

Project Name: Duke Buck Station
Project Location: Dukeville Road, Salisbury
Project Number: 7126-16-032A

Water Quality Meter Calibration

Date: 29-Sep-16
Personnel: Jamie Honeycutt/Lindsey Romine
Equipment ID: YSI Flow-through cell with meter
Model: YSI Professional Series-Plus
Serial #: 13G102143

Time of Calibration	Battery Check (Pass/Fail)	Pre/Post Calibration or Midday Check	pH Buffer 4 (S.U.)	pH Buffer 7 (S.U.)	pH Buffer 10 (S.U.)	DO (mg/L)	Specific Conductivity (µmhos/cm)	ORP (mV)
7:25	Pass	Pre Cal	4.2	7.1	10.0	0.2	994	257
		Midday						
16:00	Pass	Post Cal	4.2	6.8	9.8	0.0	999	257

pH Buffer 4

Lot #: 6GA755
 Expiration date: Jan-18

DO Solution (0 mg/L)

Lot #: 201046-2 (9-26-2016)
 Expiration date: _____

Comments:

pH Buffer 7

Lot #: 6GD380
 Expiration date: Apr-18

ORP Solution (257.6 mV) Post: 257.6

Lot #: NA
 Expiration date: _____

pH Buffer 10

Lot #: 6GA660
 Expiration date: Jan-18

Specific Conductivity Solution (1000 µmhos/cm)

Lot #: 6GF129
 Expiration date: Jun-17

Turbidity Meter Calibration

Date: 29-Sep-16
Personnel: Jamie Honeycutt/Lindsey Romine
Equipment ID: Micro TPW Turbidimeter
Model: Micro TPW Turbidimeter
Serial #: 201505279

Time of Calibration	Battery Check (Pass/Fail)	Pre/Post Calibration or Midday	Turbidity Solution		
			0.02 NTU	10 NTU	1000 NTU
7:20	Pass	Pre Cal	0.03	9.9	990
		Midday			
15:45	Pass	Post Cal	0.42	11.3	1100

Turbidity - 10 NTU Solution

Lot #: 50539
 Expiration date: May-17

Comments:

Turbidity - 0.02 NTU Solution

Lot #: 50501
 Expiration date: May-17

Turbidity - 1000 NTU Solution

Lot #: 50503
 Expiration date: May-17

Project Name: Duke Buck Station
Project Location: Dukeville Road, Salisbury
Project Number: 7126-16-032

Water Quality Meter Calibration

Date: 29-Sep-16
Personnel: Darren Cox Bryan Wence
Equipment ID: YSI Flow-through cell with meter
Model: YSI Professional Series
Serial #: 16F100208

Time of Calibration	Battery Check (Pass/Fail)	Pre/Post Calibration or Midday Check	pH Buffer 4 (S.U.)	pH Buffer 7 (S.U.)	pH Buffer 10 (S.U.)	DO (mg/L)	Specific Conductivity (µmhos/cm)	ORP (mV)
7:30	Pass	Pre Cal	3.9	7.0	10.1	0.2	1000	259
		Midday						
16:10	Pass	Post Cal	4.1	7.0	9.8	0.5	1002	256

pH Buffer 4

Lot #: 6GA755
 Expiration date: Jan-18

DO Solution (0 mg/L)

Lot #: 201046-2 9-26-16
 Expiration date: _____

Comments:

pH Buffer 7

Lot #: 6GD380
 Expiration date: Apr-16

ORP Solution (259.0 mV) Post: 254

Lot #: NA
 Expiration date: _____

pH Buffer 10

Lot #: 6GA660
 Expiration date: Jan-16

Specific Conductivity Solution (1000 µmhos/cm)

Lot #: 6GF129
 Expiration date: 17-Jun

Turbidity Meter Calibration

Date: 29-Sep-16
Personnel: Darren Cox Bryan Wence
Equipment ID: Micro TPW Turbidimeter
Model: Micro TPW Turbidimeter
Serial #: 201504364

Time of Calibration	Battery Check (Pass/Fail)	Pre/Post Calibration or Midday	Turbidity Solution		
			0.02 NTU	10 NTU	1000 NTU
7:30	Pass	Pre Cal	0.01	9.9	981
		Midday			
16:10	Pass	Post Cal	0.03	10.2	972

Turbidity - 10 NTU Solution

Lot #: 50539
 Expiration date: May-17

Comments:

Turbidity - 0.02 NTU Solution

Lot #: 50501
 Expiration date: May-17

Turbidity - 1000 NTU Solution

Lot #: 50503
 Expiration date: May-17

Project Name: Duke Buck Station
Project Location: Dukeville Road, Salisbury
Project Number: 7126-16-032

Water Quality Meter Calibration

Date: 29-Sep-16
Personnel: Darren Cox Bryan Wence
Equipment ID: YSI Flow-through cell with meter
Model: YSI Professional Series
Serial #: 13K100921

