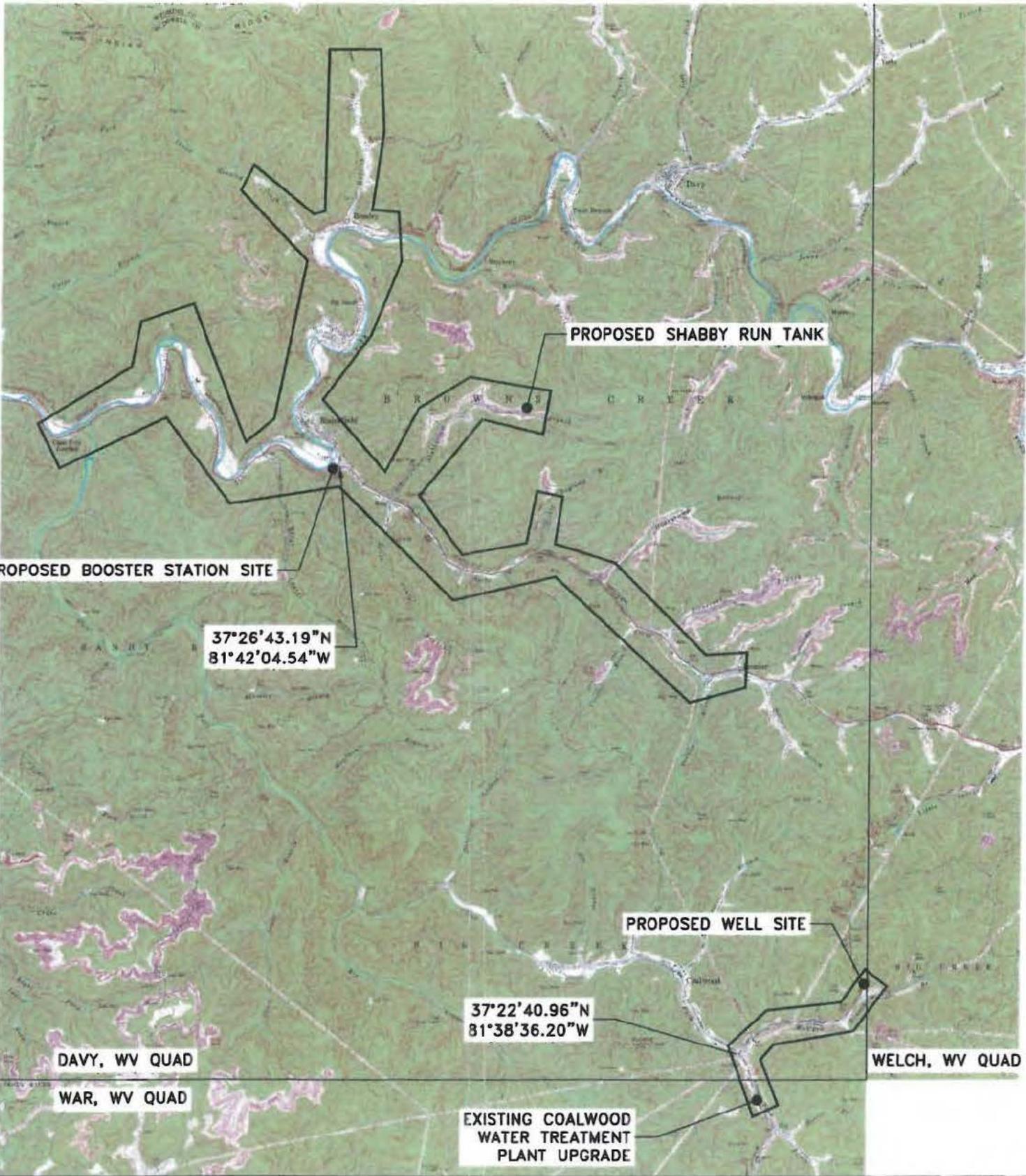
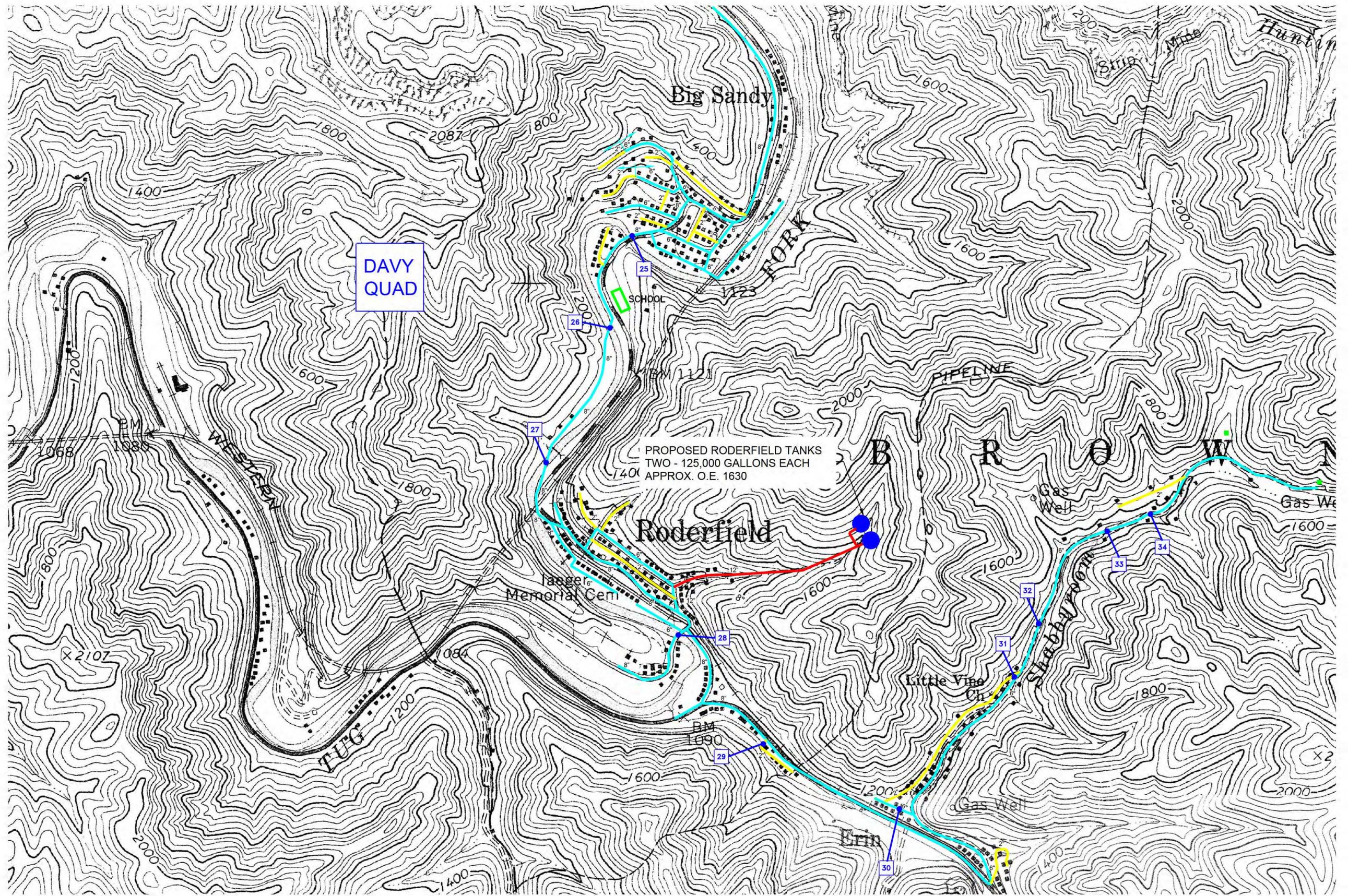


Appendix A
Exhibits



CAD FILE: R:\10-0425-Roderfield\Documents\Environmental_Report\Water_Line_Layout_Color.dwg
 PLOT DATE/TIME: 3/4/2013 - 9:58am
 USER: jboggs



LEGEND

- 2" WATERLINE
 - 6" WATERLINE
 - 8" WATERLINE
 - 12" WATERLINE
- 21 STREAM CROSSING NUMBER



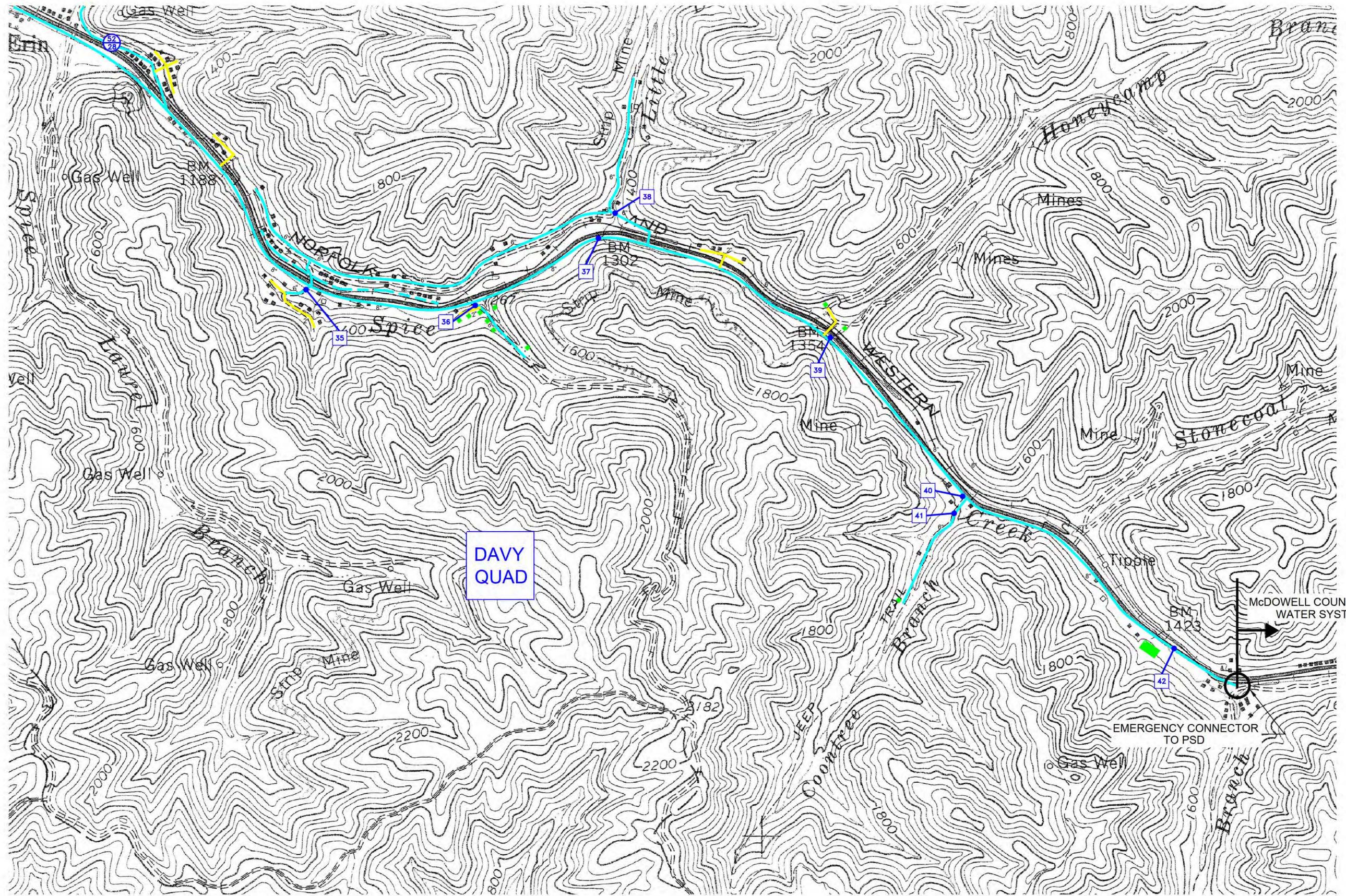
TOWN OF DAVY
ASCO - BIG SANDY WATER PROJECT
 McDOWELL COUNTY, WEST VIRGINIA

NO.	REVISIONS	DATE	BY

BIG SANDY
EXTENSION
LAYOUT

SHEET: 2 OF 3
 DATE: JANUARY, 2001
 DRAWN BY: JHV
 CHECKED BY:
 APPROVED BY:
 ACAD DIR: 0425
 ACAD FILE:
 PENTREE PROJ. NO.:
 SCALE: 1" = 500'

