

## **APPENDIX D: RECORD OF CONSULTATION**

Individuals with an identified interest and expertise regarding the APE's potential for archaeological resources were contacted as part of this Phase IA (reconnaissance-level) archaeological survey. Information was requested regarding archaeological resources and potential for archaeological resources within the APE, and other thoughts and concerns relevant to the review process for the project. In addition, property owners and farmers were contacted for their specific knowledge of portions of the APE. As a result, the following persons and/or organizations were contacted requesting information on and possible impacts to historic resources:

Archaeologists and Historians:

Dr. Ian Burrow  
Hunter Research, Inc.  
609-695-0122 x 102

Contact: phone interview, October 14, 2008, log attached

Dr. Jay Custer  
Professor of Anthropology  
University of Delaware /UDCAR  
Newark, DE 19716  
302-831-2821, [jcuster@udel.edu](mailto:jcuster@udel.edu)

Contact: emails sent and received, December 2 and 4, 2008, interview December 18, 2008, log attached

Dr. Lu Ann De Cunzo  
Professor of Anthropology and American Material Culture  
University of Delaware  
Newark, DE 19716  
[decunzo@udel.edu](mailto:decunzo@udel.edu)  
302-831-1854

Contact: email sent: December 18, 2008, attached  
Response: see attached

Carol Ebright  
Maryland State Highway Administration  
707 North Calvert Street  
Baltimore, MD  
[CEbright@sha.state.md.us](mailto:CEbright@sha.state.md.us)

Contact: email sent: January 9, 2009, attached  
Response: see attached

Charles Fithian (DOS) [chuck.fithian@state.de.us]  
Delaware State Museum  
302 739-6402

Contact: email sent: December 17, 2008, attached  
Response: phone interview December 18, 2008, Phone log, attached

Darrin Lowery  
Chesapeake Watershed  
Archaeological Research Foundation, Inc.  
410-822-4737

Contact: phone interviews October 17, 2008, November 15, 2008 (with additional notes from a phone conversation 12/30/2008), phone logs are attached

Kimberly Morrell  
Formerly of Kise Straw & Kolodner , now with URS  
609-386-5444, 609-556-3604, [Kimberly\\_Morrell@URSCorp.com](mailto:Kimberly_Morrell@URSCorp.com)

Contact: phone interview, September 23, 2008, phone log, attached

Christine Quinn, Historic Preservation Planner  
New Castle Department of Land Use  
302-395-5521

Contact: phone interview, January 5, 2009, phone log, attached

Dr. John Seidel  
Washington College  
[jseidel2@washcoll.edu](mailto:jseidel2@washcoll.edu)

Contact: email sent, January 9, 2009 (see attached), phone messages left, no response

Raymond Whritenour  
Lenape linguistic scholar  
[n977@msn.com](mailto:n977@msn.com)

Contact: email, November 19, 2008, email attached

Property Owner Interviews:

Theresa and David Beste  
Owners, Parcels 115, 123, 124 (Veterinary Hospital)  
302-898-9848

Contact: phone and interview, November 6 and 11, 2008, interview log attached

Dennis Clay  
Farmer, Parcels 118, 134, 136, 137  
302-598-665  
Contact: phone interview, November 5 and 10, 2008, phone log attached

Butch  
Nephew of Danny Casapulla, Owner, Parcel 134  
Contact: met on site, November 11, 2008, interview log attached

Chester (and Bonnie) Martin  
Owner, Parcel 135  
302-299-9869

Contact: phone and interview, November 10 and 11, 2008, phone and interview logs attached

Jimmy Money, part of the family that owns Polk house (parcel 136)  
Money Farm market

Contact: met on site October 17, 2008. Mr. Money did not know of any resources within his property; notes on contact attached

Sam Shahan  
Owner, Parcel 100  
302-378-4047

Contact: interview, November 14, 2008, interview logs attached

## Telephone Log

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Date: October 14, 2008

Project No./Name: 2008-117DE

---

Staff Name: Ilene Grossman-Bailey

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Contact: Ian Burrow

Contact Organization: Hunter Research

Contact Phone No.: 609-695-0122 x 102

Contact Fax No.:

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Comments: Dr. Burrow was contacted about Appoquinimink School site per recommendation of Gwen Davis and David Clarke. Dr. Burrow did not recall the site but after examining Hunter's files he found that Hunter had begun a Phase IA survey, which was cancelled by the client and no further work was done and no report completed. The project number is 2004-022. The project files are in a storage facility and could be checked if needed. He would find out if Sue Ferenbach, a Hunter employee from the area of the project, has any artifacts she collected from the site.

## Interview Log

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Date: December 16, 2008

Project No./Name: 2008-116/117DE

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Staff Name: Ilene Grossman-Bailey

---

Contact: Jay Custer

Contact Organization: University of DE /UDCAR

Contact Phone No.: 302-831-2821, [jcuster@udel.edu](mailto:jcuster@udel.edu)

Contact Fax No.:

---

I met with Jay Custer today 12/15/2008. My question was about the archaeological potential of the Levels Road Basin and Section 3/301 Mainline.

His comments were:

This area is called the Levels because it is so flat. He visited it in 1980 with Victor Carbone and Bill Gardner. Both felt this was a good area for Paleo-Indian sites and it was likely to have been grasslands during the time when the area was a mosaic of environmental settings. Custer thinks there is potential in this area for Aeolian soils, although they may only be still present in small patches. I told him Hays said we didn't have any Aeolian soils. He said Aeolian soils maybe present in thin lenses under the plowzone and may be discontinuous in this area.

