10.0 Literature Cited

Applied Ecological Services, Inc. (AES). 2007. Applied Ecological Services Helping Developers go – and make – green. Brodhead, WI.

A rendt, Randall. Growing Greener: Putting Conservation into Local Plans and Codes, Island Press, 1999.

Benedict, Mark A. and Edward T. McMahan. 2006. Green Infrastructure: linking landscapes and communities. Washington: Island Press.

Bliss, Laura. 2015. "The Hidden Health Dangers of Buried Urban Rivers." From The Atlantic CityLab. Retrieved Oct 19 2016: http://www.citylab.com/ politics/2015/08/the-hiddenhealth-dangers-of-buried-urbanrivers/400442/

oies, Henry L. 1868, 1922. History of DeKalb County, Illinois. O.P. Bassett, Printer, 95 and 97 West Randolph Street, Chicago. Booth, D. and L. Reinelt. 1993. "Consequences of Urbanization on Aquatic Systems-measured effects, degradation thresholds, and corrective strategies," pp. 545-550 cited in Schueler, T. 1994. The Importance of Imperviousness. Watershed Protection Techniques. 1(3): 100-111.

Brown, R.B. 1998. Soils and septic systems. IFAS Extension. University of Florida, Gainesville.

 alifornia State University – Chico
(CSU Chico). 2017. "What is Regenerative Agriculture?"
Center for Regenerative Agriculture and Resilient
Systems. Retrieved March 5,
2020: https://www.csuchico.edu/
regenerativeagriculture/ra101 section/ra101-definitions.shtml

Center for Watershed Protection. 1998. A Comprehensive Guide for Managing Urbanizing Watersheds. Prepared for USEPA Office of Wetlands, Oceans and Watersheds and Region V.

enter for Watershed Protection. August 1998. Better Site Design: A Handbook for Changing Development Rules in Your Community. Prepared for Site Planning Roundtable.

enter for Watershed Protection (CWP). 2017. The Code & Ordinance Worksheet: A Tool for Evaluating the Development Rules in Your Community. www. cwp.org, info@cwp.org.

hicago Metropolitan Agency for Planning. June 2007. Guidance for Developing Watershed Action Plans in Illinois.

ity of DeKalb. March 2005. "Desired Development Direction: 2005 Comprehensive Plan Update." City of DeKalb Community Development Department. Adopted March 14, 2005.

ity of DeKalb. 2019. "Airport Statistics, DeKalb Taylor Airport." City of DeKalb. Accessed May 21, 2019: https://www.cityofdekalb. com/386/Airport-Statistics

ity of Sycamore. June 2014. City of Sycamore 2014 Comprehensive Plan Update. Wills Burke Kelsey Associates, Ltd. planning consultants. Adopted June 2014.

laassen, Roger, Maria Bowman, Jonathan McFadden, David Smith, Steven Wallander. September 2018. Tillage Intensity and Conservation Cropping in the United States. EIB-197, U.S. Department of Agriculture, Economic Research Service.

 olorado State University.
2020. "Manure Management." Colorado Ag Water Quality: Nutrient Management Resources for Producers. Retrieved Mar. 11, 2020: https://coagnutrients. colostate.edu/ag-bestmanagement-practices/manuremanagement/ Onservation Research Institute.
February 2005. Changing Cost Perceptions: An Analysis of Conservation Development.
Prepared for Illinois Conservation Foundation and Chicago Wilderness.

 ooke, Richard. 2004.
"Developments in Agricultural Drainage in Illinois – Drainage Water Management." University of Illinois – Extension. College of Agricultural, Consumer, & Environmental Sciences.
Department of Crop Sciences.
Retrieved Mar. 11, 2020: http:// extension.cropsciences.illinois. edu/fieldcrops/classics/2004/ agdrainage.php#anch_tables_ figures

Aly, J., T. Lutes et. al. "Federal Township Plats of Illinois 1804-1891: Glaciation." Accessed July 11, 2011. http://landplats.ilsos.net/ FTP_Illinois.html

DeKalb County. 2006. DeKalb County Stormwater Ordinance Phase 2. Adopted October 10, 2006.

