

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

**Water Quality Meter Calibration**

**Date:** 28-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)
7:20	Pass	Pre Cal	4.0	7.2	9.0	0.1	1006	260
		Midday						
17:50	Pass	Post Cal	4.2	6.8	9.9	0.2	1006	253

**pH Buffer 4**  
 Lot #: 6GA755      **DO Solution (0 mg/L)**      Lot #: 201046-2 (9-26-2016)  
 Expiration date: Jan-18      Expiration date: \_\_\_\_\_  
**pH Buffer 7**  
 Lot #: 6GD380      **ORP Solution (257.6 mV)** Post: 257.6  
 Expiration date: Apr-18      Lot #: NA      Expiration date: \_\_\_\_\_  
**pH Buffer 10**  
 Lot #: 6GA660      **Specific Conductivity Solution (1000 µmhos/cm)**  
 Expiration date: Jan-18      Lot #: 6GF129      Expiration date: Jun-17

**Comments:** \_\_\_\_\_  
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**Turbidity Meter Calibration**

**Date:** 28-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	0.00	10.0	978
		Midday			
17:25	Pass	Post Cal	0.57	10.4	907

**Turbidity - 10 NTU Solution**  
 Lot #: 50539  
 Expiration date: May-17

**Turbidity - 0.02 NTU Solution**  
 Lot #: 50501  
 Expiration date: May-17

**Turbidity - 1000 NTU Solution**  
 Lot #: 50503  
 Expiration date: May-17

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

**Water Quality Meter Calibration**

**Date:** 28-Sep-16  
**Personnel:** Darren Cox Bryan Wence  
**Equipment ID:** YSI Flow-through cell with meter  
**Model:** YSI Professional Series  
**Serial #:** 13K100920

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	6.9	10.1	0.2	997	258
		Midday						
15:15	Pass	Post Cal	4.3	7.0	10.0	0.1	988	249

**pH Buffer 4**  
 Lot #: 6GA755  
 Expiration date: Jan-18

**DO Solution (0 mg/L)**  
 Lot #: 201046-2 9-26-16  
 Expiration date: \_\_\_\_\_

**Comments:** \_\_\_\_\_  
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**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:** 28-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	0.02	10.0	998
		Midday			
16:35	Pass	Post Cal	0.02	10.0	994

**Turbidity - 10 NTU Solution**  
 Lot #: 50539  
 Expiration date: May-17

**Comments:** \_\_\_\_\_  
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**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:** 28-Sep-16  
**Personnel:** Darren Cox Bryan Wence  
**Equipment ID:** YSI Flow-through cell with meter  
**Model:** YSI Professional Series  
**Serial #:** 15C101918

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	4.1	7.0	10.0	0.1	1005	251
		Midday						
16:50	Pass	Post Cal	4.1	7.1	10.1	0.2	1011	247

**pH Buffer 4**  
 Lot #: 6GA755  
 Expiration date: Jan-18

**DO Solution (0 mg/L)**  
 Lot #: 201046-2 9-26-16  
 Expiration date: \_\_\_\_\_

**ORP Solution (259.0 mV)** Post: 254  
 Lot #: NA  
 Expiration date: \_\_\_\_\_

**pH Buffer 7**  
 Lot #: 6GD380  
 Expiration date: Apr-18

**Specific Conductivity Solution (1000 µmhos/cm)**  
 Lot #: 6GA660  
 Expiration date: Jan-16

Lot #: 6GF129  
 Expiration date: 17-Jun

**Comments:** \_\_\_\_\_  
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**Turbidity Meter Calibration**

**Date:** 28-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	0.02	10.0	998
		Midday			
16:35	Pass	Post Cal	0.02	10.0	994

**Turbidity - 10 NTU Solution**  
 Lot #: 50539  
 Expiration date: May-17

**Turbidity - 0.02 NTU Solution**  
 Lot #: 50501  
 Expiration date: May-17

**Turbidity - 1000 NTU Solution**  
 Lot #: 50503  
 Expiration date: May-17

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

**Water Quality Meter Calibration**

**Date:** 28-Sep-16  
**Personnel:** Travis O'Quinn & James Waters  
**Equipment ID:** YSI Flow-through cell with meter  
**Model:** YSI Professional Series  
**Serial #:** 13C100808

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	1000	258
		Midday						
17:30	Pass	Post Cal	3.9	6.9	9.9	0.2	1000	254

