

APPENDIX B

DATA QUALITY FORM

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CONTINUOUS MONITORING OF WATER QUALITY PARAMETERS

The accuracy of measurements will be checked by performing biweekly performance testing of test standards. A standard is a known concentration of a specific solution. Standards will be purchased from chemical or scientific supply companies. Standards may also be prepared by a commercial or research laboratory. The concentration of the standards, known to the Task Manager, will be unknown to sampling personnel until after measurements are determined. Calibration logs and results will be maintained by the QA Officer.

Date:

Sampler:

Last Calibration Date:

PARAMETER	STANDARD #1	STANDARD #2	
pH			
Conductivity			
Dissolved Oxygen			
Temperature			
Turbidity			
Level			
FOR QA OFFICER ONLY			
	TRUE VALUE/PERCENT DIFFERENCE #1	TRUE VALUE/PERCENT DIFFERENCE #2	MEAN PERCENT DIFFERENCE
pH			
Conductivity			
Dissolved Oxygen			
Temperature			
Turbidity			
Level			

Acceptance Limit = [(Value from Quanta – Value from Sonde)/ Value from Quanta] x 100; note: value may be negative number.