He thinks the best potential in our APE is Levels Road Basin which he thought was a similar upland setting to that of Pollack. He thinks we have a lot of potential for small ephemeral sites, not so much for large sites.

He along with other archaeologists including Doug Kellogg produced a predictive model for various parts of the state including this part. It was produced using a multi-variate (8-variables) approach including slope, distance to surface water and wetlands. The model used satellite imaging and logistical regression in an ERDAS and early self-written version of GIS platform to determine high, medium and low probability for archaeological resources. Low probability was .5 or less so still worth testing. The U.S.G.S. map overlays produced by Doug are at DESHPO. The model found that distance to water and wetlands were the most critical variable (when they were removed the results changed drastically). He was critical of Marble's model and felt that they did not consider "where sites are NOT as well as where they are" a critical aspect of modeling" We looked at a Xerox copy of the map and found that there were several areas of high prob. in both the Levels Road Basin and the mainline. The southern portion of Levels Road was considered high probability. It would be good to test the model and see how well it predicts the presence of sites. It would be interesting to redo the model with modern GIS and satellite data and plug in what is now known about where sites were found and not found based on surveys conducted in various parts of the state.

In terms of sites in the Bohemia drainage, he said there was not much information beyond what was on the forms; sites were identified by Wilke and Thompson during their coastal survey and he looked at their collections. One exception was site 18CE155, excavated by Henry Ward- on his family members land. Ward's parents also owned land across from Herring Island where he excavated. Various sites on the Sassafras River - Custer excavated Arrowhead Farm, a large late Woodland site. Late Woodland sites like those near Still Pond, an estuary of the Chesapeake, are close to water. People have been looking for the Tockwough (Tock-wah) palisaded village discussed by Smith. Custer does not know of any Contact period sites in our APE or the vicinity.

He recommended I ask Henry Ward or Dennis Curry about collectors. He recommended I look at the 896 survey by Jonathan Lothrop to see a survey in the Mid-Peninsular Drainage divide and read the Brennan site report. He thinks the MPDD has a lot of potential for sites, but has not been well surveyed. Michael Stewart ran the 1978 (Gardner and Stewart) survey of the Appoquinimink sewer; asked Michael about that project. Custer is interested in our results and would like to visit when we are in the field if possible.

JCusteremail1

From: j.custer@UDel.Edu  
Sent: Tuesday, December 02, 2008 12:13 AM  
To: Ilene  
Subject: Re: DelDOT Route 301 project archaeology

Ilene,

Sorry I missed your call. I was talking with a student out in the lab and didn't hear the phone. I'd be glad to talk with you about potential site locations in your project areas. If you would like to stop for a visit some time, that would be fine. Do you remember the Sandy Brae building? (It was off Elkton Road just a little west of the main campus.) If you like, we could meet there some time. Or, you could come to my office on campus.

To my knowledge, not much has been done in the area of the project area. I agree with your initial assessment that there would mainly be small procurement sites, but there could be some larger ones at stream confluences. Also, any bay/basin features or small wetlands could have earlier sites (Middle Archaic and older). There is a pretty good survey of the upper Choptank in Maryland that Maureen Kavanagh did 20 years ago or so that might be of interest. We also did a whole series of LANDSAT-based predictive models that the DE SHPO office has. I think they would cover this area.

Let me know if you want to stop by so we can pick a time.

Jay

JCusteremail2

From: jcluster@UDel.Edu  
Sent: Thursday, December 04, 2008 7:49 PM  
To: Ilene Grossman-Bailey  
Subject: RE: DelDOT Route 301 project archaeology

Ilene,

I would be able to meet with you in the morning on Tuesday 12/16 at Sandy Brae. The address to put into mapquest is 117 Sandy Drive, Newark. Please let me know what time you can be there.

Doug Kellogg worked on two modeling projects while he was here at U of DE. One was to apply a prehistoric logistical regression LANDSAT-based predictive model to the entire state below the Fall Line and make predictive overlays for all 7.5' USGS quads for the SHPO office. They have copies of the overlays and I have some copies as well. The model he used was one I and others had developed long before he came here. We (a bunch of remote sensing guys and I) had an article on it published in American Antiquity in the early to mid 1980s. Doug also worked on a historic site predictive model for several areas which may have included an early 301 section, but nothing ever really came of that while he was here. He also did some wetland mapping work with LANDSAT (or the thematic mapper) but there was no archaeological component to that work.

Jay

I'm not sure if we have seen your model; I have seen the one done by Doug Kellogg for the 301 corridor and various other things. It would be great to talk to you some time and it's very nice of you to invite me.

Next Tuesday, Thursday, or Friday (12/9, 12/11, or 12/12) morning could work for me or Tuesday, Wednesday, or Friday (12/16, 12/18, or 12/19) of the following week. I'd be happy to come to Sandy Brae if that works better. I remember generally where it is (you'll have to give me the address, though).

3-decunzo email

From: Ilene Grossman-Bailey  
Sent: Wednesday, December 17, 2008 11:33 AM  
To: 'decunzo@udel.edu'  
Subject: Project near Middletown DE  
Attachments: 301 mainline usgs.pdf; usgs.pdf

Dear Lu Ann,

I am working on a project for DelDOT - they are planning to expand/rebuild U.S. 301 from south of the C&D canal to just past the Maryland border. Our portion of it is in the Bohemia River drainage and extends from just southwest of Middletown to Maryland near Warwick (Please see attached figures).