DeKalb County, IL. 2011. DeKalb County, Illinois Unified Comprehensive Plan. Adopted May 18, 2011. DeKalb County, IL Ordinance 2011-05.

DeKalb County, IL. Dekalb County Forest Preserve. Accessed March 29, 2019. https:// dekalbcounty.org/departments/ forest-preserve/

Dekalb Park District. Interactive Map. Last modified 2019. Accessed March 29, 2019. https:// www.dekalbparkdistrict.com/ interactive-map#

Dunnum, Alexis. 2016. "What Can Farmers Do About Climate Change? Mulch Till." National Farmers Union. Retrieved September 9, 2019: https:// nfu.org/2016/11/21/what-canfarmers-do-about-climatechange-mulch-till/ CONorthwest. November 2007. The Economics of Low-Impact Development: A Literature Review. Eugene, Oregon.

arm Service Agency (FSA). 2019. "Conservation Reserve Program." United States Department of Agriculture. Retrieved Mar. 11, 2020: https:// www.fsa.usda.gov/programsand-services/conservationprograms/conservation-reserveprogram/index

azio, Dr. James R. 2010. How Trees Can Retain Stormwater Runoff. Tree City USA Bulletin No. 55. Arbor Day Foundation. Nebraska City, NE.

ederal Aviation Administration (FAA). 2020. About US Federal Aviation Administration. Retreived March 11, 2020: https://www.faa. gov/

rankenberger, J. 2020. "Woodchip bioreactors." Purdue University. Retrieved Mar. 11, 2020: https://engineering. purdue.edu/watersheds/ conservationdrainage/ bioreactors.html

uhrer, Jay. 2018. "5 Principles of Soil Health." Natural Resources Conservation Service, North Dakota. US Department of Agriculture. Retrieved Aug 9, 2019: https://www.nrcs.usda.gov/ wps/portal/nrcs/detail/nd/soils/ health/?cid=nrcseprd1300631

Salli, J. 1990. "Thermal impacts associated with urbanization and stormwater management best management practices." Metro. Wash. Counc. Gov., Maryland Dep. Environ. Washington, D.C. 188 pp cited in Schueler, T. 1994. The Importance of Imperviousness. Watershed Protection Techniques. 1(3): 100-111.

bb, Terry. 2012. "Yard waste practices impact water quality." Michigan State University, MSU Extension. Retrieved February 25, 2020: https://www.canr.msu. edu/news/yard_waste_practices_ impact_water_quality

ansel, A. "Glaciation." Encyclopedia of Chicago. Last modified 2005. Accessed June 30, 2011. http://www.encyclopedia. chicagohistory.org/pages/516. html

llinois Department of Agriculture (IDOA). 2020. "History of The Illinois Department Of Agriculture - About Us." Retrieved March 11, 2020: https://www2.illinois.gov/ sites/agr/About/Pages/Historyof-The-Illinois-Department-Of-Agriculture.aspx

llinois Department of Natural Resources (IDNR). 2020. "About Us - About Us." Retrieved March 11, 2020: https://www2.illinois. gov/dnr/about/Pages/default. aspx

llinois Department of Public Health.

2015. Population Projections-Illinois, Chicago and Illinois Counties by Age and Sex: July 1, 2010 to July 1, 2025 (2014 Edition).

llinois Department of

Transportation (IDOT). 2020. "Environment". Retrieved Mar. 11, 2020: http://www.idot.illinois. gov/transportation-system/ environment/index

Ilinois Environment Protection Agency (IEPA). June 15, 2018 (Draft). Illinois Integrated Water Quality Report and Section 303(d) List, 2018, Clean Water Act Sections 303(d), 305(b), and 314, Water Resource Assessment Information and List of Impaired Waters. Illinois Environmental Protection Agency-Bureau of Water.

llinois Environmental Protection Agency (IEPA). 2020. "About Us - About Us." Retrieved March 11, 2020: https://www2.illinois.gov/ epa/about-us/Pages/default.aspx

llinois Environment Protection Agency. 2020. Source Water Protection Program. Accessed February 5, 2020. https://www2. illinois.gov/epa/topics/waterquality/swap/Pages/default.aspx

Ilinois Environmental Protection Agency. January 2009. Nutrient Control Design Manual-State of Technology Review Report. Produced by Cadmus Group, Inc. EPA/600/R-09/012.