CAD FILE: R:\10-0425-Roderfield\Documents\Environmental_Report\Water_Line_Layout_Color.dwg
 USER: jboogs
 DATE: 3/4/2013 10:58:58 AM



McDOWELL COUNTY P.S.D.
WATER SYSTEM

EMERGENCY CONNECTOR
TO PSD

DAVY
QUAD

LEGEND	
	2" WATERLINE
	6" WATERLINE
	8" WATERLINE
	COUNTY ROUTE
	STREAM CROSSING NUMBER

Pentree Incorporated

 Consulting Engineers ©

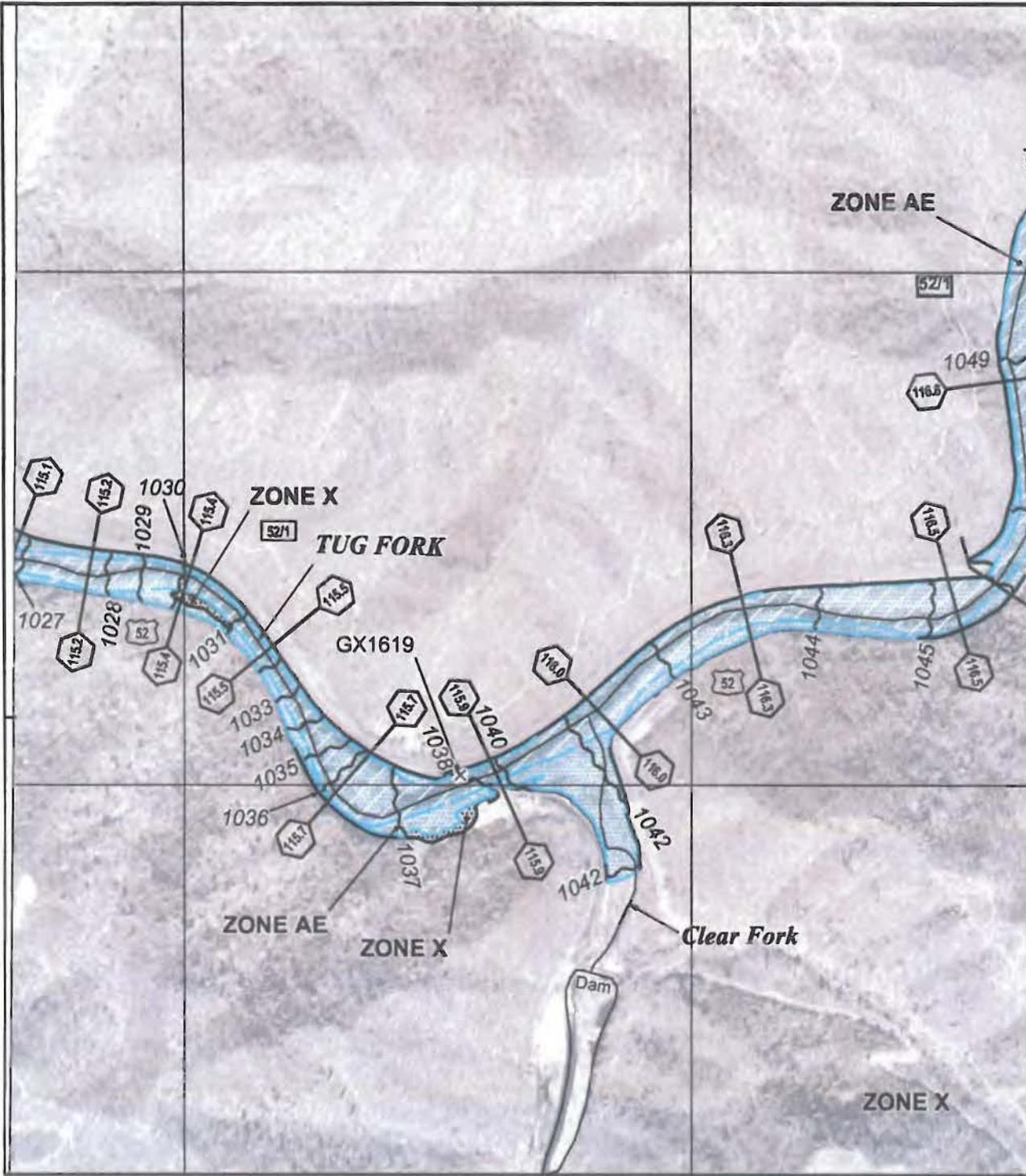
 PRINCETON, WEST VIRGINIA

TOWN OF DAVY
 ASCO – BIG SANDY WATER PROJECT
 McDOWELL COUNTY, WEST VIRGINIA

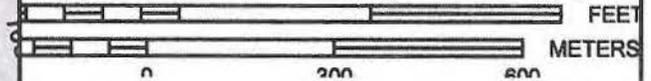
NO.	REVISIONS	DATE	BY

BIG SANDY
 EXTENSION
 LAYOUT

SHEET: 3 OF 3
 DATE: JANUARY, 2001
 DRAWN BY: JHV
 CHECKED BY:
 ACAD DIR: 0425
 ACAD FILE:
 PENTREE PROJ. NO.:
 SCALE: 1" = 500'
 © 2002, PENTREE, INC.



MAP SCALE 1" = 1000'



ZONE AE

PANEL 0155D

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

McDOWELL COUNTY,
WEST VIRGINIA
AND INCORPORATED AREAS

PANEL 155 OF 435

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
McDOWELL COUNTY	540114	0155	D

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

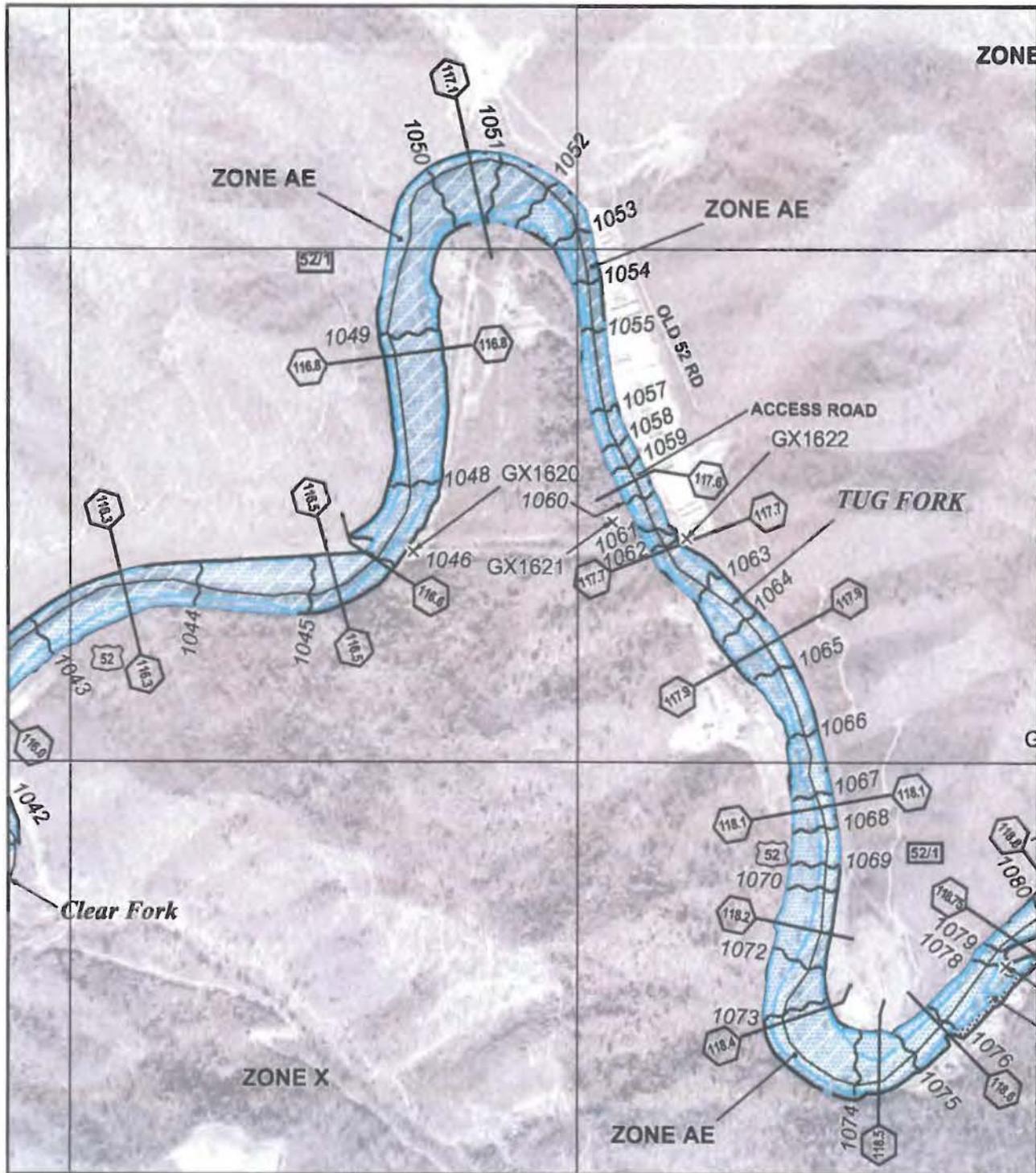
MAP NUMBER
54047C0155D



EFFECTIVE DATE
JUNE 16, 2005

Federal Emergency Management Agency

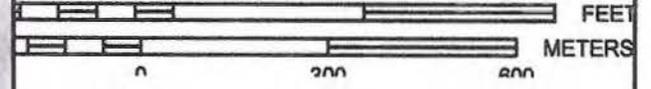
This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



ZONE



MAP SCALE 1" = 1000'
0 1,000 2,000



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0155D

FIRM
FLOOD INSURANCE RATE MAP

McDOWELL COUNTY,
WEST VIRGINIA
AND INCORPORATED AREAS

PANEL 155 OF 435

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
McDOWELL COUNTY	540114	0155	D

