

APPENDIX T

References

- American Hospital Directory. 2015. Hospital Statistics by State. Available at: http://www.ahd.com/state_statistics.html.
- ANR Pipeline Company (ANR). 2015. ANR East Pipeline. Available at: https://anrpl.com/company_info/.
- Battelle. 2013. Washington County, Pennsylvania. Retrospective Case Study Characterization Report. Technical Memo 1: Battelle Contract No. CON00011206. Available at: http://anga.us/media/testimony/598B07D5-5056-9F69-D4A2B208B490DF6E/files/13%20Feb%2022%20FinalWashingtonCountyReport_clean%2021.pdf.
- Beschta, Robert L. and R. Lynn Taylor. 1988. Stream Temperature Increases and Land Use in a Forested Oregon Watershed. Journal of the American Water Resources Association.
- Bureau of Labor Statistics. 2015a. Local Area Unemployment Statistics, County Data. Available at: <http://www.bls.gov/lau/laucntycur14.txt>.
- Bureau of Labor Statistics. 2015b. Local Area Unemployment Statistics, State Data. Available at: <http://www.bls.gov/lau/ststdnsadata.txt>.
- Coleman, et al. 2011. Assessment of Undiscovered Oil and Gas Reserves of the Devonian Marcellus Shale of the Appalachian Basin Province. USGS Fact Sheet 2011-3092.
- Coles, M. 2013. Email from Michael Coles, Coles and Associates, to K. Sechrist, Cardno ENTRIX, concerning appraised value of properties with a pipeline easement. December 6, 2013.
- Coles, M. 2014. Email from Michael Coles, Coles and Associates, to K. Sechrist, Cardno ENTRIX, discussion concerning appraised value of properties with a pipeline easement and/or near a compressor station. March 26, 2014.
- Columbia Pipeline Group (Columbia). 2015. Leach Xpress. Available at: <https://www.cpg.com/current-projects/leach-xpress-project>. Accessed June 2015.
- Cornell Lab of Ornithology. 2015. Available at: <http://www.birds.cornell.edu/Page.aspx?pid=1478>.
- Council on Environmental Quality (CEQ). 1997a. Environmental Justice, Guidance under the National Environmental Policy Act. Executive Office of the President, Washington, DC.
- Council on Environmental Quality (CEQ). 1997b. The 1997 Annual Report of the Council on Environmental Quality. Available at: <https://ceq.doe.gov/nepa/reports/1997/index.html>.
- Council on Environmental Quality (CEQ). 2005. Guidance on the Consideration of Past Actions in Cumulative Effects Analysis. Available at: http://www.gsa.gov/graphics/pbs/CEQ_Guidance_Consideration_PastActions_CumulativeEffectsAnalysis.pdf.
- Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of Wetlands and Deepwater Habitats in the United States. U.S. Fish and Wildlife Service, Office of Biological Services. FWS/OBS 79/31: 47 p.

- Diskin, Barry A, Jack P. Friedman, Sepero C. Peppas, and Stephanie R. Peppas. 2011. The Effect of Natural Gas Pipelines on Residential Value. Available at: <http://pstrust.org/docs/>.
- Dominion Transmission Inc. (Dominion). 2015a. Supply Header Project. Available at: <https://www.dom.com/supplyheader>.
- Dominion Transmission Inc. (Dominion). 2015b. Atlantic Coast Pipeline. Available at: <https://www.dom.com/corporate/what-we-do/natural-gas/atlantic-coast-pipeline>.
- Energy Information Administration (EIA). 2008. U.S. Underground Natural Gas Storage Facilities, Close of 2007. Available at: http://www.eia.gov/pub/oil_gas/natural_gas/analysis_publications/ngpipeline/undrgrndstor_map.html.
- Environmental Laboratory. 1987. Corps of Engineers Wetlands Delineation Manual. Technical Report Y-87-1. U.S. Army Engineer Waterways Experiment Station, Vicksburg, Mississippi.
- Equitrans. 2015. Ohio Valley Connector. Available at: <http://ohiovalleyconnector.com/maps/>.
- Esch, J. 2012. Bedrock Topography, Glacial Drift Thickness, Bedrock Outcrops and Bedrock Valleys of Michigan. Michigan Department of Environmental Quality, Michigan State University. Available at: http://www.mbgs.org/newsletters/2012/MBGS_11_12.pdf.
- Faill, Rodger. 2003. Earthquake Epicenters in and near Pennsylvania. Pennsylvania Department of Conservation and Natural Resources, Geologic Survey. Map 69, Earthquake Catalog and Epicenter Map of Pennsylvania. Available at: <http://www.dcnr.state.pa.us/topogeo/hazards/earthquakes/map69quakes/index.htm>.
- Federal Emergency Management Agency (FEMA). 2015. Flood Map Service Center. Available at: <https://msc.fema.gov/portal>.
- Federal Energy Regulatory Commission (FERC). 2014. Final Environmental Impact Statement for the Constitution Pipeline and Wright Interconnect Projects. Docket Nos. CP13-499-000 and CP13-502-000.
- Federal Transit Authority (FTA). 2006. Transit Noise and Vibration Impact Assessment. Available at: http://www.fta.dot.gov/documents/FTA_Noise_and_Vibration_Manual.pdf.
- Fenneman, N.M., and Johnson, D.W. 1946. Physiographic Divisions of the Conterminous U.S. U.S. Geologic Survey. Available at: <http://water.usgs.gov/lookup/getspatial?physio>.
- Frazier, W.J. 2007. Coastal Plain Geologic Province. Columbus State University. Available at: <http://www.georgiaencyclopedia.org/articles/science-medicine/coastal-plain-geologic-province>.
- Fruits, E. 2008. Natural Gas Pipelines and Residential Property Values: Evidence from Clackamas and Washington Counties. Available at: <http://pstrust.org/docs/NGPipesPropertyValues.pdf>.
- Hansen, J. L. Earl D. Benson, and Daniel A. Hagen. 2006. Environmental Hazards and Residential Property Values: Evidence from a Major Pipeline Event. November 2006. 82(4): 529-541.

- Hotels Motels. 2015. Find Hotels & Motels. HotelMotels.info. Available at:
<http://www.hotelmotels.info/>.
- Illinois Climate Change Advisory Group (ICCAAG). 2007. Report of the Illinois Climate Change Advisory Group submitted to Governor Rod R. Blagojevich. 2007. Available at:
<http://www.epa.state.il.us/air/climatechange/documents/iccag-final-report.pdf>.
- Illinois Environmental Protection Agency (ILEPA). 2015. Illinois Pollution Control Board, Environmental Regulations for the State of Illinois, Title 35 of the Illinois Administrative Code, Part 212. Available at: <http://www.ipcb.state.il.us/documents/dsweb/Get/Document-11920>.
- Illinois, State of (IL). 2006. Executive Order on Climate Change and Greenhouse Gas Reduction. October 5, 2006.
- Indiana Department of Environmental Management (INDEM). 2015. Agency Rules, Title 326 Air Pollution Control Division Article 6. Available at: <http://www.in.gov/idem/4686.htm>.
- Interstate Natural Gas Association of America (INGAA). 2005. Greenhouse Gas Emission Estimation Guidelines for Natural Gas Transmission and Storage, Volume 1 – GHG Emission Estimation Methodologies and Procedures. Revision 2 September 28, 2005. Available at:
<http://www.ingaa.org/File.aspx?id=5485>.
- Jones, C., J. McCann, and S. McConville. 2001. A Guide to the Conservation of Forest Interior Dwelling Birds in the Chesapeake Bay Critical Area. Available at:
<http://www.dnr.state.md.us/criticalarea>.
- Kinder Morgan. 2015a. Utopia East Project. Available at:
http://www.kindermorgan.com/business/products_pipelines/utopia/.
- Kinder Morgan. 2015b. Utica Marcellus Texas Pipeline Project. Available at:
<http://www.kindermorgan.com/projects/umtp/>.
- Landowner Resource Center. 2000. Conserving the Forest Interior: A Threatened Wildlife Habitat. Extension Notes, Ontario Ministry of Natural Resources. Available at:
http://www.lrconline.com/Extension_Notes_English/pdf/forInterior.pdf.
- Lark, Peter J. 2007. Michigan's 21st Century Electric Energy Plan. Available at:
http://www.michigan.gov/documents/mpsc/21stcenturyenergyplan_185274_7.pdf.
- Lusch, David P. No date. Groundwater in Michigan. Power Point Presentation. Available at:
<http://gwmap.rsgis.msu.edu/>.
- Lush, Reeves, and Miller. 2006. Michigan Groundwater Maps. Available at:
<http://www.egr.msu.edu/igw/GWIM%20Figure%20Webpage/>.
- Meredith, R., J.R. Drohan, C.W. Abdalla, J.R. Jessen, and E.D. Stevens. 2001. Groundwater Protection and Management in Pennsylvania: An Introductory Guide for Local Citizens. Available at:
<http://wren.palwv.org/wren/download/groundwaterbook.pdf>.
- Michigan Breeding Bird Atlas II 2002-2008. 2015. Kalamazoo Nature Center. Available at:
<http://www.mibirdatlas.org/>.