I wondered if you would have time to talk briefly about this area and what you might think the potential would be for historic sites or if you know of any collectors in the area.

Could you let me know a good time and number to call you? Thanks, Ilene

Ilene Grossman-Bailey, Ph.D., RPA  
Senior Archaeologist  
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f-(609) 655-3050  
ibailey@richardgrubb.com  
www.richardgrubb.com

3a-Decunzo email 2

From: Lu Ann De Cunzo [decunzo@UDeI . Edu]  
Sent: Wednesday, January 21, 2009 5:12 PM  
To: Ilene Grossman-Bailey  
Subject: RE: Project near Middletown DE

Hi Ilene,

Thanks for your call earlier today and for sending along the maps. As I noted earlier, I have no specific experience with the project area, but I do agree that there is great potential for historical sites. The agricultural history suggests the possibility of tenant and various agricultural laborer residential sites, agricultural processing sites associated with peach industry and others, buried evidence of historical agricultural landscapes and agricultural practices.

Have you discovered any documentation re: early colonial to Revolutionary era sites? Especially for the 17th century sites, I'm sure you know that we've come to the conclusion that past testing practices likely missed them or that we didn't recognize them due to limited artifactual evidence appearing in Phase I tests.

I'm not sure that I have anything in particular to offer at this time, but please do let me know if I can help in any way. And thank you for keeping me in the loop. I am interested in any historical archaeological sites that you may find, and in being a part of future conversations re: research themes etc. for Phase II/III research.

Best,  
Lu Ann

Lu Ann De Cunzo, Ph.D., RPA  
Professor of Anthropology and American Material Culture  
University of Delaware  
Newark, DE 19716  
decunzo@udel . edu

From: Ilene Grossman-Bailey [mailto:ibailey@richardgrubb.com]  
Sent: Friday, January 16, 2009 5:36 PM  
To: Lu Ann De Cunzo  
Subject: RE: Project near Middletown DE

Lu Ann- I totally understand; I meant to get back to you sooner and I greatly appreciate you taking the time to talk to me. I will definitely call you next week to discuss it. In case I didn't send you a map, I will attach one. The area had been agricultural with little development until quite recently. We have a lot of mapping and other information about this area if you would like to see it,  
Thanks, Ilene

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From: Lu Ann De Cunzo [mailto:decunzo@UDeI .Edu]  
Sent: Friday, January 16, 2009 5:24 PM  
To: Ilene Grossman-Bailey  
Subject: RE: Project near Middletown DE

Dear Ilene,

Please accept my apologies not having responded to your message... end of semester, holidays, SHA...

Thanks for thinking of me re: the 301 project. I've had a few preliminary conversations with David Clarke and with Ian Burrow about it. The location and scale of the project present great opportunities to apply landscape archaeology perspectives that were not commonly used when the Rt. 1 overview studies were in progress.

Unfortunately, I am not familiar with the area you outlined below... but would be happy to talk to you about the project.

I will be in the office much of next week, at 302.831.1854; perhaps Wednesday would be the best day to reach me,

Best,  
Lu Ann

Lu Ann De Cunzo, Ph.D., RPA  
Professor of Anthropology and American Material Culture  
University of Delaware  
Newark, DE 19716  
decunzo@udel.edu

From: Ilene Grossman-Bailey [mailto:ibailey@richardgrubb.com]  
Sent: Wednesday, December 17, 2008 11:33 AM  
To: decunzo@udel.edu  
Subject: Project near Middletown DE  
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I wondered if you would have time to talk briefly about this area and what you might think the potential would be for historic sites or if you know of any collectors in the area. Could you let me know a good time and number to call you? Thanks, Ilene  
Ilene Grossman-Bailey, Ph.D., RPA  
Senior Archaeologist  
Richard Grubb & Associates, Inc.  
30 N. Main St.

3a-Decunzo email 2

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ibai ley@richardgrubb.com  
www.richardgrubb.com

4-Carol Ebright

From: Carol Ebright [CEbright@sha.state.md.us]  
Sent: Friday, January 09, 2009 2:17 PM  
To: Ilene Grossman-Bailey; Paul McEachen  
Cc: Clarke David S. (DelDOT); Melissa Blair  
Subject: RE: RT 301 DE - MD Archeology

Ilene, Thanks for the info. I would make sure you contact John Seidel at Washington College to make use of his predictive model stuff for Cecil County, as well as Darri n Lowery's Time of Dust monograph he did for MHT. Carol

From: Ilene Grossman-Bailey [mailto:ibailey@richardgrubb.com]  
Sent: Friday, January 09, 2009 11:14 AM  
To: Carol Ebright; Paul McEachen  
Cc: Clarke David S. (DelDOT); Davis Gwen (DOS); Bernardo Diane (DelDOT); Melissa Blair; Cunningham Kevin (DelDOT)  
Subject: RE: RT 301 DE - MD Archeology  
Hi Carol -

I am the principal investigator/archaeologist for the Route 301 project section 3 - from Middletown, New Castle County, DE to the project end in Election District 1, Cecil County, Maryland. I am attaching a USGS map that shows the project alignment. Thus far we have completed background research and field reconnaissance of the project area. The background research included primary and secondary historical sources and a review of archaeological site files and CRM reports on file with DESHPO and MHT. We are preparing a report that we will be submitting to DelDOT and we will send you a copy once DelDOT has reviewed it. The report will assess the archaeological potential of the project area in DE and MD. As a result of the assessment, we will be preparing a proposal for Phase IB archaeological research that will be done in the spring or summer of 2009.

