



August 08, 2017

Bo Stanley
City of Tuscumbia
PO Box 29
Tuscumbia, AL 35674

We appreciate the opportunity to provide our services to you on this project. Please find attached the data for the sample(s) listed below:

<u>LabNumber</u>	<u>Sample Description</u>	<u>Date/Time Collected</u>	<u>Date Submitted</u>
1710508-01	SC-1	7/28/17 19:10	7/28/17
1710508-02	SC-2	7/28/17 18:45	7/28/17
1710508-03	SC-3	7/28/17 17:45	7/28/17
1710508-04	SC-4	7/28/17 18:10	7/28/17

ENERSOLV is accredited to ISO/IEC 17025:2005 by Laboratory Accreditation Bureau and to the TNI 2003 Standard by the Florida Department of Health. Our quality system also meets relevant quality system requirements of ISO 9001:2008. Not all tests performed by ENERSOLV are covered by these accreditations. Tests within our scope of accreditation are indicated by an asterisk (*) in the Test Result section of this report. Tests not included in the accreditations are performed in accordance with ENERSOLV Standard Operating Procedures and the quality control program using, where applicable, USEPA methodology.

This cover page and the attached chain-of-custody record(s) are integral parts of your report. ENERSOLV considers this report your official record. This information shall remain in ENERSOLV's active database for a period of one (1) calendar year before archiving. Any replacement of this information after archiving may result in an administrative fee to cover the cost of retrieval.

If you have any questions or would like more information regarding these analyses, please call us at (256) 350-0846.

Karen Sutton
Vice President Client Services



SAMPLE RESULTS REPORT

Report Date/Time: 08/08/2017 10:18

REPORT TO
 Bo Stanley
 City of Tuscumbia
 PO Box 29
 Tuscumbia, AL 35674



NELAP
 Accredited
 Florida DOH
 #E871078

ENERSOLV maintains National Environmental Laboratory Accreditation Program (NELAP) accreditation through Florida Department of Health (#E871078). Some tests included in this report may not be covered by this accreditation.

ENERSOLV also maintains ISO/IEC 17025 accreditation through Laboratory Accreditation Bureau for the specific tests listed in L-A-B Certificate #L2239 scope of accreditation.

Tests within the scope of accreditation are indicated by an asterisk (*).

This report may contain information that is confidential and/or proprietary. This information is intended for the addressee only and may not be copied or disseminated except in full without the written consent of ENERSOLV Corporation.



Cert# L2239 Testing

ADEM
 Drinking Water
 Certification
 No. 40160

Analyte Name	Result	Units	Qual	Regulatory Limit
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Sample Point: SC-1

Sample ID: 1710508-01

Collected: 07/28/2017

Submitted: 07/28/2017

Anions by IC

Dissolved Reactive Phosphorus CAS: 98059-61-1	<0.400	mg/l		
Nitrate plus Nitrite-Nitrogen	<0.260	mg/l		
* Nitrate-Nitrogen CAS: 14797-55-8	<0.200	mg/l		
* Nitrite-Nitrogen CAS: 14797-65-0	<0.0600	mg/l		

Inorganics

* Biochemical Oxygen Demand	<6.00	mg/l		D
Chlorophyll a (corrected)	<5.00	ug/l		
Fecal Coliform	130	col/100 ml		
Total Alkalinity	128	mg/l CaCO3		
Total Dissolved Solids	883	mg/l		
* Total Suspended Solids	4.00	mg/l		
Turbidity	1.65	ntu		

Metals by ICP-OES

* Total Calcium CAS: 7440-70-2	43.5	mg/l		
Total Hardness	125	mg/l CaCO3		
* Total Magnesium CAS: 7439-95-4	3.93	mg/l		

On-Site Analysis

* pH	7.6	su		
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SAMPLE RESULTS REPORT

Report Date/Time: 08/08/2017 10:18

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 No. 40160

Analyte Name	Result	Units	Qual	Regulatory Limit
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Sample Point: SC-2

Sample ID: 1710508-02

Collected: 07/28/2017

Submitted: 07/28/2017

Anions by IC

Dissolved Reactive Phosphorus CAS: 98059-61-1	<0.400	mg/l		
Nitrate plus Nitrite-Nitrogen	1.46	mg/l		
* Nitrate-Nitrogen CAS: 14797-55-8	1.46	mg/l		
* Nitrite-Nitrogen CAS: 14797-65-0	<0.0600	mg/l		