- Michigan Department of Environmental Quality (MIDEQ). 2003. Water Well Viewer. Available at: <http://wellviewer.rsgis.msu.edu>.
- Michigan Department of Environmental Quality (MIDEQ). 2006a. Teaming Up for Quality Drinking Water. The Michigan Wellhead Protection Program Guide. February 2006. Available at: http://www.michigan.gov/documents/deq/deq-wb-dwehs-swpu-whpguidebook_256483_7.pdf.
- Michigan Department of Environmental Quality (MIDEQ). 2006b. Part 4. Water Quality Standards. Available at: http://water.epa.gov/scitech/swguidance/standards/wqslibrary/upload/mi_5_wqs.pdf.
- Michigan Department of Environmental Quality (MIDEQ). 2014. Water Quality and Pollution Control in Michigan Sections 303(d), 305(b), and 314 Integrated Report. Available at: <http://www.michigan.gov/deq/0,4561,7-135-3313-12711--,00.html>.
- Michigan Department of Environmental Quality (MIDEQ). 2015a. Telephone communication on February 9, 2015 Elizabeth DeCelles (TRC) and Brant Fisher (MIDEQ).
- Michigan Department of Environmental Quality (MIDEQ). 2015b. Michigan Office of Regulatory Licensing and Regulatory Affairs, Environmental Quality, Air Quality Division, R 336.Part 3. Available at: http://w3.lara.state.mi.us/orr/Files/AdminCode/1148_2012-136EQ_AdminCode.pdf.
- Michigan Department of Environmental Quality (MIDEQ). 2015c. Coastal and Inland Waters Permit Information System. Available at: <http://www.deq.state.mi.us/ciwpis/>.
- Michigan Department of Environmental Quality (MIDEQ). 2015d. Permit list for month of September. Available at: http://www.michigan.gov/deq/0,1607,7-135-3308_3325---,00.html.
- Michigan Department of Natural Resources (MIDNR). 2015a. Fisheries Order (FO-200) – Statewide Trout, Salmon, Whitefish, Lake Herring, and Smelt Regulations. Available at: <http://www.michigan.gov>.
- Michigan Department of Natural Resources (MIDNR). 2015b. Fisheries Order (FO-210) – Designated Trout Streams in Michigan. Available at: <http://www.michigan.gov>.
- Michigan Department of Natural Resources (MIDNR). 2015c. Facts about Michigan Black Bears. Available at: http://www.michigan.gov/dnr/0,4570,7-153-10363_10856_57530_57536-246934--00.html.
- Michigan Department of Technology, Management, and Budget (MIDTMB). 2015. MI Geographic Data Library. Available at: <http://www.mcgi.state.mi.us/mgdl/?action=thm>.
- Michigan Department of Transportation (MIDOT). 2015. MDOT’s Major Road Projects. Available at: http://www.michigan.gov/mdot/0,1607,7-151-9621_11008---,00.html.
- Michigan Natural Features Inventory (MINFI). 2014. Letter on October 27 from Michael A. Sanders (MNAI), to Zach Lissard (TRC) concerning special status species in MINFI records for the Project area.

- Michigan Natural Features Inventory (MINFI). 2015. Michigan's Special Animals. Available at: <http://mnfi.anr.msu.edu/data/specialanimals.cfm>.
- Midwest Research Institute (MRI). 1996. Improvement of Specific Emission Factors (BACM Project No. 1), Final Report. March 29, 1996.
- Midwest Research Institute (MRI). 1998. Revision of Emission Factors for AP-42 Section 11.9, Western Surface Coal Mining. Prepared by Midwest Research Institute for EPA, September 1998.
- Midwest Research Institute (MRI). 1999. Estimating Particulate Matter Emissions from Construction Operations. Prepared by Midwest Research Institute for EPA, September 30, 1999.
- Mississippi Department of Environmental Quality (MSDEQ). 2015. Environmental Rules, 11 Miss. Admin. Code Pt. 2, Chapter 1. Available at: <http://www.deq.state.ms.us/mdeq.nsf>.
- Mountain Valley Pipeline (MVP). 2015. Mountain Valley Pipeline Project. Available at: <http://mountainvalleypipeline.info/>.
- National Archives and Records Administration (NARA). 2014. Definition of "Waters of the United States" Under the Clean Water Act. Available at: <https://www.federalregister.gov/articles/2014/04/21/2014-07142/definition-of-waters-of-the-united-states-under-the-clean-water-act#h-20>.
- National Atlas. 2012. The National Map Small Scale. Available at: <http://nationalatlas.gov/mapmaker>.
- National Center for Education Statistics. 2015. U.S. Department of Education. Search for Public School Districts. Available at: <http://nces.ed.gov/ccd/districtsearch/>.
- National Oceanic and Atmospheric Administration (NOAA). 1978. National Oceanic and Atmospheric Administration Manual National Ocean Survey (NOS) National Geodetic Survey (NGS) 1 Geodetic Benchmarks. Available at: http://www.ngs.noaa.gov/PUBS_LIB/GeodeticBMs.
- National Oceanic and Atmospheric Administration (NOAA). 2015. NOAA NMFS Habitat Conservation-Habitat Protection-Essential Fish Habitat Mapper v3.0. Available at: <http://www.habitat.noaa.gov/protection/efh/habitatmapper.html>.
- National Weather Service (NWS). 2010. Definitions of flood and flash flood. Available at: <http://www.srh.noaa.gov/mrx/hydro/flooddef.php>.
- National Weather Service (NWS). 2013. 30 year average (1984-2013). Available at: <http://www.nws.noaa.gov/om/hazstats.shtml>.
- Natural Resources Conservation Service (NRCS). 2015. SSURGO Database: Water Table Depth – Annual – Minimum. Available at: <http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>.
- O'Rourke, T.D. and M.C. Palmer. 1994b. Feasibility Study of Replacement Procedures and Earthquake Performance of Gas Transmission Pipelines. National Center for Earthquake Engineering Research. Available at: <https://mceer.buffalo.edu/publications/catalog/reports/Feasibility-Study-of-Replacement-Procedures-and-Earthquake-Performance-of-Gas-Transmission-Pipelines-NCEER-94-0012.html>.