Ilinois Environmental Protection Agency. March 2006. Rock River Basin Assessment: An Overview of the Rock River Watershed in Illinois. Bureau of Water.

Ilinois Tollway. 2019. "Invasives to Energy Research Project." Illinois Tollway in partnership with University of Connecticut, and Loyola University Chicago's Environmental Testing Laboratory.

Ilinois Pollution Control Board. 2011. Part 302: Water Quality Standards, Illinois Adm. Code 35: Environmental Protection. Chicago, IL.

Ilinois State Geological Survey. 2004. Groundwater Geology of DeKalb County, Illinois with Emphasis on the Troy Bedrock Valley. Illinois Department of Natural Resources, Circular 563 2004.

Ilinois State Water Survey. 2012. 2012-03. Northeastern Illinois Water Supply Planning Investigations: Opportunities and Challenges of Meeting Water Demand in Northeastern Illinois.

Ilinois State Water Survey. 2020. Appendix F. ISWS Aquifer Code System. Accessed February 5, 2020 https://www.isws.illinois. edu/pubmore/ISWSCR2009-07/ ISWSCR2009-07_part08_ AppendixF_hi-res.pdf

Kishwaukee Water Reclamation District (KWRD). 2019. "Kishwaukee Water Reclamation District Phase 1B Improvements." Retrieved November 21, 2019: http://kishwrd.com/the-sewerplant/ph1b_improvements/

Mancl, K. 1984. Estimated septic tank pumping frequency. J. Environ. Engineer. 110:283-285.

eyer, Elliot. 2018. "Webinar: Satellite Imagery Used in Conservation." Rara Journal. Retrieved June 1, 2020: http://wislandwatermedia. org/2018/05/02/webinar-satelliteimagery-used-in-conservation/

ichigan Department of Environmental Quality. June 1999. Pollutants Controlled Calculation and Documentation for Section 319 Watersheds Training Manual.

- ohamed, Rayman. January 2006. "The Economics of Conservation Subdivisions: Price Premiums, Improvement Costs, and Absorption Rates." Urban Affairs Review: Vol. 41, No. 3. pp. 376-399. Sage Publications.
- ational Sustainable Agriculture Coalition (NSAC). 2019. "Agricultural Conservation Easement Program." Washington, DC. Retrieved Mar. 11, 2020: https://sustainableagriculture.net/ publications/grassrootsguide/ conservation-environment/ agricultural-conservationeasement-program/
- Natural Resources Conservation Service (NRCS). October 2009. "Tile Drainage Probability, Draft". United States Department of Agriculture. Retrieved February 27, 2020: https://www.nrcs. usda.gov/Internet/FSE_MEDIA/ stelprdb1167167.jpg
- Needleman, Hannah. 2015. "The Use, Impact, and Ban of Coal Tar-Based Sealants." Virginia Coastal Polucy Center at William & Mary Law School. Sea Grant Virginia.

Office of the Illinois Secretary of State (OISS). 2019. "Drainage Districts." Illinois Regional Archives Depository System. Retrieved Mar 27, 2019: https:// www.cyberdriveillinois.com/ departments/archives/IRAD/ drainage.html

hio Environmental Protection Agency. 1999. "Association between nutrients, habitat, and the aquatic biota in Ohio rivers and streams." Ohio EPA Technical Bulletin MAS/1999-1-1, Columbus.

