

Entered
3-6-09
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HEET ^{LI} RQ-2000-02-09-13

Water Quality Measurements

Sample Preservation

COMMENTS:

QA/QC TAKEN? Yes

Samplers Signatures (all team members present):

Fern Hammock
#11456
2/4/09

Place	Barcode	Label	Here
	15:45		SPRG0901

STATION ID: 11456DATE: 2/4/09TIME (EST): 15:45

CHEMICAL STABILITY MONITORING

#	TIME (00:00)	pH (s.u.)	TEMP. (°C)	SP. COND (uS/cm)	DO (mg/L)	% SAT DO (%)	COMMENTS
1	15:31	8.25	18.77	108	6.60	70.9	Begin purging @ 15:25
2	15:33	8.26	19.32	108	6.54	70.9	
3	15:35	8.25	19.05	107	6.57	70.9	
4	15:37	8.24	18.80	107	6.63	71.1	
5	15:39	8.25	18.80	108	6.57	70.6	
6	15:41	8.28	18.84	108	6.51	69.9	
7	15:43	8.26	18.81	108	6.51	69.9	
8	15:45	8.25	18.91	108	6.50	70.0	
9							
10							
11							
12							
13							
14							
15							

Meter Id: QD02228 - Q102027Field Measurements Analyzed By: ZH (initials)Field Measurements Recorded By: JH (initials)

The final three measurements will be evaluated for each of the field parameters listed above (only the values in mg/L for DO) to ensure that representative measurements have been collected for a site. The lowest and highest values for the three measurements must be within 20% when calculating the relative percent difference (RPD). If these values are not within 20%, the final field measurement value will be qualified as being estimated with an F value qualifier.

$$\text{RPD} = \frac{(\text{Highest Value} - \text{Lowest Value})}{(\text{Mean Value of Highest and Lowest Values})} \times 100\%$$