

Central Indiana Development Ordinance Review Checklist

Introduction

The Central Indiana Development Ordinance Review Checklist was created as part of an effort to assist the City of Indianapolis and other nearby communities evaluate existing development codes, regulations and ordinances to identify potential regulatory or planning process impediments that affect the use of or successful implementation of low impact development practices in new development as well as in infill or redevelopment.

This checklist is a tool that land use planners, transportation planners, public works personnel, city engineers, building code enforcement officers, development site plan reviewers, and others can use to evaluate the state of existing codes, regulations, ordinances and practices. Once topics or issues that may hinder use of LID practices are identified, personnel from these entities can work together to modify codes to enable/encourage/promote the use of LID practices by the city departments, builders, developers and property owners to apply low impact techniques while also ensuring high quality development, adequate access and public safety.

Instructions

The Development Ordinance Review Checklist consists of 45 main topic questions and is divided into five main categories:

1. Residential Streets, Parking Lots and Other Transportation Infrastructure
2. Lot Development Principles
3. Conservation of Natural Areas
4. Comprehensive Planning, Zoning and Other Regulatory Considerations
5. Stormwater Planning and Practices

This checklist is to be completed by one or more city/community representative that utilizes the codes, ordinances, or regulations listed below. Following completion of each main section, the reviewer(s) should make note of: the ordinance reviewed, his/her name, title, and the date of review to enable identification of possible ordinance sections to target in future updates.

- Zoning Ordinance
- Subdivision Codes
- Street Standards or Road Design Manual, Parking Requirements
- Building and Fire Regulations/Standards
- Stormwater Management or Drainage Criteria
- Buffer or Floodplain Regulations
- Environmental Regulations
- Tree Protection and/or Landscaping Ordinance
- Erosion and Sediment Control Ordinances (Indianapolis Code Ch. 561-Drainage and Sediment Control)
- Public Fire Defense Master Plans
- Grading Ordinance
- Stormwater Management Plan

Residential Streets, Parking Lots and Other Transportation Infrastructure

Development Feature or Element	Local Criteria
1. Street Width	
What is the minimum pavement width allowed for streets in low density residential developments that have less than 500 average daily trips (ADT)?	_____ feet
If your answer is between 18-22 feet , 1 point →	<input type="text"/>
At higher densities are parking lanes allowed to also serve as traffic lanes (i.e., queuing streets)?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
2. Street Length	
Do street standards promote the most efficient street layouts that reduce overall street length and minimize total paved area?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
3. Right-of-Way Width	
What is the minimum right-of-way (ROW) width for a residential street?	_____ feet
If your answer is less than 45 feet , 1 point →	<input type="text"/>
Does the code allow utilities to be placed under the paved section of the ROW (or immediately adjacent to the road edge permitting use of swales on adjacent land)?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Are other LID stormwater management practices permitted in transportation ROW (i.e., protect site hydrology, limit clearing/grubbing, reduce cut & fill, protect natural features)?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
4. Cul-de-Sacs	
What is the minimum radius allowed for cul-de-sacs?	_____ feet
If your answer is less than 35 feet , 1 point →	<input type="text"/>
OR, If your answer is between 36 to 45 feet , 1 point →	<input type="text"/>
Can a landscaped island (bioretention cells) be created within the cul-de-sac?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
SUBTOTAL PAGE 2	<input style="border: 2px solid black;" type="text"/>

<i>Development Feature or Element</i>	<i>Local Criteria</i>
Are alternative turn-arounds such as “hammerheads” on short streets or one-way loop streets allowed in low density residential developments	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
5. Pavement	
Are pervious road surfaces or alternative road surfaces and design permitted (road, shoulder, parking lanes) in residential areas?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Are there guidelines for types and use of acceptable alternative paving materials and design?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
6. Parking Ratios	
What is the minimum parking ratio for a professional office building (per 1,000 ft ² of gross floor area)?	_____ spaces
If your answer is less than 3.0 spaces , 1 point →	<input type="text"/>
What is the minimum required parking ratio for shopping centers (per 1,000 ft ² gross floor area)?	_____ spaces
If your answer is 4.5 spaces or less , 1 point →	<input type="text"/>
What is the minimum required parking ratio for single family homes (per home)?	_____ spaces
If your answer is less than or equal to 2.0 spaces , 1 point →	<input type="text"/>
Are your parking requirements set as maximum or median (rather than minimum) requirements?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
7. Parking Codes	
Is the use of shared parking arrangements promoted (e.g., sharing by mixed use occupancy land uses with different peak period parking demands—weekday, evening, weekend allowing for a reduction in total spaces)?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Are model shared parking agreements provided?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Are parking ratios reduced if shared parking arrangements are in place?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
If mass transit is provided nearby, is the parking ratio reduced?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
SUBTOTAL PAGE 3	<input style="border: 2px solid black;" type="text"/>

