

Public Notice

**U.S. Army Corps
of Engineers**
Pittsburgh District

In Reply Refer to
Notice No. below

US Army Corps of Engineers, Pittsburgh District
1000 Liberty Avenue
Pittsburgh, PA 15222-4186

Application No. LRP-2012-405

Date: January 31, 2014

Notice No. 14-05

Closing Date: March 2, 2014

1. TO ALL WHOM IT MAY CONCERN: The following application has been submitted for a Department of the Army Permit under the provisions of Section 404 of the Clean Water Act.
2. APPLICANT: Mr. Rick Lowry
MarkWest Liberty Midstream & Resources, LLC.
4600 J. Barry Court, Suite 500
Canonsburg, Pennsylvania 15317
3. LOCATION: The project is located along Calis Majorsville Road in Majorsville, Marshall County, West Virginia. Approximate coordinates for the center of the proposed project are: 39.956230° N, -80.521960° W.
4. PURPOSE AND DESCRIPTION OF WORK: The applicant proposes to construct an expansion to the Majorsville Natural Gas Processing Facility. Specifically, the applicant is proposing to construct the Majorsville 7 & 8 Gas Processing Units adjacent to the Majorsville 3/4/5/6 site (currently under construction). The proposed work would include the clearing and grading of 25 acres to provide the footprint necessary to build the processing facility and the necessary appurtenances. Facility components include two (2) cryogenic plants capable of processing 400 million standard cubic feet per day (MSCFD) of natural gas. The original facility known as Majorsville 1/2 has the capacity to process 270 MSCFD and the Majorsville 3/4/5/6 facility has the capacity to process 800 MSCFD. The applicant will not have enough gas processing capability and therefore is proposing an expansion of the current facility. As a result, the proposed Majorsville 7/8 project will allow for an additional 400 MSCFD of processing capacity to meet the incoming demand of natural gas processing. Total natural gas processing capacity of the site will be 1,470 MSCFD.

Please note that the Corps authorized the construction of Majorsville 3/4/5/6 on April 2, 2013 in Department of the Army Permit LRP-2012-405. The Majorsville 7/8 project submittal is being reviewed as a new permit action and will encompass a cumulative impacts assessment to the streams and wetlands in question.

Development of the area, as described above, will result in impacts to Waters of the United States. Permanent stream impacts include enclosures and fills of seven (7) unnamed tributaries (UNTs) of Enlow Fork and eight (8) wetland fills. Total proposed permanent stream and wetland impacts are estimated at 2,966 linear feet (LF) (905 LF perennial, 328 LF

intermittent, and 1,733 LF ephemeral) and 0.320 acres, respectively. A drawing of the proposed project is attached to this notice.

As mitigation, the applicant is proposing to pay into the West Virginia In-Lieu Fee (ILF) program to offset the loss of streams and wetlands for the project. The estimate of the project's required ILF credits are 1,903.16 stream credits and 0.7168 wetland credits.

5. WEST VIRGINIA CERTIFICATION: This permit decision will not be made until the State of West Virginia, Division of Environmental Protection (WVDEP), issues, denies, or waives State Certification. This public notice does not serve as application to the WVDEP for certification required by Section 401 of the Clean Water Act. The applicant has directly applied to the WVDEP for individual water quality certification. The WVDEP will also consider whether or not the proposed activity will comply with sections 301, 302, 303, 306, 307 of the Clean Water Act or any other appropriate State laws. Any person wishing to comment, provide information, and/or request a public hearing concerning certification for this project should write to the:

West Virginia Department of Environmental Protection
Office of Water Resources
Regulatory Review Program
601 57th Street SE
Charleston, WV 25304-2345
Telephone: 304-926-0499
Re: Public Notice CELRP-OP-F No. 14-05

6. IMPACT ON NATURAL RESOURCES: The applicant has coordinated with the U.S. Fish and Wildlife Service for review of impacts to federally listed species subject to the Endangered Species Act (ESA). As a result of the coordination efforts, it has been determined that the project may affect, but is not likely to adversely affect the Indiana bat. This determination is detailed in a determination from USFWS, dated December 30, 2013, which explains measures such as seasonal tree cutting restrictions and bat habitat enhancement to be done by the applicant.

7. IMPACT ON CULTURAL RESOURCES: The applicant has coordinated with West Virginia Division of Culture and History for review of impacts to archaeological and/or historical resources subject to Section 106 of the National Historic Preservation Act (NHPA). As a result of the coordination efforts, WVDCH has determined in a letter dated December 2, 2013 (FR#14-114-MR) that the project will not have an adverse effect to archaeological resources. The applicant is currently reviewing the potential for impacts to architectural resources and is seeking concurrence from WVDCH at this time.