- O'Rourke, T.D., and M.C. Palmer. 1994a. The Northridge, California Earthquake of January 17, 1994: Performance of Gas Transmission Pipelines. National Center for Earthquake Engineering Research. Available at: <https://mceer.buffalo.edu/publications/catalog/reports/The-Northridge-California-Earthquake-of-January-17-1994-Performance-of-Gas-Transmission-Pipelines-NCEER-94-0011.html>.
- Ohio Breeding Bird Atlas II (online resource). 2015a. Cornell Lab of Ornithology. Available at: <http://bird.atlasing.org/Atlas/OH/>.
- Ohio Breeding Bird Atlas II 2006-2011. 2015b. The Ohio State University. Available at: <http://www.ohiobirds.org/obba2/>.
- Ohio Code. 2014. Ohio Administrative Code 3745-1. Available at: <http://codes.ohio.gov/oac/3745-1>.
- Ohio Department of Natural Resource (OHDNR). 2015a. Ohio Oil and Gas Database. Available at: <http://oilandgas.ohiodnr.gov/well-information/oil-gas-well-database>.
- Ohio Department of Natural Resources (OHDNR). 2014. Letter on November 14 from John Kessler (OHDNR), to Zach Lissard (TRC) concerning special status species under OHDNR purview.
- Ohio Department of Natural Resources (OHDNR). 2015b. Ohio Water Withdrawal Statewide Map. Available at: <http://soilandwater.ohiodnr.gov/maps/statewide-water-withdrawal-map>.
- Ohio Department of Natural Resources (OHDNR). 2015c. Statewide Aquifer Mapping Program. Available at: <http://soilandwater.ohiodnr.gov/maps/statewide-aquifer-maps>.
- Ohio Department of Transportation (OHODT). 2015. Construction Project. Available at: <http://www.dot.state.oh.us/Services/RoadConstruction/Pages/Construction2015.aspx>.
- Ohio Division of Geological Survey (OHDGS). 1999. Mapping Ohio's Karst Terrain. Ohio Department of Natural Resources, Division of Geological Survey. Available at: <http://www2.ohiodnr.com/portals/geosurvey/PDFs/newsletter/1999No.2.pdf>.
- Ohio Division of Geological Survey (OHDGS). 2005. Glacial Map of Ohio. Ohio Department of Natural Resources, Division of Geological Survey. Available at: <http://geosurvey.ohiodnr.gov/portals/geosurvey/PDFs/Glacial/glacial.pdf>.
- Ohio Division of Geological Survey (OHDGS). 2015. Catalog and Maps of Ohio Earthquakes. Ohio Department of Natural Resources, Division of Geological Survey. Available at: <http://geosurvey.ohiodnr.gov/earthquakes-ohioeis/quakes-felt-in-ohio/catalog-of-past-ohio-quakes/catalog-home>.
- Ohio Division of Wildlife (OHDW). 2015. Wildlife that are Considered to be Endangered, Threatened, Species of Concern, Special Interest, Extirpated, or Extinct in Ohio. Available at: <http://wildlife.ohiodnr.gov/portals/wildlife/pdfs/publications/information/pub356.pdf>.
- Ohio Emergency Management Agency (OHEMA). 2011. State of Ohio, Hazard Mitigation Plan, January. Available at: http://ema.ohio.gov/Mitigation_OhioPlan.aspx.
- Ohio Environmental Protection Agency (OHEPA). 2012. Ohio Integrated Water Quality Monitoring and Assessment Report. Available at: <http://epa.ohio.gov>.

- Ohio Environmental Protection Agency (OHEPA). 2014a. Major Aquifers in Ohio and Associated Water Quality. Available at:
http://epa.ohio.gov/Portals/28/documents/gwqcp/Aquifer&Geochem_ts.pdf.
- Ohio Environmental Protection Agency (OHEPA). 2014b. Ground Water in Ohio. Available at:
<http://www.epa.ohio.gov/portals/28/Documents/gwqcp/gwfactsht.pdf>.
- Ohio Environmental Protection Agency (OHEPA). 2014c. Ohio Integrated Water Quality Monitoring and Assessment Report. Available at:
<http://www.epa.ohio.gov/dsw/tmdl/OhioIntegratedReport.aspx>.
- Ohio Environmental Protection Agency (OHEPA). 2015a. Source Water Assessment and Protection Program. Available at: <http://www.epa.ohio.gov/ddagw/swap.aspx>.
- Ohio Environmental Protection Agency (OHEPA). 2015b. Telephone communication on February 9, 2015 between Elizabeth DeCelles (TRC) and Chris Kenah (OHEPA).
- Ohio Environmental Protection Agency (OHEPA). 2015c. OAC Chapter 3745-1 Water Quality Standards. Available at: http://www.epa.ohio.gov/dsw/rules/3745_1.aspx.
- Ohio Environmental Protection Agency (OHEPA). 2015d. Division of Materials and Waste Management. Available at: <http://www.epa.ohio.gov/dmwm/Home.aspx>.
- Ohio Environmental Protection Agency (OHEPA). 2015e. OHEPA Air Pollution Regulations. Available at: <http://www.epa.ohio.gov/portals/27/regs/3745/OAC3745Rules.pdf>.
- Ohio Environmental Protection Agency (OHEPA). 2015f. Weekly Review and Public notices. Available at: <http://www.epa.state.oh.us/Actions.aspx>.
- Ohio Geographically Referenced Information Program (OHGRIP). 2015. Hazardous Waste Site Datasets. Available at: <http://ogrip.oit.ohio.gov/>.
- Ohio Geological Society (OHGS). 1995. Structural Influences on Oil and Gas Reservoirs. Ohio Geological Society Third Annual Technical Symposium “Canton Symposium III”. Available at: <http://www.ohgeosoc.org/publications/019.pdf>.
- Ohio Power Siting Board (OHPSB). 2015. Black Fork Wind Farm Amendment. Available at: <http://www.opsb.ohio.gov/opsb/index.cfm/siting-case-breakdown/14-1591-el-bga-black-fork-wind-farm-amendment-richland-crawford-counties/>.
- Ohio University (OSU). 2011. Assuring Ohio’s Competitiveness in a Carbon-Constrained World: A Collaboration between Ohio University and the Ohio State University, Chapter 8: Task 1: Creation of a Statewide Emissions Inventory. 2011. Available at: http://www.ohioenergyresources.com/Docs/AssuringOhiosCompetitiveness_OUOSU_Ch8.pdf.
- Oregon Department of Environmental Quality (ORDEQ). 2005. Erosion and Sediment Control Manual. Appendix B. Soil Survey Information. Available at: <http://www.deq.state.or.us/wq/stormwater/docs/escmanual/appxb.pdf>.
- Ozone Transport Commission (OTC). 2015. What is the Ozone Transport Commission? Available at: <http://www.otcair.org/about.asp>.

