

NUFILE

Construction Notice for the McDonald Village SRTS

20 Inch High Pressure Installation (Watson-Marshall Road to Ohltown-McDonald Road) Distribution Line Replacement

Ohio Power Siting Board Case No. 10-146-GA-BNR

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Submitted by Dominion East Ohio Gas Company

4906-11-02 Construction Notice Requirements

(B) GENERAL INFORMATION

(1) Name of the project

• The applicant is Dominion East Ohio Gas Company ("Dominion East Ohio"). The name of the project is the McDonald Village SRTS HP replacement project from Ohltown-McDonald Road (Second Street) to Watson-Marshall Road.

(2) Brief description of the project, including a map depicting the facility's location and reason why the project meets the requirements for construction notice

• Dominion East Ohio (DEO) plans to replace +/-4,200 feet of the existing twelve inch high pressure distribution pipeline (L#4999) and +/-4,200 feet of the existing parallel eight inch high pressure distribution pipeline (L#412). Each line runs along the east side of McDonald Avenue from the intersection of Ohltown-McDonald Road and McDonald Avenue in McDonald Village. Each line continues south along McDonald Avenue within road right-of-way to the intersection of Watson-Marshall Road and McDonald Avenue.

• The existing two bare steel pipelines will be replaced with a single twenty inch, 0.375 wall thickness ("W"), grade X 52 high pressure pipeline that will be fusion bond epoxy ("FBE") coated and cathodically protected with anodes. The design criteria will be for a Class 3 location. The pipeline will be designed for a

Maximum Allowable Operating Pressure ("MAOP") of 174 pounds per square inch (psig) and will be hydrostatically tested in place to a minimum of 261 psig.

• The twenty inch pipe replacement will be placed in the location of the existing twelve inch line after it is removed from the ground. The existing eight inch line will continue in service until the replacement twenty inch pipeline is in operation. The eight inch line will then be purged, capped, and abandoned in place.

• Both the twelve inch pipe (L#4999) and the eight inch pipe (L#412) that will be replaced are typically sixty to seventy years old having various vintage years in the 1930s, 1940s, and 1950s. They are both bare steel and are eligible to be replaced as part of the Pipeline Infrastructure Replacement program. Each line currently has a MAOP of 174 psig.

• In general, the replacement pipeline will traverse along a village road right-of-way. There are approximately thirty-five residential homes along the route.

• The existing twelve inch and eight inch pipelines are owned, operated, and maintained by Dominion East Ohio. The proposed twenty inch replacement pipeline will also be owned, operated, and maintained by Dominion East Ohio. The pipeline installation within the corridor

will be by permit of the McDonald Village officials. No permanent access roads are proposed for the project.

• This project meets the requirements for a construction notice because it meets the criteria listed in Appendix B of Ohio Administrative Code ("OAC") Rule 4906-1-01. The gas line replacement project is being required by McDonald Village, a publicly funded entity, and is within the right-of-way owned by McDonald Village. This replacement fulfills the requirements of Appendix B:

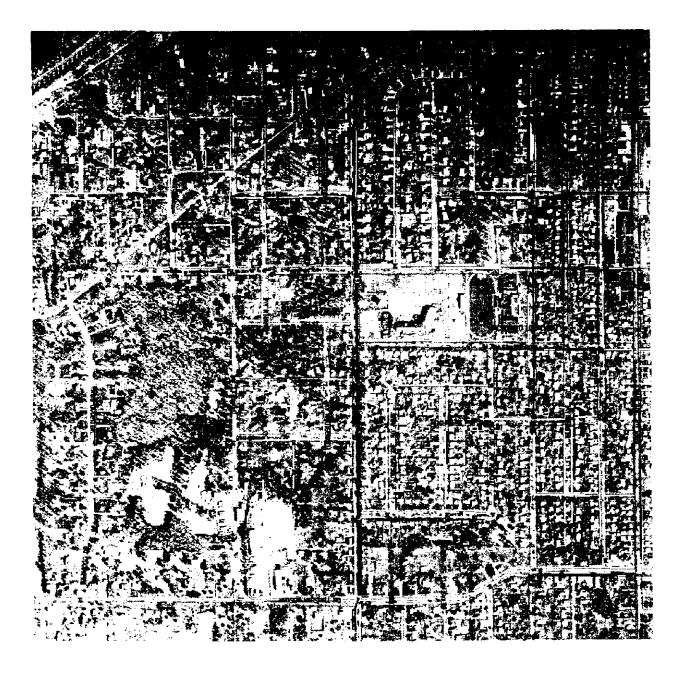
> (5) Replacement or relocation of gas transmission line facilities where the project is required by publicly funded entities and is located on or adjacent to new right-of-way owned by the public entity requiring the project.

In addition, the replacement pipeline will be located wholly within Dominion East Ohio's service area; Dominion East Ohio owns and operates the existing lines that will be replaced and will continue to own and operate the replacement pipeline; and the primary purpose of the replacement segments will be to assure a constant natural gas supply to Dominion East Ohio's customers and will be eligible for recovery as part of the Pipeline Infrastructure Replacement program.

• Lastly, McDonald Village has expressed their interest and concern about the Dominion East Ohio pipeline replacement project as it relates to their Safe Routes to School (SRTS) program schedule. Attachment A is a letter from the Village Administrator stating the need

for Dominion East Ohio to complete this project by June 30, 2010. A

map of the area is provided below:



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(3) Need for the natural gas transmission line

• Changing from double main pipelines to a single main has operational benefits because Dominion East Ohio will have less pipeline requiring cathodic protection, inspection and maintenance.

Because the two existing pipelines are sixty to over seventy years old, they have required increased maintenance in the last number of years. [For accounting purposes, the useful life (based on depreciation) of steel pipe is 56 years.] In 2004 and 2007 Dominion East Ohio was compelled to replace portions of both mainlines. There will be savings to Dominion East Ohio's customers in the maintenance expenses attributed to these lines when the new pipeline is constructed. In addition, the new pipeline will meet the safety standards enacted since the installation of the existing lines.

(4) Anticipated construction schedule, in-service date

• Assuming that this Construction Notice is processed in accordance with OAC Rule 4906-5-02 (B) and expeditiously as contemplated by the additional payment made in accordance with Rule 4906-5-11 (I), Dominion East Ohio would begin construction in March of 2010 and place the line in service by the summer of 2010.

(5) Estimated capital cost

• The high-level estimate for the replacement of the twelve inch and eight inch High Pressure gas mains with a single twenty inch High Pressure gas main is \$1,260,000.

(6) Operating characteristics, number and types of required structures, land requirements

 MAOP: The proposed pipelines segment will have a flow rate ranging from 990 Mcf per hour to 28 Mcf per hour based on a winter temperature of 40° Fahrenheit and a summer temperature of 60°
Fahrenheit. The normal operating pressure range is 155 psig to 70 psig.