Inorganics

* Biochemical Oxygen Demand	<6.00	mg/l		D
Chlorophyll a (corrected)	<5.00	ug/l		
Fecal Coliform	>6000	col/100 ml		
Total Alkalinity	169	mg/l CaCO3		
Total Dissolved Solids	231	mg/l		
* Total Suspended Solids	4.33	mg/l		
Turbidity	5.90	ntu		

Metals by ICP-OES

* Total Calcium CAS: 7440-70-2	60.8	mg/l		
Total Hardness	167	mg/l CaCO3		
* Total Magnesium CAS: 7439-95-4	3.69	mg/l		

On-Site Analysis

* pH	7.3	su		
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Analyte Name	Result	Units	Qual	Regulatory Limit
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Sample Point: SC-3

Sample ID: 1710508-03

Collected: 07/28/2017

Submitted: 07/28/2017

Anions by IC

Dissolved Reactive Phosphorus CAS: 98059-61-1	<0.400	mg/l		
Nitrate plus Nitrite-Nitrogen	3.27	mg/l		
* Nitrate-Nitrogen CAS: 14797-55-8	3.27	mg/l		
* Nitrite-Nitrogen CAS: 14797-65-0	<0.0600	mg/l		

Inorganics

* Biochemical Oxygen Demand	<6.00	mg/l		D
Chlorophyll a (corrected)	<5.00	ug/l		
Fecal Coliform	>6000	col/100 ml		
Total Alkalinity	188	mg/l CaCO3		
Total Dissolved Solids	260	mg/l		
* Total Suspended Solids	<2.50	mg/l		
Turbidity	2.76	ntu		

Metals by ICP-OES

* Total Calcium CAS: 7440-70-2	73.6	mg/l		
Total Hardness	196	mg/l CaCO3		
* Total Magnesium CAS: 7439-95-4	2.88	mg/l		

On-Site Analysis

* pH	7.9	su		
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Analyte Name	Result	Units	Qual	Regulatory Limit
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Sample Point: SC-4

Sample ID: 1710508-04

Collected: 07/28/2017

Submitted: 07/28/2017

Anions by IC

Dissolved Reactive Phosphorus CAS: 98059-61-1	<0.400	mg/l		
Nitrate plus Nitrite-Nitrogen	3.24	mg/l		
* Nitrate-Nitrogen CAS: 14797-55-8	3.24	mg/l		
* Nitrite-Nitrogen CAS: 14797-65-0	<0.0600	mg/l		

Inorganics

* Biochemical Oxygen Demand	<6.00	mg/l		D
Chlorophyll a (corrected)	<5.00	ug/l		
Fecal Coliform	>6000	col/100 ml		
Total Alkalinity	194	mg/l CaCO3		
Total Dissolved Solids	298	mg/l		
* Total Suspended Solids	<2.50	mg/l		
Turbidity	3.22	ntu		

Metals by ICP-OES

* Total Calcium CAS: 7440-70-2	70.6	mg/l		
Total Hardness	189	mg/l CaCO3		
* Total Magnesium CAS: 7439-95-4	3.18	mg/l		

On-Site Analysis

* pH	6.8	su		
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All calculations are performed prior to rounding per EPA and *Standard Methods* requirements.

Data Qualifiers:

- D Estimated BOD/CBOD value - sample dissolved oxygen depletion less than method required 2.0 mg/l.
- < Less than reporting limit