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

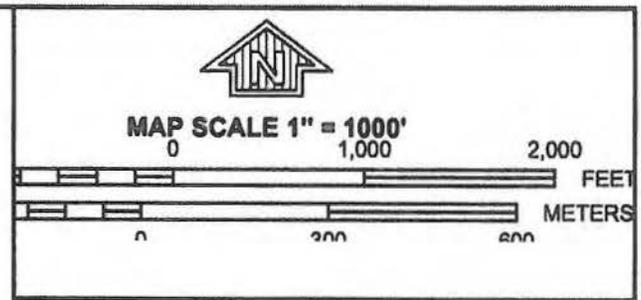
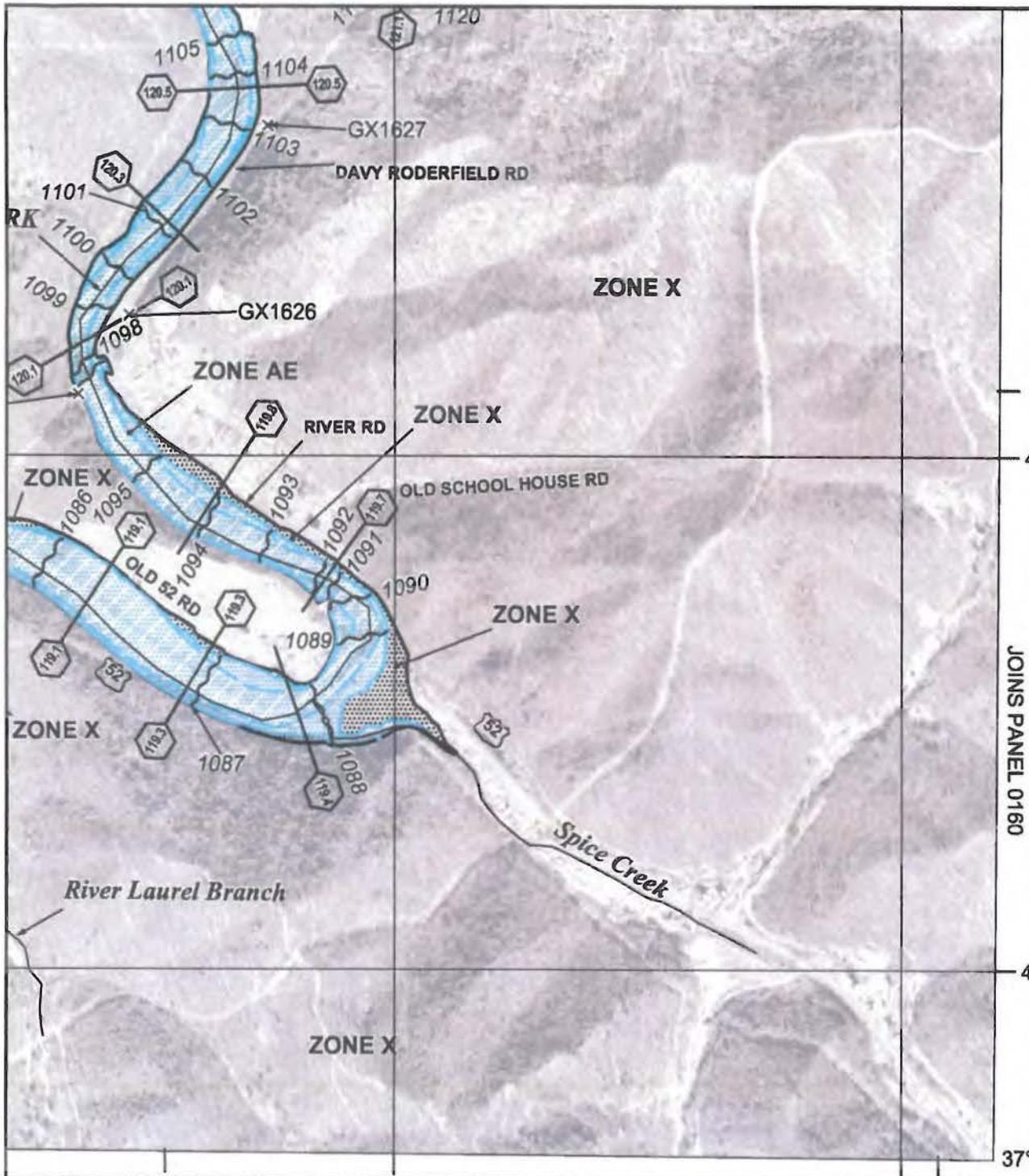


MAP NUMBER
54047C0155D

EFFECTIVE DATE
JUNE 16, 2005

Federal Emergency Management Agency

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PANEL 0155D

FIRM
FLOOD INSURANCE RATE MAP

**McDOWELL COUNTY,
WEST VIRGINIA
AND INCORPORATED AREAS**

PANEL 155 OF 435
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
McDOWELL COUNTY	540114	0155	D

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
54047C0155D

EFFECTIVE DATE
JUNE 16, 2005

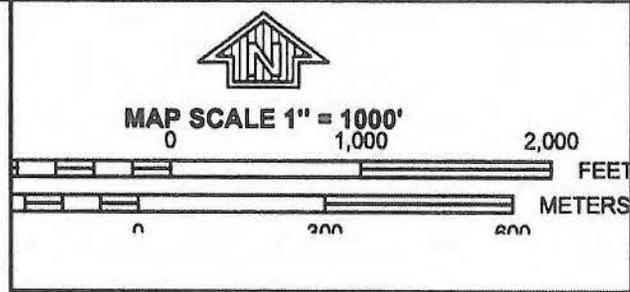
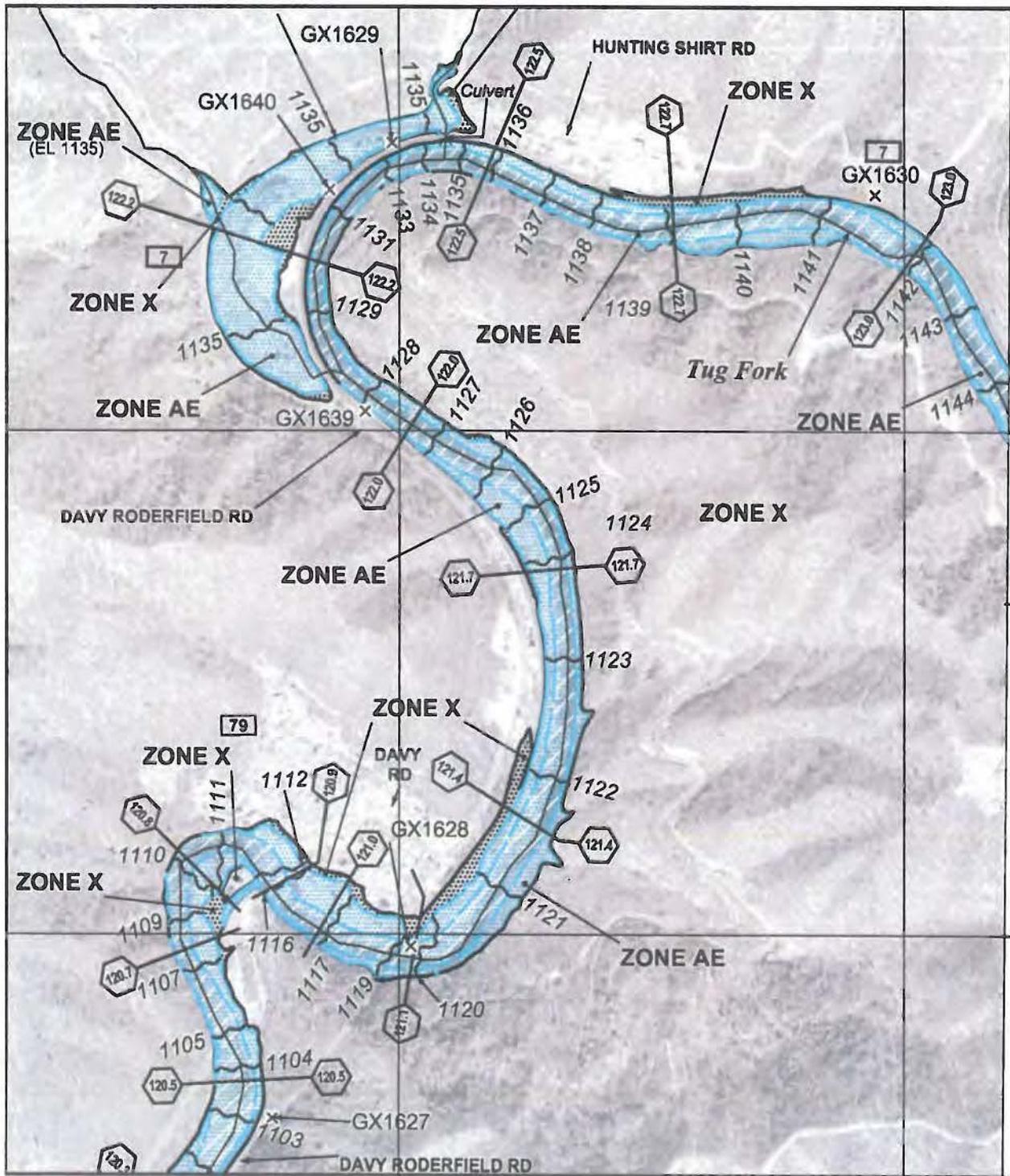
Federal Emergency Management Agency

NATIONAL FLOOD INSURANCE PROGRAM

JOINS PANEL 0160

37°

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0155D

FIRM
FLOOD INSURANCE RATE MAP

**McDOWELL COUNTY,
WEST VIRGINIA
AND INCORPORATED AREAS**

PANEL 155 OF 435

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
McDOWELL COUNTY	540114	0155	D

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

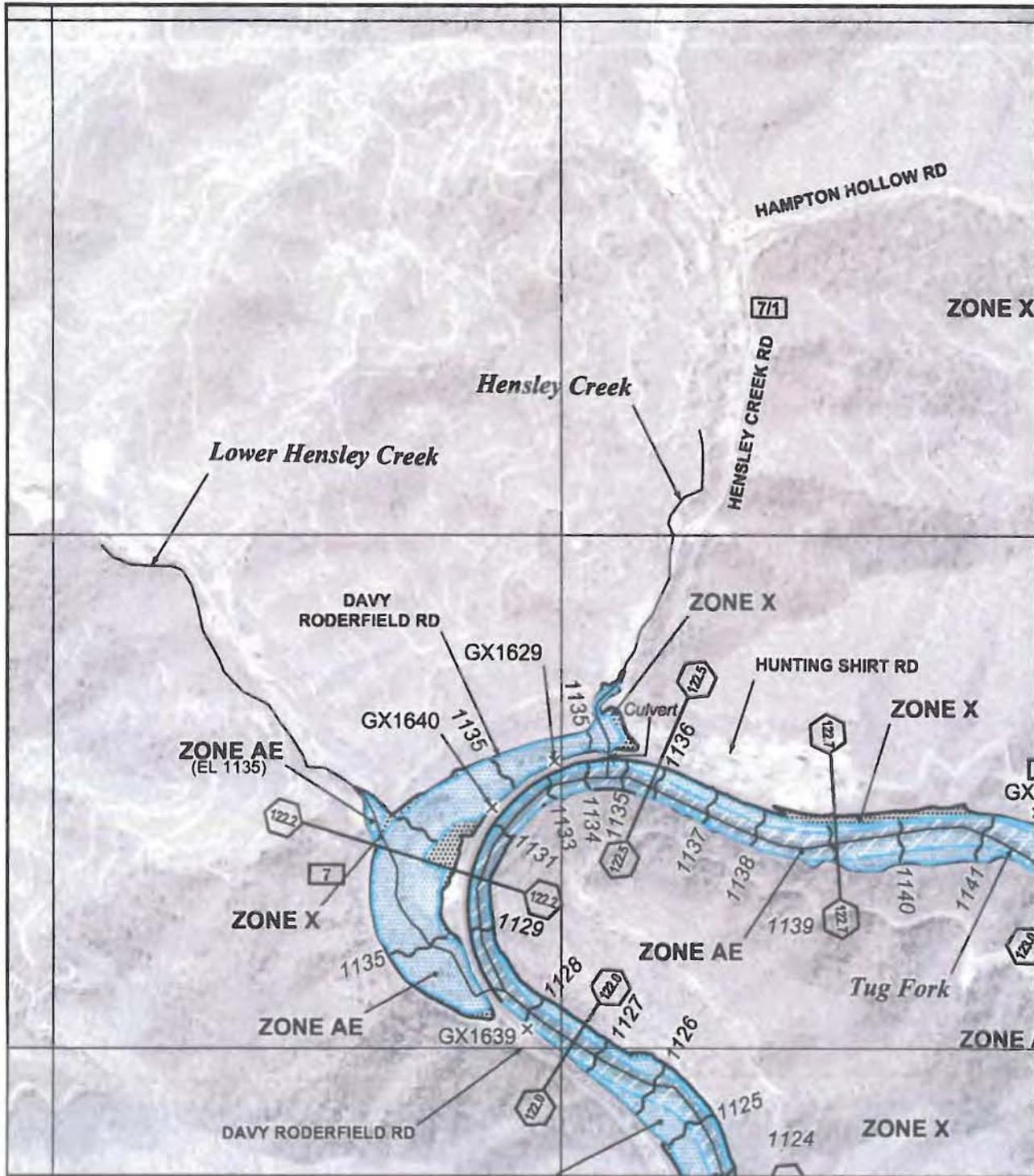
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**EFFECTIVE DATE
JUNE 16, 2005**

