

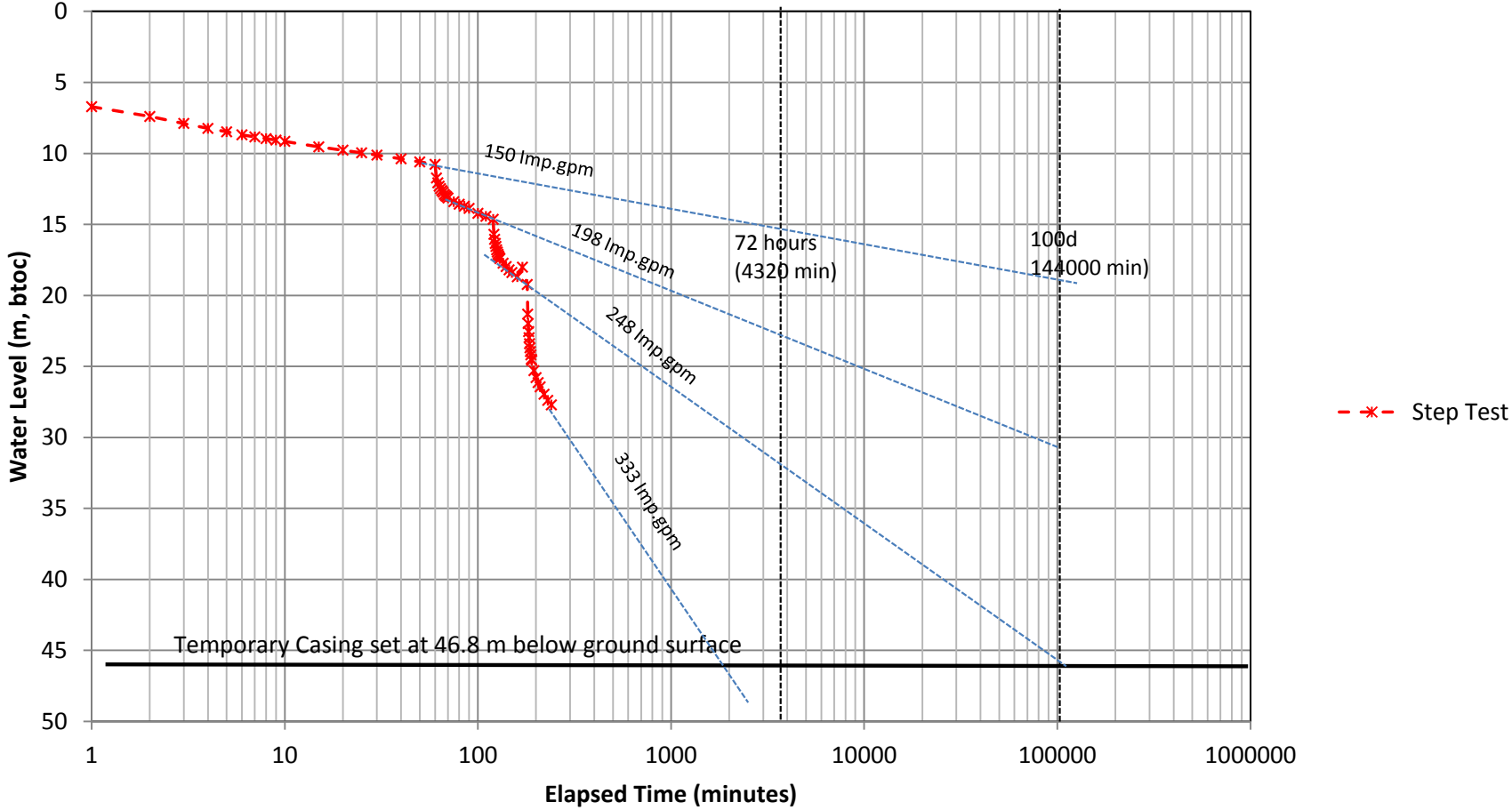
Appendix C – Results of Step Drawdown Testing



Memramcook Step Test on ME12-01 (TH10-01)							
Step #	Flow Rate Usgpm	Flow Rate lgpm		Time (minutes)		Specific Capacity lgpm/m	lgpm/ft
1	180	150		0	4.45		
				1	6.71		
				2	7.4		
				3	7.89		
				4	8.24		
				5	8.48		
				6	8.69		
				7	8.84		
				8	8.96		
				9	9.06		
				10	9.15		
				15	9.54		
				20	9.77		
				25	9.96		
				30	10.12		
2	238	198		60	10.77	23.71	7.23
				61	11.73		
				62	12.07		
				63	12.31		
				64	12.48		
				65	12.62		
				66	12.73		
				67	12.89		
				68	12.98		
				69	13.05		
				70	13.14		
				75	13.4		
				80	13.58		
				85	13.72		
				90	13.87		
3	298	248		100	14.22	19.45	5.93
				110	14.43		
				120	14.64		
				121	15.7		
				122	16.05		
				123	16.34		
				124	16.55		
				125	16.79		
				126	16.95		
				127	17.1		
				128	17.21		

			9	129	17.32		
			10	130	17.41		
			15	135	17.73		
			20	140	17.97		
			25	145	18.2		
			30	150	18.39		
			40	160	18.69		
			50	170	18.01		
			60	180	19.23	16.79	5.12
4	400	333	1	181	21.32		
			2	182	21.98		
			3	183	22.55		
			4	184	22.98		
			5	185	23.4		
			6	186	23.69		
			7	187	23.95		
			8	188	24.19		
			9	189	24.49		
			10	190	24.58		
			15	195	25.3		
			20	200	25.79		
			25	205	26.14		
			30	210	26.44		
			40	220	26.96		
			50	230	27.39		
			60	240	27.71	14.32	4.36
Tried to increase rate but pump at max.							

Memramcook Pump Test - August 2012



Specific Capacity (lgpm/m) from one hour steps					
and with projection to 100 days.					
Q (lgpm)	S.C. (1 hour) (lgpm/m)	Projected to 100 days			
		(m3/day per m) Drdn.	S.C. - 100d (lgpm/m)	(m3/day per m)	
150	23.71	155	18.5	10.68	70
198	19.45	127	31	7.46	49
248	16.79	110	46	5.97	39
333	14.32	94	83	4.24	28