The portion in Maryland is in the headwaters of the Sassafras River drainage but the majority of the project is in the Bohemia River drainage and we have compiled a GIS data base of the registered sites in the Bohemia drainage in order to understand the area. Little archaeological research has been done in this border area and not much has been done in this portion of the Mid Peninsular Drainage Divide. I would be happy to answer any questions you might have or provide additional information. In addition, if you have any thoughts about this area or suggestions about people, materials, or publications we consult I would be very interested in hearing about it.

Thanks, Ilene  
Ilene Grossman-Bailey, Ph.D., RPA  
Senior Archaeologist  
Richard Grubb & Associates, Inc.  
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ibailey@richardgrubb.com  
www.richardgrubb.com

4-Carol Ebright

From: Carol Ebright [mailto:CEbright@sha.state.md.us]  
Sent: Thursday, January 08, 2009 4:11 PM  
To: Paul McEachen  
Cc: Clarke David S. (Del DOT); Davis Gwen (DOS); Bernardo Diane (Del DOT); Melissa Blair; Cunningham Kevin (Del DOT); Ilene Grossman-Bailey  
Subject: RE: RT 301 DE - MD Archeology

Paul, We are very interesting in the details of what is transpiring on this project in MD, since we have virtually no information. Thanks, Carol  
Carol A. Ebright, Senior Archeologist  
Cultural Resources Section  
Project Planning Division  
Maryland State Highway Administration  
707 North Calvert St.  
Baltimore, MD 21202  
(410) 545-2879  
FAX 410-209-5046

From: Paul McEachen [mailto:pjmceachen@richardgrubb.com]  
Sent: Thursday, January 08, 2009 2:58 PM  
To: Cunningham Kevin (Del DOT); Ilene Grossman-Bailey  
Cc: Carol Ebright; Clarke David S. (Del DOT); Davis Gwen (DOS); Bernardo Diane (Del DOT); Melissa Blair  
Subject: RE: RT 301 DE - MD Archeology  
Hi Kevin,

Sure, I can send Carol an email if you like giving her a brief progress update.

Best regards,

Paul

From: Cunningham Kevin (Del DOT) [mailto:Kevin.Cunningham@state.de.us]  
Sent: Thursday, January 08, 2009 2:53 PM  
To: Paul McEachen; Ilene Grossman-Bailey  
Cc: Carol Ebright; Clarke David S. (Del DOT); Davis Gwen (DOS); Bernardo Diane (Del DOT); Melissa Blair  
Subject: RT 301 DE - MD Archeology

Hey Paul,  
As we talked about several months ago and again yesterday, now that you have some information, please keep Carol Ebright, MD State Highway Administration's Archeology

Group, updated, involved and informed on the archeological work you are conducting for the MD section of the 301 project. Carol will enjoy the work you have in progress. Melissa Blair is SHA's architectural historian and is aware that no historic standing structures are within the MD APE. Carol will in turn coordinate all the archeology information within her office with Julie, Richard, etc. She has a copy of the RT 301 MOA.

Thanks so much, Kevin

[http://www.sha.state.md.us/SHAServices/research/oppe/Program\\_Brochure.pdf](http://www.sha.state.md.us/SHAServices/research/oppe/Program_Brochure.pdf)

4-Carol Ebright

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4a-Carol Ebri ghta

From: Carol Ebri ght [CEbri ght@sha. state. md. us]  
Sent: Thursday, January 08, 2009 4:11 PM  
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Cc: Clarke David S. (Del DOT); Davi s Gwen (DOS); Bernardo Di ane (Del DOT); Mel i ssa Bl ai r; Cunn i ngham Kevi n (Del DOT); Il ene Grossman-Bai ley  
Subject: RE: RT 301 DE - MD Archeol ogy

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Carol A. Ebri ght, Seni or Archeol ogi st  
Cul tural Resources Secti on  
Project Pl anni ng Di vi si on  
Maryl and State Hi ghway Admi ni strati on  
707 North Calvert St.  
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FAX 410-209-5046

From: Paul McEachen [mai l to: pj mceachen@ri chardgrubb. com]  
Sent: Thursday, January 08, 2009 2:58 PM  
To: Cunn i ngham Kevi n (Del DOT); Il ene Grossman-Bai ley  
Cc: Carol Ebri ght; Cl arke Davi d S. (Del DOT); Davi s Gwen (DOS); Bernardo Di ane (Del DOT); Mel i ssa Bl ai r  
Subject: RE: RT 301 DE - MD Archeol ogy  
Hi Kevi n,

Sure, I can send Carol an email if you like giving her a brief progress update.