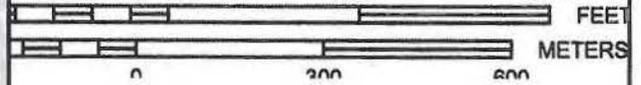


Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



MAP SCALE 1" = 1000'



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0155D

FIRM
FLOOD INSURANCE RATE MAP
McDOWELL COUNTY,
WEST VIRGINIA
AND INCORPORATED AREAS

PANEL 155 OF 435

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
McDOWELL COUNTY	540114	0155	D

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

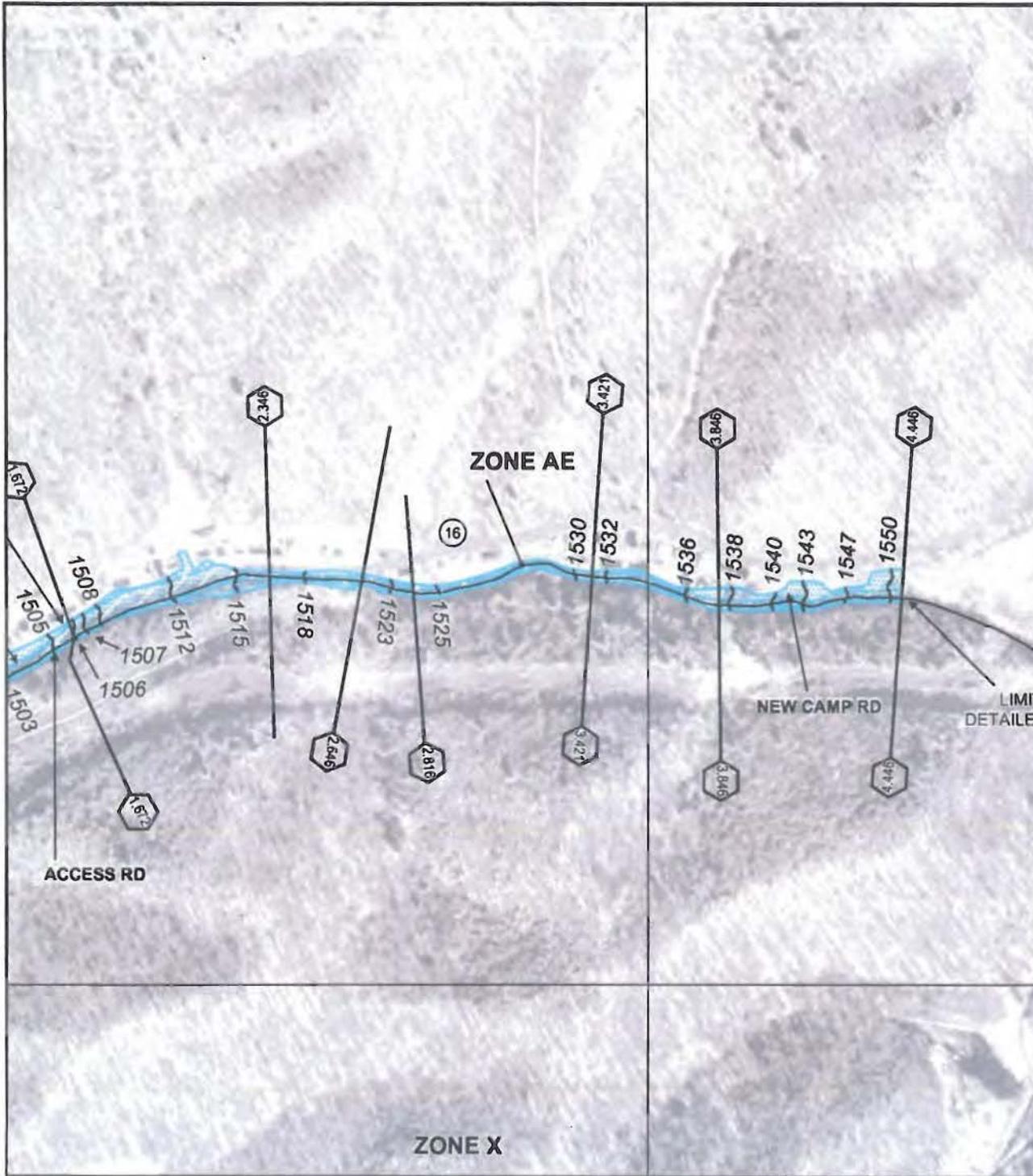
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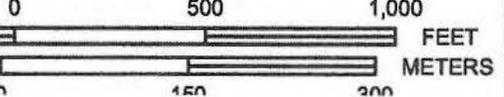
EFFECTIVE DATE
JUNE 16, 2005

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



MAP SCALE 1" = 500'



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0169D

FIRM
FLOOD INSURANCE RATE MAP
McDOWELL COUNTY,
WEST VIRGINIA
AND INCORPORATED AREAS

PANEL 169 OF 435

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
McDOWELL COUNTY	540114	0169	D

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

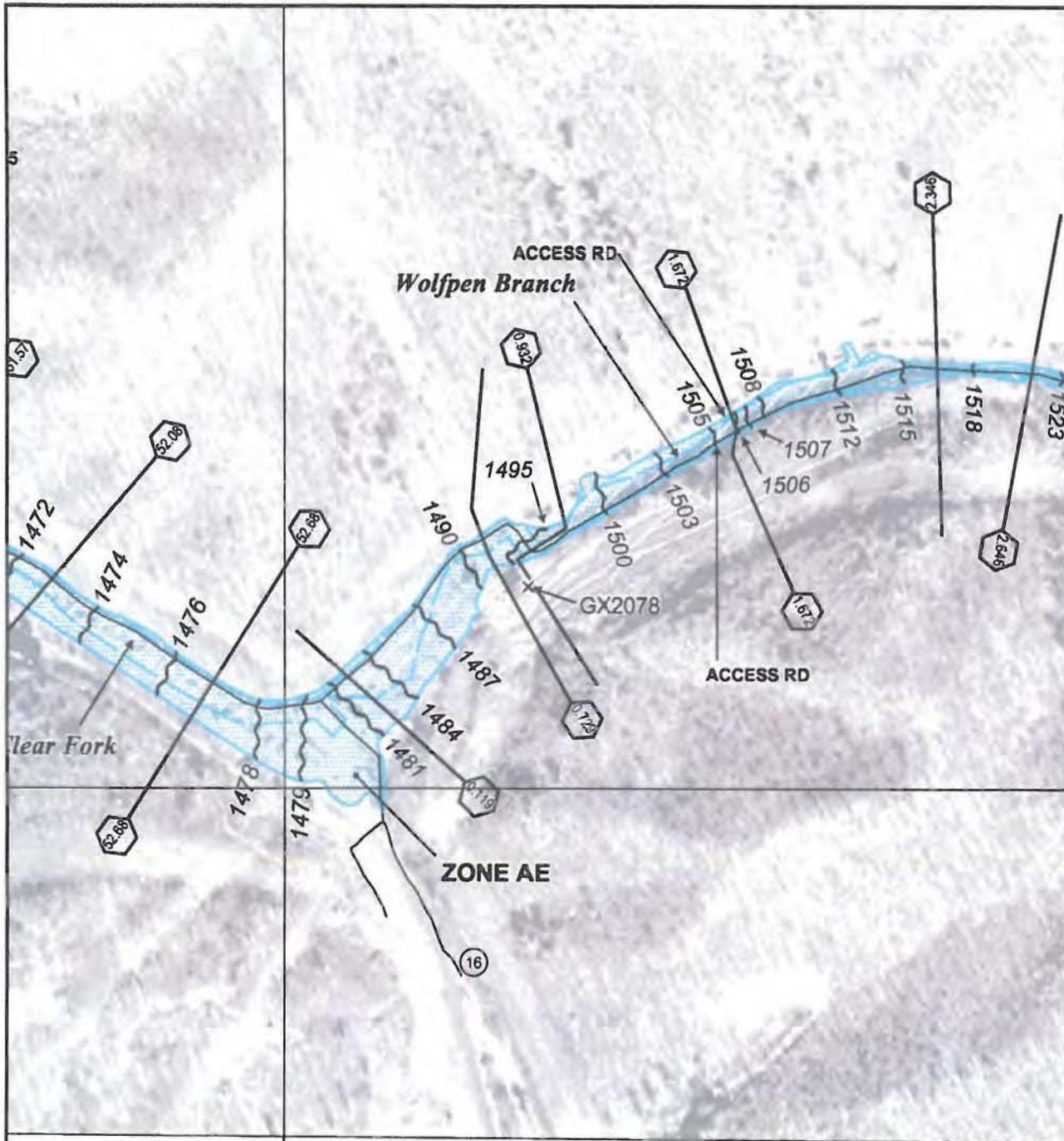


MAP NUMBER
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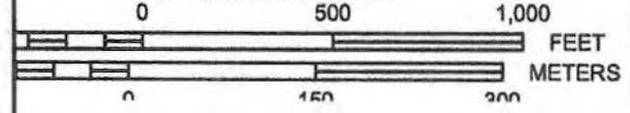
EFFECTIVE DATE
JUNE 16, 2005

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



MAP SCALE 1" = 500'