- Pennsylvania Code. 2009. Chapter 109. Safe Drinking Water. Available at: <http://www.pacode.com/secure/data/025/chapter109/chap109toc.html>.
- Pennsylvania Code. 2012. Chapter 93 Water Quality Standards. Available at: <http://www.pacode.com>.
- Pennsylvania Code. 2015. Chapter 93 Water Quality Standards. Available at: <http://www.pacode.com/secure/data/025/chapter93/chap93toc.html>.
- Pennsylvania Department of Conservation and Natural Resources (PADCNR). 2015a. Groundwater. Available at: <http://www.dcnr.state.pa.us/topogeo/groundwater/index.htm>.
- Pennsylvania Department of Conservation and Natural Resources (PADCNR). 2015b. Pennsylvania Listed Plants. Available at: <http://www.dcnr.state.pa.us/forestry/plants/threatenedandendangered/>.
- Pennsylvania Department of Environmental Protection (PADEP). 2002. The Wellhead Protection Program in Pennsylvania: An Overview (January 2002). Available at: <http://www.dep.state.pa.us/dep/deputate/watermgmt/wc/subjects/srceprot/source/whppover.htm>.
- Pennsylvania Department of Environmental Protection (PADEP). 2004a. Interstate 79 Longwall Mining. Available at: <http://www.dep.state.pa.us/dep/deputate/minres/districts/homepage/california/I79-Home/Interstate%2079%20Project%209-17-04.pdf>.
- Pennsylvania Department of Environmental Protection (PADEP). 2004b. eMapPA. Available at: <http://www.depgis.state.pa.us/emappa/>.
- Pennsylvania Department of Environmental Protection (PADEP). 2008. Pennsylvania Climate Change Act - Enactment. July 9, 2008.
- Pennsylvania Department of Environmental Protection (PADEP). 2010. Potential Impacts from Underground Mining. Available at: http://www.portal.state.pa.us/portal/server.pt/community/underground_mining_information/20835/mine_subsidence/1134234.
- Pennsylvania Department of Environmental Protection (PADEP). 2013. Pennsylvania Climate Change Action Plan Update. Available at: <http://files.dep.state.pa.us/Air/AirQuality/AQPortalFiles>.
- Pennsylvania Department of Environmental Protection (PADEP). 2015a. Technologically Enhanced Naturally Occurring Radioactive Materials (TENORM) Study Report, Rev. 0. Prepared by Perma-Fix Environmental Services, Inc. January. Available at: http://www.elibrary.dep.state.pa.us/dsweb/Get/Document-105822/PA-DEP-TENORM-Study_Report_Rev_0_01-15-2015.pdf.
- Pennsylvania Department of Environmental Protection (PADEP). 2015b. Climate Change Advisory Committee. Available at: http://www.portal.state.pa.us/portal/server.pt/community/climate_change_advisory_committee/21894.

- Pennsylvania Department of Environmental Protection (PADEP). 2015c. Oil and Gas Permits and Energy Facilities Under Construction. Available at: http://www.portal.state.pa.us/portal/server.pt/community/climate_change_advisory_committee/21894.
- Pennsylvania Department of Environmental Protection (PADEP). 2014. Integrated Water Quality Report – 2014. Available at: <http://www.dep.pa.gov/Business/Water/PointNonPointMgmt/WaterQuality/Pages/Integrated-Water-Quality-Report-2014.aspx#.VqgCZKMo52Z>.
- Pennsylvania Department of Transportation (PADOT). 2015. Transportation Projects. Available at: <http://www.pennidot.gov/RegionalOffices/district-12/Pages/default.aspx#.Vqkhs6Mo52Y>.
- Pennsylvania Fish and Boat Commission (PAFBC). 2014. Letter on December 2 from Heather A. Smiles (PAFBC), to Zachary Lissard (TRC) concerning special status species under PAFBC purview.
- Pennsylvania Fish and Boat Commission (PAFBC). 2015a. Threatened and Endangered Species. Available at: <http://fishandboat.com/endangl.htm>.
- Pennsylvania Fish and Boat Commission (PAFBC). 2015b. Letter on May 5 from Heather A. Smiles (PAFBC), to Zachary Lissard (TRC) concerning Species Impact Review– Rare, Candidate, Threatened and Endangered Species under PAFBC purview.
- Pennsylvania Game Commission (PAGC). 2014. Letter on September 12 from John Taucher (PAGC), to Buffy Thomason (Energy Transfer Company) concerning special status species under PAGC purview.
- Pennsylvania Geological Survey (PAGS). 2015. Pennsylvania Groundwater Information System (PaGWIS): Pennsylvania Geological Survey, 4th ser., SQL database. Available at: <http://www.dcnr.state.pa.us/topogeo/groundwater/pagwis/index.htm>.
- Pennsylvania Natural Heritage Program (PANHP). 2015. PANHP Species List. Available at: <http://www.naturalheritage.state.pa.us/species.aspx>.
- Pennsylvania Spatial Data Access (PASDA). 2015a. Available at: <http://www.pasda.psu.edu>.
- Pennsylvania Spatial Data Access (PASDA). 2015b. The Pennsylvania Geospatial Data Clearinghouse Datasets Commercial, Captive Waste, Municipal, and Residual Waste Facilities. Available at: <http://www.pasda.psu.edu/uci/SearchResults.aspx?searchType=mapservice&sessionID=7221425282014117153420>.
- Pennsylvania State University (PSU). 2007. A Quick Guide to Groundwater in Pennsylvania. Produced by Ag Communications and Marketing. Available at: <http://pubs.cas.psu.edu/freepubs/pdfs/uh183.pdf>.
- Pennsylvania State University. 2015. Second Atlas of Breeding Birds in Pennsylvania 2004-2009. Available at: <http://www.pabirdatlas.psu.edu/>.

- Pentland, William. 2014. Natural Gas Production Reached Record High in March. *Forbes Energy*. Available at: <http://www.forbes.com/sites/williampentland/2014/06/01/natural-gas-production-reached-record-high-in-march/#61e49ee24a66>.
- Petersen, M.D., M.P. Moschetti, P.M. Powers, C.S. Mueller, K.M. Haller, A.D. Frankel, Y. Zeng, S. Rezaeian, S.C. Harmsen, O.S. Boyd, N. Field, R. Chen, K.S. Rukstales, N. Luco, R.L. Wheeler, R.A. Williams, and A.H. Olsen. 2014. Documentation for the 2014 Update of the United States National Seismic Hazard Maps. U.S. Geological Survey Open-File Report 2014–1091, 243 p. Available at: <http://dx.doi.org/10.3133/ofr20141091>.
- PGP Valuation, Inc. (PGP). 2008. Updated Market Analysis – The Impact of Natural Gas Pipelines on Property Values. February 21, 2008. Available at: http://pstrust.org/docs/Pipeline_Impact_on_Property_Values.pdf.
- Pipeline and Hazardous Materials Safety Administration (PHMSA). 2015. Significant Pipeline Incidents. Available at: <https://hip.phmsa.dot.gov/analyticsSOAP/saw.dll?Portalpages>.
- River Network. 2015. The Nationwide Rivers Inventory (NRI). Available at: <http://www.nps.gov/ncrc/programs/rtca/nri/index.html>.
- Rosenberg, K.V., R.W. Rohrbaugh, Jr., S.E. Barker, J.D. Lowe, R.S. Hames, and A.A. Dhondt. 1999. A land manager's guide to improving habitat for scarlet tanagers and other forest-interior birds. The Cornell Lab of Ornithology.
- Schenk, C., B. Pierce, and A. Demas. 2012. USGS Releases First Assessment of Shale Gas Resources in the Utica Shale: 38 trillion cubic feet. Available at: <http://www.usgs.gov/newsroom/article.asp?ID=3419>.
- Smith, G. 2015. Telephone communication on February 09, between Z. Lissard (TRC) and G. Smith (Permit Analyst, Pennsylvania Fish & Boat Commission, Bureau of Fisheries – Environmental Services).
- Spectra Energy (Spectra). 2015a. NEXUS Gas Transmission. Available at: <http://www.spectraenergy.com/Operations/New-Projects-and-Our-Process/New-Projects-in-US/NEXUS-Gas-Transmission/>.
- Spectra Energy (Spectra). 2015b. Ohio Pipeline Energy Network (OPEN). Available at: <http://www.spectraenergy.com/Operations/New-Projects-and-Our-Process/New-Projects-in-US/Ohio-Pipeline-Energy-Network-OPEN/>.
- Sprague, E., D. Burke, S. Claggert, A. Todd. 2006. The State of Chesapeake Forests, Chapter 3: The Importance of Forests as Habitat. United States Department of Agriculture, Forest Service, Northeastern Area. Available at: <http://www.na.fs.fed.us/watershed/socf.shtm>.
- Surrena, T. 2015. Telephone communication on February 9, between Z. Lissard (TRC) and T. Surrena (Permit Analyst, Ohio Environmental Protection Agency).
- Tennessee Department of Environmental Conservation (TNDEC). 2015. Air Pollution Control Regulations, Title 68 Chapter 201. Available at: <http://www.state.tn.us/sos/rules/1200/1200-03/1200-03-08.pdf>.