Best regards,

Paul

From: Cunn i ngham Kevi n (Del DOT) [mai l to: Kevi n. Cunn i ngham@state. de. us]  
Sent: Thursday, January 08, 2009 2:53 PM  
To: Paul McEachen; Il ene Grossman-Bai ley  
Cc: Carol Ebri ght; Cl arke Davi d S. (Del DOT); Davi s Gwen (DOS); Bernardo Di ane (Del DOT); Mel i ssa Bl ai r  
Subject: RT 301 DE - MD Archeol ogy

Hey Paul,  
As we talked about several months ago and again yesterday, now that you have some information, please keep Carol Ebri ght, MD State Hi ghway Admi ni strati on's Archeol ogy

Group, updated, involved and informed on the archeological work you are conducting for the MD section of the 301 project. Carol will enjoy the work you have in progress. Mel i ssa Bl ai r is SHA's archi tectural histori an and is aware that no histori c standing structures are within the MD APE. Carol will in turn coordinate all the archeology information within her office with Julie, Ri chard, etc. She has a copy of the RT 301 MOA.

Thanks so much, kevi n

[http://www.sha.state.md.us/SHAServices/research/oppe/Program\\_Brochure.pdf](http://www.sha.state.md.us/SHAServices/research/oppe/Program_Brochure.pdf)

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4a-Carol Ebrigha

explicit written agreement for this purpose has been made. If you are not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication or any of its contents is strictly prohibited. If you have received this communication in error, please re-send this communication to the sender indicating that it was received in error and delete the original message and any copy of it from your computer system.

5-ChuckFi thian email  
From: Fi thian Charles (DOS) [chuck.fi thian@state.de.us]  
Sent: Thursday, December 18, 2008 2:14 PM  
To: Ilene Grossman-Bailey  
Subject: RE: Project near Middletown DE

Ilene,  
Call anytime. My number here is 302 739-6402. Look forward to talking to you.

Chuck

From: Ilene Grossman-Bailey [mailto:ibailey@richardgrubb.com]  
Sent: Wednesday, December 17, 2008 11:41 AM  
To: Fi thian Charles (DOS)  
Subject: RE: Project near Middletown DE

Dear Chuck,

I am working on a project for DelDOT - they are planning to expand/rebuild U.S. 301 from south of the C&D canal to just past the Maryland border. Our portion of it is in the Bohemia River drainage and extends from just southwest of Middletown to Maryland near Warwick (Please see attached figures).

I wondered if you would have time to talk briefly about this area and what you might think the

potential would be for historic sites or if you know of any collectors in the area.

Could you let me know

a good time and number to call you? Thanks, Ilene

Ilene Grossman-Bailey, Ph.D., RPA

Senior Archaeologist

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## Telephone Log

---

Date: December 18, 2008

Project No./Name: 2008-116/117DE

---

Staff Name: Ilene Grossman-Bailey

---

Contact: Charles Fithian (DOS) [chuck.fithian@state.de.us]

Contact Organization: Delaware State Museum

Contact Phone No.: 302 739-6402

Contact Fax No.:

---

Comments: Mr. Fithian was contacted about potential for archaeological sites in the general area of the project. He said he didn't have any specific knowledge of sites in or near our APE. Lately he is learning that early Colonial sites can be found at the western end of the state not just the Delaware Bay. Herman shows a lot of Plantation sites on his 1673 map. Mr. Fithian suggested I check Jasper Danckaerts Journal from the 17<sup>th</sup> century. For example, the site near Kenyon that JMA is working on now. It has early ceramic types. He thinks we should be aware of the potential for early sites in the area. Our area is a "hole" in the research and not well studied. He'd be happy to look at any historic artifacts we find.

5b-Chuck Fi thian followup email

RE: Project near Middletown DE

Fi thian Charles (DOS) [chuck.fi thian@state.de.us]  
You replied on 12/19/2008 9:41 AM.  
Sent: Friday, December 19, 2008 8:21 AM  
To: Ilene Grossman-Bailey  
Cc: Guerrant Alice (DOS) [Alice.Guerrant@State.De.US]  
Attachments:

Ilene,

Thanks for letting me see the maps. I do not know of any sites in this area. I think you will encounter Native occupation for sure. Given the proximity to the Maryland/Chesapeake drainages, I also think that your field investigators need to be tuned in to the possibility of colonial occupation too. The location looks good for that type of resource being present. I suggest that you check (if you have not do so already) the 1670/73 Hermann map. It shows plantation locations well into interior settings along the Chesapeake drainages on the Eastern Shore. The map is generally considered to be accurate, and would be worth consulting.

Another person to speak with would be Alice Guerrant in the SHPO. She is very knowledgeable on site locations and may be able to contribute to your project. I have copied her so that she knows of our conversations.

Interesting project

Chuck Fi thian

From: Ilene Grossman-Bailey [mailto:ibailey@richardgrubb.com]  
Sent: Thursday, December 18, 2008 4:29 PM  
To: Fi thian Charles (DOS)  
Subject: RE: Project near Middletown DE

Chuck- Here are those maps I mentioned. Thanks for your help.  
Ilene

From: Ilene Grossman-Bailey  
Sent: Wednesday, December 17, 2008 11:41 AM  
To: 'Chuck.Fi thian@state.de.us'  
Subject: RE: Project near Middletown DE

Dear Chuck,

I am working on a project for DelDOT - they are planning to expand/rebuild U.S. 301 from south of the C&D canal to just past the Maryland border. Our portion of it is in the Bohemia River drainage and extends from just southwest of Middletown to Maryland near Warwick (Please see attached figures). I wondered if you would have time to talk briefly about this area and what you might think the potential would be for historic sites or if you know of any collectors in the area. Could you let me know a good time and number to call you?