Analysis Information

Lab Number	Analysis	SpecificMethod	Analyst	Analysis Start Date/Time	Analysis End Date/Time
1710508-01	Total Alkalinity	SM 2320B-1997	DS	07/31/2017 10:00	
1710508-01	Biochemical Oxygen Demand	SM 5210B-2001	SH	07/28/2017 21:20	08/02/2017 15:20
1710508-01	Total Calcium	EPA 200.7/6010C	DJN	08/02/2017 07:30	
1710508-01	Chlorophyll a (corrected)	SM 10200 H	JW	07/28/2017 21:15	
1710508-01	Dissolved Reactive Phosphorus	EPA 300.0	MD	07/29/2017 10:59	
1710508-01	Fecal Coliform	SM 9222D-1997	JW	07/28/2017 21:05	07/29/2017 22:30
1710508-01	Total Hardness	EPA 200.7	DJN	08/02/2017 07:30	
1710508-01	Total Magnesium	EPA 200.7/6010C	DJN	08/02/2017 07:30	
1710508-01	Nitrite-Nitrogen	EPA 300.0	MD	07/29/2017 10:59	
1710508-01	Nitrate-Nitrogen	EPA 300.0	MD	07/29/2017 10:59	
1710508-01	Nitrate plus Nitrite-Nitrogen	EPA 300.0	MD	07/29/2017 10:59	
1710508-01	Total Dissolved Solids	SM 2540C	SH	08/01/2017 09:15	
1710508-01	Total Suspended Solids	USGS I-3765-85	SH	08/01/2017 13:25	
1710508-01	Turbidity	EPA 180.1	JW	07/28/2017 21:20	
1710508-02	Total Alkalinity	SM 2320B-1997	DS	07/31/2017 10:00	
1710508-02	Biochemical Oxygen Demand	SM 5210B-2001	SH	07/28/2017 21:20	08/02/2017 15:20
1710508-02	Total Calcium	EPA 200.7/6010C	DJN	08/02/2017 07:30	
1710508-02	Chlorophyll a (corrected)	SM 10200 H	JW	07/28/2017 21:15	
1710508-02	Dissolved Reactive Phosphorus	EPA 300.0	MD	07/29/2017 11:53	
1710508-02	Fecal Coliform	SM 9222D-1997	JW	07/28/2017 21:05	07/29/2017 22:30
1710508-02	Total Hardness	EPA 200.7	DJN	08/02/2017 07:30	
1710508-02	Total Magnesium	EPA 200.7/6010C	DJN	08/02/2017 07:30	
1710508-02	Nitrite-Nitrogen	EPA 300.0	MD	07/29/2017 11:53	
1710508-02	Nitrate-Nitrogen	EPA 300.0	MD	07/29/2017 11:53	
1710508-02	Nitrate plus Nitrite-Nitrogen	EPA 300.0	MD	07/29/2017 11:53	
1710508-02	Total Dissolved Solids	SM 2540C	SH	08/01/2017 09:15	
1710508-02	Total Suspended Solids	USGS I-3765-85	SH	08/01/2017 13:25	
1710508-02	Turbidity	EPA 180.1	JW	07/28/2017 21:20	



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1710508-03	Total Alkalinity	SM 2320B-1997	DS	07/31/2017 10:00	
1710508-03	Biochemical Oxygen Demand	SM 5210B-2001	SH	07/28/2017 21:20	08/02/2017 15:20
1710508-03	Total Calcium	EPA 200.7/6010C	DJN	08/02/2017 07:30	
1710508-03	Chlorophyll a (corrected)	SM 10200 H	JW	07/28/2017 21:15	
1710508-03	Dissolved Reactive Phosphorus	EPA 300.0	MD	07/29/2017 12:11	
1710508-03	Fecal Coliform	SM 9222D-1997	JW	07/28/2017 21:05	07/29/2017 22:30
1710508-03	Total Hardness	EPA 200.7	DJN	08/02/2017 07:30	
1710508-03	Total Magnesium	EPA 200.7/6010C	DJN	08/02/2017 07:30	
1710508-03	Nitrite-Nitrogen	EPA 300.0	MD	07/29/2017 12:11	
1710508-03	Nitrate-Nitrogen	EPA 300.0	MD	07/29/2017 12:11	
1710508-03	Nitrate plus Nitrite-Nitrogen	EPA 300.0	MD	07/29/2017 12:11	
1710508-03	Total Dissolved Solids	SM 2540C	SH	08/01/2017 09:15	
1710508-03	Total Suspended Solids	USGS I-3765-85	SH	08/01/2017 13:25	
1710508-03	Turbidity	EPA 180.1	JW	07/28/2017 21:20	
1710508-04	Total Alkalinity	SM 2320B-1997	DS	07/31/2017 10:00	
1710508-04	Biochemical Oxygen Demand	SM 5210B-2001	SH	07/28/2017 21:20	08/02/2017 15:20
1710508-04	Total Calcium	EPA 200.7/6010C	DJN	08/02/2017 07:30	
1710508-04	Chlorophyll a (corrected)	SM 10200 H	JW	07/28/2017 21:15	
1710508-04	Dissolved Reactive Phosphorus	EPA 300.0	MD	07/29/2017 12:30	
1710508-04	Fecal Coliform	SM 9222D-1997	JW	07/28/2017 21:05	07/29/2017 22:30
1710508-04	Total Hardness	EPA 200.7	DJN	08/02/2017 07:30	
1710508-04	Total Magnesium	EPA 200.7/6010C	DJN	08/02/2017 07:30	
1710508-04	Nitrite-Nitrogen	EPA 300.0	MD	07/29/2017 12:30	
1710508-04	Nitrate-Nitrogen	EPA 300.0	MD	07/29/2017 12:30	
1710508-04	Nitrate plus Nitrite-Nitrogen	EPA 300.0	MD	07/29/2017 12:30	
1710508-04	Total Dissolved Solids	SM 2540C	SH	08/01/2017 09:15	
1710508-04	Total Suspended Solids	USGS I-3765-85	SH	08/01/2017 13:25	
1710508-04	Turbidity	EPA 180.1	JW	07/28/2017 21:20	

The results contained in this report are only representative of the sample(s) received.