- Terracon Consultants, Inc. (Terracon). 2015. Expected Geotechnical Conditions. Report for Geohazards Search. Proposed Rover Pipeline Project (PCS # 14138). Terracon Project No. N4149328. Prepared for Project Consulting Services, Inc. June 4, 2015.
- Tetra Tech, Inc. (Tetra Tech). 2015. Characterization of Karst Prone Areas Relative to the Proposed Pipeline Route. Prepared for: Rover Pipeline LLC. June 2015.
- The Eagle Institute. 2013. Breeding Eagles. Available at: <http://delawarehighlands.org/eagles/eaglesinourregion/breeding>.
- Thompson, S.A. 1997. Vascular plants: review of status in Pennsylvania (October 20, 2002). Department of Conservation and Natural Resources, Pennsylvania. Available at: <http://plants.usda.gov/java/threat?stateSelect=US42&statelist=states>.
- Trapp, H. and M. A. Horn. 1997. Groundwater Atlas of the United States: Delaware, Maryland, New Jersey, North Carolina, Pennsylvania, Virginia, West Virginia, USGS HA 730-L. Available at: http://pubs.usgs.gov/ha/ha730/ch_1/index.html.
- U.S. Army Corps of Engineers (COE). 2010. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0). U.S. Army Engineer Research and Development Center, Vicksburg, Mississippi.
- U.S. Army Corps of Engineers (COE). 2012a. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: North Central and Northeast Region (Version 2.0). U.S. Army Engineer Research and Development Center, Vicksburg, Mississippi.
- U.S. Army Corps of Engineers (COE). 2012b. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Eastern Mountains and Piedmont Region Version 2.0, ed. J.F. Berkowitz, J.S. Wakeley, R.W. Lichvar, C.V. Noble. ERDC/EL TR-12-9. Vicksburg, MS: U.S. Army Engineer Research and Development Center.
- U.S. Census Bureau. 2012. Statistical Abstract of the United States: 2012. All data, unless otherwise noted, reflects 2007 statistics. Available at: <http://www.census.gov/compendia/statab/>.
- U.S. Census Bureau. 2015a. American Fact Finder. 2009-2013 American Community Survey. Available at: <http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>.
- U.S. Census Bureau. 2015b. State & County Quick Facts. Available at: <http://quickfacts.census.gov/qfd/index.html>.
- U.S. Census Bureau. 2015c. American Fact Finder. 2010 Census Summary File. Available at: <http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>.
- U.S. Clean Heat and Power Association. 2015. CHP 101. Available at: <http://chpassociation.org/chp-101/>.
- U.S. Congress. 2005. Energy Policy Act of 2005. Available at: <http://www.gpo.gov/fdsys/pkg/PLAW-109publ58/pdf/PLAW-109publ58.pdf>.

- U.S. Department of Agriculture (USDA), Soil Survey Staff, Natural Resources Conservation Service. 2014a. Soil Survey Geographic (SSURGO) Database. Available at: <http://sdmdataaccess.nrcs.usda.gov/>.
- U.S. Department of Agriculture (USDA). 2013a. Agricultural Research Service. Available at: <http://www.ars.usda.gov/research/docs.htm?docid=6010>.
- U.S. Department of Agriculture (USDA). 2013b. Invasive Species: Plants. Available at: <http://www.invasivespeciesinfo.gov/plants/main.shtml>.
- U.S. Department of Agriculture (USDA). 2013c. Introduced, Invasive and Noxious Plants. Available at: <http://plants.usda.gov/java/noxiousDriver>.
- U.S. Department of Agriculture (USDA). 2014b. National Agricultural Statistics Service CropScape - Cropland Data Layer. Available at: <http://nassgeodata.gmu.edu/CropScape>.
- U.S. Department of Agriculture (USDA). 2014c. Geospatial Data Gateway. Available at: <https://gdg.sc.egov.usda.gov/>.
- U.S. Department of Agriculture (USDA). 2015. Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey. All project related counties accessed for SSURGO data. Available at: <http://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>.
- U.S. Department of Energy, Energy Information Administration (DOE/EIA). 2014. Planned coal-fired power plant retirements continue to increase. Available at: <http://www.eia.gov/todayinenergy/detail.cfm?id=15491>.
- U.S. Department of Energy, Energy Information Administration (DOE/EIA). 2015a. Natural Gas Gross Withdrawals and Production data – Dry Natural Gas Production from 2008 to 2013. Available at: http://www.eia.gov/dnav/ng/hist/na1160_r3fm_2A.htm.
- U.S. Department of Energy, Energy Information Administration (DOE/EIA). 2015b. Annual Energy Outlook 2015 with projections to 2040. Available at: <http://www.eia.gov/forecasts/aeo/>.
- U.S. Department of Housing and Urban Development (HUD). 2009. Chapter 5, Noise Assessment Guidelines. Available at: <https://www.hudexchange.info/onecpd/assets/File/Noise-Guidebook-Chapter-5.pdf>.
- U.S. Department of Interior (USDOI). 1995. Timing and Duration of Subsidence Due to Longwall Mining; Report of Investigations RI 9552. Bureau of Mines.
- U.S. Department of Labor, Bureau of Labor Statistics. 2015. Consumer Price Index Inflation Calculator. Available at: <http://data.bls.gov/cgi-bin/cpicalc.pl?cost1=50000&year1=1984&year2=2015>.
- U.S. Energy Information Administration (EIA). 2015a. Drilling Productivity Report: For key tight oil and shale gas regions. Available at: <http://www.eia.gov/petroleum/drilling/pdf/dpr-full.pdf>.
- U.S. Energy Information Administration (EIA). 2015b. Natural Gas Summary by State. Available at: http://www.eia.gov/dnav/ng/ng_sum_lsum_dcua_spa_a.htm.