Thanks, Ilene

Ilene Grossman-Bailey, Ph.D., RPA  
Senior Archaeologist

5b-Chuck Fi thian followup email  
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## Telephone Log

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Date: October 17, 2008

Project No./Name: 2008-117DE

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Staff Name: Jesse Walker

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Contact: Darrin Lowery

Contact Organization: Chesapeake Watershed Archaeological Research Foundation, Inc.

Contact Phone No.: 410-822-4737

Contact Fax No.:

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Comments: Darrin Lowery contacted Mr. Walker regarding a recent archaeological investigation conducted in Virginia. Mr. Walker mentioned that Richard Grubb & Associates was working on a Phase IA archaeological survey near Middletown, Delaware for DELDOT and asked Mr. Lowery about archaeological resources in the area. Mr. Lowery indicated that the Bohemia River Basin produced a limited number of fluted projectile points. The amount of fluted points from this portion of the Delmarva Peninsula is more limited than other portions of the peninsula. He thought this was due to steeper gradient of the landscape within the Bohemia River drainage and the northern portion of the Delmarva Peninsula, which creates less opportunities for perched water tables and poorly drained interior wetlands. In contrast, in other portions of the Delmarva Peninsula, the gradient is more gradual, resulting in more wetlands and creating more settings that would have been attractive during the Paleo-Indian period. Mr. Lowery indicated that he examined a large artifact collection from Frank Howard's farm in Cecil County, Maryland. Mr. Howard's farm is located near the mouth of the East River (i.e., the end of the Chesapeake & Delaware Canal). Mr. Howard's farm is located near Herring Island, an hypothesized source for ironstone. However, the collection did not contain alot of ironstone and Iron Hill jasper was also uncommon.

## Telephone Log

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Date: November 15, 2008 (with additional Notes from 12/30/2008)      Project No./Name: 2008-117DE

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Staff Name: Ilene Grossman-Bailey

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Contact: Darrin Lowery

Contact Organization: Chesapeake Watershed Archaeological Research Foundation, Inc.

Contact Phone No.: 410-822-4737

Contact Fax No.:

---

Comments: Mr. Lowery was contacted about the potential for prehistoric sites in the APE and surrounding area. He indicated that not much information was available for this area. The landforms may be too recent for deeply buried deposits or Paleo Indian sites. He thinks it likely we will find something.

Headwater areas in some parts of the Delmarva could be very rich for sites.

For example the area around Millington/Blackbird, near the headwaters of the Chester, etc. there are a lot of poorly drained areas with sandy ridges. Of 300 acres, 200 were poorly drained with 14 well-drained and sandy ridges. All of the ridges had large amounts of material. Early Archaic, lots of Middle and Late Archaic, a little Woodland, and a little Paleo-Indian. There is a pattern that there are less poorly drained soils as you go up the peninsula.

He recommends Carol Ebright's model from work in Kent Co., MD. At an interfluvial setting in the headwaters of the Chester and Sassafras, a lot of white quartz artifacts were found.

In terms of the previous research done by Wilke and Thompson in the Bohemia River drainage they surface collected artifacts on the shorelines and their locations or site types are not too accurate. Land forms may vary somewhat seasonally. Later Custer took their data and completed site forms but didn't field check any sites.

He is testing his model on the Sassafra River. For the last 4 years they have been surveying portions of the Sassafra depending on where farmers plow in a given year. Approximately 3,000 acres have been surveyed, with 77 sites found. All were on well drained uplands near poorly drained soils. Some Early Archaic, the bulk of the sites are Late Archaic/Early Woodland/Middle Woodland, only 1 with Fox Creek and only one LW site on the N. shore. Two sites had trade beads, including one that is close to U.S. Route 301.

Asked about Tockwough, he said they found no evidence for palisaded sites, thinks they were not eating oysters. No oysters except at the mouth of the Sassafra – too low salinity, maybe they were agriculturalists, maybe remnant Shenks Ferry people. Smith says it was 7 miles up the river but doesn't know where.

In terms of collectors, Frank Howard, a descendant of Augustin Herrman, has 1,000 acres near the C&D canal. He lives in an 18<sup>th</sup> century house across from Herring Island (owns Herring Island). He's found 600-700 points and less than 10 were of ironstone despite the close ironstone source. Stone used included quartz, quartzite, chert, pebble jasper. He thinks people continue to discount the importance of cobble sources.

## Telephone Log

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Date: September 23, 2008

Project No./Name: 2008-117DE

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Staff Name: Ilene Grossman-Bailey

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Contact: Kimberly Morrell

Contact Organization: Formerly of KSK, now with URS

Contact Phone No.: 609-386-5444, 609-556-3604, Kimberly\_Morrell@URSCorp.com

Contact Fax No.:

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Comments: Ms. Morrell was contacted regarding KSK's survey of Choptank Road for DelDOT near the APE and excavations of sites within that corridor per recommendation of Gwen Davis and David Clarke. She indicated that there was a lot of archaeological potential in this drainage divide area for prehistoric sites and historic sites since it was settled so early. The KSK report had not been submitted to DelDOT but she might be able to send some pertinent sections or excerpts. She discussed a few of the sites known from that survey. Prehistoric sites were mostly fairly ephemeral.

More of a concentration of prehistoric materials was noted at the school site near the intersection of Bunker Hill and Choptank Road. Artifacts were not dense but varied in that area. The Bunker Hill Road site area was within 25 feet of the road margins since the project was limited; prehistoric artifacts were found on both sides of a little drainage, a channelized portion of Sandy Branch adjacent to the road.

