
REFERENCES

Agency for Toxic Substances and Disease Registry (ATSDR), 2000, Public Health Statement for Polychlorinated Biphenyls (PCBs), (<http://www.atsdr.cdc.gov/toxprofiles/phs17.html>)

American Society for Quality, 2004, Glossary compiled by *Quality Progress* staff (<http://www.asr.org/info/glossary/r.html>)

Atkinson, J. B., 2004, Excerpts about VAFO fish survey from: Fish Inventories of Mid-Atlantic and Northeast Coastal and Barrier Network Parks within Virginia, Maryland and Pennsylvania 2003 Annual Report.

Barbour, M.T., J. Gerritsen, B.D. Snyder, and J.B. Stribling, 1999, Rapid Bioassessment Protocols for Use in Streams and Wadeable Rivers: Periphyton, Benthic Macroinvertebrates and Fish, Second Edition. EPA 841-B-99-002. U.S. Environmental Protection Agency; Office of Water; Washington, D.C.

Chester County, 1996, Landscapes Managing Change in Chester County, 1996-2020, Comprehensive Plan Policy Element.

Chester County, 2002, Watersheds, An Integrated Water Resources Plan for Chester County, Pennsylvania and Its Watersheds.

Chester County Health Department 2004, Chester County Health Department Stream Quality Monitoring Program Data: August 1990 to April 2003.

Chester County Planning Commission, undated, circa 1971, Chester County Population Analysis Census 1970.

Chester County Planning Commission 2002, Population Projections 2005 to 2030, Chester County Planning Commission Planning Bulletin #55.

Chester County Water Resources Authority, et al, 2001, Chester County, Pennsylvania Water Resources Compendium.

Chester County Water Resources Authority, et al., 2002, Valley Creek Watershed Action Plan.

Chester County Water Resources Authority, 2004, Act 167 Watershed Stormwater Management Plan For The Valley Creek Watershed Phase I Final Report Scope Of Study For Phase II.

Cinotto, P.J., 2003, Development of regional curves of bankfull-channel geometry and discharge for streams in the non-urban, Piedmont Physiographic Province, Pennsylvania and Maryland: U.S. Geological Survey Water Resources Investigations Report 03-4014, 27 p.

Delaware Valley Regional Planning Commission, 2003, GIS files developed from the publication '2000 Land Use Mapping'.

Dunne, T., and Leopold, L.B., 1978, *Water in Environmental Planning*: San Francisco, Calif., W.H. Freeman, 818 p.

Eco-USA.net, 2004, [cited June 2004]. Chlordane.(<http://www.eco-usa.net/toxics/clordane.shtml>)

Emerson, C.H., 2004, Unpublished GIS files.

EPA, 2000, [cited June 2004], *Principles for the Ecological Restoration of Aquatic Resources*. EPA841-F-00-003. Office of Water (4501F), United States Environmental Protection Agency, Washington, DC. 4 pp. (<http://www.epa.gov/owow/wetlands/restore/principles.html>)

EPA, 2004a, (cited June 2004), Paoli Rail Yard – Mid-Atlantic Superfund, (<http://epa.gov/reg3hwmd/super/PA/paoli-rail/index.htm>)

EPA, 2004b, (cited June 2004), Malvern TCE – Mid-Atlantic Superfund, (<http://epa.gov/reg3hwmd/super/PA/malvern-tce>)

EPA, 2004c, (cited June 2004), Foote Mineral Company – Mid-Atlantic Superfund, (<http://epa.gov/reg3hwmd/super/PA/foote-mineral/index.htm>)

EPA, 2004d, (cited June 2004), EPA’s Clean Air Markets website. (www.epa.gov/airmarkets/index.html)

Gutshall, M., 2004, Presentation to the Valley Creek Restoration Partnership June 16, 2004.

GTS Technologies, Inc (GTS), 2004, Unpublished GIS files, including aerial photographs from 1946.

Heister, Jr., Dr. R. D., 2004, Significant Events and Changes in Valley Creek 1958-present (Abstract from the Valley Creek Watershed Summit, April 2004).

Heritage Conservancy, 2001, Riparian Buffer Assessment of Southeastern Pennsylvania.

Hilsenhoff, W.L., 1977 “Use of Arthropods to Evaluate Water Quality in Streams”, Technical Bulletin Number 100, Department of Natural Resources, Madison, WI.

Imagineering Associates, 1979, Treatability Proposal Knickerbocker Sanitary Landfill, Revised August 1979.

Kentucky Water Watch (Kywater.org), [cited June 2004], Ammonia and Water Quality, (<http://kywater.org/ww/ramp/rmnh4.htm>.)

Keystone Stream Team and Alliance for the Chesapeake Bay, 2003,. Guidelines for Natural Stream Channel Design for Pennsylvania Waterways, (www.canaanvi.org/nscdguidelines/)

Imagineering Associates, 1979, Revised Report Leachate Quality and Pretreatment Knickerbocker Landfill.