- U.S. Environmental Protection Agency (EPA). 1974. Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare with an Adequate Margin of Safety. (USEPA 550/9-74-004). Available at: <http://www.nonoise.org/library/levels74/levels74.htm>.
- U.S. Environmental Protection Agency (EPA). 1998. Compilation of Air Pollutant Emission Factors (AP-42), Section 11.9, October. Available at: <http://www.epa.gov/ttn/chief/ap42/ch11/final/c11s09.pdf>.
- U.S. Environmental Protection Agency (EPA). 1999. Consideration of Cumulative Impacts on EPA Review of Federal Activities (2252A). (EPA 315-R-99-002). Available at: <http://www.epa.gov/compliance>.
- U.S. Environmental Protection Agency (EPA). 2004a. Median Life, Annual Activity, and Load Factor Values for Nonroad Engine Emissions Modeling, EPA420-P-04-005. April 2004.
- U.S. Environmental Protection Agency (EPA). 2004b. Exhaust and Crankcase Emission Factors for Nonroad Engine Modeling – Compression-Ignition, EPA420-P-04-009. April 2004.
- U.S. Environmental Protection Agency (EPA). 2006. Compilation of Air Pollutant Emission Factors (AP-42), Section 13.2.2, January. Available at: <http://www.epa.gov/ttn/chief/ap42/ch13/index.html>.
- U.S. Environmental Protection Agency (EPA). 2007. Virtual Aquifers. Region 3 Water Protection Division Sole Source Aquifer Program. Available at: <http://www3.epa.gov>.
- U.S. Environmental Protection Agency (EPA). 2010. Exhaust Emission Factors for Nonroad Engine Modeling – Spark-Ignition, EPA420-R-10-019. July 2010.
- U.S. Environmental Protection Agency (EPA). 2011a. Opportunities for Combined Heat and Power at Wastewater Treatment Facilities: Market Analysis and Lessons from the Field. Available at: <http://www.epa.gov/chp>.
- U.S. Environmental Protection Agency (EPA). 2011b. Environmental Justice Frequently Asked Questions. Available at: <http://compliance.supportportal.com/link/portal/23002/23009/ArticleFolder/1625/Environmental-Justice>.
- U.S. Environmental Protection Agency (EPA). 2012a. Cleaning up our Land. Water and Air, Cleanups in your Community. Brownfields Property Progress Profile, Kaul Clay. Available at: https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&PortalPath=/shared/CIMC/portal/CIMC&Page=Profile+Page&coll=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%22131905%22#progress.
- U.S. Environmental Protection Agency (EPA). 2012b. Sole Source Aquifer Protection Program. Available at: <http://water.epa.gov/infrastructure/drinkingwater/sourcewater/protection/solesourceaquifer.cfm>.
- U.S. Environmental Protection Agency (EPA). 2013. Natural Gas. Available at: <http://www.epa.gov/cleanenergy/energy-and-you/affect/natural-gas.html>.
- U.S. Environmental Protection Agency (EPA). 2014a. Mid-Atlantic Superfund Sites. Available at: <http://www.epa.gov/reg3hwmd/super/allnpl.htm>.

- U.S. Environmental Protection Agency (EPA). 2014b. Region 5 Superfund, NPL Fact Sheets for Ohio. Available at: <http://www.epa.gov/region5>.
- U.S. Environmental Protection Agency (EPA). 2014c. Region 5 Superfund, NPL Fact Sheets for Michigan. Available at: <http://www.epa.gov/region5>.
- U.S. Environmental Protection Agency (EPA). 2014d. Mid-Atlantic Superfund, West Virginia Superfund Sites. Available at: <http://www.epa.gov/reg3hwmd/super/wv.htm>.
- U.S. Environmental Protection Agency (EPA). 2014e. Mid-Atlantic Superfund, Pennsylvania Superfund Sites. Available at: <http://www.epa.gov/reg3hwmd/super/pa.htm>.
- U.S. Environmental Protection Agency (EPA). 2014f. Cleanup sites in Region 5. Available at: <http://www.epa.gov/region5/cleanup/index.htm>.
- U.S. Environmental Protection Agency (EPA). 2014g. National Ambient Air Quality Standards. Available at: <http://epa.gov/air/criteria.html>.
- U.S. Environmental Protection Agency (EPA). 2014h. Center for Corporate Climate Leadership, GHG Emissions Factors Hub. Available at: <http://www.epa.gov/climateleadership>.
- U.S. Environmental Protection Agency (EPA). 2014i. 40 CFR Part 98, Table A-1 to Subpart A, Global Warming Potentials, July 1, 2014. Available at: <http://www.gpo.gov/fdsys/pkg/CFR-2014-title40-vol21/pdf/CFR-2014-title40-vol21-part98-subpartA-appA.pdf>.
- U.S. Environmental Protection Agency (EPA). 2015a. Hazardous Waste Data. Available at: <http://www.epa.gov/osw/inforesources/data/index.htm>.
- U.S. Environmental Protection Agency (EPA). 2015b. Region 5 Superfund. Reilly Tar & Chemical Corp. (Dover Plant). Available at: <http://www.epa.gov/region5>.
- U.S. Environmental Protection Agency (EPA). 2015c. Cleanups in My Community. Available at: http://ofmpub.epa.gov/apex/cimc/f?p=cimc:73:0:::71:P71_WELSEARCH:OH%7CState%7COH%7C%7C%7Ctrue%7Ctrue%7Ctrue%7Ctrue%7Ctrue%7Ctrue%7C%7C-1%7Csites%7CN%7Cbasic.
- U.S. Environmental Protection Agency (EPA). 2015d. Inventory of U.S. Greenhouse Gas Emission and Sinks: 1990 – 2013, EPA 430-R-15-004. April 15, 2015. Available at: <http://www.epa.gov/climatechange/Downloads/ghgemissions/US-GHG-Inventory-2015-Main-Text.pdf>.
- U.S. Environmental Protection Agency (EPA). 2015e. The Green Book Nonattainment Areas. Available at: <http://www.epa.gov/oaqps001/greenbk/index.html>.
- U.S. Environmental Protection Agency (EPA). 2015f. Air Data. Monitor Values Report. Available at: http://www.epa.gov/airquality/airdata/ad_rep_mon.html.
- U.S. Environmental Protection Agency (EPA). 2015g. West Virginia Regulations. Available at: [http://yosemite.epa.gov/r3/r3sips.nsf/9eeb842c677f8f5d85256cfd004c3498/ba452c5786144bae85256d24006fc2c7/\\$FILE/45_csr_2.pdf](http://yosemite.epa.gov/r3/r3sips.nsf/9eeb842c677f8f5d85256cfd004c3498/ba452c5786144bae85256d24006fc2c7/$FILE/45_csr_2.pdf).

- U.S. Environmental Protection Agency (EPA). 2015h. Climate Change. Available at: <http://epa.gov/climatechange/>.
- U.S. Environmental Protection Agency (EPA). 2015i. Overview of Greenhouse Gases. Overview. Available at: <http://epa.gov/climatechange/ghgemissions/gases.html>.
- U.S. Environmental Protection Agency (EPA). 2015j. National Greenhouse Gas Emissions Data. Available at: <http://epa.gov/climatechange/ghgemissions/usinventoryreport.html>.
- U.S. Environmental Protection Agency (EPA). 2015k. Overview of Greenhouse Gases. Methane. Available at: <http://epa.gov/climatechange/ghgemissions/gases/ch4.html>.
- U.S. Environmental Protection Agency (EPA). 2015l. Inventory of U.S. Greenhouse Gas Emissions and Sinks. 1990-2012. EPA 430-R-14-003. April 15, 2014. Available at: <http://www.epa.gov/climatechange/Downloads/ghgemissions/US-GHG-Inventory-2014-Main-Text.pdf>.
- U.S. Environmental Protection Agency (EPA). 2015m. 40 CFR 93.153. Determining Conformity of General Federal Actions to State or Federal Implementation Plans, Applicability; July 1, 2013, pp. 598 - 603. Available at: <http://www.gpo.gov/fdsys/pkg/CFR-2014-title40-vol20/pdf/CFR-2014-title40-vol20-sec93-153.pdf>.
- U.S. Fire Administration. 2015. Federal Emergency Management Agency. National Fire Department Census. Available at: <http://apps.usfa.fema.gov/census>.
- U.S. Fish and Wildlife Service (FWS). 1979. Endangered and Threatened Wildlife and Plants; Listing of Virginia and Ozark Big-Eared Bats as Endangered Species, and Critical Habitat Determination. 50 CFR Part 17. Federal Register Vol. 44, No. 232. Friday, November 30, 1979. Available at: http://ecos.fws.gov/docs/federal_register/fr366.pdf.
- U.S. Fish and Wildlife Service (FWS). 1992. Endangered and Threatened Wildlife and Plants: Determination endangered status for Mitchell's satyr butterfly. Final Rule. Federal Register Volume 57, Number 98: 21564-21569.
- U.S. Fish and Wildlife Service (FWS). 1997a. Clubshell (*Pleurobema clava*). Available at: <http://www.fws.gov/northeast/pafo/pdf/clubshell%20fact%20sheet.pdf>.
- U.S. Fish and Wildlife Service (FWS). 1997b. Northern Riffleshell (*Epioblasma torulosa rangiana*). Available at: <http://www.fws.gov/midwest/endangered/clams/pdf/n-riffleshell.pdf>.
- U.S. Fish and Wildlife Service (FWS). 1997c. Fanshell (*Cyprogenia stegaria*). Available at: <http://www.fws.gov/midwest/endangered/clams/pdf/fanshell.pdf>.
- U.S. Fish and Wildlife Service (FWS). 1997d. Pink Mucket (*Lampsilis orbiculata*). Available at: <https://www.fws.gov/midwest/endangered/clams/pdf/pink-mucket.pdf>.
- U.S. Fish and Wildlife Service (FWS). 1999. Mitchell's Satyr Butterfly. Available at: <http://www.fws.gov/midwest/endangered/insects/pdf/mitchell-satyr.pdf>.
- U.S. Fish and Wildlife Service (FWS). 2004. Indiana bat (*Myotis sodalis*). Available at: <http://www.fws.gov/northeast/pdf/indianabat.fs.pdf>.