<i>Development Feature or Element</i>	<i>Local Criteria</i>
8. Parking Lots	
What is the minimum stall width for a standard parking space?	_____ feet
<i>If your answer is 9 feet or less, 1 point →</i>	<input type="text"/>
What is the minimum stall length for a standard parking space?	_____ feet
<i>If your answer is 18 feet or less, 1 point →</i>	<input type="text"/>
Are at least 30% of the spaces at larger commercial parking lots required to have smaller dimensions for compact cars?	YES / NO
<i>If your answer is YES, 1 point →</i>	<input type="text"/>
Can pervious materials be used for spillover parking areas?	YES / NO
<i>If your answer is YES, 1 point →</i>	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
9. Structured Parking	
Are there any incentives to developers to provide parking within garages rather than surface parking lots?	YES / NO
<i>If your answer is YES, 1 point →</i>	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
10. Parking Lot Runoff	
Is a minimum percentage of a parking lot required to be landscaped?	YES / NO
<i>If your answer is YES, 1 point →</i>	<input type="text"/>
Is there an incentive to use sustainable landscape design that further prioritizes the percentage of parking lot required to be landscaped (e.g., native species, bioretention islands, etc.)?	YES / NO
<i>If your answer is YES, 1 point →</i>	<input type="text"/>
Is the use of bioretention islands and other stormwater practices within landscaped areas or setbacks allowed?	YES / NO
<i>If your answer is YES, 1 point →</i>	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
11. Curb Design	
Do regulations permit curbless parking lot design?	YES / NO
<i>If your answer is YES, 1 point →</i>	<input type="text"/>
Do regulations permit curb cuts in parking lot design?	YES / NO
<i>If your answer is YES, 1 points →</i>	<input type="text"/>
Is there a design standard for parking lot curb cuts provided?	YES / NO
<i>If your answer is YES, 1 point →</i>	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
SUBTOTAL PAGE 4	<input style="border: 2px solid black;" type="text"/>

<i>Development Feature or Element</i>	<i>Local Criteria</i>
12. Road Construction, Maintenance and Repair	
Are there public works maintenance or repair regulations limiting use of alternative road surfaces and alternative design?	YES / NO
If your answer is NO , 1 point \Rightarrow	<input type="text"/>
Are there standard LID practices that are implemented during roadway construction, maintenance, or reconstruction (repair)?	YES / NO
If your answer is YES , 1 point \Rightarrow	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 1 2 3 4 5 Hard
SUBTOTAL PAGE 5	<input style="border: 2px solid black;" type="text"/>

Residential Streets, Parking Lots, and Other Transportation Infrastructure

The questions in the previous section focused on codes, ordinances, and standards that determine the size, shape, and construction of roadways, parking lots, and other transportation infrastructure in a community. There were a total of 31 points available. Tally your score:

Subtotals: Page 2 _____ + Page 3 _____ + Page 4 _____ + Page 5 _____ =

Ordinance(s) Reviewed: _____

Name & Title of Reviewer: _____

Date: _____

Lot Development (Sustainable Site Design)

Development Feature or Element	Local Criteria
I3. Setbacks and Frontages	YES / NO
Are irregular lot shapes (e.g., pie-shaped, flag lots) allowed in the community? <i>If your answer is YES, 1 point</i> →	<input type="text"/>
What is the minimum requirement for front setbacks for a one-half (1/2) acre residential lot? <i>If your answer is 20 feet or less, 1 point</i> →	_____ feet <input type="text"/>
What is the minimum requirement for rear setbacks for a one-half (1/2) acre residential lot? <i>If your answer is 25 feet or less, 1 point</i> →	_____ feet <input type="text"/>
What is the minimum requirement for side setbacks for a one-half (1/2) acre residential lot? <i>If your answer is 8 feet or less, 1 point</i> →	_____ feet <input type="text"/>
What is the minimum frontage distance for a one-half (1/2) acre residential lot? <i>If your answer is less than 80 feet, 1 point</i> →	_____ feet <input type="text"/>
Do regulations permit use of bioretention, rain gardens, filter strips, swales or wetlands in setback or buffer strip areas? <i>If your answer is YES, 1 point</i> →	YES / NO <input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
I4. Sidewalks	
What is the minimum sidewalk width allowed in the community? <i>If your answer is less than 4 feet, 1 point</i> →	_____ feet <input type="text"/>
Are sidewalks always required on both sides of residential streets? <i>If your answer is NO, 1 point</i> →	YES / NO <input type="text"/>
Are sidewalks generally sloped so they drain to the front yard rather than the street? <i>If your answer is YES, 1 point</i> →	YES / NO <input type="text"/>
Can alternate pedestrian networks be substituted for sidewalks (e.g., trails through common areas)? <i>If your answer is YES, 1 point</i> →	YES / NO <input type="text"/>
SUBTOTAL PAGE 6	<input style="border: 2px solid black;" type="text"/>

