TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 510-28439-1

Job Description: Town of Porter

For:
Town of Porter
550 Beam Street
Porter, IN 46304

Attention: Ms. Brenda Brueckheimer

Diana Mockler

Diana J Mockler
Project Manager I
diana.mockler@testamericainc.com
07/01/2008

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TestAmerica Laboratories, Inc.
TestAmerica Valparaiso 2400 Cumberland Drive, Valparaiso, IN 46383
Tel (219) 464-2389 Fax (219) 462-2953 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

METHOD SUMMARY

Client: Town of Porter

Job Number: 510-28439-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Nitrogen (Ammonia, Colorimetric, Automated Phenate)	TAL VAL	MCAWW 350.1	
Determination of Phosphorus by Semi-Automated Colorimetry	TAL VAL	EPA 365.1	
Sample Digestion for Total Phosphorous	TAL VAL		MCAWW 365.2/365.3/365
BOD-5	TAL VAL	SM20 5210B	
Total Suspended Solids Dried at 103-105°C	TAL VAL	SM SM 2540D	

Lab References:

TAL VAL = TestAmerica Valparaiso

Method References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

SM20 = "Standard Methods For The Examination Of Water And Wastewater", 20th Edition."

METHOD / ANALYST SUMMARY

Client: Town of Porter

Job Number: 510-28439-1

Method	Analyst	*Analyst ID*
MCAWW 350.1	Ivers, Catherine L	CLI
EPA 365.1	Yanna, Bridget A	BAY
SM20 5210B	Boyd, Daniel W	DWB
SM SM 2540D	Bultema, Harvey	HB

SAMPLE SUMMARY

Client: Town of Porter

Job Number: 510-28439-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
510-28439-1	Franklin	Water	06/23/2008 1318	06/23/2008 1420
510-28439-2	Marquardt	Water	06/23/2008 1305	06/23/2008 1420
510-28439-3	23rd & Union	Water	06/23/2008 1329	06/23/2008 1420
510-28439-4	23rd & Morgan	Water	06/23/2008 1338	06/23/2008 1420
510-28439-5	Porter Cove	Water	06/23/2008 1350	06/23/2008 1420

SAMPLE RESULTS

Ms. Brenda Brueckheimer
Town of Porter
550 Beam Street
Porter, IN 46304

Job Number: 510-28439-1
Lab Sample Id: 510-28439-1
Client Matrix: Water
Date Sampled: 06/23/2008 1318
Date Received: 06/23/2008 1420

Client Sample ID: Franklin

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GENERAL CHEMISTRY							
Ammonia, undistilled	21	mg/L	1.0	350.1		06/27/2008 1510	50
Phosphorus, Total	<0.10	mg/L	0.10	365.1	06/30/2008 1000	06/30/2008 1725	1.0
Biochemical Oxygen Demand	300	mg/L	2.0	5210B		06/23/2008 1619	1.0
Total Suspended Solids	220	mg/L	20	SM 2540D		06/26/2008 0930	1.0

Ms. Brenda Brueckheimer
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Porter, IN 46304

Job Number: 510-28439-1
Lab Sample Id: 510-28439-2
Client Matrix: Water
Date Sampled: 06/23/2008 1305
Date Received: 06/23/2008 1420

Client Sample ID: Marquardt

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GENERAL CHEMISTRY							
Ammonia, undistilled	26	mg/L	1.0	350.1		06/27/2008 1512	50
Phosphorus, Total	6.4	mg/L	0.50	365.1	06/30/2008 1000	06/30/2008 1839	5.0
Biochemical Oxygen Demand	170	mg/L	2.0	5210B		06/23/2008 1619	1.0
Total Suspended Solids	160	mg/L	10	SM 2540D		06/25/2008 1022	1.0

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Job Number: 510-28439-1
Lab Sample Id: 510-28439-3
Client Matrix: Water
Date Sampled: 06/23/2008 1329
Date Received: 06/23/2008 1420

Client Sample ID: 23rd & Union

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GENERAL CHEMISTRY							
Ammonia, undistilled	20	mg/L	1.0	350.1		06/27/2008 1514	50
Phosphorus, Total	4.0	mg/L	0.10	365.1	06/30/2008 1000	06/30/2008 1730	1.0
Biochemical Oxygen Demand	230	mg/L	2.0	5210B		06/23/2008 1619	1.0
Total Suspended Solids	140	mg/L	10	SM 2540D		06/27/2008 0913	1.0