8. PUBLIC INVOLVEMENT: Any person may request, in writing, within the comment period specified in the paragraph below entitled "RESPONSES," that a public hearing be held to consider this application. The requests for public hearing shall state, with particularity, the reasons for holding a public hearing.

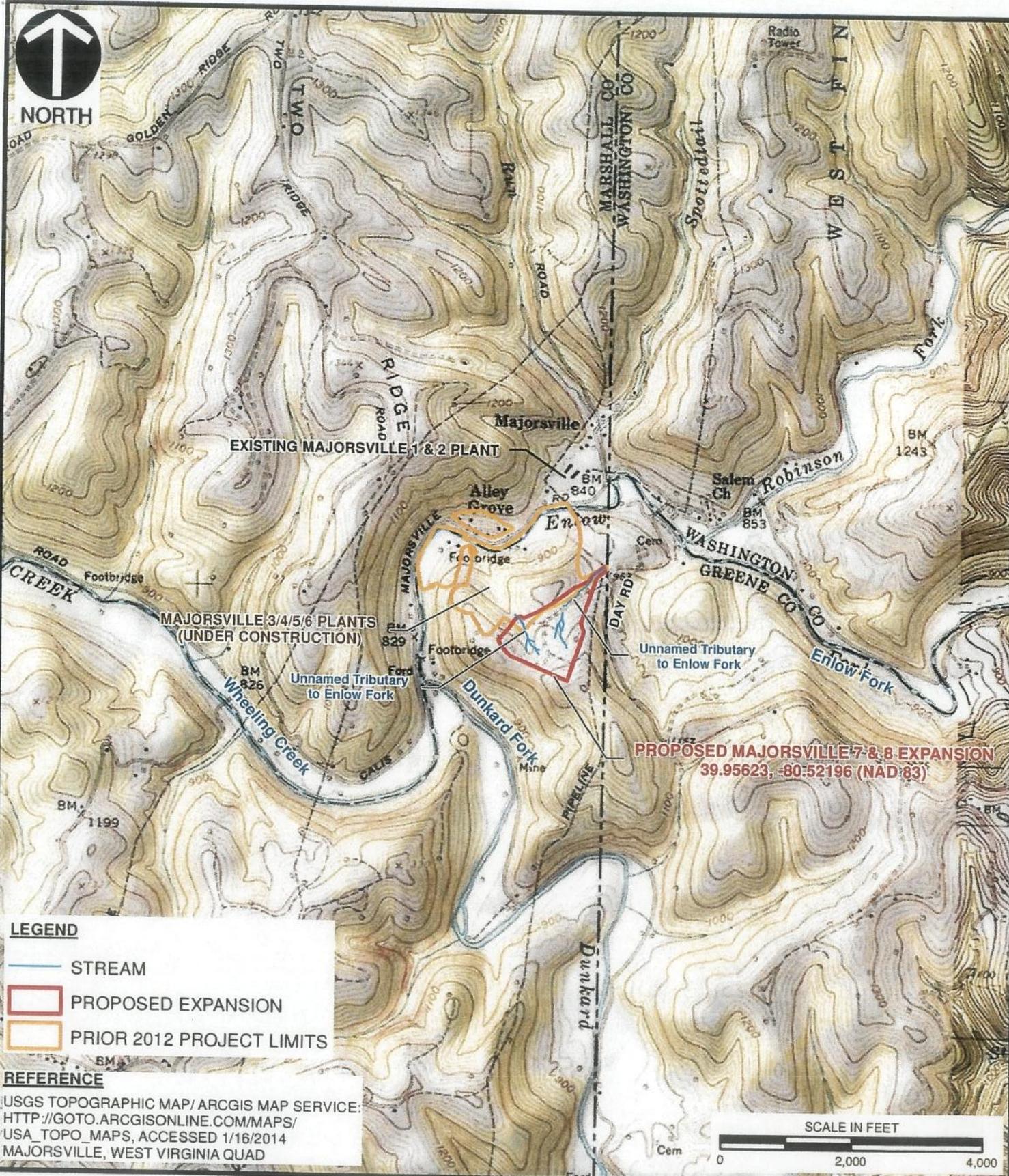
9. EVALUATION: Interested parties are invited to state any objections they may have to the proposed work. The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposals must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people. The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the overall public interest of the proposed activity. The evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under the authority of Section 404(b) of the Clean Water Act (40 CFR Part 230).

10. RESPONSES: A permit will be granted unless its issuance is found to be contrary to the public interest. Written statements concerning the proposed activity should be received in this office on or before the closing date of this Public Notice in order to become a part of the record and to be considered in the final determination. Any objections which are received during this period may be forwarded to the applicant for possible resolution before the determination is made whether to issue or deny the requested DA Permit. All responses to this notice should be directed to the Regulatory Branch, attn Josh Shaffer at the above address, by telephoning (412) 395-7121, or by e-mail at joshua.d.shaffer@usace.army.mil. Please refer to CELRP-OP-F LRP-2012-405 in all responses.