- U.S. Fish and Wildlife Service (FWS). 2005. Eastern Prairie Fringed Orchid (*Platanthera leucophaea*). Available at: <http://www.fws.gov/midwest/endangered/plants/pdf/epfo-cifo.pdf>.
- U.S. Fish and Wildlife Service (FWS). 2006a. Indiana bat (*Myotis sodalis*). Available at: <http://www.fws.gov/Midwest/Endangered/mammals/inba/pdf/inbafctsh.pdf>.
- U.S. Fish and Wildlife Service (FWS). 2006b. Hine's Emerald Dragonfly *Somatochlora hineana*. Available at: <http://www.fws.gov/midwest/endangered/insects/hed/pdf/hed-color.pdf>.
- U.S. Fish and Wildlife Service (FWS). 2008. Birds of Conservation Concern 2008. United States Department of Interior, Fish and Wildlife Service, Division of Migratory Bird Management, Arlington, Virginia. 87 pp. Available at: <http://www.fws.gov/birds/index.php>.
- U.S. Fish and Wildlife Service (FWS). 2012a. Rayed Bean (freshwater mussel) *Villosa fabalis*. Available at: <http://www.fws.gov/midwest/Endangered/clams/rayedbean>.
- U.S. Fish and Wildlife Service (FWS). 2012b. Snuffbox (*Epioblasma triquetra*). Available at: <http://www.fws.gov/Midwest/endangered/clams/snuffbox>.
- U.S. Fish and Wildlife Service (FWS). 2012c. Sheepnose (a freshwater mussel) *Plethobasus cyphus*. Available at: <http://www.fws.gov/midwest/endangered/clams/sheepnose>.
- U.S. Fish and Wildlife Service (FWS). 2013a. Eastern Massasauga (*Sistrurus catenatus catenatus*). Available at: <http://www.fws.gov/Midwest/endangered/reptiles/eama>.
- U.S. Fish and Wildlife Service (FWS). 2013b. Copperbelly Water Snake (*Nerodia erythrogaster neglecta*). Available at: <http://www.fws.gov/midwest/endangered/reptiles/cws>.
- U.S. Fish and Wildlife Service (FWS). 2014a. Information, Planning, and Conservation System (IPaC). Available at: <http://ecos.fws.gov/ipac/>.
- U.S. Fish and Wildlife Service (FWS). 2014b. Midwest Region. Available at: <http://www.fws.gov/midwest/>.
- U.S. Fish and Wildlife Service (FWS). 2014c. Northeast Region. Available at: <http://www.fws.gov/northeast/>.
- U.S. Fish and Wildlife Service (FWS). 2014d. Letter on July 15 from Tiernan Lennon (FWS), to Buffy Thomason (Energy Transfer Company) concerning special status species under FWS purview.
- U.S. Fish and Wildlife Service (FWS). 2014e. Letter on July 23 from Mary Knapp (FWS), to Buffy Thomason (Energy Transfer Company) concerning special status species under FWS purview.
- U.S. Fish and Wildlife Service (FWS). 2014f. Letter on September 11 from Megan Seymore (FWS), to Buffy Thomason (Energy Transfer Company) concerning special status species under FWS purview.
- U.S. Fish and Wildlife Service (FWS). 2014g. Mitchell's satyr butterfly (*Neonympha mitchellii mitchellii*) 5-year review: summary and evaluation. East Lansing Field Office, East Lansing Michigan. 38 pp.

- U.S. Fish and Wildlife Service (FWS). 2014h. Poweshiek Skipperling (*Oarisma poweshiek*). Available at: <http://www.fws.gov/Midwest/endangered/insects/posk>.
- U.S. Fish and Wildlife Service (FWS). 2014i. Endangered and Threatened Wildlife and Plants: Status for Dakota skipper and Powershiek skipperling. Final Rule. Federal Register Volume 79, Number 206: 63671-63748.
- U.S. Fish and Wildlife Service (FWS). 2015a. Letter on March 30 from Lynn Lewis (FWS), to Kimberly D. Bose (FERC) concerning ongoing conversations and data concerns with Rover Pipeline LLC to address special status species and migratory bird concerns.
- U.S. Fish and Wildlife Service (FWS). 2015b. Northern Long-eared Bat (*Myotis septentrionalis*). Northern Long-eared Bat Listed as Threatened with Interim 4(d) Rule Comment Period on Interim Rule Open Through July 1. Available at: <http://www.fws.gov/midwest/endangered/mammals/>.
- U.S. Fish and Wildlife Service (FWS). 2015c. White Cat's Paw (*Epioblasma obliquata perobliqua*). Available at: http://www.fws.gov/midwest/endangered/clams/white_fc.html.
- U.S. Geological Survey (USGS). 1992. Iowa, Michigan, Minnesota, Wisconsin. HA 730-J. Available at: <http://pubs.usgs.gov/ha/ha730/gwa.html>.
- U.S. Geological Survey (USGS). 1995. Ground Water Atlas of the United States. Segment 10. Illinois, Indiana, Kentucky, Ohio, Tennessee. Hydrologic Investigations Atlas 730-K. Reston, VA.
- U.S. Geological Survey (USGS). 1997. Landslide Overview Map of the Conterminous United States. USGS, Open-File Report 97-289. Available at: <http://landslides.usgs.gov>.
- U.S. Geological Survey (USGS). 1998. Ground Water Atlas of the United States. Segment 5. Arkansas, Louisiana, Mississippi. Hydrologic Investigations Atlas 730-K. Reston, VA.
- U.S. Geological Survey (USGS). 2003a. Map of Surficial Deposits and Materials in the Eastern and Central United States. Available at: http://pubs.usgs.gov/imap/i-2789/i-2789_p.pdf.
- U.S. Geological Survey (USGS). 2003b. Principal Aquifers of the 48 Conterminous United States, Hawaii, Puerto Rico, and the U.S. Virgin Islands. Edition: Version 1.0. Available at: <http://water.usgs.gov/ogw/aquifer/map.html>.
- U.S. Geological Survey (USGS). 2005. Assessment of Undiscovered Oil and Gas Resources of the U.S. Portion of the Michigan Basin, 2004. National Assessment of Oil and Gas Fact Sheet 2005-3070. June 2005.
- U.S. Geological Survey (USGS). 2006. Quaternary Fault and Fold Database for the United States, U.S. Geological Survey. Available at: <http://earthquake.usgs.gov/hazards/qfaults>.
- U.S. Geological Survey (USGS). 2007a. Preliminary Integrated Geologic Map Databases for the United States: Kentucky, Ohio, Tennessee, and West Virginia, Open-File Report 2005-1324, USGS, v. 1.1 updated 2007. Available at: <http://pubs.usgs.gov/of/2005/1324/>.