They did a Phase II Survey on the Sharp Farm site and excavated 3 units in the narrow testing area; much of the site was outside the project area. The deposits were disturbed. Phase II on Wilson Farm located a significant site and a Phase III was performed (for which I have a management summary – no other report has been submitted). Bayard Farm site was significant but was avoided. She will think about any further information she has and will contact me with anything further. If the report is submitted to DelDOT, I can get a copy.

## Telephone Log

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Date: January 5, 2009

Project No./Name: 2008-116/117DE

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Staff Name: Ilene Grossman-Bailey

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Contact: Christine Quinn, Historic Preservation Planner

Contact Organization: New Castle Department of Land Use

Contact Phone No.: 302-395-5521

Contact Fax No.:

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Comments: Ms. Quinn was contacted about her knowledge of any resources within the project area. She indicated that care must be taken in areas where known historic structures are no longer extant and that HPO records be examined carefully but she did not have any specific information. She requested additional project mapping (which was sent) and said she would get back to me if she had any additional comments.

9-Email to John Seidel

From: Ilene Grossman-Bailey  
Sent: Friday, January 09, 2009 2:51 PM  
To: 'jseidel2@washcoll.edu'  
Subject: Archaeological Survey in New Castle  
and Cecil Counties -- DelDOT's Route 301 project  
Attachments: 301 mainline usgs.pdf

Hi John-

I am writing to ask your help with an archaeological survey I am doing in Delaware and a small part in Cecil County, Maryland per Carol Ebright's suggestion. I also know Bill Schindler quite well in case you want to know who I am.

Our project is mostly in the Bohemia River drainage and extends a little into the very headwaters of the Sassafras as you can see.

I did talk to Darren Lowery a couple times and he told me some stuff about your Sassafras River field school surveys – the general results of the surveys, areas covered, not finding the palisaded village of Tockwough (which would be really interesting to find!), and more.

Carol told me that you have been developing a predictive model for Cecil County that I should look at and I would very much like to. We did compile and map (in ArcView) locations of all registered sites in the Bohemia drainage so it would be interesting to compare to the ones you found in the Sassafras. I'd be happy to share it with you if it helps you.

I'd like to call you to talk to you about this or if you have anything you could send me, I'd appreciate it. I have your phone number from your website. Is there a good time I can call you? Thanks, Ilene

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9-Ray Whritenour email

Re: Meaning of word -

Wednesday, November 19, 2008 9:54 AM

From: "Raymond Whritenour" <n977@msn.com> View contact details

To: "Ilene"

<ilene\_b@yahoo.com>

Sorry, Ilene. Can't find any references to this in the standard placename literature. Not much on the internet, either. I would analyze it as: Opp- ('white') -oquer- ('wood' or 'tree') -mine ('fruit' or 'nut'). In Lenape: op-akw-min. Ray Whritenour

----- Original Message ----- From: Ilene To: Raymond Whritenour Sent: Wednesday, November 19, 2008 9:44 AM Subject: Re: Meaning of word Thanks Ray. Can you recommend any references? Ilene

--- In ASNJ@yahoogroups.com, "Raymond Whritenour" <n977@...> wrote:

>

> Ilene:

>

> To me, the etymology of this name looks like 'white-wood-fruit.' In

> Northern Unami (a related dialect), this would have referred to the

> nut of the 'water beech' or 'American sycamore' (Platanus

occidentalis).

> Of course, 'white-wood-fruit' may have referred to another type of tree

> (and its fruit) in whatever Algonquian language it once existed.

This is

> my best guess.

>

> Ray Whritenour

>

> ----- Original Message -----

> From: Ilene<mailto:ilene\_b@...>

> To: ASNJ@yahoogroups.com<mailto:ASNJ@yahoogroups.com>

> Sent: Tuesday, November 18, 2008 4:21 PM

> Subject: [ASNJ] Meaning of word

>

>

> Ray, Marshall or anyone?

>

> Does anyone know the meaning of the word "Oppoquermine?" This is

the

> original name of the Bohemia River in Maryland which flows into

the Elk

> River and the Chesapeake. I am not sure what language it would

be. Can

> you recommend any references? Thanks, Ilene

>

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9-Ray Whritenour email

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## Telephone Log

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Date: November 6, 2008

Project No./Name: 2008-116DE

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Staff Name: Ilene Grossman-Bailey

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Contact: Theresa Beste

Contact Organization: Owner, Parcels 115, 123, 124 (Veterinary Hospital)

Contact Phone No.: 302-898-9848

Contact Fax No.:

---

Comments: Ms. Beste was contacted about scheduling reconnaissance for Levels Road and the mainline. She had requested 48 hours notice. I explained that I would be doing a reconnaissance and no ground disturbances. Ms. Beste was very amenable to me coming and had no problems and thanked me for the advance notice. Ms. Beste is very interested in archaeology. She would like me to come and talk to her about what we know about the archaeology of the area. She asked if we had learned anything about an Indian burial ground nearby; there is a Mason-Dixon marker on her property. She is also interested in knowing Native American words for local features, ie. the Bohemia River.