FOR THE DISTRICT ENGINEER:

// SIGNED //

Jon T. Coleman
Chief, Southern Section
Regulatory Branch

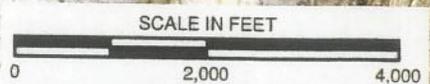


LEGEND

-  STREAM
-  PROPOSED EXPANSION
-  PRIOR 2012 PROJECT LIMITS

REFERENCE

USGS TOPOGRAPHIC MAP/ ARCGIS MAP SERVICE:
 HTTP://GOTO.ARCGISONLINE.COM/MAPS/
 USA_TOPO_MAPS, ACCESSED 1/16/2014
 MAJORSVILLE, WEST VIRGINIA QUAD



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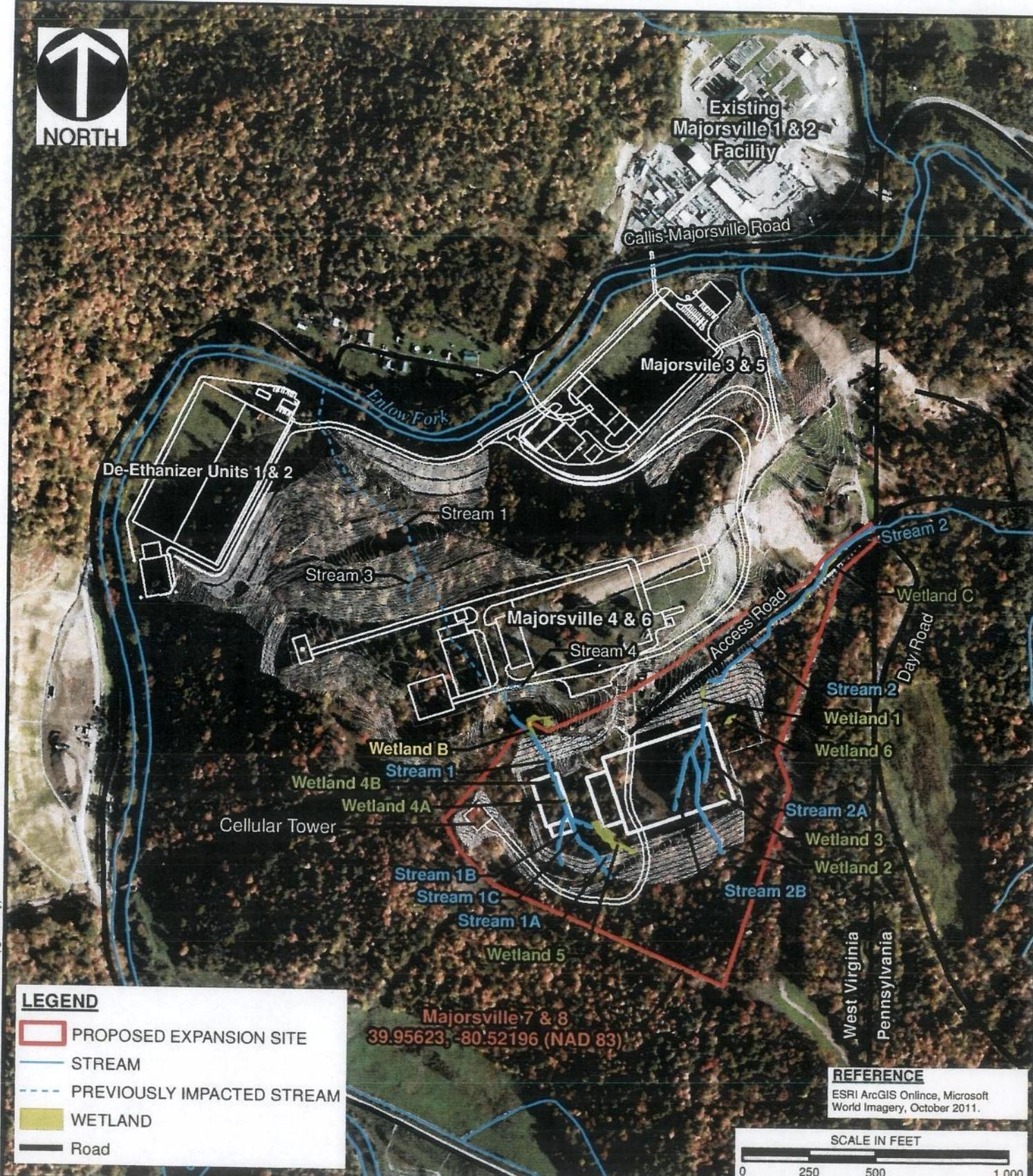
Civil & Environmental Consultants, Inc.