• Pipe material: Coated steel will be the pipeline material. Coating will be fusion-bond epoxy, and will be direct buried.

• Pipe dimensions and specifications: The proposed pipeline will be constructed of coated twenty inch nominal diameter, 0.375 W, X52 steel pipe. Cathodic protection for this transmission line will be provided by installation of magnesium anodes. Each pipeline will be electrically insulated from any existing systems by installing insulating flanges. The adequacy of the protection will be monitored and tested through corrosion test stations.

• Structures: No additional structures would be needed for the replacement of this pipeline.

 Rights-of-way, Land Requirements: Applicant will not be required to obtain new land rights for the proposed replacement project as the installation will be placed within existing road right-of-way.
Dominion East Ohio has secured a temporary fifteen feet wide construction easement along the east side of McDonald Avenue.

(7) Map of pipeline showing centerline, instructions for locating, viewing the proposed facility

Attachment C is an area map of 1:300 scale that depicts the proposed replacement pipeline's centerline. The map shows streets, roads and highways and provides written instructions for locating and viewing the proposed replacement pipeline. The replacement pipeline will cross 2nd Street (McDonald-Ohltown Road),

6th Street, 7th Street, Florida Avenue, McDonald Avenue, and Watson-Marshall Road.

(8) A list of properties for which the applicant has land rights

Applicant will not be required to obtain new land rights for the proposed replacement project as the installation will be placed within existing road right-of-way. Dominion East Ohio has secured a temporary fifteen feet wide construction easement in the area along the east side of McDonald Avenue. See the list of existing properties with Dominion East Ohio specific easements in Attachment B. Model landowner notification letters are also included for reference. Three notification letters have

been sent to the landowners and two notification letters have been sent to community officials prior to construction start as part of Dominion East Ohio's communication activities. Landowners will also receive notification phone calls and direct contact through Dominion East Ohio on-site personnel during the pipeline construction process.

(C) Documentation of Construction Notice

Public Official Notification, Community Communications about the Project

Dominion East Ohio has contacted various community officials to inform them about this proposed replacement pipeline (Attachment C). Included are the following county, village and township officials:

Mr. Thomas Domitrovich Village Administrator 451 Ohio Avenue McDonald, OH 44437

Mayor Glenn W. Holmes Village of McDonald 451 Ohio Avenue McDonald, OH 44437

Mr. Peter Sudol McDonald Council President 451 Ohio Avenue McDonald, OH 44437

Paul E. Heltzel Trumbull County Commissioner Administrative Building 160 High Street NW Warren, OH 44481 Mr. William Miller, Mr. Fred R. Bobovnyk, Mr. James E. Stoddard c/o Mr. David A. Rouan, Fiscal Officer Weathersfield Township Trustees 1451 Prospect Street Mineral Ridge, OH 44440

Daniel E. Polivka Trumbull County Commissioner Administrative Building 160 High Street NW Warren, OH 44481

Frank S. Fuda Trumbull County Commissioner Administrative Building 160 High Street NW Warren, OH 44481 Mr. David De Christofaro Trumbull County Engineer City Administration Building 34 W. State Street Niles, Ohio 44446

• Letters were/are being mailed to the appropriate officials in McDonald Village, Weathersfield Township, and Trumbull County (Attachment E) along with a copy of this Construction Notice (BNR) on the same day that it was filed with the Ohio Power Siting Board. The officials who were mailed copies of this Construction Notice and the letter are listed in Attachment E.

Dominion East Ohio either has made or will make applications at

the appropriate times for the following permits (Attachment F):

Construction Storm Water Notice of Intent/Storm Water Pollution Prevention Plan ("SWPPP") to the Ohio EPA

U.S. Army Corps of Engineers Preconstruction Notification ("PCN")

Notification Letter to the Ohio Department of Natural Resources

Notification Letter to the US Fish and Wildlife Service

Notification Letter to the Ohio Historic Preservation Service

Trumbull County Soil & Water Conservation District SWPPP Review

Attachment A

McDonald Village Administrator, Thomas Domitrovich - August 27, 2009



McDonald Village

MUNICIPAL BUILDING 451 Ohio Avenue McDonald, OH 44437-1935

Phone: (330) 530-5472 Fax: (330) 530-4320

August 27, 2009

Mr. Mark Schaeffer Dominion East Ohio Gas Company 320 Springside Drive, Suite 320 Akron, OH 44333

RE: Trumbull County, Village of McDonald McDonald Avenue SRTS Sidewalk Improvements

Mr. Schaeffer:

I would like to inform Dominion East Ohio Gas Company of the progress for McDonald's SRTS program. All indications for the construction of this sidewalk will be for calendar year 2010. I am also aware of the Dominion East Ohio Gas Company's infrastructure improvement project in Mahoning and Trumbull Counties. I would ask that the project in the area cast of McDonald Avenue be completed by June 30, 2010. This will enable our already approved ODOT SRTS sidewalk project to be completed before summer ends and school begins. I would like to extend my thanks to Dominion East Ohio Gas Company in particular Tracy Stevens and Harvey Yergin for their efforts to synchronize construction times for both of these projects. I would also like to thank you, Mark, for your communication with our engineer CT Consultants and ODOT District 4 representative Chris Surma,

Sincerely,

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Thomas T. Domitrovich Village Administrator

CC: Mayor Chris Surma McDonald SRTS Committee Members

Attachment B

List of property owners with specific DEO land rights and model notification letters:

McDonald SRTS - From the intersection of McDonald Avenue Watson-Marshall Road north to the Intersection of McDonald Avenue and 2nd Street.						
CURRENT PROPERTY OWNER	MAILING ADDRESS	CITY	STATE	239	DEO EASEMENT of ROAD REGHT-OF- WAY?	ADDITIONAL 15' TEMPORARY DED CONSTRUCTION EASEMENT
Kenneth/Becky Suich	973 McDonald Ave	McDonald	Qh	44437	Road Right of Way	YES
James Kowacich Jr	969 McDoneld Ave	McDonald	Oh	44437	Read Right of Way	省
Patty Greenfield	961 McDonald Ave	McDonaid	Oh	44437	Road Right of Way	YES
Carolyn Reizian	969 Florida Ave	McDonald	Oth	44437	Road Night of Way	VES
Themas Domitrovich - Admin Village of McDonaid	451 Ohio Ave	McDonald	Ch	44437	Road Right of Way	YES
Derrell/Lori Hatton	555 McDonaid Ave	McDonald	Oth	44437	Road Right of Way	YES
Ioseph/Virginia Peluso	535 McDonald Ave	McDonald	Oh	44437	Road Right of Way	YES
William Silves	525 McDonald Ave	McDonald	Oh	44437	Road Right of Way	YEŞ
Sarah Airato	515 McDonald Ave	McDonald	Oh	44437	Road Right of Way	¥65
Tod/Terri Thome	505 McDonald Ave	McDonald	Oh	44437	Road Right of Way	VES
Melissa Moore	495 McDonald Ave	McDonald	Oh	44437	Road Alght of Way	YES
William/Elizabeth Williams	485 McDonald Ave	McDonaid	Oh	44437	Road Right of Way	YES
Dominic Ir/Debra Santangelo	470 Dekota Ave SE	McDonald	Ch.	444.37	Read Right of Way	YES
John/Frances Jerome	450 Dakota Ave	McDonald	Ob	44437	Read Right of Way	Y85
Patrick/Tami Fortune	455 McDonald Ave	McDorvald	C)k	444.37	Road Right of Way	YES
Robert/Diana Kane	445 McDoneld Ave	McDonald	Ch	44437	Road Right of Way	NO
Rich Lenhart	420 Dakota Ave.	McDonald	Ok	44437	Road Right of Way	Yes
Robert Cassidy III	435 McDonald Ave	McDonald	Oh	44437	Read Right of Way	YES
Marleen/Joseph Dikun	360 Dakota Ave	McConaid	OF	44437	Road Right of Way	YES
Robert/Daria Little	350 Dakota Ave	McDonald	Ok	44437	Road Right of Way	YES
Walco Condominium Corp	PO 80x 4007	Toungstown	Ok	44515	Read Right of Way	NO