Time of Calibration	Battery Check (Pass/Fail)	Pre/Post Calibration or Midday Check	pH Buffer 4 (S.U.)	pH Buffer 7 (S.U.)	pH Buffer 10 (S.U.)	DO (mg/L)	Specific Conductivity (µmhos/cm)	ORP (mV)
7:30	Pass	Pre Cal	4.0	7.0	10.0	0.0	1010	252
		Midday						
14:45	Pass	Post Cal	4.2	7.2	10.1	0.6	979	250

pH Buffer 4

Lot #: 6GA755
 Expiration date: Jan-18

DO Solution (0 mg/L)

Lot #: 201046-2 9-26-16
 Expiration date: _____

Comments:

pH Buffer 7

Lot #: 6GD380
 Expiration date: Apr-18

ORP Solution (259.0 mV) Post: 254

Lot #: NA
 Expiration date: _____

pH Buffer 10

Lot #: 6GA660
 Expiration date: Jan-16

Specific Conductivity Solution (1000 µmhos/cm)

Lot #: 6GF129
 Expiration date: 17-Jun

Turbidity Meter Calibration

Date: 29-Sep-16
Personnel: Darren Cox Bryan Wence
Equipment ID: Micro TPW Turbidimeter
Model: Micro TPW Turbidimeter
Serial #: 201504364

Time of Calibration	Battery Check (Pass/Fail)	Pre/Post Calibration or Midday	Turbidity Solution		
			0.02 NTU	10 NTU	1000 NTU
7:30	Pass	Pre Cal	0.01	9.9	981
		Midday			
16:10	Pass	Post Cal	0.03	10.2	972

Turbidity - 10 NTU Solution

Lot #: 50539
 Expiration date: May-17

Comments:

Turbidity - 0.02 NTU Solution

Lot #: 50501
 Expiration date: May-17

Turbidity - 1000 NTU Solution

Lot #: 50503
 Expiration date: May-17

Project Name: Duke Buck Station
Project Location: Dukeville Road, Salisbury
Project Number: 7126-16-032

Water Quality Meter Calibration									
Date:	<u>29-Sep-16</u>								
Personnel:	<u>James Waters Travis O'Quinn</u>								
Equipment ID:	<u>YSI Flow-through cell with meter</u>								
Model:	<u>YSI Professional Series</u>								
Serial #:	<u>15C104375</u>								
	Time of Calibration	Battery Check (Pass/Fail)	Pre/Post Calibration or Midday Check	pH Buffer 4 (S.U.)	pH Buffer 7 (S.U.)	pH Buffer 10 (S.U.)	DO (mg/L)	Specific Conductivity (µmhos/cm)	ORP (mV)
	7:30	Pass	Pre Cal	4.0	7.0	10.0	0.1	999	257
			Midday						
	16:45	Pass	Post Cal	4.0	6.9	10.0	0.3	990	253
pH Buffer 4				DO Solution (0 mg/L)		Comments:			
Lot #: <u>6GA775</u>				Lot #: <u>201046-2 9-26-16</u>		Team 4 (James Waters and Travis O'Quinn)			
Expiration date: <u>Jan-18</u>				Expiration date: _____		_____			
pH Buffer 7				ORP Solution (257.6 mV) Post: 257.6		_____			
Lot #: <u>6GD380</u>				Lot #: <u>NA</u>		_____			
Expiration date: <u>Apr-16</u>				Expiration date: _____		_____			
pH Buffer 10				Specific Conductivity Solution (1000 µmhos/cm)					
Lot #: <u>6GA660</u>				Lot #: <u>6GF129</u>					
Expiration date: <u>Jan-16</u>				Expiration date: <u>17-Jun</u>					

Turbidity Meter Calibration					
Date:	<u>29-Sep-16</u>				
Personnel:	<u>James Waters Travis O'Quinn</u>				
Equipment ID:	<u>Micro TPW Turbidimeter</u>				
Model:	<u>Micro TPW Turbidimeter</u>				
Serial #:	<u>201410044</u>				
	Time of Calibration	Battery Check (Pass/Fail)	Pre/Post Calibration or Midday	Turbidity Solution	
	7:30	Pass	Pre Cal	0.02 NTU	10 NTU
			Midday		
	16:45	Pass	Post Cal	0.00	9.9
				1000 NTU	
Turbidity - 10 NTU Solution				Comments:	
Lot #: <u>41060</u>				Used 1000 NTU Turbidity solution from Team 1.	
Expiration date: <u>Oct-17</u>				_____	
Turbidity - 0.02 NTU Solution				_____	
Lot #: <u>50701</u>				_____	
Expiration date: <u>Jul-17</u>				_____	
Turbidity - 1000 NTU Solution					
Lot #: <u>50503</u>					
Expiration date: <u>May-17</u>					