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD
 2220 BELTLINE ROAD SW DECATUR, ALABAMA 35601
 (256) 350-0846

www.enersolv.com

COMPANY/CLIENT NAME City of Tuscumbia		CLIENT P.O. NUMBER ENE 13502 RMCWHORTER		REQUESTED ANALYSES											
CLIENT POINT OF CONTACT Bo Stanley		CITY/STATE/ZIP Tuscumbia, AL 35674													
CLIENT EMAIL bostan29@comcast.net		CLIENT PHYSICAL ADDRESS 202 East 6th Street		ALK	BOD	CHLOROPHYLL	FC	HARD	NO3NO2IC	DRP IC	pH	TDS	TSS	TURBIDITY-LAB	
PHONE NUMBER (256)386-5674		OTHER INFORMATION		SAMPLE TRANSFER/GRAB DATE 7/28/17	SAMPLE TRANSFER/GRAB TIME 1910	GRAB COMP	X								
SAMPLE COLLECTED BY <i>Rmc whorter</i>		EXPEDITED REPORT DELIVERY (SURCHARGE)		DATE DUE (REQUIRED)											
ENERSOLV LAB NUMBER 1710508-01	SAMPLE DESCRIPTION SC-1														

Comments:

Collector to complete shaded areas, as applicable

SAMPLE TEMPERATURE RECEIVED @ 7.6

SAMPLER INFORMATION		FIELD INFORMATION								Qty	Type	Parameters
Start Date	pH su	TRC mg/l	DO mg/l	Temp deg C	Date	Date	Date	Date	1	Poly 1/2 Cool 6c	Alk, BOD, NO3NO2, TDS, TSS, Turb	
Start Time	Date	Date	Date	Date	Date	Date	Date	Date	2	Amb Glass 1000ml Cool 6c	Chlorophyll	
Stop Date	Time	Time	Time	Time	Time	Time	Time	Time	1	Poly Pint HNO3 Cool 6c	Hard	
Stop Time	Analyst	Analyst	Analyst	Analyst	Analyst	Analyst	Analyst	Analyst	1	Poly 150ml Filter System Bottle	DRP	
RELINQUISHED BY: (SIGNATURE)	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	1	Fecal Cup	FC	
<i>[Signature]</i>	7/28/17	7/28/17	7/28/17	7/28/17	7/28/17	7/28/17	7/28/17	7/28/17				
RECEIVED BY: (SIGNATURE)	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE				
<i>[Signature]</i>	7/28/17	7/28/17	7/28/17	7/28/17	7/28/17	7/28/17	7/28/17	7/28/17				
RECEIVED FOR LABORATORY USE BY: (SIGNATURE)	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE				
<i>[Signature]</i>	7/28/17	7/28/17	7/28/17	7/28/17	7/28/17	7/28/17	7/28/17	7/28/17				

Accepted Rejected Accepted with Exception



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD
 2220 BELTLINE ROAD SW DECATUR, ALABAMA 35601
 (256) 350-0846

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COMPANY/CLIENT NAME City of Tusculumbia	CLIENT P.O. NUMBER ENE 13502 RMCWHORTER	ENERSOLV PROJECT NUMBER ENE 13502 RMCWHORTER		REQUESTED ANALYSES											
CLIENT POINT OF CONTACT Bo Stanley	CLIENT PHYSICAL ADDRESS 202 East 6th Street	CITY/STATE/ZIP Tuscumbia, AL 35674	PHONE NUMBER (256)386-5674	OTHER INFORMATION	ALK	BOD	CHLOROPHYLL	FC	HARD	NO3NO2IC	DRP IC	PH	TDS	TSS	TURBIDITY-LAB
CLIENT EMAIL bostan29@comcast.net	EXPEDITED REPORT DELIVERY (SURCHARGE)	DATE DUE (REQUIRED)	SAMPLE TRANSFER/GRAB DATE 7/28/17	SAMPLE TRANSFER/GRAB TIME 1845	GRAB COMP	GRAB	SC-2								
SAMPLE COLLECTED BY <i>R. McWhorter</i>															