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Job Number: 510-28439-1
Lab Sample Id: 510-28439-4
Client Matrix: Water
Date Sampled: 06/23/2008 1338
Date Received: 06/23/2008 1420

Client Sample ID: 23rd & Morgan

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GENERAL CHEMISTRY							
Ammonia, undistilled	29	mg/L	1.0	350.1	06/30/2008 1000	06/27/2008 1515	50
Phosphorus, Total	6.6	mg/L	0.50	365.1		06/30/2008 1841	5.0
Biochemical Oxygen Demand	210	mg/L	2.0	5210B		06/23/2008 1619	1.0
Total Suspended Solids	810	mg/L	20	SM 2540D		06/27/2008 0913	1.0

Ms. Brenda Brueckheimer
Town of Porter
550 Beam Street
Porter, IN 46304

Job Number: 510-28439-1
Lab Sample Id: 510-28439-5
Client Matrix: Water
Date Sampled: 06/23/2008 1350
Date Received: 06/23/2008 1420

Client Sample ID: Porter Cove

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
GENERAL CHEMISTRY							
Ammonia, undistilled	32	mg/L	1.0	350.1	06/30/2008 1000	06/27/2008 1517	50
Phosphorus, Total	7.0	mg/L	0.50	365.1		06/30/2008 1844	5.0
Biochemical Oxygen Demand	320	mg/L	2.0	5210B		06/23/2008 1619	1.0
Total Suspended Solids	100	mg/L	10	SM 2540D		06/27/2008 0913	1.0

QUALITY CONTROL RESULTS

Client: *Town of Porter*

Job Number: 510-28439-1

Method Blank - Batch: 510-35428

Method: 350.1
Preparation: N/A

Lab Sample ID: MB 510-35428/13
Client Matrix: *Water*
Dilution: 1.0
Date Analyzed: 06/27/2008 1448
Date Prepared: N/A

Analysis Batch: 510-35428
Prep Batch: N/A
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 1.0 mL

Analyte	Result	Qual	RL
Ammonia, undistilled	<0.020		0.020

Lab Control Spike - Batch: 510-35428

Method: 350.1
Preparation: N/A

Lab Sample ID: LCS 510-35428/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/27/2008 1446
Date Prepared: N/A

Analysis Batch: 510-35428
Prep Batch: N/A
Units: mg/L

Instrument ID: Systea
Lab File ID: *N/A*
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 1.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia, undistilled	0.400	0.404	101	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Town of Porter

Job Number: 510-28439-1

Method Blank - Batch: 510-35490

Method: 365.1
Preparation: 365.2/365.3/365

Lab Sample ID: MB 510-35490/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/30/2008 1652
Date Prepared: 06/30/2008 1000

Analysis Batch: 510-35540
Prep Batch: 510-35490
Units: mg/L

Instrument ID: Systea 1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Phosphorus, Total	<0.10		0.10

Lab Control Spike - Batch: 510-35490

Method: 365.1
Preparation: 365.2/365.3/365

Lab Sample ID: LCS 510-35490/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/30/2008 1836
Date Prepared: 06/30/2008 1000

Analysis Batch: 510-35540
Prep Batch: 510-35490
Units: mg/L

Instrument ID: Systea 1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phosphorus, Total	*1.66*	*1.48*	89	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Town of Porter

Job Number: 510-28439-1

Method Blank - Batch: 510-35249

Method: SM 2540D
Preparation: N/A

Lab Sample ID: MB 510-35249/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/25/2008 1021
Date Prepared: N/A

Analysis Batch: 510-35249
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 500 mL

Analyte	Result	Qual	RL
Total Suspended Solids	<1.0		1.0

Lab Control Spike - Batch: 510-35249

Method: SM 2540D
Preparation: N/A

Lab Sample ID: LCS 510-35249/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/25/2008 1021
Date Prepared: N/A

Analysis Batch: 510-35249
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 500 mL

Analyte	*Spike Amount*	*Result*	*% Rec.*	*Limit*	*Qual*
Total Suspended Solids	400	413	103	80 - 120	