Dominion East Ohin 320 Springside Drive, Selte 320, Akron. OH 44333



December 18, 2008

Dear Landowner:

Subject: Notification of Natural Gas Pipeline Replacement

Please be advised that Dominion East Ohio (DEO) is the owner of a natural gas pipeline and has made tentative plans to replace the aforementioned natural gas pipeline that crosses various properties in Austintown Township, Mahoning County and Weathersfield Township, Trumbull County.

As part of the replacement notification process, your property (Parcel #) has been identified as being part of the pipeline route involved in this replacement project. DEO anticipates construction to commence some time during the second quarter of 2009. Dominion personnel or its contractors, in the near future, may be accessing your property for the following reasons:

- I. surveying and staking (pipeline route)
- 2. environmental assessment
- 3. archeological digging/exploration
- 4. right of way site preparation
- 5. any other activity as required by the project

If you have tenants occupying this parcel, please advise them of this pipeline replacement project.

Should you have any further questions concerning this pipeline replacement project, please contact our Land Services Department at 330-664-2626.

Sincerely,

DOMINION EAST OHIO

LAND SERVICES DEPARTMENT

File: 020

Dominion East Ohio 320 Springsde Drive, Suin, 320, Meron, OH 44333



June 23, 2009

«Current_Property_Owner» «Address» «City», «State» «Zip»

Dear Landowner:

Subject: Update on Construction

Please be advised that Dominion East Ohio (DEO) is the owner of a natural gas pipeline and has made tentative plans to replace the aforementioned natural gas pipeline that crosses various properties located in Austintown Township, Mahoning County and Weathersfield Township, Trumbull County.

As part of the replacement notification process, your property (Parcel #«Parcel_») has been identified as being part of the pipeline route involved in this replacement project.

The construction on this pipeline has been delayed in order to complete further preliminary work. We are evaluating this project for tentative construction in 2010 or later.

If you have tenants occupying this parcel, please advise them of this pipeline replacement project.

Should you have any further questions concerning this pipeline replacement project, please contact our Land Services Department at 330-664-2626.

Sincerely,

DOMINION EAST OHIO

LAND SERVICES DEPARTMENT

File: 020

Duminian East Ohio 320 Springside Drive, Sune 320, Akron, OH 44,03



February 9, 2010

«Current_Property_Owner» «Address» «City», «State» «Zip»

Dear Landowner:

Subject: Construction of Natural Gas Pipeline Replacement

Pursuant to the prior letters you received, Dominion East Ohio will begin construction of the natural gas pipeline replacement the week of March 1, 2010. Construction is expected to continue through June 30, 2010.

If you have tenants occupying this parcel, please advise them of this pipeline replacement project.

We respectfully request that you call our Land Services Department at 330-664-2626 if you have any questions concerning this pipeline replacement project.

Sincerely,

DOMINION EAST OHIO

LAND SERVICES DEPARTMENT

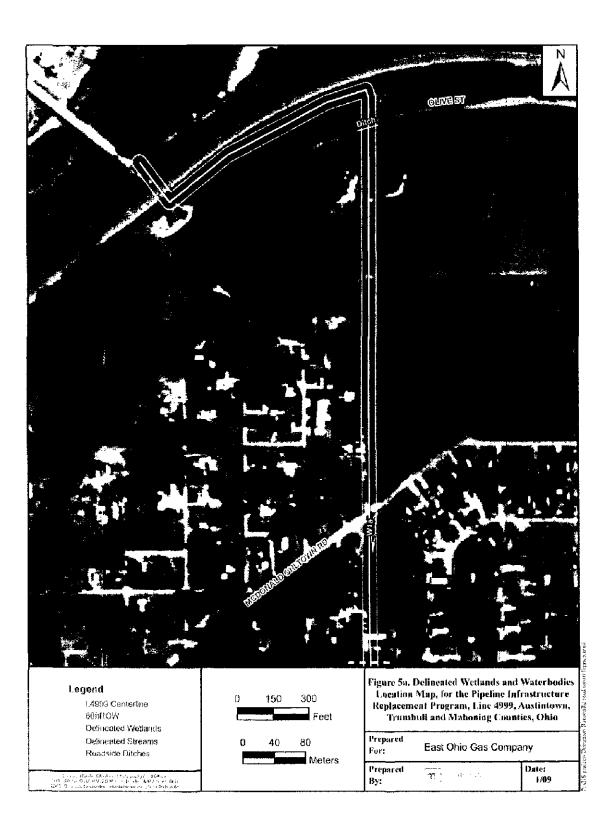
Attachment C

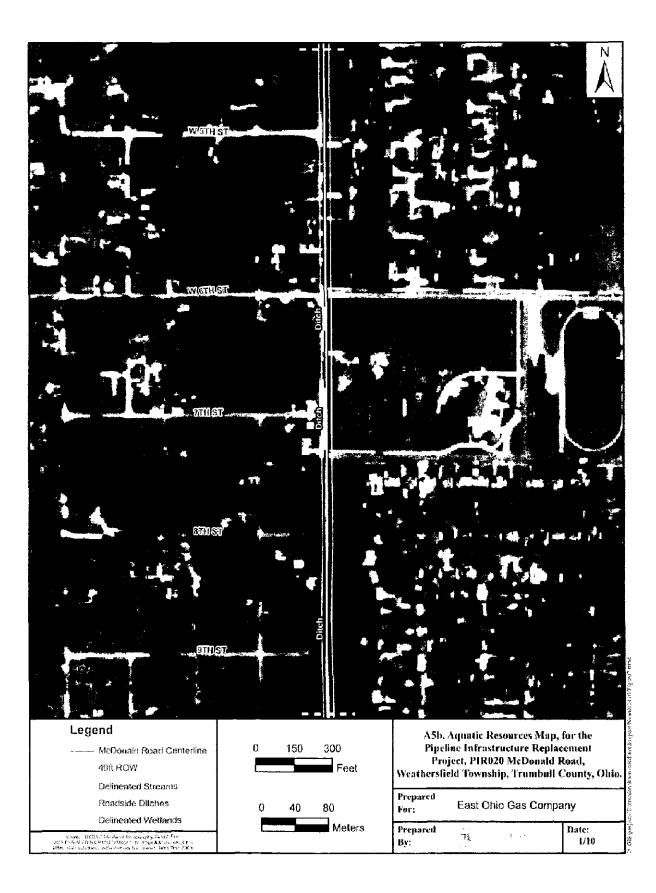
Map showing Centerline of Replacement Pipeline