333 Baldwin Road - Pittsburgh, PA 15205-9072
 412-429-2324 • 800-365-2324
 www.cecinc.com

MARKWEST LIBERTY MIDSTREAM & RESOURCES, LLC
 MAJORSVILLE 7 & 8 NATURAL GAS
 FACILITY EXPANSION
 MARSHALL COUNTY, WEST VIRGINIA

SITE LOCATION MAP

DRAWN BY:	TLG	CHECKED BY:	JRF	APPROVED BY: * Hand signature on file	JHW*	FIGURE NO:	1
DATE:	1/15/2014	SCALE:	1" = 2,000'	PROJECT NO:	111-566		



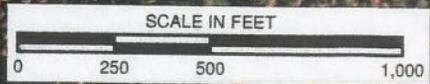
LEGEND

- PROPOSED EXPANSION SITE
- STREAM
- PREVIOUSLY IMPACTED STREAM
- WETLAND
- Road

Majorsville-7 & 8
39.95623, -80.52196 (NAD 83)

REFERENCE

ESRI ArcGIS Online, Microsoft World Imagery, October 2011.



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MARKWEST LIBERTY MIDSTREAM & RESOURCES, LLC
MAJORSVILLE 7 & 8 NATURAL GAS
FACILITY EXPANSION
MARSHALL COUNTY, WV

AQUATIC RESOURCE IMPACTS

DRAWN BY:	TLG	CHECKED BY:	JRF	APPROVED BY: * Hand signature on file JHW*	FIGURE NO:
DATE:	12/10/2013	DWG SCALE:	1" = 500'	PROJECT NO:	111-566.0501
					3

P:\2011\11-566-GIS\maps\0500\111566_FIG3_IMPACTS.mxd 11/18/2013 12:18 PM (tgrubesty)

PRIOR MAJORSVILLE 3/4/5/6 IMPACTS

RESOURCE	CLASSIFICATION	IMPACT	IMPACT TYPE
STREAM 1	INTERMITTENT	96 FEET	ENCLOSURE
STREAM 1	PERENNIAL	1094 FEET	ENCLOSURE
STREAM 1	INTERMITTENT	125 FEET	TEMPORARY*
STREAM 1	PERENNIAL	91 FEET	TEMPORARY*
STREAM 2	PERENNIAL	0 FEET	AVOIDED
STREAM 3	INTERMITTENT	154 FEET	FILL
STREAM 4	INTERMITTENT	163 FEET	FILL
ENLOW FORK	PERENNIAL	101 FEET	FILL (PIER)
WETLAND A	PEM	0.000 ACRE	AVOIDED
WETLAND B	PEM	0.098 ACRE	TEMPORARY**
WETLAND C	PEM	0.000 ACRE	AVOIDED
TOTAL PERENNIAL STREAM IMPACT*		1195 FEET	
TOTAL INTERMITTENT STREAM IMPACT*		413 FEET	
TOTAL PERMANENT STREAM IMPACT**		1608 FEET	

* TOTAL STREAM IMPACT DOES NOT INCLUDE TEMPORARY IMPACTS

** PERMITTED UNDER NWP-12 LRP 2012-1179.

MAJORSVILLE 7/8 IMPACTS

RESOURCE	CLASSIFICATION	IMPACT (LINEAR FEET / ACREAGE)	IMPACT TYPE
Stream 1	Intermittent	328	Fill/Culvert
Stream 1	Ephemeral	336	Fill
Stream 1A	Ephemeral	55	Fill
Stream 1B	Ephemeral	235	Fill
Stream 1C	Ephemeral	85	Fill
Stream 2	Perennial	905	Culvert
Stream 2	Ephemeral	599	Fill
Stream 2A	Ephemeral	192	Fill
Stream 2B	Ephemeral	231	Fill
Wetland 1	PEM	0.034	Fill
Wetland 2	PEM	0.007	Fill
Wetland 3	PEM	0.017	Fill
Wetland 4A	PEM	0.005	Fill
Wetland 4B	PEM	0.009	Fill
Wetland 5	PEM	0.148	Fill
Wetland 6	PUB	0.026	Fill
Wetland B	PEM	0.030	Fill
Wetland C	PEM	0.044	Fill
TOTAL PERENNIAL STREAM IMPACT		905 LINEAR FEET (LF)	
TOTAL INTERMITTENT STREAM IMPACT		328 LF	
TOTAL EPHEMERAL STREAM IMPACT		1733 LF	
TOTAL STREAM IMPACT		2966 LF	
TOTAL WETLAND IMPACT		0.32 ACRE	