PANEL 0169D

FIRM
FLOOD INSURANCE RATE MAP
McDOWELL COUNTY,
WEST VIRGINIA
AND INCORPORATED AREAS

PANEL 169 OF 435

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS

COMMUNITY	NUMBERS	PANEL	SUFFIX
McDOWELL COUNTY	540114	0169	D

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
54047C0169D

EFFECTIVE DATE
JUNE 16, 2005

Federal Emergency Management Agency

NATIONAL FLOOD INSURANCE PROGRAM

443000 M

JOINS PANEL 0310

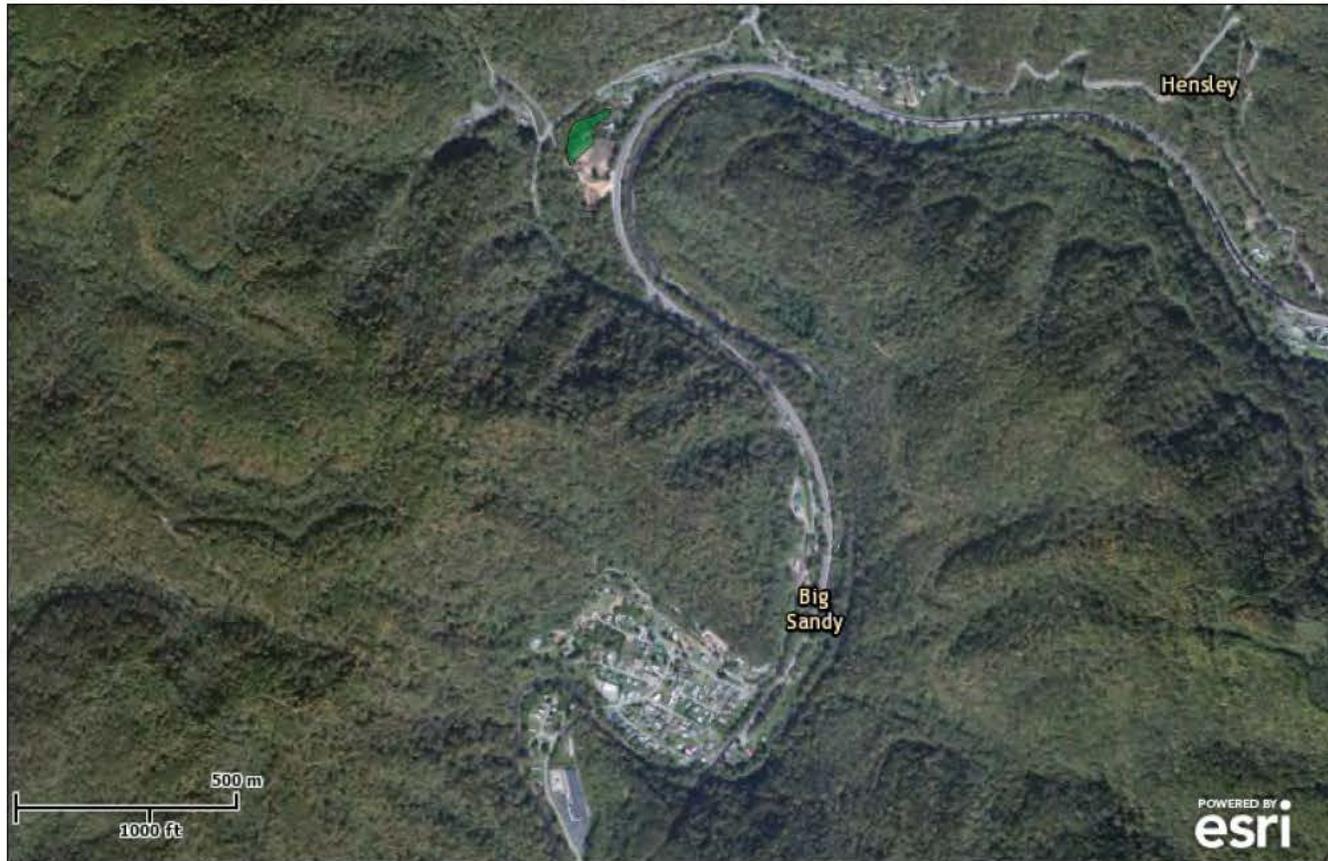
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U.S. Fish and Wildlife Service National Wetlands Inventory

NWI Big Sandy and Hensley

Aug 17, 2014



Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:



U.S. Fish and Wildlife Service

National Wetlands Inventory

NWI Clear Fork

Aug 17, 2014



Wetlands

-  Freshwater Emergent
-  Freshwater Forested/Shrub
-  Estuarine and Marine Deepwater
-  Estuarine and Marine
-  Freshwater Pond
-  Lake
-  Riverine
-  Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

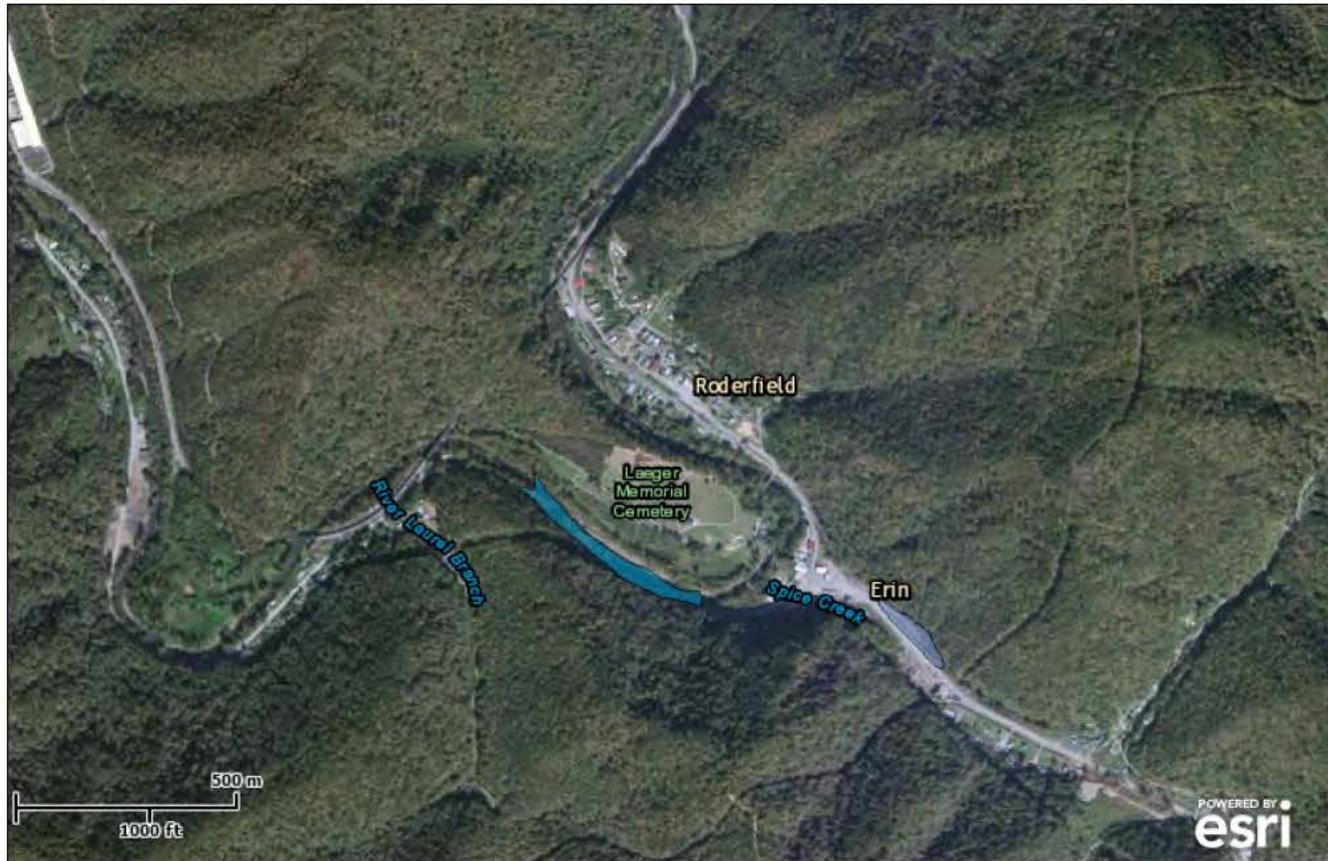


U.S. Fish and Wildlife Service

National Wetlands Inventory

NWI Roderfield

Aug 17, 2014



Wetlands

-  Freshwater Emergent
-  Freshwater Forested/Shrub
-  Estuarine and Marine Deepwater
-  Estuarine and Marine
-  Freshwater Pond
-  Lake
-  Riverine
-  Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

Appendix B
Agency Correspondence

10-0425



RECEIVED

JUL 22 2013

PENTREE, INC.

west virginia department of environmental protection

Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: 304 926 0475 • FAX: 304 926 0479

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.wvdep.gov

July 16, 2013

Robert D. Hazelwood, Vice President
Pentree Incorporated
1428 Main Street
Princeton, WV 24740

RE: McDowell County PSD/McDowell County, Big Sandy Water System Extension
Pentree Project #010-0425

Dear Mr. Hazelwood:

This letter responds to your correspondence of July 3, 2013, concerning the project referenced above. The Division of Air Quality will only provide feedback on issues relating to air quality. If you determine that your project activity may have other environmental impacts, then you should consult with the appropriate environmental agency for that issue (e.g. the Division of Water and Waste Management should be consulted on potential water quality issues).

Based upon current regulatory requirements, the project referenced above as outlined in your letter does not appear to require any pre-construction permits, authorizations, or air quality analyses by WVDAQ except to the extent any of the following apply:

1. It is necessary to burn land clearing debris in order to complete the project; in which case, approval by the WVDEP Secretary or his or her authorized representative is required to conduct such burning (see 45CSR6) or;
2. The project entails the renovation, remodeling, or demolition, either partially or totally, of a structure, building, or installation, irrespective of the presence or absence of asbestos-containing materials, and is subject to 45CSR34 (the asbestos National Emission Standards for Hazardous Air Pollutants (NESHAP) at 40CFR61, Subpart M). If such is the case, a formal Notification of Abatement, Demolition, or Renovation must be completed and timely filed with the WVDEP Secretary's authorized representative and approval received before commencement of the activities addressed in the Notification.
3. Backup or emergency electrical generators may be subject to federal and state requirements and require an air permit in accordance with 45CSR13.

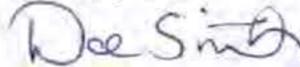
If the project involves demolition, and/or excavation and transportation of soil/aggregates or the handling of materials that can cause problems such as nuisance dust emissions or entrainment or creation of objectionable odors, adequate air pollution control measures must be applied to prevent statutory air pollution problems as addressed by 45CSR4 and 45CSR17. Copies of all of the WVDAQ rules cited in this letter may be reviewed on the agency's website at <http://www.dep.wv.gov/daq>. To review the rules click on "Summary of Rules" after accessing the website.

You may obtain the latest published air quality data summaries and statistics for the WV Division of Air Quality's ambient air monitoring sites on our website (shown above). Simply click on the image for the Air Quality Annual Report. You may also find a document summarizing, in some detail, the attainment status of the 55 counties in West Virginia relative to National Ambient Air Quality Standards (NAAQS) on our website by clicking on the link for "Publications".

As of July 1, 2013, McDowell County is designated an attainment area for all criteria pollutants.

If you have any questions or need further assistance or information, please contact this office at (304) 926-0475.

Sincerely Yours,



Dee Smith
Planning Section

DAS/dw



DIVISION OF NATURAL RESOURCES

**Wildlife Resources Section
Operations Center
P.O. Box 67
Elkins, West Virginia 26241-3235
Telephone (304) 637-0245
Fax (304) 637-0250**

**Earl Ray Tomblin
Governor**

**Frank Jezioro
Director**

March 29, 2013

Mr. Christopher Perdue
Stafford Consultants, Inc.
PO Box 5849
Princeton, WV 24740

Dear Mr. Perdue:

We have reviewed our files for information on rare, threatened and endangered (RTE) species and sensitive habitats for the area of the proposed Big Sandy/Roderfield waterline extension project for the McDowell County PSD.

We have no known records of any RTE species or sensitive habitats within the project area; however, surveys for freshwater mussels are required in the Tug Fork prior to any in-stream work. The Wildlife Resources Section knows of no surveys that have been conducted in the area for rare species or rare species habitat. Consequently, this response is based on information currently available and should not be considered a comprehensive survey of the area under review.