Paap, Kathleen and Hey, Donald. 2019. "Using Wetlands to Reduce the Effects of Sodium Chloride on Water and Soil Habitats." White paper supplied by Illinois Tollway.

Regeneration International. 2019. "Why Regenerative Agriculture." Retrieved March 5, 2020: https:// regenerationinternational.org/ why-regenerative-agriculture/

Schrader, Barry. 2009. "Uncovering fascinating facts about Kishwaukee River." DeKalb County Life. Accessed January 28, 2019: http://www.dekalbcountylife. com/11-24-09.htm

Schueler, T. 1994. The Importance of Imperviousness. Watershed Protection Techniques. 1(3): 100-111.

Southeastern Wisconsin Regional Planning Commission (SEWRPC). 2010. Managing the Water's Edge: Making Natural Connections. Retrieved February 25, 2020: https://www.delavan-lake.org/ ManagingtheWatersEdgebrochure.pdf

Stout, H. M. 2003. Soils and onsite wastewater treatment system performance in northern Indiana. Master's thesis, Purdue University, West Lafayette, IN.

Studenkov, Igor. September 19, 2018. "Metra says Chicago-to-DeKalb line in long-range plans." Chronicle Media, DeKalb County Journal. Accessed April 25, 2019: http://chronicleillinois.com/news/ dekalb-county-news/metra-sayschicago-to-dekalb-line-in-longrange-plans/ Terra Genesis International. 2016. Regenerative Agriculture: A Definition. Creative Commons Attribution 4.0. Retrieved March 5, 2020: http://www.regenerativeagriculturedefinition.com/

United States Army Corps of Engineers (USACE). 2020. Regulator Program and Permits. Retrieved March 11, 2020: https://www.usace. army.mil/Missions/Civil-Works/Regulatory-Program-and-Permits/

United States Census Bureau. Quick Facts; Sycamore city, Illinois; Dekalb city, Illinois. Retrieved from https://www.census.gov/ quickfacts/fact/table/sycamorecityillinois,dekalbcityillinois/LFE041217

United States Department of Agriculture (USDA). 1986. Technical Release 55 (TR-55). Urban Hydrology for Small Watersheds.

United States Department of Agriculture (USDA). 2007. "Chapter 7: Hydrologic Soils Groups." Part 630 Hydrology, National Engineering Handbook. Natural Resources Conservation Service. 210-VI-NEH, May 2007.

United States Department of Agriculture (USDA). 2020. "About the U.S. Department of Agriculture | USDA." Retrieved March 11, 2020: https://www.usda.gov/our-agency/ about-usda

United States Department of Agriculture (USDA). 2020. "Agricultural Conservation Easement Program." Natural Resources Conservation Service. Retrieved Mar. 11, 2020: https://www.nrcs.usda.gov/ wps/portal/nrcs/main/national/programs/easements/acep/

United States Department of Agriculture (USDA). 2020. "Wetland Reserve Enhancement Partnership (WREP)." Natural Resources Conservation Service. Retrieved Mar. 11, 2020: https://www.nrcs.usda.gov/ wps/portal/nrcs/detail/national/ programs/easements/acep/?cid=nrcseprd1459249 United States Department of Transportation (USDOT). 2020. "About USDOT". Home, US Department of Transportation. Retrieved March 11, 2020: https://www.transportation.gov

United States Environmental Protection Agency (USEPA). 2020. "About USEPA". Retrieved March 11, 2020: https://www.epa.gov/aboutepa

United States Environmental Protection Agency (USEPA). 2016. "Stormwater Best Management Practice: Coal-Tar Sealcoat, Polycyclic Aromatic Hydrocarbons, and Stormwater Pollution." Office of Water, 4203M. EPA 833-F-12-004. Retrieve Apr 5, 2019: https://www3. epa.gov/npdes/pubs/coaltar.pdf

United States Environmental Protection Agency (USEPA). 2016. Stormwater Trees. Technical Memorandum. Retrieved Apr 9, 2019: https://www.epa.gov/sites/ production/files/2016-11/documents/final_stormwater_trees_technical_memo_508.pdf

United States Environmental Protection Agency. 2005. "Protecting Water Quality from Agricultural Runoff." EPA 841-F-05-001. Retrieved Sept 5, 2019: https://www.epa.gov/ sites/production/files/2015-09/documents/ag_runoff_fact_sheet.pdf

United States Environmental Protection Agency. 2012. "5.11 Fecal Bacteria." Water: Monitoring & Assessment. Retrieved: http:// water.epa.gov/type/rsl/monitoring/ vms511.cfm.