- U.S. Geological Survey (USGS). 2007b. Preliminary Integrated Geologic Map Databases for the United States: Minnesota, Wisconsin, Michigan, Illinois, and Indiana, Open-File Report 2004-1355, USGS, v. 1.1 updated 2007. Available at: <http://pubs.usgs.gov/of/2004/1355/>.
- U.S. Geological Survey (USGS). 2008. Preliminary Integrated Geologic Map Databases for the United States: Delaware, Maryland, New York, Pennsylvania, and Virginia. Available at: <http://pubs.usgs.gov/of/2005/1325/>.
- U.S. Geological Survey (USGS). 2014a. Michigan Source Water Assessment: Ground Water in Karst Areas. Available at: <http://mi.water.usgs.gov/pdf/poster.pdf>.
- U.S. Geological Survey (USGS). 2014b. Mineral Resource Data System. Available at: <http://mrdata.usgs.gov/mrds>.
- U.S. Geological Survey (USGS). 2015a. USGS Earthquake Hazards Program, Earthquake Archives. Available at: <http://earthquake.usgs.gov/earthquakes/search/>.
- U.S. Geological Survey (USGS). 2015b. Aquifer Basics. Available at: <https://water.usgs.gov/ogw/aquiferbasics/>.
- U.S. Geological Survey (USGS). 2015c. National Water Information System: Web Interface. USGS Water Data for the Nation. Available at: <http://waterdata.usgs.gov/nwis>.
- U.S. Geological Survey (USGS). 2015d. Mineral Resources On-Line Spatial Data. Available at: <http://mrdata.usgs.gov/>.
- U.S. Geological Survey (USGS). 2015e. USGS FAQs. Groundwater and Aquifers – 12 of 20. Available at: <http://www.usgs.gov/faq/categories/9812/2776>.
- U.S. Government Publishing Office (GPO). 1994. Changes in Hydric Soils of the United States. Volume 59, Number 133 (Wednesday July 13, 1994). Available at: <https://www.gpo.gov/fdsys/pkg/FR-1994-07-13/html/94-16835.htm>.
- University of Washington. 2000. Soil Liquefaction. Available at: <http://www.ce.washington.edu/~liquefaction>.
- USA Cops. 2015. Law Enforcement Agency Listings. Available at: <http://www.usacops.com/>.
- Vigil, J.F., R.J. Pike, and D.G. Howell. 2000. A Tapestry of Time and Terrain. United States Geological Society. Available at: <http://pubs.usgs.gov/imap/i2720/>.
- Virginia Department of Game and Inland Fisheries (VDGIF). 2015. Eastern Hellbender. Available at: <http://www.dgif.virginia.gov/hellbender/>.
- Weary, D.J. and D.H. Doctor. 2014. Digital Engineering Aspects of Karst Map: U.S. Geological Survey Open-File Report 2004-1352. Available at: http://pubs.usgs.gov/of/2004/1352/data/USA_karst.pdf.
- West Virginia Breeding Bird Atlas II 2009-2014. 2015. Cornell Lab of Ornithology. Available at: <http://bird.atlasing.org/Atlas/WV/>.

- West Virginia Department of Environmental Protection (WVDEP). 2014a. Groundwater Programs and Activities. Biennial Report to the West Virginia 2014 Legislature. Available at: <http://www.dep.wv.gov/WWE/Programs/gw/Documents/2014/FinalReport14.pdf>.
- West Virginia Department of Environmental Protection (WVDEP). 2014b. In-Lieu Fee and Wetland Mitigation Program. Available at: <http://www.dep.wv.gov/WWE/Programs/Pages/In-lieu-fee.aspx>.
- West Virginia Department of Environmental Protection (WVDEP). 2015a. Groundwater/UIC Program. Available at: <http://www.dep.wv.gov/WWE/Programs/gw/Pages/gwhome.aspx>.
- West Virginia Department of Environmental Protection (WVDEP). 2015b. Requirements Governing Water Quality Standards. Available at: http://water.epa.gov/scitech/swguidance/standards/wqslibrary/upload/wv_require.pdf.
- West Virginia Department of Environmental Protection (WVDEP). 2015c. NSR Permits for Review. Available at: <http://www.dep.wv.gov/daq/Pages/NSRPermitsforReview.aspx>.
- West Virginia Department of Environmental Protection (WVDEP). 2012. Integrated Water Quality Monitoring and Assessment Report – Incl. Impaired Streams. Available at: http://www.dep.wv.gov/WWE/watershed/IR/Pages/303d_305b.aspx.
- West Virginia Department of Health and Human Resources (WVDHHR). 2015a. Email correspondence between James Mitchell (WVDHHR) and Amy McVey (TRC). January 21, 2015.
- West Virginia Department of Health and Human Resources (WVDHHR). 2015b. Wellhead Protection Program. Available at: <http://www.wvdhhr.org/oehs/eed/swap/whppknowledge.asp>.
- West Virginia Department of Transportation (WVDOT). 2015. Statewide Transportation Improvement Program. Website: <http://gis.wvdot.com/stip/fstip.html>. Accessed June 2015.
- West Virginia Division of Energy. 2015. West Virginia State Energy Plan. Available at: <http://www.wvcommerce.org/energy/energyplan/energy-plan-document.aspx>.
- West Virginia Division of Natural Resources (WVDNR). 2003. Freshwater Mussels. Available at: <http://www.wvdnr.gov/Wildlife/Mussels.shtm>.
- West Virginia Division of Natural Resources (WVDNR). 2006. Wildlife Diversity Notebook: Virginia Big-eared Bat. Available at: <http://www.wvdnr.gov>.
- West Virginia Division of Natural Resources (WVDNR). 2014. Letter on September 26 from Barbara Sargent (WVDNR), to Zach Lissard (TRC) concerning special status species under WVDNR purview.
- West Virginia Division of Natural Resources (WVDNR). 2015a. West Virginia Hunting, Trapping and Fishing Map. Available at: <http://www.mapwv.gov/huntfish/map.html>.
- West Virginia Division of Natural Resources (WVDNR). 2015b. Rare, Threatened, and Endangered Species. Available at: <http://www.wvdnr.gov/wildlife/angered.shtm>.

- West Virginia Geologic Survey (WVGS). 2014. Map of Earthquake Epicenters of West Virginia: 1824 through 2014. Available at: <http://www.wvgs.wvnet.edu/www/earthquakes/seismic.html>.
- West Virginia Geologic Survey (WVGS). 2015. Interactive Mapping. Available at: <http://ims.wvgs.wvnet.edu>.
- West Virginia GIS (WVGIS), 2015. West Virginia State GIS Clearinghouse datasets for Solid and Municipal Waste Facilities. Available at: <http://wvgis.wvu.edu/data/data.php>.
- William and Mary Department of Geology (William and Mary). 2011. Coastal Plain Province. William and Mary. Available at: <http://web.wm.edu/geology/virginia>.
- World Resources Institute (WRI). 2007. Illinois Greenhouse Gas Emissions Inventory and Projections. Available at: <http://www.epa.state.il.us/air/climatechange/documents/07-02-22/il-emissions-overview-v5.pdf>.