The information provided above is the product of a database search and retrieval. This information does not satisfy other consultation or permitting requirements for disturbances to the natural resources of the state, and further consultation may be required.

Thank you for your inquiry, and should you have any questions please feel free to contact me at the above number, extension 2048. Enclosed please find an invoice.

Sincerely,

**Barbara Sargent
Environmental Resources Specialist
Wildlife Diversity Unit**

enclosure

S:\Monthly\Barb\Invoices\Stafford1.doc

10-0425



RECEIVED
JUL 22 2013
PENTREE, INC.

DIVISION OF NATURAL RESOURCES
Wildlife Resources Section
Operations Center
P.O. Box 67
Elkins, West Virginia 26241-3235
Telephone (304) 637-0245
Fax (304) 637-0250

Earl Ray Tomblin
Governor

Frank Jezioro
Director

July 18, 2013

Mr. Robert D. Hazelwood
Pentree, Inc.
PO Box 1309
Princeton, WV 24740

Dear Mr. Hazelwood:

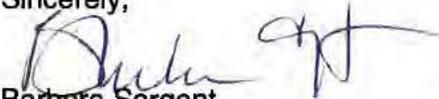
We have reviewed our files for information on rare, threatened and endangered (RTE) species and sensitive habitats for the area of the proposed Big Sandy water system extension project in the Roderfield area of McDowell County, WV (Project #010-0425).

We have no known records of any RTE species or sensitive habitats within the project area; however, a survey for freshwater mussels is required in the Tug Fork prior to an in-stream work. The Wildlife Resources Section knows of no surveys that have been conducted in the area for rare species or rare species habitat. Consequently, this response is based on information currently available and should not be considered a comprehensive survey of the area under review.

The information provided above is the product of a database search and retrieval. This information does not satisfy other consultation or permitting requirements for disturbances to the natural resources of the state, and further consultation may be required.

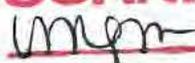
Thank you for your inquiry, and should you have any questions please feel free to contact me at the above number, extension 2048. Enclosed please find an invoice.

Sincerely,


Barbara Sargent
Environmental Resources Specialist
Wildlife Diversity Unit

enclosure

S:\Monthly\Barb\Invoices\Pentree.doc

SCANNED




RECEIVED

JAN 17 2014

PENTREE, INC.

DIVISION OF NATURAL RESOURCES

**Wildlife Resources Section
Operations Center
P.O. Box 67
Elkins, West Virginia 26241-3235
Telephone (304) 637-0245
Fax (304) 637-0250**

**Earl Ray Tomblin
Governor**

**Frank Jezioro
Director**

January 15, 2014

Mr. Robert D. Hazelwood
Pentree, Inc.
PO Box 1309
Princeton, WV 24740

Dear Mr. Hazelwood:

Thank you for contacting us regarding the Tug Fork waterline crossing associated with the Big Sandy Water System Extension project in McDowell County, WV (Project #010-0425). Since in-stream work will be avoided by the use of directional bore drilling, a survey for freshwater mussels will not be required.

Please let me know if you have any questions.

Sincerely,

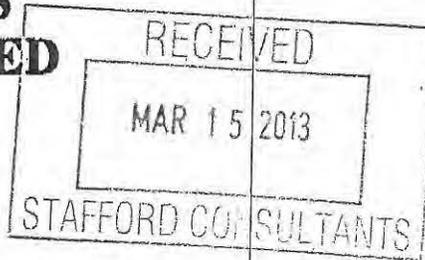

Barbara Sargent
Environmental Resources Specialist
Wildlife Diversity Unit

STAFFORD CONSULTANTS INCORPORATED

*Engineering, Design, and Consulting
Planning and Environmental Services*

Deborah Carter, Project Leader
U.S. Fish and Wildlife Service
West Virginia Field Office
Ecological Services
694 Beverly Pike
Elkins, WV 26241

Dear Ms. Carter,



March 5, 2013

File: 08-7139.02

RECEIVED

MAR 11 2013

WVFO

RE: McDowell County Public Service District
Big Sandy/Roderfield Waterline
Extension Project
RTE Species and Wetlands

The McDowell County Public Service District is in the process of moving the above referenced project into construction. We, Stafford Consultants, Inc., represent the McDowell County PSD as their engineer and are contacting you to inform you of the project locations.

This project will take place in three separate locations. The first portion intends to install new waterline along US Route 52 travelling northerly directly outside of Roderfield, WV. The second portion of the project will consist of upgrades at the existing Coalwood Water Treatment Plant (less than 2 acres). The final part of this project is another waterline that will travel along WV Route 16 in a southerly direction ending at the existing Coalwood Water Treatment Plant. Please refer to the enclosed drawings for clarification of these described locations.



United States Department of the Interior

FISH AND WILDLIFE SERVICE

West Virginia Field Office
694 Beverly Pike
Elkins, West Virginia 26241



In response to your letter above, we have made a "no effect" determination that the project will not affect federally-listed endangered or threatened species. Therefore no biological assessment or further section 7 consultation under the Endangered Species Act is required with the Fish and Wildlife Service. Should project plans change, or if additional information on listed and proposed species becomes available, this determination may be reconsidered.

Definitive determinations of the presence of waters of the United States, including wetlands, in the project area and the need for permits, if any, are made by the U.S. Army Corps of Engineers. They may be contacted at: Huntington District, Regulatory Branch, 502 Eighth Street, Huntington, West Virginia 25701, telephone (304) 399-5710.

Thomas S. Lewis
Reviewer's signature and date
mar 14 2013

James S. Schmitt
Acting Field Supervisor's signature and date
3/14/13



1428 Main Street
 P.O. Box 1309
 Princeton, WV 24740
 304-431-7800 Phone
 304-425-0445 Fax

July 3, 2013

U.S. Fish and Wildlife Service
 Route 250 South, Elkins Shopping Plaza
 694 Beverly Pike
 Elkins, WV 26241

Attn: Section 7 Consultation Staff

Re: **McDowell County PSD / McDowell County
 Big Sandy Water System Extension Project
 Pentree Project # 010-0425**

To Whom It May Concern:

Environmental clearance letters were submitted on this project in February, 2001 and USDA Rural Development completed and published the FONSI in June, 2003 under Town of Davy. In 2007, the project was transferred to McDowell County PSD. The US Army Corps of Engineers has requested that the environmental clearance letters be updated. Therefore, on behalf of the McDowell County Public Service District (Project Sponsor), Pentree, Inc. (Project Engineer) is re-submitting the referenced project for your review and comment. We have attached the U.S. Fish and Wildlife Service previous response letter dated April 17, 2001.

The proposed project is being funded from State and Federal funds by WVDEP Abandoned Mine Land Program, USDA Rural Development, and US Army Corps of Engineers. Accordingly, it is assumed that the provisions of the National Environmental Policy Act (NEPA) apply for the public funding and permitting of the project.

RECEIVED

JUL 22 2013

WVFO

SCANNED
 Jhu 7/25/13



United States Department of the Interior

FISH AND WILDLIFE SERVICE



West Virginia Field Office
 694 Beverly Pike
 Elkins, West Virginia 26241

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Carroll S. Spivey
 Reviewer's signature and date
 Jul 25, 2013

John E. Blum
 Field Supervisor's signature and date
 7/25/13



Natural Resources Conservation Service
1550 Earl Core Road, Suite 200
Morgantown, WV 26505

(304) 284-7560 (Phone)
(304) 284-4839 (Fax)

March 14, 2013

Christopher L. Perdue
Stafford Consultants, Inc.
1105 Mercer Street
PO Box 5849
Princeton, WV 24740

RE: Farmland Conversion Impact Rating, McDowell County PSD, Big Sandy/Roderfield Waterline Extension Project, Stafford File #08-7139.02

Dear Mr. Perdue:

This is to acknowledge receipt of your request for evaluation of Important Farmland related to the above referenced project in McDowell County, WV. This Important Farmland information was requested in order for you to assess the environmental impacts of the proposed project in accordance with the National Environmental Policy Act.

The Farmland Protection Policy Act (FPPA – Public Law 97-98, 7 U.S.C. 4201) established the farmland conversion rating system to evaluate the impacts Federal programs have on the unnecessary and irreversible conversion of farmland to nonagricultural uses. Projects are subject to FPPA requirements if they may irreversibly convert farmland (directly or indirectly) to nonagricultural use and are implemented by a Federal agency or with the assistance from a Federal agency. Assistance from a Federal agency includes loans, financial and technical assistance.

Based on a review of the documents you submitted, the proposed Waterline Extension Project, Contracts #1, #2, and #3, will not impact Prime, Statewide Important Farmland, or Locally Important Farmland, because the area is already urbanized, and the projects will be installed on existing highway right-of-ways. Because there is no impact on important farmland, a form AD-1006 does not need to be completed. If you have questions regarding this matter, please contact Ron Wigal, Environmental Specialist, at 304-284-7566.

Sincerely,

A handwritten signature in blue ink that reads "Robert N. Pate".

Robert N. Pate
USDA-NRCS Resource Soil Scientist
Robert.Pate@wv.usda.gov

cc: Ron Wigal-Environmental Specialist; NRCS-WV



**STAFFORD
CONSULTANTS
INCORPORATED**

*Engineering, Design, and Consulting
Planning and Environmental Services*

Date: March 5, 2013

File: 08-7139.02

Mr. Robert N. Pate
Natural Resources Conservation Service
75 High Street
Room 301
Morgantown, WV 26505

Dear Mr. Pate,

RE: McDowell County PSD
Big Sandy/Roderfield Waterline Extension Project
Farmland Impact

The McDowell County Public Service District is in the process moving the above referenced project to construction. Therefore we are notifying the Natural Resources Conservation Service of the locations of the proposed improvements. One copy of the water system maps, one copy of the project area shown on a topographic map, and one hundred and one photos of the project area are enclosed to show the areas of the proposed improvements. Please provide us with information and comments regarding the potential impact of the project on the prime farmland in the area.

If you have any questions, please feel free to give either Harry or myself a call. I can be reached at (304) 425-9555.

