

Design for Health Checklists for Comprehensive Plan Elements

Water Resources

Questions for All Sections

	Yes	No	NA	Comment
Is there explicit language connecting the plan element to human health?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Where are there areas where explicit language could be added?				
What other health topics, if any, could be incorporated into this section?				
Is there an implementation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are all residential areas planned for an average of 4 (preferably 7) units per gross acre?				

Essential for Health

	Yes	No	NA	Comment	DFH Topic
Are planned residential uses located in areas with existing water and sewer infrastructure or where it is planned to occur with development?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Water Quality
Are there existing or planned vegetated buffers along all water bodies (preferably 20m to 50m) to prevent non-point pollution from impervious surfaces?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Water Quality
Are industrial parks and roads located away from (down gradient or side gradient) from well areas?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Water Quality
Are EPA ground- and surface-water protection overlay districts created using land use geographic zone categorizations (i.e. Zone 1 – within 1000 feet of the public well supply)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Water Quality

Good for Health

	Yes	No	NA	Comment	DFH Topic
Are brownfields inventoried through a shared database providing liability resources? Does the plan identify or inventory brownfield locations? Are there policies or incentives that regulate the cleanup?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Environment and Housing
Does the plan provide separation between potentially contaminating uses and surface water bodies?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Environment and Housing, Water Quality
Are GIS maps consulted to overlay brownfield locations (DNR provided) with current land use and watershed maps to identify areas in danger of pollution?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Environment and Housing, Water Quality
Has water quality been integrated into traditional planning tools like environmental resources and conservation, public infrastructure, parks and open space?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Water Quality

Design for Health Checklists for Comprehensive Plan Elements

Water Resources

Good for Health

	Yes	No	NA	Comment	DFH Topic
Are there development and landscape design standards for water (i.e. green roofs, encouraging rain gardens, buffer thresholds, ordinances for pervious pavement)?					Water Quality
Will educational programs be used such as the NEMO (Nonpoint, Education, for Municipal Officials) Program?					Water Quality
Are there surface-runoff policies/plans that require diversion and collection of water to natural drainage and filtration areas (detention ponds, infiltration pits, swales berms, green strip filters, gravel beds and French drains)?					Water Quality
Are parking lots and driveways required to use porous materials and containment strategies (avoid isolated permeable areas, grades of property to divert flow to permeable area, etc.)?					Water Quality
Are decentralized wastewater treatment systems addressed through regulations about design options, site conditions, operations and maintenance requirements, inspections monitoring and financial support (EPA 2005)?					Water Quality
Are density limitations assigned to septic tanks and drain fields?					Water Quality
Are ground and surface water protected through tools like a reservoir protection overlay zone, prohibiting storage, treatment, production, or disposal of federally-recognized hazardous materials (excluding dry cleaning, photo processing, sevice station, or junkyards)?					Water Quality
Are site development reviews provided for developments within 1000 feet of wells (site conditions, management practices, minimized grading/vegetation removal)?					Water Quality
Are public education and incentive for water quality provided, such as recreational water resources guide, incentives and technical resources for rain gardens, and septic tank management program loans?					Water Quality