Comments:

Collector to complete shaded areas, as applicable

SAMPLE TEMPERATURE RECEIVED @ *7.6*

SAMPLER INFORMATION		FIELD INFORMATION								Qty	Type	Parameters
Start Date	7/29	TRC mg/l	DO mg/l	Temp deg C	Date	1	Poly 1/2 Cool 6c	Alk, BOD, NO3NO2, TDS, TSS, Turb				
Start Time	7:04P	Date	Date	Date	Date	2	Amb Glass 1000ml Cool 6c	Chlorophyll				
Stop Date	1847	Time	Time	Time	Time	1	Poly Pint HNO3 Cool 6c	Hard				
Stop Time	7:00	Analyst	Analyst	Analyst	Analyst	1	Poly 150ml Filter System Bottle	DRP				
RELINQUISHED BY: (SIGNATURE)	DATE	SM 4500H+B	SM 4500-CI D	SM 4500-O G	SM 2550B	1	Fecal Cup	FC				
RECEIVED BY: (SIGNATURE)	DATE	7/28/17	20:50	RELINQUISHED BY: (SIGNATURE)	DATE							
RECEIVED FOR LABORATORY USE BY: (SIGNATURE)	DATE	7/28/17	20:50	RECEIVED BY: (SIGNATURE)	DATE							

SAMPLE STATUS: Accepted Rejected Accepted with Exception



ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD
 2220 BELTLINE ROAD SW DECATUR, ALABAMA 35601
 (256) 350-0846

PAGE	1	of	1
MS4 Area - Spring Creek			

www.enersolv.com

COMPANY/CLIENT NAME City of Tusculumbia		CLIENT P.O. NUMBER ENE 13502 RMCWHORTER	
CLIENT POINT OF CONTACT Bo Stanley		CITY/STATE/ZIP Tuscumbia, AL 35674	
CLIENT EMAIL bostan29@comcast.net		PHONE NUMBER (256)386-5674	
SAMPLE COLLECTED BY <i>RMC Whorter</i>		OTHER INFORMATION	
EXPEDITED REPORT DELIVERY (SURCHARGE)		DATE DUE (REQUIRED)	
ENERSOLV LAB NUMBER 1710508 03	SAMPLE DESCRIPTION SC-3	SAMPLE TRANSFER/GRAB DATE 7/28/17	SAMPLE TRANSFER/GRAB TIME 1745
		GRAB COMP	
		ALK	X
		BOD	X
		CHLOROPHYLL	X
		FC	X
		HARD	X
		NO3NO2IC	X
		DRP IC	X
		PH	X
		TDS	X
		TSS	X
		TURBIDITY-LAB	X

Comments: Collector to complete shaded areas, as applicable

SAMPLE TEMPERATURE RECEIVED @ 7.6

SAMPLER INFORMATION		FIELD INFORMATION				Qty	Type	Parameters
Start Date	pH su	TRC mg/l	DO mg/l	Temp deg C	1	Poly 1/2 Cool 6c	Alk, BOD, NO3NO2, TDS, TSS, Turb	
Start Time	Date	Date	Date	Date				
Stop Date	Time	Time	Time	Time	2	Amb Glass 1000ml Cool 6c	Chlorophyll	
Stop Time	Analyst	Analyst	Analyst	Analyst	1	Poly Pint HNO3 Cool 6c	Hard	
					1	Poly 150ml Filter System Bottle	DRP	
					1	Fecal Cup	FC	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
<i>[Signature]</i>	7/28/17	2015	<i>[Signature]</i>	7/28/17	2015	<i>[Signature]</i>		
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
<i>[Signature]</i>	7/28/17	2015	<i>[Signature]</i>	7/28/17	2015	<i>[Signature]</i>		
RECEIVED FOR LABORATORY USE BY: (SIGNATURE)	DATE	TIME	SAMPLE STATUS:					
<i>[Signature]</i>	7/28/17	2015	<input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Rejected <input type="checkbox"/> Accepted with Exception					