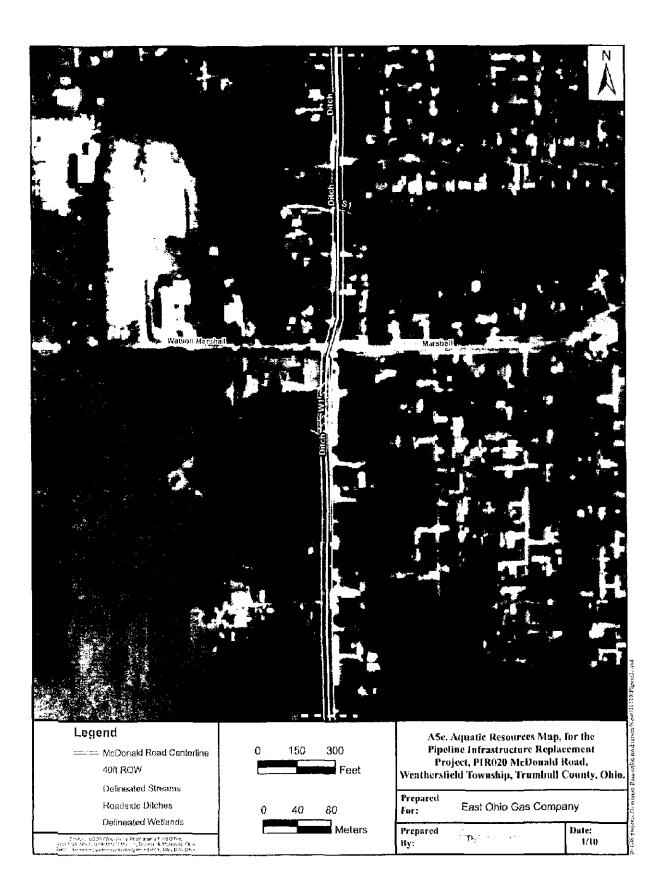
DRIVING DIRECTIONS

Intersection of Ohltown-McDonald Road and McDonald Avenue in McDonald Village.

To gain access to the site from the south, drive northerly on 1-71. Follow I-76 East to I-80 East. Exit on Salt Springs Road (Exit 226) and turn left (northwest). Turn right (north) onto Owsley Road. Owsley Road becomes McDonald Avenue. Continue on McDonald Avenue approximately 1 mile to the intersection of Ohltown-McDonald Road (Second Street) and McDonald Avenue.







Attachment D

Model letter to Local Officials Informing them about the Pipeline Replacement.

Dominion East Ohio 320 Springside Drive, Suite 320, Akron, OH 44,535



March 10, 2009

Mr. Fred Bobovnyk 1861 Cloverbrook Drive Mineral Ridge, Ohio

Re: Notification of Clearing/Construction in Dominion East Ohio (DEO) Right of Way and/or in the public Right of Way

Dear Mr. Bobovnyk:

This is to inform you that we will be conducting work in your community in preparation for mainline replacement under the Dominion Pipeline Infrastructure Replacement Program. This is to let you know that we will be working in and around surrounding areas Austintown, Mineral Ridge, McDonald, Niles Townships., Trumbull, and Mahoning Counties. While we are there it may be necessary to remove trees that interfere with access in the Dominion casement and /or Public right Of Way.

DEO anticipates clearing to begin the week of March 16, 2009, and construction to commence the after June 1, 2009. Please note that we are sensitive to your community's needs. We have notified the residents of up coming work in the area. All applicable permits will be filed.

We wanted to make sure you are aware of our presence in the neighborhood and that we are engaged in a project that will provide great benefit in the years to come. Please let us know if you have any questions and or concerns.

Contact Lori Yuan, Sr. Communication Specialist on PIR projects at (330) 664-2519 or Tracy Stevens, External Affairs Manager at (330) 478-3104.

Respectfully,

Lori Yuan, Sr. Communication Specialist Pipeline Infrastructure Replacement

CC: Daniel Apitz, Project Manager (330) 664-2513

Dominian East Ohia 320 Springside Drive, Saite 320, Akton. OH 44333



February 5, 2010

Municipal Entity Address City/state/zip

Subject: Natural Gas Main Line Replacement Work Rescheduled

Dominion East Ohio previously notified you in March of 2009 that one or more gas main lines would be replaced in your community. Work to replace the pipeline(s) has been rescheduled for March of this year.

As a reminder, we will perform the main line work in the public Right-of-Way, which includes the tree tawn area, and in DEO easements on private property, which includes residential yards, agricultural fields, and wooded areas. This may require removal of obstructions located in the Right-of-Way.

Once the work is complete, restoration will begin as soon as weather parmits. Final restoration of winter construction projects will not begin until after April 1. Typical yard restoration is limited to grading and seeding. Handcover restoration will occur as soon as possible weather permitting, except as specified otherwise by local or county requirements.

Safety is Dominion's highest priority. Be assured we will take every possible step to ensure the security of the area, property, customers and their family members, and our employees. Any employee or contractor that will need to access inside gas equipment will carry a Dominion photo ID.

Our intent is to cause the least amount of inconvenience to customers during construction. There will be informational signs posted and information will be available on our Web site at www.dom.com, keyword: Pipelina Replacement, and by phone at 1-800-544-5768. If you have specific questions, you are always free to ask our employees or contractors in the area. You may also call our Ohio Construction Support Department at the phone number above Monday through Friday, from 7 a.m. to 7 p.m. or send an e-mail to OhioConstructionSupport@dom.com.

Thank you for your patience and understanding as we work to improve our lines to provide you the safest and most reliable gas service possible.

Tracy Stevens External Affairs Manager

Attachment E

List of Officials Who Received a copy of the Construction Notice (BNR).

A copy of the sample letter to local public officials informing them about the BNR is attached.