United States Environmental Protection Agency. 2012. "Overview of EPA Authorities for Natural Resource Managers Developing Aquatic Invasive Species Rapid Response and Management Plans: CWA Section 402-The National Pollutant Discharge Elimination System (NPDES)." Retrieved: http://water. epa.gov/type/oceb/habitat/cwa402. cfm United States Environmental Protection Agency. 2012. Water: Monitoring and Assessment – Fecal Bacteria. Accessed January 22, 2012. Retrieved from: http:// water.epa.gov/type/rsl/monitoring/ vms511.cfm

United States Environmental Protection Agency. December 2000. Ambient Water Quality Criteria Recommendations: Information Supporting the Development of State and Tribal Nutrient Criteria for Rivers and Streams in Nutrient Ecoregion VI. EPA 822-B-00-017.

United States Environmental Protection Agency. March 2005. A Homeowner's Guide to Septic Systems. Report No. EPA-832-B-02005. Washington, D.C.

United States Environmental Protection Agency. March 2008. Handbook for Developing Watershed Plans to Restore and Protect Our Waters. Office of Water-Nonpoint Source Control Branch. Washington, DC. EPA 841-B-08-002.

United States Fish and Wildlife Service (USFWS). 2020. "About Fish and Wildlife Service." Retrieved March 11, 2020: https://www.fws. gov/help/about_us.html

United States Geological Survey in cooperation with United States Environmental Protection Agency. 2006. Present and Reference Concentrations and Yields of Suspended Sediment in Streams in the Great Lakes Region and Adjacent Areas. Scientific Investigations Report 2006-5066.

University of California, Davis (UC Davis). 2017. "Conservation Tillage." Sustainable Agriculture Research and Education Program. UC Division of Agriculture and Natural Resources. Retrieved Aug 14, 2019: https://asi.ucdavis.edu/programs/ ucsarep/about/what-is-sustainable-agriculture/practices/conservation-tillage University of Illinois at Urbana-Champaign (UIUC) - Extension. 2020. "Livestock Facilities and Manure Management: University of Illinois Extension." College of Agricultural, Consumer & Environmental Sciences. Retrieved Mar. 11, 2020: https://extension.illinois.edu/lfmm

University of Kentucky Cooperative Extension (UKCE). 2012. "Septic System Failure and Environmental Impacts." Cooperative Extension Service. University of Kentucky College of Agriculture, Lexington, KY. HENV-502.

University of New Hampshire (UNH) Stormwater Center, Virginia Commonwealth University, and Antioch University New England. July 2011. Forging the Link: Linking the Economic Benefits of Low Impact Development and Community Decisions. Millerworks: Portsmouth, NH.

Village of Malta. 2003. Village of Malta Comprehensive Plan. Malta Plan Commission. Land Vision, Inc. as plan consultant.

Waters, T.F. 1995. Sediment in Streams: Sources, Biological Effects, and Control. American Fisheries Society Monograph 7. Bethesda, Maryland, 251pp.

Wetlands Research, Inc. 2019. "An Ecological Solution for Reducing Chloride." Donald Hey and Kathleen Paap. Supplied by Illinois Tollway.

Wisconsin Department of Natural Resources. September 2013. A Water Quality Trading How To Manual. Guidance #: 3400-2013-03.

Zielinski, J. 2002. Watershed Vulnerability Analysis. Center for Watershed Protection. Ellicott City, MD, 22pp. This page intentionally left blank.