample #16	3/27/2010	12:30 AM	57.9	599
Sample #17	3/27/2010	1:30 AM	56.9	595
Sample #18	3/27/2010	3:30 AM	56.1	591
Sample #19	3/27/2010	5:30 AM	55.6	594
Sample #20	3/27/2010	7:30 AM	54.2	602
Sample #21	3/27/2010	9:30 AM	55.7	587
Sample #22	3/27/2010	11:30 AM	53.8	585
Sample #23	3/27/2010	1:30 PM	55.6	580

Sincerely,

Jennifer O. Cruz