

## **APPENDIX C: DATA SOURCES UTILIZED**

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# Appendix C

## Spatial Data Sources Utilized

Map/Figure	Feature/Shapefile	Source	
		Orange County	Ulster County
General/Base	Roads	O.C. GIS Department	U.C. Information Services
General/Base	Railroads	O.C. GIS Department	
General/Base	Municipal Boundaries	O.C. GIS Department	U.C. Information Services
General/Base	Hamlet Centers	O.C. GIS Department	
General/Base	Water Bodies	O.C. GIS Department/OCPD; delineated from aerial photography	New York State Department of Environmental Conservation and U.C. Planning Department; delineated from aerial photography
General/Base	Quassaick Creek Watershed and sub- watersheds	OCPD; delineated from 2-ft contour data	U.C. Information Services
General/Base	Aerial Photography	New York State Department of State, Division of Coastal Resources, GIS Unit	
Figure 2	Silver Stream Diversion	Estimated from aerial photography and hydrography data	N/A
Figure 2	Murphy's Ditch	Estimated from aerial photography and historic accounts	N/A
Figure 2	Potential Underground Channel	Quassaick Creek Watershed Alliance	N/A
Figure 9	Environmental Remediation Sites	NYSDEC	



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Map/Figure	Feature/Shapefile	Source	
		Orange County	Ulster County
Figure 14/15	Environmental Justice Areas	NYSDEC	
Figure 19	Mapable Recommendations	OCPD	N/A
Figure 21	Stormwater Pond Locations	OCPD	OCPD
Figure 24	Wetland Restoration Opportunities	HDR	N/A
Map 1   Location Map	Wallkill River Watershed	USGS Water Resources and OCPD	
	Moodna Creek Watershed		
Map 2   Soils	Soils	United States Department of Agriculture	
Map 3   Hydrologic Features	NYSDEC Wetlands	NYSDEC	
	Nationwide Inventory Wetlands	U.S. Fish and Wildlife Service	
Map 4   Floodplains	High Risk Floodplain	Federal Emergency Management Agency	
	Sand and Gravel Aquifers	O.C. GIS Department and NYSDEC	NYSDEC
Map 5   Water Quality	NYSDEC Best Use Classification	NYSDEC	
	Stream Biomonitoring Data	OCPD and NYSDCE	
	NYSDEC 303D Waterbodies	NYSDEC	
	NYSDEC Priority Waterbodies	NYSDEC	



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Map 6   Water Supply and Wastewater Treatment	Sewer Districts	O.C. GIS Department	U.C. Information Services
	Water Districts	O.C. GIS Department	U.C. Information Services
	Water Supply Wells	O.C. GIS Department	N/A
	SPDES Permits	NYSDEC	
	NYC Aqueducts	Derived from National Hydrography Dataset	
Map 7   Rare Species and Significant Natural Communities	Dams	NYSDEC/NOAA/Quassaick Creek Watershed Alliance	
	Rare Animals	NYSDEC Natural Heritage Program, 6/13/2012	
	Rare Plants		
	Significant Natural Communities		
Map 8   Land Use/Land Cover	Agriculture Districts	OCPD/O.C. Real Property	U.C. Information Services
	National Land Cover Data 2006	USGS Land Cover Institute	
Map 9   Impervious Surface and Riparian Areas	Riparian Area	OCPD	
	Impervious Surface	National Land Cover Data 2006/USGS Land Cover Institute	
	Natural Areas	National Land Cover Data 2006/USGS Land Cover Institute	
Map 10   Protected Open Space and Development Trends	Priority Growth Areas	OCPD	UCPD
	Developed Land	O.C. Real Property	U.C. Informational Services
	Future Development	OCPD	N/A
	Open Space, Parks, etc.	OCPD	UDPD
	Public Access Locations	Quassaick Creek Watershed Alliance	



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### Acronyms:

New York State Department of Environmental Conservation (NYSDEC); OCPD (Orange County Planning Department); UCPD (Ulster County Planning Department); USGS (United States Geological Survey)