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MS4 Area - Spring Creek			

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CLIENT POINT OF CONTACT Bo Stanley		CLIENT PHYSICAL ADDRESS 202 East 6th Street		CITY/STATE/ZIP Tuscumbia, AL 35674		ALK	BOD	CHLOROPHYLL	FC	HARD	NO3NO2IC	DRP IC	PH	TDS	TSS	TURBIDITY-LAB	
CLIENT EMAIL bostan29@comcast.net		PHONE NUMBER (256)386-5674		OTHER INFORMATION		COMP	GRAB		X	X	X	X	X	X	X	X	
SAMPLE COLLECTED BY <i>F. McWhorter</i>		EXPEDITED REPORT DELIVERY (SURCHARGE)		DATE DUE (REQUIRED)		SAMPLE DESCRIPTION SC-4	SAMPLE TRANSFER/GRAB DATE 7/28/17	SAMPLE TRANSFER/GRAB TIME 1810									

Comments:

Collector to complete shaded areas, as applicable

SAMPLE TEMPERATURE RECEIVED @ *7.6*

SAMPLER INFORMATION		FIELD INFORMATION															
Start Date	Stop Date	TRC mg/l	DO mg/l	Temp deg C	Time	Analyst	SM 4500-CID	SM 4500-O G	SM 2550B	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	Parameters	
																	Alk, BOD, NO3NO2, TDS, TSS, Turb
																	Chlorophyll
																	Hard
																	DRP
																	FC

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 7/28/17	TIME 2015	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 7/20/17	TIME 2050	RECEIVED BY: (SIGNATURE)	DATE	TIME

RECEIVED FOR LABORATORY USE BY: (SIGNATURE) *[Signature]*

DATE: 7-20-17 TIME: 2050

Accepted
 Rejected
 Accepted with Exception

Energolv Field Calibration Record

Calibrated By: R. M. White Date: 7/28/17 Time: 1547

pH Meter Calibration - Equipment number: PH 303

	7.00 pH buffer	10.00pH buffer	Acceptance Criteria met?	
	Acc. Range 7.0 +/- 0.1	Acc. Range 10.0 +/- 0.1	Yes	No
Value before calibration, s.u.	6.9	10.09	Yes	No
Buffer Temp. before calibration, °C	25.0	25.0		
Value after calibration, s.u.	7.00	10.01		
Buffer Temp. after calibration, °C	25.0	25.0		
Reagent Number - Pre-calibration	EG 71208	EG 2104		
Reagent Number - Post-calibration	EG 71208	EG 2104		

pH Meter Post Cal. Date: 7/28/17 Time: 20:45 4.0 Buffer Cal., if required Date/time: _____ NA

	7.00 pH buffer	10.0 pH buffer	4.00 pH buffer	
	Acc. range 7.00 +/- 0.2	Acc. Range 10.00 +/- 0.2	Acc. Range 4.00 +/- 0.1	
Value, s.u.	7.03	9.99		
Buffer Temp. °C	25.0	25.0		
Reagent Number	EG 71208	EG 2104	Pre	Post

Dissolved Oxygen Meter - Equipment Number: _____ NA

	Oxygen meter reading	Calibration successful?	
	Value before calibration, mg/L		
% Air Saturation / Slope			
Value after calibration, mg/L		Yes	No

Turbidity Meter - Equipment number: 150

	1 NTU	10 NTU
Meter Reading Before Calibration, NTU		
Meter Reading After Calibration, NTU		
Turbidity Standard Reagent Number		

NA

Conductivity Meter - Equipment Number: _____

NA

Value of Conductivity Standard, uS	
Meter reading before calibration, uS	
Cell Constant Value	
Conductivity Standard Reagent Number	

Residual Chlorine Meter - Equipment Number: _____

NA

Reagent numbers - Phenylarsine oxide (free & total) R - _____	pH 7 buffer (free) R - _____
pH 4 buffer (total) R - _____	Potassium iodide (total) _____
	KMnO ₄ LCS: S - _____
Circuit check (check one): OK _____ Needs Attention _____	
KMnO ₄ LCS, mg/L Acceptance Limits 0.24 - 0.26mg/L Before _____ After _____	

DPD Total Chlorine Reagent Pillows: R - _____
Hach DPD Standard Lot no. _____
Before: STD 1 _____ STD 2 <u>4</u> _____ STD 3 _____
After: STD 1 _____ STD 2 _____ STD 3 _____
Cal check acceptance limits: (0.13 - 0.31) (0.75 - 0.95) (1.37 - 1.65)

For all field instruments: Calibration/Confirmation Interval: Prior to each use, but not more than daily
Calibration Environmental Conditions: Room temperature

Note: If equipment calibration fails to meet acceptance limits, the equipment must be taken out of service and tagged for repair.