Mr. Thomas Domitrovich Village Administrator 451 Ohio Avenue McDonald, OH 44437

Mayor Glenn W. Holmes Village of McDonald 451 Ohio Avenue McDonald, OH 44437

Mr. Peter Sudol McDonald Council President 451 Ohio Avenue McDonald, OH 44437

Mr. William Miller Mr. Fred R. Bobovnyk Mr. James E. Stoddard c/o Mr. David A. Rouan, Fiscal Officer Weathersfield Township Trustees 1451 Prospect Street Mineral Ridge, OH 44440 Paul E. Heltzel Trumbull County Commissioner Administrative Building 160 High Street NW Warren, OH 44481

Daniel E. Polivka Trumbull County Commissioner Administrative Building 160 High Street NW Warren, OH 44481

Frank S. Fuda Trumbull County Commissioner Administrative Building 160 High Street NW Warren, OH 44481

Mr. David De Christofaro Trumbull County Engineer City Administration Building 34 W. State Street Niles, Ohio 44446

SAMPLE LETTER

February 11, 2010

«Address»

Re: McDonald Village SRTS Replacement, Ohio Power Siting Board Case No. 10-146-GA-BLN

Dear «Salutation»:

Dominion East Ohio Gas Company plans to replace +/-4,200 feet of the existing twelve inch high pressure distribution pipeline (L#4999) and +/-4,200 feet of the existing parallel eight inch high pressure distribution pipeline (L#412). Each line runs along the east side of McDonald Avenue from the intersection of Ohltown-McDonald Road and McDonald Avenue in McDonald Village. Each line continues south along McDonald Avenue within road right-of-way to the intersection of Watson-Marshall Road and McDonald Avenue. The lines are in Weathersfield Township in Trumbull County. The enclosed Construction Notice has been filed today with the Ohio Power Siting Board ("Board").

In accordance with the provisions of Ohio Administrative Code (OAC) Rule 4906-1-01, Appendix B, this project falls within the Board's requirements for a Construction Notice. Therefore, in compliance with OAC Rule 4906-11-02 of the Board's rules and regulations, we have prepared and filed the attached Construction Notice with the Board for their review and approval. These materials contain a description of the replacement pipeline.

If you have any questions or require additional information please call Mark Schaeffer at (330) 664-2517.

Sincerely,

Sally W. Bloomfield

Enclosure

ATTORNEYS AT LAW Columbus I Cleveland Cincinnati-Dayton

Bricker & Eckler

BRICKER & ECKLER LLP 100 South Third Street Columbus, Ohio 43215-4291 MAIN: 614.227.2300 FAX: 614.227.2390

www.bricker.com info@bricker.com

Sally W. Bioomfield 614.227.2368 sbloomfield@bricker.com

Attachment F

Agency Letters Attached:

U.S. Fish and Wildlife Service, Mary Knapp - April 27, 2009

Ohio Historic Preservation Office, David Snyder - April 15, 2009.

Ohio Department of Natural Resources, Mr. Brian Mitch - March 4, 2009

U.S. Army Corps of Engineers, Nancy Mullin – January 29, 2010

Trumbull County Soil & Water Conservation District, Jason Trapp - January 29, 2010

U.S. Fish and Wildlife Service, Mary Knapp - April 27, 2009

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United States Department of the Interior

FISH AND WILDLIFE SERVICE

Ecological Services 4625 Morse Road, Saite 104 Columbus, Ohio 43230 (614) 416-8993 / FAX (614) 416-8994 April 27, 2009

Sam Mathew Manager Environmental 320 Springside Drive, Suite 320 Akron, OH 44333

TAILS: 2009-TA-0345 2009-FA-0160

Re: East Ohio Gas Company, Pipeline Infrastructure Replacement Program L4999 and L412

Dear Mr. Mathew:

This is in response to your February 2, 2009 letter requesting information regarding federally threatened and endangered species at the above-referenced project site. The proposed project involves the replacement of approximately 4.1 miles of Lines 4999 and 412 under EOG's Pipeline Infrastructure Replacement (PIR) program. The proposed project involves pipe replacement in three sections beginning at the Niles East border station on Olive Rd. and ending approximately 100 ft. north of Mahoning Ave. and is located in Trumbull and Mahoning Counties. We understand that a 60' survey corridor was observed centered on the existing ROW, in which open meadow, upland forest, road ROW, residential lawn, stream, and wetland habitats were documented. According to your letter, the proposed project site is primarily located within upland residential areas and some forested areas. In addition, 9 streams and 10 wetlands are crossed or encountered within the proposed alignment's 60' survey area.

There are no Federal wildlife refuges, wilderness areas, or Critical Habitat within the vicinity of this site.

We recommend that proposed developments avoid and minimize water quality impacts and impacts to high quality fish and wildlife habitat, such as forests, streams, and wetlands. Best construction techniques should be used to minimize crossion, particularly on alopes. Additionally, natural buffers around streams and wetlands should be preserved to enhance beneficial functions. In addition, we support and recommend mitigation activities that reduce the likelihood of invasive plant spread and encourage native plant colonization. Prevention of nonnative, invasive plant establishment is critical in maintaining high quality habitats. All disturbed areas in the project vicinity should be mulched and revegetated with native plant species. Staging areas should be kept well away from streams and wetlands, and construction areas should be quickly replanted with native vegetation following construction.

ENDANGERED SPECIES COMMENTS: The proposed project lies within the range of the Indiana bat (*Myotis sodalis*), a federally listed endangered species. Since first listed as endangered in 1967, their population has declined by nearly 60%. Several factors have contributed to the decline of the Indiana bat, including the loss and degradation of suitable hibernacula, human disturbance during hibernation, pesticides, and the loss and degradation of

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forested habitat, particularly stands of large, mature trees. Fragmentation of forest habitat may also contribute to declines. During winter, Indiana bats hibernate in caves and abandoned mines. Summer habitat requirements for the species are not well defined but the following are considered important:

(1) dead or live trees and snags with peeling or exfoliating bark, split tree trunk and/or branches, or cavities, which may be used as maternity roost areas;

(2) live trees (such as shagbark hickory and oaks) which have exfoliating bark;

(3) stream corridors, riparian areas, and upland woodlots which provide forage sites.

It appears that habitat exhibiting the characteristics described above may be present at the proposed project site. This includes the shagbark hickory trees with exfoliating bark described in your letter, which were found more than 15 feet from the proposed centerline, and which you state will be retained. Also, photos and site description provided indicate that other suitable foraging habitat may be available for the Indiana bat along the proposed alignment. Therefore, we recommend that any trees exhibiting any of the characteristics, listed above, as well as surrounding trees, be saved wherever possible. If trees cannot be avoided, they should only be cut between September 30 and April 1. Due to the small area of impact, the linear nature of the project, and the limited amount of potential roosting habitat, we believe that implementation of the seasonal tree clearing guidelines is sufficient to avoid and minimize any potential effects to the Indiana bat. If the seasonal tree clearing guidelines cannot be implemented, mist net or other surveys may be warranted to determine if bats are present. Any survey should be designed and conducted in coordination with the Endangered Species Coordinator for this office.