- Ludlow, R.A. and C.A., Loper, 2004, Chester County Ground-Water Atlas, Chester County, Pennsylvania. U.S. Department of the Interior, USGS 03-442, New Cumberland, PA.
- McCandless, T.L. and R.A. Everett, 2002, US Fish & Wildlife Service: Chesapeake Bay Field Office, Maryland Stream Survey: Bankfull Discharge and Channel Characteristics of Streams in the Piedmont Hydrologic Region, CBFO-S02-01.
- McGinty, A.L., 2003, Geostatistical Evaluation of the Effects of Urbanization on Spring Water Quality in Valley Creek Watershed, MS Thesis, Department of Civil, Architectural, and Environmental Engineering, Drexel University, Philadelphia, PA.
- Mecklenberg, D., 2004, Stream Morphology Utilities, Ohio Department of Natural Resources, (<http://www.dnr.state.oh.us/soilandwater/streammorphology.htm>)
- Moore, C.R., 1987, Determination of Benthic-Invertebrate Indices and Water-Quality Trends of Selected Stream in Chester County, Pennsylvania, 1969-80, USGS Water-Resources Investigations Reports 85-4177.
- Moss, S.A., Circa 2004, Ambient Water Quality Guidelines for Boron: Overview. (<http://wlapwww.gov.bc.ca/wat/wq/BCguidelines/boron.html>)
- Murphy, S., 2002, [cited June 2004], Information on Water Quality Parameters, City of Boulder/USGS Water Quality Monitoring, (<http://bcn.boulder.co.us/basin/data/NUTRIENTS/info/>)
- Myers, M.S., C.M. Stehr, O.P. Olson, L.L. Johnson, B.B. McCain, S.-L. Chan, and U. Varanasi, 1993, National Benthic Surveillance Project: Pacific coast. Fish histopathology and relationships between toxicopathic lesions and exposure to chemical contaminants for cycles I to V (1984-88), National Oceanic and Atmospheric Administration Tech. Memorandum NMFS-NWFSC-6, 160 pp.
- Owens, O., 1993, Living Waters How to Save Your Local Stream, Rutgers University Press.
- Pathfinder Science, 2004, Stream Monitoring. (www.kancrn.org/stream/index.cfm)
- Pennsylvania Department of Environmental Protection (PADEP), 2004, 2004 Pennsylvania Integrated Water Quality Monitoring and Assessment Report, (<http://www.dep.state.pa.us/dep/deputate/watermgt/wqp/wqstandards/303d-report.htm>)
- Pennsylvania Fish and Boat Commission (PAFBC), (cited May 2004), Summary Book, "Pennsylvania Summary of Fishing Regulations and Laws-Miscellaneous Water with Special Regulations – updated 31 March, 2004", (http://sites.state.pa.us/PA_Exec/Fish_Boat/fishpub/summary/miscwaters.html)
- Pennsylvania Code (PA Code), 2001, Title 25 – Environmental Protection, Chapter 93 – Water Quality Standards, from Pennsylvania Codes Website (www.pacode.com), July 2003.
- Reif, A.G., 1999, Physical, chemical, and biological data for selected streams in Chester County, Pennsylvania, 1981-94: U.S. Geological Survey Open-File Report 99-216, 607 p.