Duplicate - Batch: 510-35249

Method: SM 2540D
Preparation: N/A

Lab Sample ID: 510-28439-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/25/2008 1023
Date Prepared: N/A

Analysis Batch: 510-35249
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 500 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Suspended Solids	160	160	3	5	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Town of Porter

Job Number: 510-28439-1

Method Blank - Batch: 510-35320

Method: SM 2540D
Preparation: N/A

Lab Sample ID: MB 510-35320/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/26/2008 0930
Date Prepared: N/A

Analysis Batch: 510-35320
Prep Batch: N/A
Units: mg/L

Instrument ID: Solids Balance
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 500 mL

Analyte	*Result*	*Qual*	*RL*
Total Suspended Solids	<1.0		1.0

Lab Control Spike - Batch: 510-35320

Method: SM 2540D
Preparation: N/A

Lab Sample ID: LCS 510-35320/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/26/2008 0930
Date Prepared: N/A

Analysis Batch: 510-35320
Prep Batch: N/A
Units: mg/L

Instrument ID: Solids Balance
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 500 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Suspended Solids	400	396	99	80 - 120	

Duplicate - Batch: 510-35320

Method: SM 2540D
Preparation: N/A

Lab Sample ID: 510-28439-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/26/2008 0931
Date Prepared: N/A

Analysis Batch: 510-35320
Prep Batch: N/A
Units: mg/L

Instrument ID: Solids Balance
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 500 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Suspended Solids	220	216	4	5	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Town of Porter

Job Number: 510-28439-1

Method Blank - Batch: 510-35382

Method: SM 2540D
Preparation: N/A

Lab Sample ID: MB 510-35382/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/27/2008 0912
Date Prepared: N/A

Analysis Batch: 510-35382
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 500 mL

Analyte	Result	Qual	RL
Total Suspended Solids	<1.0		1.0

Lab Control Spike - Batch: 510-35382

Method: SM 2540D
Preparation: N/A

Lab Sample ID: LCS 510-35382/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/27/2008 0912
Date Prepared: N/A

Analysis Batch: 510-35382
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 500 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Suspended Solids	401	412	103	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Login Sample Receipt Check List

Client: Town of Porter

Job Number: 510-28439-1

Login Number: 28439
Creator: Conner, Christine A
List Number: 1

List Source: TestAmerica Valparaiso

Question	*T / F/ NA*	*Comment*
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

2400 Cumberland Drive
Valparaiso, IN 46383
Phone (219) 464-2389 Fax (219) 462-2953

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Jerry Huber	Lab PM: Mockler, Diana J	Carrier Tracking No(s):	COC No: 510-5937.1
Client Contact: Mr. Karl Bauer	Phone:	E-Mail: diana.mockler@testamericainc.com		Page: Page 1 of 1
Company: Town of Porter				Job #:
Address: 850 Beam Street	Due Date Requested:	Analysis Requested		
City: Porter	TAT Requested (days):			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA; M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: IN, 46304	PO #: Purchase Order not requir			Other:
Phone:	WO #:			
Email: kbauer1029@yahoo.com	Project #: 51000740			
Project Name: Town of Porter	SSOW#:			
Site:				

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wwater, Ssolid, Oowaste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	350.1, 365.1	160.2 - Total Suspended Solids	405.1 - Biochemical Oxygen Demand	Total Number of containers	Special Instructions/Note:
			Preservation Code					N	N		
28439-1 Franklin	6/23/08	1318	G	Water			✓	✓	✓		
-2 Marquardt		1305		Water							
-3 23rd & Union		1329		Water							
-4 23rd & Morgan		1338		Water							
-5 Porter Cove		1350		Water			✓	✓	✓		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by: Jerry Huber	Date/Time: 6/23/08 1420	Company: Test America	Received by: Job Rucht	Date/Time: 6/23/08 1420	Company: Test America	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:			

TOWN OF PORTER SEPTIC TANKS PUMPED 2008

	2008
1088 JEAN BATISTE	3/31/2008
1380 WAGNER	3/31/2008
297 ARBRE CROUCH CT	3/31/2008
307 Parc ux vaches	3/31/2008
1401 WAGNER	3/31/2008
425 SIX BOX LANE	5/12/2008
1400 WAGNER ROAD	6/18/2008