The proposed project lies within the range of the elubshell (*Pleurobema clava*), a federally listed endangered freshwater mussel. The clubshell inhabits areas with sand or gravel substrate and also prefers areas with riffles and runs. The proposed project also lies within the range of the sheepnose mussel (*Plethobasus cyphynts*), a Federal Candidate freshwater mussel, which is potentially found in the Ohio River. However, due to the project type, size, and location, the project, as proposed, should not impact these species or their habitat.

The project lies within the range of the eastern massassauga (Sistrurus catenatus catenatus), a docile rattlesnake that is declining throughout its national range and is currently a Federal Candidate species. The snake is currently listed as endangered by the State of Ohio. The massasauga is often found in or near wet areas, including wetlands, wet prairie, or nearby woodland or shrub edge habitat. This often includes dry goldenrod meadows with a mosaic of early successional woody species such as dogwood or multiflora rose. Wet habitat and nearby dry edges are utilized by the snakes, especially during the spring and fall. Dry upland areas up to 1.5 miles away are utilized during the summer; if available. The nearest known records of eastern massasauga are several miles from the project area and no suitable habitat exists within the immediate project area. Therefore, no impacts to this species are anticipated.

MIGRATORY BIRD COMMENTS: The proposed project lies within the range of the bald eagle (Haliacetus leucocephalus), a species protected under the Bald and Golden Eagle Protection Act and the Migratory Bird Treaty Act. The nearest known nest is more than 4 miles from the project area. Therefore, due to the project type, size, and location, the project, as

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proposed, should not impact this species or its habitat. This precludes the need for further action on this project as required by the Migratory Bird Treaty Act, and the Bald and Golden Eagle Protection Act.

Should additional information on listed or proposed species or their critical habitat become available or if new information reveals effects of the action that were not previously considered, our comments and recommendations may be reconsidered. These comments have been prepared under the authority of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.), the Endangered Species Act of 1973 (ESA), as amended, and are consistent with the intent of the National Environmental Policy Act of 1969 and the U.S. Fish and Wildlife Service's Mitigation Policy. This letter provides technical assistance only and does not serve as a completed section 7 consultation document.

We appreciate the opportunity to provide these comments. If you have questions, or if we may be of further assistance in this matter, please contact Jennifer Smith-Castro at extension 14 in this office or by email at Jennifer_Smith-Castro@fws.gov.

Sincerely,

Mary Knapp

Mary Knapp, Ph.D. Field Supervisor

CC:

ODNR, DOW, SCEA Unit, Columbus, OH Brad Schaeffer, Tetra Tech, Inc. 285 Ellicott St, Buffalo, NY 14203

Ohio Historic Preservation Office, David Snyder - April 15, 2009.



RECEIVED

DOMENNA Auto ENVERONMENTAL SERVICES

APR 2.2 2009

April 15, 2009

Mark D. Reaser Dominion East Ohio 445 W. Main Street Clarksburg, WV 26301

Re: Dominion East Ohio Gas ~ Lines 4999 and 412 - Infrastructure Replacement Project Weatherfield Township, Trumbull County and Austintown Township, Mahoning County, Ohio

Dear Mr. Russell,

This is in response to correspondence from your office dated February 11, 2009 (received February 17) transmitting the report titled "Phase I Cultural Resources Investigation Report: Bare Steel Pipeline Infrastructure Replacement Program – Lines 4999 & 412, Townships of Weatherfield and Austintown, Trumbull and Mahoning Counties, Ohio" by Aaron M. Clute, January 2009, regarding the above referenced project. The comments of the Ohio Historic Preservation Office (OHPO) are submitted in accordance with provisions of the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470 [36 CFR 800]).

The project involves replacement of approximately 4.1 miles of bare steel natural gas pipeline. The report documents an intensive survey of the project area. The survey included background review, pedestrian walk-over, and shovel testing. No archaeological sites were identified. The report also includes representative photographic documentation along the project corridor.

Four historic properties were identified during the survey. These include two architectural properties and two cemeteries. All appear to be located outside of the project right-of-way. The John C. Marshall house (listed in the National Register) is located on the west side of McDonald Avenue, in McDonald, Ohio. The Disciple Church Cemetery, Four Mile Run Church, and Four Mile Run Cemetery are located along the east side of Raccoon Road south of where the project right-of-way extends under Interstate 680 in Mahoning County. The report doesn't provide photographs showing the historic properties from the right-of-way.

Based on available information, we agree that no further archaeological fieldwork is needed for this project. We recommend that you compile a photo log with before, during, and after photographs showing the four properties from the project right-of-way. This photo log should be maintained with your files. No further coordination with this office is necessary for this project unless there is a change in the scope of work. In addition, if new or additional properties are discovered this office should be notified [36 CFR 800.13].

ONIO HISTORICAL SOCIETY

Oble Historic Preservation Office 1982 Velme Avenue, Calumbus, Orio 43213-2497 ph: 634-298.2000 fb: 634.298.2037 www.shiakistory.org

Mr. Mark D. Reaser April 15, 2009 Page 2

Please note that the project is in proximity to 4 identified cultural resources (see Page 25 in the report). When constructing in front of an older residence or older building, or near a cemetery, caution is needed to avoid damage, minimize impacts, and to restore the project area to preexisting conditions. The contractor's notes should include specific information on the plan for avoiding effects during construction between specified stations. At some locations it may be necessary to place temporary construction tape or plastic fencing to ensure avoidance.

Finally, please note that the date of the report (2008) appears to be incorrect. The 2008 date is carried forward on Page 1, but on Page 14 the date is corrected to 2009. This error isn't uncommon. We have penciled in corrections. You should also pencil in corrections to the report maintained in your permanent files.

Any questions concerning this matter should be addressed to David Snyder at (614) 298-2000, between the hours of 8 am, to 5 pm. Thank you for your cooperation.

Sincerely,

David Snyder, Ph.D., RPA, Archaeology Reviews Manager Resource Protection and Review

DMS:ds (OHPO Serial Number 1023899)

xc: Bonnie L. Locking, Tetra Tech, Inc.,, 285 Ellicott Street, Buffalo, NY 14220

Ohio Department of Natural Resources, Mr. Brian Mitch - March 4, 2009

From:Mitch, Brian [Brian.Mitch@dnr.state.oh.us]Sent:Wednesday, March 04, 2009 4:36 PMTo:sam.s.mathew@dom.com; Schaeffer, BradSubject:09-0038; DEOG PIR - Lines 4999 and 412Attachments:oledata.mso



ODNR COMMENTS TO Sam Mathew, Dominion East Obio Gas, 320 Springside Drive, Suite 320, Akron Ohio 43333

Location: The site is located in Sections 1, 2, and 3, Weathersfield Township, Trumbull County, and Austintown Township, Mahoning County, Girard and Youngstown Quadrangles.