- Reif, A.G., 2000, Physical, chemical, and biological data for selected streams in Chester County, Pennsylvania, 1995-97: U.S. Geological Survey Open-File report 00-238, 147 p.
- Reif, A.G., 2002a, Assessment of stream quality using biological indices at selected sites in the Schuylkill River Basin, Chester County, Pennsylvania, 1981-97: U.S. Geological Survey Fact Sheet FS-114-02, 4 p.
- Reif, A.G., 2002b, Assessment of stream conditions and trends in biological and water-chemistry data from selected streams in Chester County, Pennsylvania, 1981-97: U.S. Geological Survey Water-Resources Investigations Report 02-4242, 77 p
- Reif, A.G., 2004, Unpublished Summary of Biological Monitoring of Benthic Macroinvertebrates of East Valley Creek Watershed, unpublished, Results from Chester County-U.S. Geological Survey Stream Conditions of Chester County Biological Monitoring Network.
- Root, C., 2004, Personal communication, June 2004.
- Rosgen, D., 1996, Applied river morphology: Minneapolis, Minn., Printed Media Companies, 352 p
Schwab, Glenn O., Delmar D. Fangmeier, William J. Elliot, & Richard K. Frevert. (1993). Soil and Water Conservation Engineering Fourth Edition.
- Senior, L.A., 1998, Radon-222 in the ground water of Chester County, Pennsylvania: U.S. Geological Survey Water-Resources Investigations Report 98-4169, 79 p.
- Schreffler, C.L., 1997, Drought-trigger ground-water levels and analysis of historical water-level trends in Chester County, Pennsylvania: U.S. Geological Survey Water-Resources Investigations Report 97-4113, 6 p.
- Sloto, R.A., 1989, Effects of Urbanization on Storm Runoff Volume and Peak Discharge of Valley Creek, Eastern Chester County, Pennsylvania, U.S. Geological Survey WRIR 87-4196.
- Sloto, R.A., 1990, Geohydrology and simulation of ground-water flow in the carbonate rocks of the Valley Creek basin, eastern Chester County, Pennsylvania: U.S. Geological Survey Water-Resources Investigations Report 89-4169, 60 p.
- Sloto, R.A., 1994, Geology, hydrology, and ground-water quality of Chester County, Pennsylvania: Chester County Water Resources Authority Water Resources Report 2, 127 p.
- Steffy, Luanne Y., 2003, "Qualifications of the Impacts of Urbanization and Land Use on Fish Communities in Valley Creek Watershed, Chester County, PA", MS Thesis, Department of Civil, Architectural, and Environmental Engineering, Drexel University, Philadelphia, PA.
- Steiner, L., circa 2004, Pennsylvania Fishes.
(http://sites.state.pa.us/PA_Exec/Fish_Boat/pafish/fishhtms/chapindx.htm)
- The Philadelphia Inquirer, 1989, DER aims to close Knickerbocker Landfill, December 28, 1989.

U.S. Department of Agriculture, 1963 (Revised 1972), Soil Conservation Service (sic NRCS), Soil Survey of Delaware and Chester Counties, PA

U.S. Department of Agriculture (USDA), Natural Resources Conservation Service, 1997, Soil Survey Geographic Database for Chester County, PA.

U.S. Department of Agriculture (USDA), Natural Resources Conservation Service, 1998, Stream Visual Assessment Protocol, National Water and Climate Center Technical Note 99-1.

Valley Creek Trustee Council (VCTC), Draft 2004, Valley Creek Draft Restoration Plan/Environmental Assessment.
(http://sites.state.pa.us/PA_Exec/Fish_Boat/images/exec/env_ser/valleycreek/valleycreek.htm).

Water on the Web, 2004, University of Minnesota, (cited June 2004), Duluth, MN. Available from: <http://wow.nrri.umn.edu/wow/under/parameters/conductivity.html>

Whitehead, A., 2004, Unpublished field data sheets for Valley Creek Assessed Waters survey.

Wilkes University Center for Environmental Quality, GeoEnvironmental Sciences, and Engineering Department, (cited June 2004), Partial Listing of General Surface Water Physical and Chemical Standards, (<http://wilkes1.wilkes.edu/~eqc/surfacewater.htm>)

Additional References

Advanced Biology Students of Conestoga Sr. High School, 1973, "Land Use Model for Predicting the Environmental Impact of Future Urbanization on the Valley Creek Watershed with Recommendations for Communities within the Watershed"

Advanced Biology Students of Conestoga High School, Tredyffrin-Easttown School District, under the direction of Dr. Ralph D. Heister, Jr., 1983, Valley Creek Watershed Revisited.

Advanced Biology Students of Conestoga High School, Tredyffrin-Easttown School District, under the direction of Dr. Ralph D. Heister, Jr., 1979, The Impact of the Installation of Sewers on Valley Creek and It's Surrounding Watershed.

Department of Environmental Protection, Commonwealth of Pennsylvania, Post-Construction Storm Water Control in the Valley Creek Exceptional Value (EV) Watershed.
(<http://www.dep.state.pa.us/dep/deputate/fieldops/se/Stormwater/valleycreek.htm>)

Emerson, C.H., 2003, Evaluation of the Additive Effects for Stormwater Detention basins at the Watershed Scale, Thesis, Drexel University

Steffy, L. Y., 2003, Open Letter titled "To the friends of Valley Creek", dated June 16, 2003.

U.S. Geological Survey, 1975-2002, Water Resources Data for Pennsylvania, 1974-2001--Volume 1: U.S. Geological Survey Water Data Reports PA-74-1 to PA-01-1 (published annually).

U.S. Geological Survey (USGS), 2001, A Primer on Water Quality, FS-027-01.
(<http://water.usgs.gov/pubs/fs/fs-027-01/>)

Unicorn Management Consultants, LLC, 2004, Final (100%) Design for Remedial Action Non-Rail Yard Site Property (Stream Sediment Portion of the Remedy), Paoli Rail Yard Superfund Site, Chester County, Paoli, Pa.

Valley Creek Settlement Agreement, 2000, Docket No. 2000-068-MG.
(<http://www.dep.state.pa.us/dep/deputate/fieldops/se/Stormwater/ValleyCreek/VCCsettlement.pdf>)