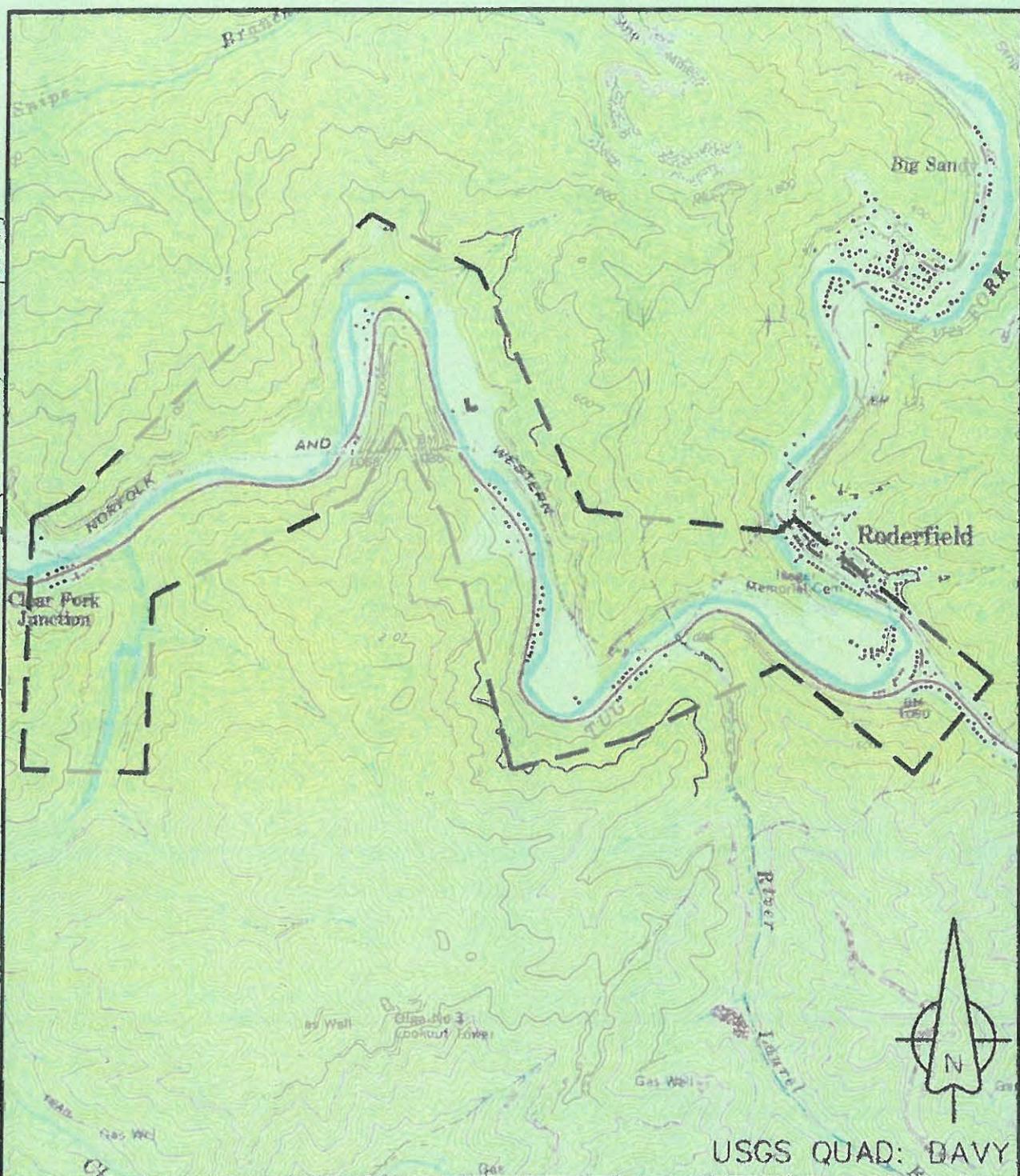
Sincerely,


Christopher L. Perdue
Project Manager

CLP

Enclosures

S:\PROJECTS\7139 - McDOWELL CO PSD - COALWOOD\Final Drawings\02 - Layout Map.dwg



**STAFFORD
CONSULTANTS
INCORPORATED**

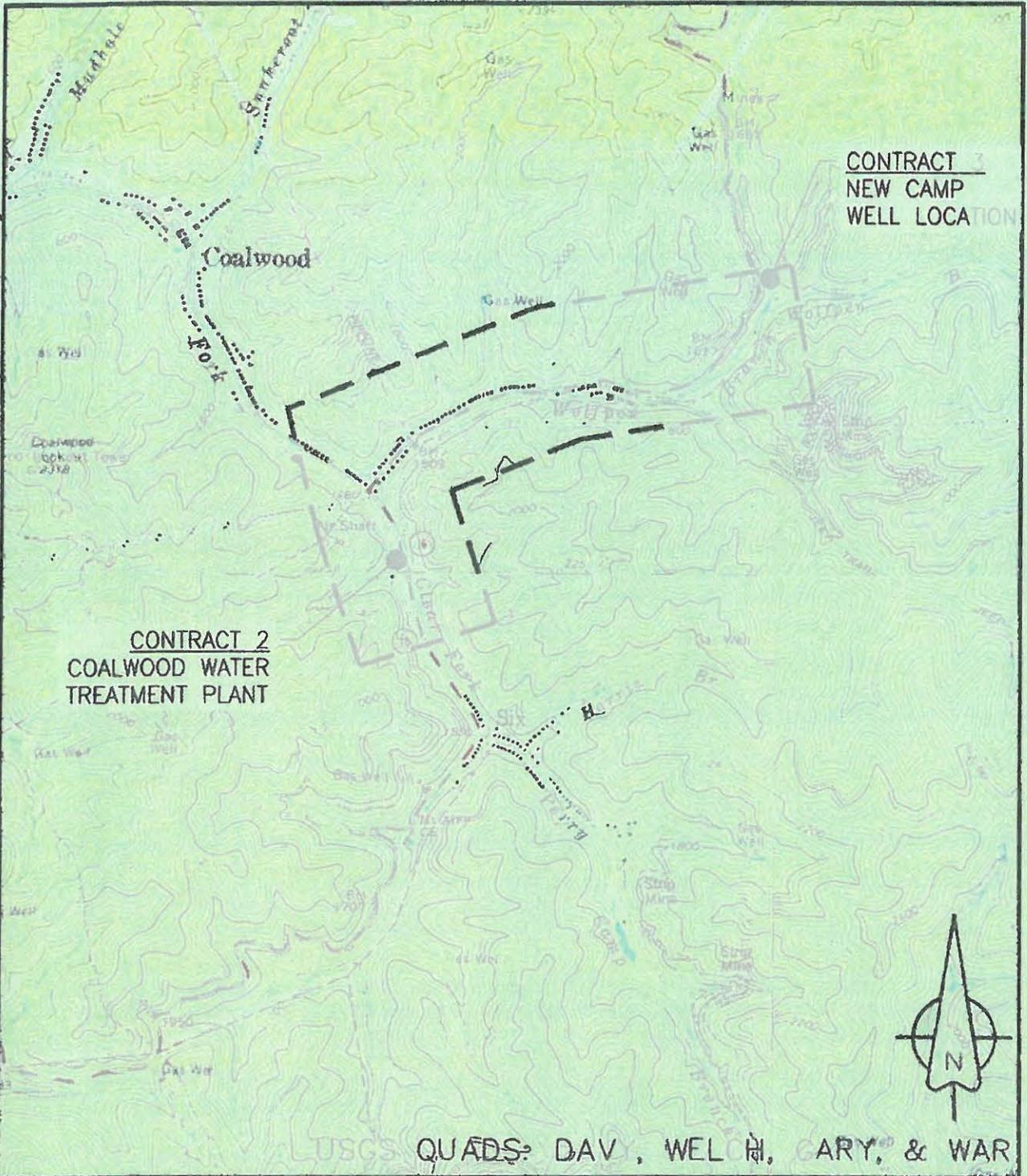
Engineering, Design, and Consulting

CONTRACT 1 PROJECT LOCATION

DRAWN	CHECKED	APPROVED	DATE	SCALE
MWP	CLP	ELS	10/16/12	1:2,000
PROJECT NUMBER:			08-7139	

SHEET NUMBER
1
OF 2
REV. NO. N/A

S:\PROJECTS\7139 - McDOWELL CO PSD COALWOOD\Final Drawings\02 - Layout Map.dwg



**STAFFORD
CONSULTANTS
INCORPORATED**

Engineering, Design, and Consulting

**CONTRACT 2 & 3
PROJECT LOCATIONS**

DRAWN	CHECKED	APPROVED	DATE	SCALE
MWP	CLP	ELS	10/16/12	1:2,000
PROJECT NUMBER:			08-7139	

SHEET NUMBER

2

OF 2
REV. NO. N/A



Natural Resources Conservation Service
1550 Earl Core Road, Suite 200
Morgantown, WV 26505

(304) 284-7560 (Phone)
(304) 284-4839 (Fax)

July 30, 2013

Robert D. Hazelwood, PE
Pentree Incorporated
1428 Main Street
Princeton, WV 24740

RE: Farmland Conversion Impact Rating, McDowell County PSD/ McDowell County Big Sandy Water System Extension Project, Pentree Project #010-0425, McDowell County, WV

Dear Mr. Hazelwood:

This is to acknowledge receipt of your request for evaluation of Important Farmland related to the above referenced project in McDowell County, WV. This Important Farmland information was requested in order for you to assess the environmental impacts of the proposed project in accordance with the National Environmental Policy Act.

The Farmland Protection Policy Act (FPPA – Public Law 97-98, 7 U.S.C. 4201) established the farmland conversion rating system to evaluate the impacts Federal programs have on the unnecessary and irreversible conversion of farmland to nonagricultural uses. Projects are subject to FPPA requirements if they may irreversibly convert farmland (directly or indirectly) to nonagricultural use and are implemented by a Federal agency or with the assistance from a Federal agency. Assistance from a Federal agency includes loans, financial and technical assistance.

Based on a review of the documents you submitted, the proposed water system extension project will not impact Prime, Statewide Important Farmland, or Locally Important Farmland, because the area is already urbanized, and construction will be along already disturbed road right of ways. Because there is no impact on important farmland, a form AD-1006 does not need to be completed. If you have questions regarding this matter, please contact Norm Bailey, Resource Conservationist, at 304-284-7585.

Sincerely,

A handwritten signature in blue ink that reads "Robert N. Pate".

Robert N. Pate
USDA-NRCS Resource Soil Scientist
Robert.Pate@wv.usda.gov

cc: Norm Bailey-Resource Conservationist; NRCS-WV





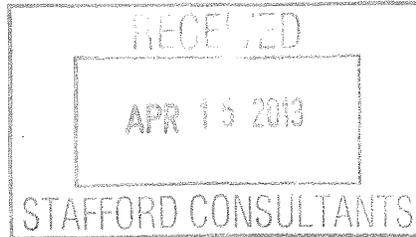
The Culture Center
1900 Kanawha Blvd., E.
Charleston, WV 25305-0300

Randall Reid-Smith, Commissioner

Phone 304.558.0220 • www.wvculture.org
Fax 304.558.2779 • TDD 304.558.3562

EEO/AA Employer

April 11, 2013



Mr. Christopher Perdue
Project Manager
Stafford Consultants
1105 Mercer Street
P.O. Box 5849
Princeton, WV 24740

RE: McDowell County PSD
Big Sandy/Roderfield Waterline Extension Project
FR#: 13-434-MD

Dear Mr. Perdue:

We have reviewed the above referenced project to determine potential effects to cultural resources. As required by Section 106 of the National Historic Preservation Act, as amended, and its implementing regulations, 36 CFR 800: "Protection of Historic Properties," we submit our comments.

According to submitted information, the McDowell County PSD is proposing to undertake a waterline extension project in the Big Sandy/Roderfield area of McDowell County. The project will also involve work at the Coalwood water treatment plant and the installation of a new fenced camp water well. The work at the Coalwood water treatment plant will include the construction of a 20' x 24' addition at the north end of the existing building, and the construction of a 22' x 48' addition at the south end of the existing building.

Architectural Resources:

A review of our records indicates that there are no previously recorded structures within the viewshed of the proposed above ground components. In addition, the site of the proposed water treatment plant additions has been previously subjected to modern intrusions, and the general topography and wooded terrain of the area will obscure the view of the proposed fenced camp water well. Therefore, it is our opinion that the proposed project will have no effect on properties eligible for or listed in the National Register of Historic Places. No further consultation regarding architecture is necessary; however, we do ask that you contact our office if your project should change.

April 11, 2013
Mr. Purdue
FR#: 13-434-MD
Page 2

Archaeological Resources:

A review of our files located no previously documented archaeological resources within the proposed project area. Submitted information indicates that the proposed line installation will occur within the U.S. Route 52 Right of Way. It is our understanding that the proposed construction activities at the Coalwood water treatment plant and the proposed camp water well site will be confined to previously disturbed areas, where in our opinion it is unlikely that any intact archaeological deposits are present. In our opinion, there are no archaeological resources located within the proposed project area eligible for or listed in the National Register of Historic Places. No further consultation is necessary with respect to archaeological resources.