Project: Three sections of lines 4999 and 412, a total of approximately 4.1 miles, are intended to be replaced.

The Ohio Department of Natural Resources (ODNR) has completed a review of the above referenced project. These comments were generated by an inter-disciplinary review within the Department. These comments have been prepared under the authority of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.), the National Environmental Policy Act, the Coastal Zone Management Act, Ohio Revised Code and other applicable laws and regulations. These comments are also based on ODNR's experience as the state natural resource management agency and do not supersede or replace the regulatory authority of any local, state or federal agency nor relieve the applicant of the obligation to comply with any local, state or federal laws or regulations.

Rare and Endangered Species: The ODNR, Division of Natural Areas and Preserves, Natural Heritage Database contains no records of rare species or unique natural features within the proposed projects and there are no state nature preserves, state parks, wildlife areas, or scenic rivers in the vicinity of the sites.

Our inventory program has not completely surveyed Ohio and relies on information supplied by many individuals and organizations. Therefore, a lack of records for any particular area is not a statement that rare species or unique features are absent from that area.

Fish and Wildlife: The ODNR, Division of Wildlife (DOW) has the following comments.

The project is within the range of the Indiana bat (Myotis sodalis), a state and federally endangered species. The following species of trees have relatively high value as potential Indiana bat roost trees: Shagbark hickory (Carya ovata), Shellbark hickory (Carya laciniosa), Bitternut hickory (Carya cordiformis), Black ash (Fraxinus nigra), Green ash (Fraxinus pennsylvanica), White ash (Fraxinus americana), Shingle oak (Quercus imbricaria), Northern red oak (Quercus rubra), Slippery elm (Ulmus rubra), American elm (Ulmus americana), Eastern eottonwood (Populus deltoides), Silver maple (Acer saccharinum), Sassafras (Sassafras albidum), Post oak (Quercus stellata), and White oak (Quercus alba). Indiana bat habitat consists of suitable trees that include dead and dying trees of the species listed above with exfolinting bark, crevices, or eavities in upland arcas or riparian corridors and living trees of the species listed above with exfolinting bark, cavities, or hollow areas formed from broken branches or tops. If suitable trees must be cut within the project area, these trees must be conserved. If suitable habitat occurs on the project area and trees must be cut, cutting must occur between September 30 and April 1. If suitable trees must be cut during the summer months of April 2 to September 29, a net survey must be conducted in May or June prior to cutting. If no tree removal is proposed, the project is not likely to impact this apecies.

The project is within the range of the bald eagle (*Hallaeetus leucocephahus*), a state threatened species. The location of bald eagle activity frequently changes. Therefore, closer to the actual date of construction, the applicant must obtain an updated

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Page 2 of 2

status of bald eagle activity in the area. To obtain any changes in status, contact Andrea Tibbels or Dave Sherman at the Ohio Department of Natural Resources, Division of Wildlife, Crane Creek Wildlife Research Station, for current information on the presence of bald eagles in the area. Andrea can be reached at (419) 898-0960 extension 25 and Dave at extension 24. If a nest is located within ½ mile of the project site, coordination with the DOW is required.

The project is within the range of the black bear (Ursus americanus), a state endangered species. Due to the mobility of this species, the project is not likely to have an impact on this species.

The portion of the project located in Mahoning County is within the range of the Northern harrier (*Circus cyaneus*), a state endangered bird. Due to the land use of the project area and adjacent area, the DOW believes the project is not likely to impact this species.

The portion of the project located in Transbull County is within the range of the Eastern massasauga (Sistrurus catenatus), a state endangered and a federal candidate snake species. Due to the location of the project, the DOW believes the project is not likely to impact this species.

The portion of the project located in Trumbull County is within the range of the clubsholl (*Pleurobema clava*), a state and federally endangered mussel, and the snuffbox (*Epioblanma triquetra*), a state endangered mussel. If there is a history of mussels near the proposed project area, it may be necessary for a professional malacologist to conduct a mussel survey in the project area. If no in-water work is proposed, the project is not likely to impact these species and a survey is not required.

The portion of the project located in Trumbull County is within the range of the bobcat (Lynx rufus), a state endangered species. Due to the mobility of this species, the project is not likely to have an impact on this species.

The portion of the project located in Trumbull County is also within the range of the mountain brook hamprey *(lehthyomyzon greeleyi*), a state endangered fish. Due to the mobility of this species the project is not likely to impact this species.

The project is within the range of the yellow-bellied sapsucker (*Sphyrapicus varius*), a state endangered bird, and the snowy egret (*Egretta thula*), a state endangered species. Due to the land use of the project area and surrounding area, the DOW believes the project is not likely to impact these species.

Geological Survey: The ODNR, Division of Geological Survey has the following comments. This project, Line 4999, will encounter shallow bedrock from about 925 to 1020 feet in elevation. The bedrock that will be encountered are Mississipian-age sandstone and shale and Pennsylvanian-age quartz rich sandstone. The Mississipian and Pennsylvanian contact will occur around 950 feet.

ODNR appreciates the opportunity to provide these comments. Please contact Brian Mitch at (614) 265-6378 if you have questions about these comments or need additional information.

Brian Mitch, Environmental Review Manager Ohio Department of Natural Resources Environmental Services Section 2045 Morse Road, Building D-3 Columbus, Ohio 43229-6693 Office: (614) 265-6378 FAX: (614) 267-4764 brian.mitch@dor.state.oh.us

U.S. Army Corps of Engineers, Nancy Mullin – January 29, 2010

Dominion Resources Services, Inc. 445 West Main Street, Clarksburg, WV 26301 Web Address: www.dom.com



January 29, 2010

BY FED EX

Ms. Nancy Mullen Regulatory Section Chief U.S. Army Corps of Engineers - Pittsburgh District William S. Moorhead Federal Building 1000 Liberty Avenue Suite 2200 Pittsburgh, PA 15222

Re: <u>East Ohio Gas Company, Pipeline Infrastructure Replacement Program</u> <u>Notification of Project Modifications for Preconstruction Notification for</u> <u>NWP #12</u> <u>PIR 020 - McDonald Project</u>

Dear Ms. Mullen:

East Ohio Gas Company (EOG) transmitted a Preconstruction Notification (PCN) on March 13, 2009, pursuant to the U.S. Army Corps of Engineers (USACE) Nationwide Permit #12 – Utility Line Activities for the replacement of 4.1 miles of natural gas pipeline located in the Township of Austintown, Mahoning County and the Township of Weatherfield, Trumbull County, Ohio. In response to the submitted PCN, the Pittsburgh District issued Permit No. 2009-00645 on July 29, 2009 for the project.