## Interview Log

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Date: November 11, 2008

Project No./Name: 2008-116DE

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Staff Name: Ilene Grossman-Bailey

---

Contact: Theresa and Dr. David Beste

Contact Organization: Owner, Parcels 115, 123, 124 (Veterinary Hospital)

Contact Phone No.: 302-898-9848

Contact Fax No.:

---

Comments: gave Dr. and Mrs. Beste a copy of my access letter. They were concerned about bothering the horses or horses let out of fenced areas. I assured them I would not do that. I had not completed my examination of their property along existing U.S. Route 301 and told them I would be back Thurs. or Friday. They were ok with that. Ms. Beste is interested in learning about the rumored location of an Indian burial ground nearby; there is a Mason-Dixon marker on her property ("in the woods"). She is also interested in knowing what the word "Oppoquermine" means – another name for the Bohemia River.

## Telephone Log

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Date: November 5, 2008, Nov. 10, 2008

Project No./Name: 2008-117DE

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Staff Name: Ilene Grossman-Bailey

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Contact: Dennis Clay

Contact Organization: Farmer, Parcels 118, 134, 136, 137

Contact Phone No.: 302-598-0665

Contact Fax No.:

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Comments: Mr. Clay was contacted about scheduling the geoarchaeology and reconnaissance for Levels Road and the mainline. I explained the geoarchaeology process (dig 20 plus small holes with bucket auger and walkover). He indicated that he had less than 100 acres on his home farm and intended to harvest Levels Road (Poole Farm) next. He was “double cropping” – planting beans in a field where wheat was grown and harvested. He expects to harvest within two weeks weather permitting. He’s not planting any other crops this year. He is still angry about previous bad actions of other contractors- running over and ruining 7-8 acres without any prior notice or permission and “showing no respect for him or his work” but he is pleased that people are now calling and asking for permission to get access. He will call me when he harvests and let me know when we can get out there, possibly by 11/19 or so. He does not want us to do any digging until the crop is out of the field.

11/10-Dennis commented that the farm south of Middle Neck Road (Casapulas) where you see the two silos once had a barn, farmhouse no longer standing.

## Interview Log

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Date: November 11, 2008

Project No./Name: 2008-116DE

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Staff Name: Ilene Grossman-Bailey

---

Contact: Butch

Contact Organization: Nephew of Danny Casapulla, Owner, Parcel 134

Contact Phone No.:

Contact Fax No.:

---

Comments: gave Butch a copy of my access letter. He said he looked out for his uncle and he saw me parked in the driveway to the Casapulla farm. I had spoken to Dennis Clay previously. Butch was friendly, didn't know of any archaeological finds or historic resources

## Telephone Log

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Date: November 10, 2008

Project No./Name: 2008-116DE

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Staff Name: Ilene Grossman-Bailey

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Contact: Bonnie Martin

Contact Organization: Owner, Parcel 135

Contact Phone No.: 302-299-9869

Contact Fax No.:

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Comments: I called Bonnie to give her notice about doing a site visit on Tuesday. She was mostly concerned about her dog who just had an operation. The dog is inside but gets upset easily. I told her I would call right before I needed access.

## Interview Log

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Date: November 11, 2008

Project No./Name: 2008-116DE

---

Staff Name: Ilene Grossman-Bailey

---

Contact: Chester (and Bonnie) Martin

Contact Organization: Owner, Parcel 135

Contact Phone No.: 302-299-9869

Contact Fax No.:

---

I gave Chester a copy of my access letter. He is a nice man, resigned to having to move as a result of the highway project. He has lived the house for 25 years and never found any artifacts or anything. His house is dated to the 1960s.

5-money Contact with a property owner

From: Ilene Grossman-Bailey [ibailey@richardgrubb.com]  
Sent: Monday, October 20, 2008 4:34 PM  
To: amarteney@centuryeng.com; Clarke David S. (DelDOT)  
Cc: Paul McEachen  
Subject: RE: Contact with a property owner

Alan,

I understood you wanted an update on all property owner contact. I worked on the project field reconnaissance on Friday 10/17/2008. During this work, I met Jimmy Money, part of the family that owns of Money's Farm Market and the former Polk house along Route 301 (parcel 136 on the list?). I gave him the RGA entry letter and my card.

He was cordial to me and gave me permission to look around but told me he was opposed to the project. He doesn't think it is needed. He said he feels frustrated with a lack of information about the roadway and where it will be going on his property. He would like more information about the plans, timing, and where/who he can express his opinions. I told him generally where the road was going but did not have the maps with me (they were in my car) and did not show them. I probably will only need very limited further access to the property at this stage of research.

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## Interview Log

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Date: November 14, 2008

Project No./Name: 2008-116DE

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Staff Name: Ilene Grossman-Bailey

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Contact: Sam Shahan

Contact Organization: Owner, Parcel 100

Contact Phone No.: 302-378-4047

Contact Fax No.:

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I gave Sam a copy of my access letter. He is in his 80's and has lived in this area all his life. Sam worked for DelDOT for 15 years. He's upset about the monitoring wells and some not very courteous treatment he's received. He was visited by the architectural historians for this project and felt they were very nice and informative. His family has farmed the area for a long time. His father bought the farm from a Mr. Lewis. His father died intestate and Sam had to buy the farm back from the state.

In terms of resources, there is an "Indian Burial ground" in a three acre wooded area near the state line (and not in our APE). He never found any burials but there's a flat place where the plow slides over and it was referenced in an old book his daughter looked at and did research on. There is a Mason-Dixon marker in the woods near the state line. It is one of the ones with P on one side and M on the other, from when Delaware was part of PA. Mr. Lewis moved the marker from its original location. In the fields, Sam has found points, a hammerstone and other artifacts but doesn't have the artifacts any longer.