<b>pH Buffer 4</b>	<b>DO Solution (0 mg/L)</b>	<b>Comments:</b>
Lot #: <u>6GA755</u>	Lot #: <u>201046-2 9-26-16</u>	_____
Expiration date: <u>Jan-18</u>	Expiration date: _____	_____
<b>pH Buffer 7</b>	<b>ORP Solution (257.6 mV) Post: 253.5</b>	_____
Lot #: <u>6GD380</u>	Lot #: <u>NA</u>	_____
Expiration date: <u>Apr-16</u>	Expiration date: _____	_____
<b>pH Buffer 10</b>	<b>Specific Conductivity Solution (1000 µmhos/cm)</b>	_____
Lot #: <u>6GA660</u>	Lot #: <u>6GF129</u>	_____
Expiration date: <u>Jan-16</u>	Expiration date: <u>17-Jun</u>	_____

**Turbidity Meter Calibration**

**Date:** 28-Sep-16  
**Personnel:** Travis O'Quinn & James Waters  
**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	0.02	10.0	1000
		Midday			
17:30	Pass	Post Cal	0.06	10.0	1003

<b>Turbidity - 10 NTU Solution</b>	<b>Comments:</b>
Lot #: <u>41060</u>	<u>Used 1000 NTU solution from Team 1</u>
Expiration date: <u>Oct-16</u>	_____
<b>Turbidity - 0.02 NTU Solution</b>	_____
Lot #: <u>50701</u>	_____
Expiration date: <u>Jul-17</u>	_____
<b>Turbidity - 1000 NTU Solution</b>	_____
Lot #: <u>50503</u>	_____
Expiration date: <u>May-17</u>	_____

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

**Water Quality Meter Calibration**

**Date:** 28-Sep-16  
**Personnel:** David Klemm, Brant Alyea  
**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)
7:50	Pass	Pre Cal	4.0	7.0	10.0	0.1	1003	259
		Midday						
15:12	Pass	Post Cal	4.0	6.9	10.0	0.01	982	260

**pH Buffer 4**  
 Lot #: 6GA755  
 Expiration date: Jan-18

**DO Solution (0 mg/L)**  
 Lot #: 201046-2  
 Mix date: 9/26/2016

**Comments:** \_\_\_\_\_  
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**pH Buffer 7**  
 Lot #: 6GD380  
 Expiration date: Apr-18

**ORP Solution (257.6 mV)**      257.6  
 Lot #: NA  
 Mix date: 8/23/2016

**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:** 28-Sep-16  
**Personnel:** David Klemm, Brant Alyea  
**Equipment ID:** Micro TPW Turbidimeter  
**Model:** Micro TPW Turbidimeter  
**Serial #:** 201505263

Time of Calibration	Battery Check (Pass/Fail)	Pre/Post Calibration or Midday	Turbidity Solution		
			0.02 NTU	10 NTU	1000 NTU
7:50	Pass	Pre Cal	0.02	10.0	1000
		Midday			
15:12	Pass	Post Cal	0.01	10.0	1003

**Turbidity - 10 NTU Solution**  
 Lot #: 50539  
 Expiration date: May-17

**Comments:** \_\_\_\_\_  
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**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:** 7126-16-032A

**Water Quality Meter Calibration**

**Date:** 28-Sep-16  
**Personnel:** David Klemm, Brant Alyea  
**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)
7:50	Pass	Pre Cal	4.0	7.0	10.0	0.1	997	252
		Midday						
15:30	Pass	Post Cal	4.1	6.9	10.0	0.0	997	250

**pH Buffer 4**  
 Lot #: 6GA755  
 Expiration date: Jan-18

**DO Solution (0 mg/L)**  
 Lot #: 201046-2  
 Mix date: 9/26/2016

**Comments:** \_\_\_\_\_  
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**pH Buffer 7**  
 Lot #: 6GD380  
 Expiration date: Apr-18

**ORP Solution (257.6 mV)**    257.6  
 Lot #: NA  
 Mix date: 9/19/2016

**pH Buffer 10**  
 Lot #: 6GA660  
 Expiration date: Apr-18

**Specific Conductivity Solution (1000 µmhos/cm)**  
 Lot #: 6GF129  
 Expiration date: Jun-17

**Turbidity Meter Calibration**

**Date:** 28-Sep-16  
**Personnel:** David Klemm, Brant Alyea  
**Equipment ID:** Micro TPW Turbidimeter  
**Model:** Micro TPW Turbidimeter  
**Serial #:** 201505263

Time of Calibration	Battery Check (Pass/Fail)	Pre/Post Calibration or Midday	Turbidity Solution		
			0.02 NTU	10 NTU	1000 NTU
7:50	Pass	Pre Cal	0.02	10.0	1000
		Midday			
15:12	Pass	Post Cal	0.01	10.0	1003

**Turbidity - 10 NTU Solution**  
 Lot #: 50539  
 Expiration date: May-17

**Comments:** \_\_\_\_\_  
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**Turbidity - 0.02 NTU Solution**  
 Lot #: 50501  
 Expiration date: May-17

**Turbidity - 1000 NTU Solution**  
 Lot #: 50503  
 Expiration date: May-17