This correspondence is being sent to notify you of changes to the project due to scheduling constraints for public projects in the same area. The footprint has not changed; all projects discussed below constitute portions of the original project described in EOG's original submitted materials. EOG is proposing to complete three separate and complete projects, each with independent utility. Each project can be constructed without the construction of the other projects, and is not reliant on the construction of the other segments to continue function of the gas pipeline. The first project consists of the northern-most 2.3 miles of the original project within Weathersfield Township, Trumbull County. This project is proposed to be constructed in spring 2010, and has been named the PIR 020 - McDonald Project. The PIR 020 - McDonald project extends from the Niles Border Station south to 5,200 feet south of Watson-Marshall Road. The remaining project portions will be completed as separate projects in either 2011 or at a later date due to the requirement for a full Certificate Application from Ohio Power Siting Board (OPSB) for the southern-most portion of the original project.

Within the same area as the PIR 020 - McDonald Road Project, McDonald Village has received a Safe Route to School (SRTS) award to install a sidewalk on the east side of the

McDonald Avenue; there is currently no sidewalk in this area. It has been requested that EOG complete the proposed gas pipeline replacement by June 30, 2010 to prevent delaying the sidewalk project. In addition, Olive Street will be repayed in the spring of 2010, and EOG is coordinating with the Village of McDonald to complete the pipeline crossing at this street before the paying project is completed.

In addition to the changes noted above, EOG proposes to reduce the construction Rightof-Way (ROW) from 60 feet wide to 40 feet wide through wetlands and streams. All impacts to aquatic resources will be temporary, and impacted areas will be restored to preconstruction contours. The PIR 020 - McDonald Project will cross four (4) wetlands and six (6) streams and temporarily affect 0.472 acres of wetland habitat. One wetland is classified as palustrine (freshwater) forested (PFO) wetland, one as a palustrine emergent (PEM) wetland, and two wetlands displayed components of both PFO and PEM communities. However, because there is an existing maintained ROW, PFO areas will not require clearing and will be avoided. All temporary impacts would be restricted to PEM areas and no temporary or permanent impacts to PFO wetlands would occur with implementation of the project. EOG will no longer be utilizing Horizontal Direction Drilling technology to cross wetland W1, wetland W3, or stream S3 due to scheduling constraints associated with the PIR 020 - McDonald Project.

Revised Impact Tables, Site Location Maps, and Aquatic Resources Maps are included with this notification letter for your convenience. It is EOG's understanding that the previously issued DA Permit 2009-00645 will remain valid for the PIR 020 - McDonald project. Construction on this project is scheduled to start March 1, 2010.

If you have questions or need additional information, please feel free to contact Judith Box at (330) 664-2579.

Sincerely,

M Alessy

Mark D. Reaser Director, Gas Environmental Services

Enclosures: Attachment A, Site Location and Aquatic Resource Maps

cc. J. Box, Dominion

Trumbull County Soil & Water Conservation District - Jason Trapp, January 29, 2010

Dominion Resources Services, Inc. 445 West Main Street, Clarksburg, WV 26301 Web Address: www.dom.cam



January 29, 2010

BY FEDEX

Jason Trapp Storm Water Specialist Trumbull Soil & Water Conservation District 520 West Main Street, Suite #3 Cortland, OH 44410

Re: <u>East Ohio Gas Company, Pipeline Infrastructure Replacement Program</u> <u>Notification of Project Modifications for the Trumbull Soil & Water</u> <u>Conservation District</u> <u>Storm Water Pollution Prevention Plan (SWPPP) Review</u> <u>PIR 020 - McDonald Project</u>

Dear Mr. Trapp:

East Ohio Gas Company (EOG) transmitted a Storm Water Pollution Prevention Plan (SWPPP), NOI Approval, and Trumbull County Erosion Sedimentation and Control (ESC) Application for the replacement of 4.1 miles of natural gas pipeline located in the Township of Austintown, Mahoning County and the Township of Weathersfield, Trumbull County, Ohio on July 9, 2009. In response to the submitted materials, the Trumbull County SWCD requested additional information, which was submitted by EOG August 20, 2009. The Trumbull SWCD issued final approval on August 25, 2009 for the project.

This correspondence is being sent to notify you of changes to the project due to scheduling constraints for public projects in the same area. The project footprint has not changed; all sections discussed below constitute portions of the original project described in EOG's original submitted materials. EOG is proposing to complete the northern 2.3 miles of the original project within Weathersfield Township, Trumbull County, in spring 2010. This portion of the original project tax been named the PIR 020 - McDonald Project. The PIR 020 - McDonald project extends from the Niles Border Station south to 5,200 feet south of Watson-Marshall Road. The remaining project portions will be completed as separate projects in either 2011 or at a later date due to the requirement for a full Certificate Application from OPSB for the southern-most portion of the original project.

Within the PIR 020 - McDonald Road project area, McDonald Village has received a Safe Route to School (SRTS) award to install a sidewalk on the east side of the McDonald Avenue; there is currently no sidewalk in this area. It has been requested that EOG complete the proposed gas pipeline replacement by June 30, 2010 to prevent delaying the sidewalk project. In addition, Olive Street will be repayed in the spring of 2010, and EOG is coordinating with the Village of McDonald to complete the pipeline

crossing at this street before the paving project is completed.

In addition to the project changes noted above, EOG proposes to reduce the construction Right-of-Way (ROW) from 60 feet wide to 40 feet wide through wetlands and streams. All impacts to aquatic resources will be temporary, and impacted areas will be restored to preconstruction contours. The PIR 020 - McDonald Project will cross four (4) wetlands and six (6) streams and temporarily affect 0.472 acres of wetland habitat. Appropriate Best Management Practices will be implemented for all project portions as described in the updated SWPPP. EOG will no longer be utilizing horizontal directional drilling technology to cross wetland W1, wetland W3, or stream S3 due to scheduling constraints associated with the PIR 020 - McDonald Project.

The U.S. Army Corps of Engineers issued Permit 2009-00645 under Nationwide Permit #12 for the project on July 29, 2009, and is also being apprised of the changes described above.

Per coordination conducted via telephone with your office on January 12, 2010, EOG understands that the original application and fee submitted to the Trumbull Soil and Water Conservation District apply to the entire project, which will be completed in separate portions from 2010 (PIR 020 - McDonald Project) to 2011 and beyond (remaining portions). EOG is submitting a revised SWPPP for the PIR 020 - McDonald Project that reflects the changes in ROW width and crossing techniques discussed above. Updated figures and impact tables are included in Appendix A of the SWPPP.

If you have questions or need additional information, please feel free to contact Judith Box at (330) 664-2579.

Sincerely,

MA Aleases

Mark D. Reaser Director, Gas Environmental Services

Enclosures: Revised SWPPP

ec. J. Box, Dominion