

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Tel: (850)474-1001

TestAmerica Job ID: 400-127806-1

TestAmerica SDG: Government St. between Clubbs St. & Coyle St.

Client Project/Site: Corinne Jones Park

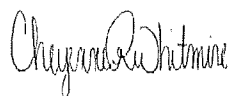
For:

Radford and Nix Construction, LLC

7014 Pine Forest Road

Pensacola, Florida 32526

Attn: Stephen Nix



Authorized for release by:

10/9/2016 10:12:11 PM

Cheyenne Whitmire, Project Manager II

(850)471-6222

cheyenne.whitmire@testamericainc.com

### LINKS

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[www.testamericainc.com](http://www.testamericainc.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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## Method Summary

Client: Radford and Nix Construction, LLC  
Project/Site: Corinne Jones Park

TestAmerica Job ID: 400-127806-1  
SDG: Government St. between Clubbs St. & Coyle St.

Method	Method Description	Protocol	Laboratory
8081A	Organochlorine Pesticides (GC)	SW846	TAL PEN

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

## Sample Summary

Client: Radford and Nix Construction, LLC  
Project/Site: Corinne Jones Park

TestAmerica Job ID: 400-127806-1  
SDG: Government St. between Clubbs St. & Coyle St.

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-127806-1	SOUTH WEST PORTION OF SITE	Solid	09/27/16 14:22	09/27/16 14:42

## Client Sample Results

Client: Radford and Nix Construction, LLC  
Project/Site: Corinne Jones Park

TestAmerica Job ID: 400-127806-1  
SDG: Government St. between Clubbs St. & Coyle St.

Client Sample ID: SOUTH WEST PORTION OF SITE

Lab Sample ID: 400-127806-1

Date Collected: 09/27/16 14:22

Matrix: Solid

Date Received: 09/27/16 14:42

Method: 8081A - Organochlorine Pesticides (GC)									
Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	0.00022	U	0.0017	0.00022	mg/Kg		10/04/16 09:17	10/05/16 14:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	100		26 - 129				10/04/16 09:17	10/05/16 14:50	1
Tetrachloro-m-xylene	76		31 - 122				10/04/16 09:17	10/05/16 14:50	1

## Definitions/Glossary

Client: Radford and Nix Construction, LLC  
Project/Site: Corinne Jones Park

TestAmerica Job ID: 400-127806-1  
SDG: Government St. between Clubbs St. & Coyle St.

### Qualifiers

#### GC Semi VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
■	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

## Lab Chronicle

Client: Radford and Nix Construction, LLC  
Project/Site: Corinne Jones Park

TestAmerica Job ID: 400-127806-1  
SDG: Government St. between Clubbs St. & Coyle St.

**Client Sample ID: SOUTH WEST PORTION OF SITE**

**Lab Sample ID: 400-127806-1**

Date Collected: 09/27/16 14:22

Matrix: Solid

Date Received: 09/27/16 14:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			325227	10/04/16 09:17	RDT	TAL PEN
Total/NA	Analysis	8081A		1	325465	10/05/16 14:50	AM	TAL PEN

**Laboratory References:**

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

TestAmerica Pensacola

## QC Association Summary

Client: Radford and Nix Construction, LLC  
Project/Site: Corinne Jones Park

TestAmerica Job ID: 400-127806-1  
SDG: Government St. between Clubbs St. & Coyle St.

### GC Semi VOA

#### Prep Batch: 325227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-127806-1	SOUTH WEST PORTION OF SITE	Total/NA	Solid	3546	
MB 400-325227/6-A	Method Blank	Total/NA	Solid	3546	
LCS 400-325227/5-A	Lab Control Sample	Total/NA	Solid	3546	

#### Analysis Batch: 325465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-127806-1	SOUTH WEST PORTION OF SITE	Total/NA	Solid	8081A	325227
MB 400-325227/6-A	Method Blank	Total/NA	Solid	8081A	325227
LCS 400-325227/5-A	Lab Control Sample	Total/NA	Solid	8081A	325227



## QC Sample Results

Client: Radford and Nix Construction, LLC  
Project/Site: Corinne Jones Park

TestAmerica Job ID: 400-127806-1  
SDG: Government St. between Clubbs St. & Coyle St.

### Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 400-325227/6-A  
Matrix: Solid  
Analysis Batch: 325465

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 325227

Analyte	MB MB		PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
gamma-BHC (Lindane)	0.00022	U	0.0017	0.00022	mg/Kg		10/04/16 09:17	10/05/16 12:38	1
Surrogate	MB MB		Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
DCB Decachlorobiphenyl	76		26 - 129				10/04/16 09:17	10/05/16 12:38	1
Tetrachloro-m-xylene	71		31 - 122				10/04/16 09:17	10/05/16 12:38	1

Lab Sample ID: LCS 400-325227/5-A  
Matrix: Solid  
Analysis Batch: 325465

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 325227

Analyte		Spike Added	LCS LCS		Unit	D	%Rec	Limits	
			Result	Qualifier					
gamma-BHC (Lindane)		0.0333	0.0276		mg/Kg		83	50 - 148	
Surrogate	LCS LCS		Limits						
	%Recovery	Qualifier							
DCB Decachlorobiphenyl	97		26 - 129						
Tetrachloro-m-xylene	81		31 - 122						