We appreciate the opportunity to be of service. *If you have questions regarding our comments or the Section 106 process, please contact Michael Kyne, Structural Historian, or Carolyn Kender, Archaeologist, at (304) 558-0240.*

Sincerely,



Susan M. Pierce
Deputy State Historic Preservation Officer

SMP/CMK/MLK

CC: Mr. Harry Taylor, P.E. - USDA

10-0425



The Culture Center
1900 Kanawha Blvd., E.
Charleston, WV 25305-0300

Randall Reid-Smith, Commissioner

Phone 304.558.0220 • www.wvculture.org
Fax 304.558.2779 • TDD 304.558.3562
EEO/AA Employer

August 14, 2013

RECEIVED

AUG 20 2013

PENTREE, INC.

Mr. Robert Hazelwood, P.E.
Vice President
Pentree Incorporated
1428 Main Street
P.O. Box 1309
Princeton, WV 24740

RE: McDowell County PSD – Big Sandy Water System Extension Project
Pentree Project #010-0425
FR#: 13-838-MD

Dear Mr. Hazelwood:

We have reviewed the above referenced project to determine potential effects to cultural resources. As required by Section 106 of the National Historic Preservation Act, as amended, and its implementing regulations, 36 CFR 800: "Protection of Historic Properties," we submit our comments.

According to submitted information, the McDowell County Public Service District (PSD) is proposing to undertake a water system extension project in the Roderfield, Big Sandy, and Hensley areas of McDowell County. The project will involve the installation of 90,000 linear feet of water lines and related appurtenance, the construction of a 186gpm water booster station, and the construction of a 218, 000 gallon water storage tank. Submitted information states that the project was previously reviewed by our office in 2003 under FR#: 01-624-MD-2. However, due to the age of the project the information was purged from our files and we have assigned it a new FR# and will be providing new comments.

Architectural Resources:

We cannot complete our review with the information provided. Please submit the overall dimensions, including height, for the proposed water storage tank and the new booster station. Project plans illustrate buildings and/or structures in close proximity to these new above ground components. We ask that photographs of all buildings and/or structures that will have a line of sight to the above ground components be forwarded to our office. Please key the photographs to a USGS quad map. If the proposed above ground components will not be visible to any buildings and/or structures, please state that *in writing*. In addition, please indicate if any buildings or structures, for instance the railroad bridges and tracks illustrated in project area photographs, will be directly impacted by this project. We will provide further comment upon receipt of the

August 14, 2013
Mr. Hazelwood
FR#: 13-838-MD
Page 2

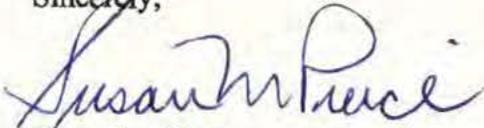
requested information; however, we reserve the right to request the completion of Historic Property Inventory (HPI) forms upon review of this information.

Archaeological Resources:

A review our site files located no previously documented archaeological resources within the proposed project area. Project information indicates that a majority of the proposed ground disturbing activities will be confined to previously disturbed areas and/or existing road rights-of-way. In our opinion, there are no archaeological resources located within the proposed project area that are eligible for or listed in the National Register of Historic Places. If, however, cultural materials are encountered during construction, all activity within the discovery area shall cease and our office shall be contacted immediately.

We appreciate the opportunity to be of service. *If you have any questions regarding our comments or the Section 106 process, please contact Shirley Stewart Burns, Structural Historian, or Carolyn Kender, Archaeologist, at (304) 558-0240.*

Sincerely,



Susan M. Pierce
Deputy State Historic Preservation Officer

SMP/CMK/SSB

RECEIVED

JAN 15 2014

PENTREE, INC.

The Culture Center
1900 Kanawha Blvd., E.
Charleston, WV 25305-0300

Randall Reid-Smith, Commissioner

Phone 304.558.0220 • www.wvculture.org
Fax 304.558.2779 • TDD 304.558.3562

EEO/AA Employer



January 13, 2014

Mr. Robert D. Hazelwood, P.E.
Vice President
Pentree Incorporated
1428 Main Street
P.O. Box 1309
Princeton, WV 24740

RE: McDowell County PSD/McDowell County Big Sandy Water System Extension Project
Pentree Project #010-0425
FR#: 13-838-MD-1

Dear Mr. Hazelwood:

We have reviewed the additional information provided for the above referenced project. As required by Section 106 of the National Historic Preservation Act, as amended, and its implementing regulations, 36 CFR 800, "Protection of Historic Properties," we submit our comments.

According to submitted information, the McDowell County Public Service District (PSD) is proposing to undertake a water system extension project in the Roderfield, Big Sandy, and Hensley areas of McDowell County. The project will involve the installation of 90,000 linear feet of water lines and related appurtenance, the construction of a 186gpm water booster station (14 feet wide by 16 feet long by 13 feet high), and the construction of a 218,000 gallon water storage tank (34 feet in diameter by 33 feet tall). Submitted information states that the project was previously reviewed by our office in 2003 under FR#: 01-624-MD-2. However, due to the age of the project the information was purged from our files and we have assigned it a new FR# and will be providing new comments.

Architectural Resources:

Submitted information, including color photographs, indicates that two modern buildings will be able to see any part of the above ground components of this project. In addition, submitted information indicates that the project will not impact the Railroad in any way. With this understanding, it is our opinion that the proposed project will have no effect to architectural resources eligible for or included in the National Register of Historic Places. No further consultation regarding architectural resources is necessary.

January 13, 2014
Mr. Hazelwood
FR#: 13-838-MD-1
Page 2

Archaeological Resources:

A review of our site files located no previously documented archaeological resources within the proposed project area. Project information indicates that a majority of the proposed ground disturbing activities will be confined to previously disturbed areas and/or existing road rights-of-way. In our opinion, there are no archaeological resources located within the proposed project area that are eligible for or listed in the National Register of Historic Places. If, however, cultural materials are encountered during construction, all activity within the discovery area shall cease and our office shall be contacted immediately.

We appreciate the opportunity to be of service. *If you have questions regarding our comments or the Section 106 process, please contact Shirley Stewart Burns, Structural Historian, or Carolyn Kender, Archaeologist, at (304) 558-0240.*

Sincerely,



Susan M. Pierce
Deputy State Historic Preservation Officer

SMP/SSB/CMK



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
HUNTINGTON DISTRICT, CORPS OF ENGINEERS
502 EIGHTH STREET
HUNTINGTON, WEST VIRGINIA 25701-2070

OCT 10 2012

RECEIVED

OCT 12 2012

PENTREE, INC.

Regulatory Division
South/Transportation Branch
Tug Fork and tributaries 2011-173-TUG

McDowell County Public Service District
Mr. Jerry Stepp
HC 31 Box 436J
Welch, West Virginia 24801

Dear Mr. Stepp:

I refer to an application submitted on your behalf by Pentree Incorporated requesting a Department of the Army authorization to discharge dredged and/or fill material into waters of the United States (U.S.) in conjunction with the Big Sandy water extension project. The purpose of the project is to extend water service to households in the Big Sandy and Hampton Roads communities. The proposed project would include the discharge of fill material associated with 41 stream crossings for the construction of the waterline. The waterline would cross Hensley Creek, Lower Hensley Creek, Tug Fork, Spice Creek, River Laurel Branch, Shabbyroom Branch and unnamed tributaries of Spice Creek. A complete list of the streams and crossing locations were identified in your application package. The proposed project is located near Roderfield, in McDowell County, West Virginia.

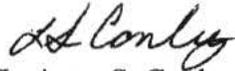
The Corps of Engineers (Corps) authority to regulate waters of the U.S. is based on the definitions and limits of jurisdiction contained in 33 CFR 328 and 33 CFR 329. Section 404 of the Clean Water Act requires that a Department of the Army permit be obtained prior to discharging dredged or fill material into waters of the U.S., including wetlands. Section 10 of the Rivers and Harbors Act of 1899 requires that a Department of the Army permit be obtained for any work in, on, over or under a navigable water.

To the extent that the Corps has jurisdiction over the discharge of dredged or fill material associated with the utility line crossings, the proposed activity meets the criteria for Nationwide Permit 12 under the February 21, 2012, Federal Register, Issuance of Nationwide Permits (77 FR 10184) provided you comply with all terms and conditions of the enclosed material.

SCANNED
WMP

Please be aware this correspondence does not obviate the requirement to obtain state or local assent required by law for the activity. If you have any questions concerning the above, please contact Rebecca Rutherford at (304) 399-5710.

Sincerely,



LuAnne S. Conley, P.E.
Chief, South/Transportation Branch

Enclosures

Copy furnished:

Pentree Incorporated
Mr. Bob Hazelwood
1428 Main Street, Post Office Box 1309
Princeton, West Virginia 24740

Mr. Lyle Bennett
West Virginia Department of Environmental Protection
601 57th Street
Charleston, West Virginia 25304

Mr. Roger Anderson
West Virginia Division of Natural Resources
Post Office Box 67
Elkins, West Virginia 26241

Memo: 4/7/2014

Robert D. Hazelwood, P.E.

Pentree Inc.

PO Box 1309

Princeton, WV24740

From: Dan Riley

Director MCRA

109 Wyoming Street

Welch, WV 24801

Tel: 304-436-8582

Re: Flood Plain

Mr. Hazelwood,

I have reviewed the plans submitted for the booster pump location in Roderfield and see no adverse affects from this project to adjacent properties and if I understand you correctly the project may be elevated one foot above the 100 year flood plain. The only other forms we will need for this project will be the permit application I have included. We will give the application a permit number and attach it to your plans. If there are any questions please do not hesitate to call.



Dan Riley

SCANNED
jhu
4/8/14

Appendix C
Mailing List

**Section 340 Big Sandy Water Extension Project
McDowell County, West Virginia
Draft Environmental Assessment
Mailing List**

Federal Agencies and Officials

The Honorable Joe Manchin
United States Senate
900 Pennsylvania Avenue
Suite 629
Charleston, WV 25302

The Honorable Jay Rockefeller
United States Senate
220 North Kanawha Street
Suite 1
Beckley, WV 25801-4514

The Honorable Nick Rahall
United States House of Representatives
601 Federal St., Room 1005
Bluefield, WV 24701

Mr. Robert N. Pate
USDA Natural Resources Conservation
Service
1550 Earl Core Road, Suite 200
Morgantown, WV 26505

Ms. Tamara Lewis,
United States Fish and Wildlife Service
West Virginia Field Office
694 Beverly Pike
Elkins, West Virginia 26241

U.S. Environmental Protection Agency
Region III
Methodist Building
1060 Chapline Street, Suite 303
Wheeling, WV 26003

State Agencies and Officials

The Honorable Earl Ray Tomblin
Governor of West Virginia
1900 Kanawha Boulevard, East
Charleston, West Virginia 25305

Ms. Barbara Sargent, Environmental
Resource Specialist
West Virginia Division of Natural
Resources
P.O. Box 67
Elkins, West Virginia 26241

Ms. Janet Clayton, Wildlife Diversity
Biologist
West Virginia Division of Natural
Resources
P.O. Box 67
Elkins, West Virginia 26241

Ms. Susan Pierce
State Historic Preservation Office
400 South Ruffner Road
Charleston, West Virginia 25314

Ms. Dee Smith
West Virginia Department of Environmental
Protection
601 57th Street, SE, Charleston, WV 25304

County Agencies and Officials

McDowell County Public Library
90 Howard St.
Welch, WV 24801

Dan Riley, Director MCRA
109 Wyoming Street
Welch, WV 24801