TestAmerica Pensacola  
3355 McLemore Drive  
Pensacola, FL 32514  
Phone (850) 474-1001 Fax (850) 478-2671

## Chain of Custody Record

**TestAmerica**  
THE LEADER IN ENVIRONMENTAL TESTING

<b>Client Information</b> Client Contact: <b>STEPHEN NIX</b> Address: <b>7014 PINE FOREST ROAD</b> City: <b>PENSACOLA</b> State, Zip: <b>FL 32526</b> Phone: <b>850 944 8296</b> Email: <b>SNIX_RNC@BELLSOUTH.NET</b> Project Name: <b>Lindane</b> Site: <b>CORINNE JONES PARK</b> <b>GOVERNMENT ST. BETWEEN</b> <b>CLUBS ST. &amp; COYLE ST.</b>		<b>Sampler:</b> <b>STEPHEN NIX</b> <b>Phone:</b> <b>850 393 6785</b> <b>Lab Pmt:</b> <b>Whitmore, Cheyenne R</b> <b>E-Mail:</b> <b>cheyenne.whitmore@testamerica.com</b>		<b>Carrier Tracking No(s):</b> <b>COC No:</b> 400-58850-25292.1 <b>Page:</b> Page 1 of 1 <b>Job #:</b>	
<b>Due Date Requested:</b> <b>TAT Requested (days):</b> <b>PO #:</b> <b>Advance Payment Required</b> <b>IWO #:</b> <b>Project #:</b> 40000271 <b>SSOW#:</b>		<b>Analysis Requested</b>			
<b>Sample Identification</b> <b>South West Portion of Site</b>		<b>Sample Date</b> <b>9-27-16</b>		<b>Sample Time</b> <b>2:22</b>	
<b>Sample Type</b> <b>(C=comp, G=grab)</b>		<b>Sample</b> <b>Time</b>		<b>Matrix</b> <b>(Weaver, Solid, One-tissue, etc.)</b>	
<b>Preservation Code</b> <b>0001A - Lindane</b>		<b>Performance/MSD (Yes or No)</b>		<b>High/Low Sample (Yes or No)</b>	
<b>Special Instructions/Note:</b>		<b>Total Number of Containers</b>		<b>Preservation Codes:</b> A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anchor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
<b>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</b> <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months		<b>Special Instructions/QC Requirements:</b>			
<b>Possible Hazard Identification</b> <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		<b>Deliverable Requested: I, II, III, IV, Other (specify)</b>			
<b>Empty Kit Relinquished by:</b>		<b>Date:</b>		<b>Method of Shipment</b>	
<b>Relinquished by:</b> <b>STEPHEN NIX</b>		<b>Date/Time:</b> <b>9-27-16 2:42</b>		<b>Received by:</b> <b>RAFFORD NIX</b>	
<b>Relinquished by:</b>		<b>Date/Time:</b>		<b>Received by:</b>	
<b>Relinquished by:</b>		<b>Date/Time:</b>		<b>Received by:</b>	
<b>Custody Seals Intact</b> <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Custody Seal No.:</b>		<b>Cooler Temperature(s) °C and Other Remarks:</b> <b>17.5° C IPS</b>	

## Login Sample Receipt Checklist

Client: Radford and Nix Construction, LLC

Job Number: 400-127806-1

SDG Number: Government St. between Clubbs St. & Coyle St.

Login Number: 127806

List Source: TestAmerica Pensacola

List Number: 1

Creator: Hughes, Nicholas T

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
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	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	17.5°C IR-5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

## Certification Summary

Client: Radford and Nix Construction, LLC  
Project/Site: Corinne Jones Park

TestAmerica Job ID: 400-127806-1  
SDG: Government St. between Clubbs St. & Coyle St.

### Laboratory: TestAmerica Pensacola

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40150	06-30-17
Arizona	State Program	9	AZ0710	01-11-17
Arkansas DEQ	State Program	6	88-0689	09-01-17
California	ELAP	9	2510	03-31-18
Florida	NELAP	4	E81010	06-30-17
Georgia	State Program	4	N/A	06-30-17
Illinois	NELAP	5	200041	10-09-17
Iowa	State Program	7	367	07-31-16 *
Kansas	NELAP	7	E-10253	10-31-16
Kentucky (UST)	State Program	4	53	06-30-17
Kentucky (WW)	State Program	4	98030	12-31-16
Louisiana	NELAP	6	30976	06-30-17
Maryland	State Program	3	233	09-30-17
Massachusetts	State Program	1	M-FL094	06-30-17
Michigan	State Program	5	9912	05-06-17
New Jersey	NELAP	2	FL006	06-30-17
North Carolina (WW/SW)	State Program	4	314	12-31-16
Oklahoma	State Program	6	9810	08-31-17
Pennsylvania	NELAP	3	68-00467	01-31-17
Rhode Island	State Program	1	LAO00307	12-30-16
South Carolina	State Program	4	96026	06-30-16 *
Tennessee	State Program	4	TN02907	06-30-17
Texas	NELAP	6	T104704286-16-10	09-30-17
USDA	Federal		P330-16-00172	05-24-19
Virginia	NELAP	3	460166	06-14-17
Washington	State Program	10	C915	05-15-17
West Virginia DEP	State Program	3	136	06-30-17

\* Certification renewal pending - certification considered valid.

TestAmerica Pensacola