<i>Development Feature or Element</i>	<i>Local Criteria</i>
Do regulations permit use of permeable paving for sidewalks?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Can stormwater runoff be stored under sidewalks?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
15. Driveways	
What is the minimum driveway width specified in the community?	_____ feet
<i>If your answer is 9 feet or less (one lane) or 18 feet or less (2 lanes), 1 point</i> →	<input type="text"/>
Can pervious materials be used for single family home driveways (e.g., grass, gravel, porous pavers, etc.)?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Can a “two track” design be used at single family driveways?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Are shared driveways permitted in residential developments?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Can pervious materials be used for driveways at commercial, industrial, or institutional land uses (e.g., grass, gravel, porous pavers, etc.)?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
16. Curb Design	
Do regulations permit curbless roadside design?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Do regulations permit curb cuts in design along roadsides?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Is there a design standard for roadside curb cuts provided?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
17. Open Space Design	
Are open space or cluster development designs allowed in the community?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
<i>If your answer is NO, skip to Question 19.</i>	<input type="text"/>

SUBTOTAL PAGE 7

<i>Development Feature or Element</i>	<i>Local Criteria</i>
Is land conservation a major goal or objective of the open space design ordinance?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Is impervious cover reduction a major goal or objective of the open space design ordinance?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Is open space or cluster design a by-right form of development (i.e., does not require conditional use permit, variance, etc.)?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Are flexible site design criteria available for developers that utilize open space or cluster design options (e.g., setbacks, road widths, lot sizes)	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
18. Open Space Management	
<i>Skip to Question 19 if open space, cluster, or conservation developments are not allowed in the community.</i>	
Does the community have enforceable requirements to establish associations that can effectively manage open space, including maintenance of any LID features?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Are open space areas required to be consolidated into larger units?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Does a minimum percentage of open space have to be managed in natural condition?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Are allowable and unallowable uses for open space in residential developments defined?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Can open space be managed by a third party using land trusts or conservation easements?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Are there mechanisms in place to encourage open space protection?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Is open space encouraged in redevelopment projects and/or is a percent of open space required for a development permit?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
SUBTOTAL PAGE 8	
<input style="border: 2px solid black;" type="text"/>	

<i>Development Feature or Element</i>	<i>Local Criteria</i>
Do regulations permit bioretention areas, filter strips, swales, and constructed wetlands to count towards fulfillment of site landscaping/open space requirements? <i>If your answer is YES, 1 point</i> →	YES / NO <input type="text"/>
Do regulations establish limits on the extend of lawn area on residential lots, either area or percentage of lot (reducing the amount of lawn watering by residents)? <i>If your answer is YES, 1 point</i> →	YES / NO <input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
19. Rooftop Runoff	
Can rooftop runoff be discharged to yard areas? <i>If your answer is YES, 1 point</i> →	YES / NO <input type="text"/>
Do current grading or drainage requirements allow for temporary ponding of stormwater on front yards or rooftops? <i>If your answer is YES, 1 point</i> →	YES / NO <input type="text"/>
Do building codes allow temporary storage of stormwater on rooftops or on sides of buildings (e.g., planter boxes, siding material)? <i>If your answer is YES, 1 point</i> →	YES / NO <input type="text"/>
Do codes encourage sites to drain to existing natural drainage pattern? <i>If your answer is YES, 1 point</i> →	YES / NO <input type="text"/>
Do regulations permit disconnect of gutters/downspouts (not require connect to stormwater sewer system)? <i>If your answer is YES, 1 point</i> →	YES / NO <input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
SUBTOTAL PAGE 9	<input style="width: 100px; height: 20px;" type="text"/>

Lot Development (Sustainable Site Design)

The questions in the previous section focused on codes, ordinances, and standards related to open space design and management, and elements that relate to the design and appearance of neighborhoods, including driveways, sidewalks, lot shapes, setbacks/frontages, and rooftop characteristics. There were a total of 39 points available. Tally your score:

Subtotals: Page 6 _____ + Page 7 _____ + Page 8 _____ + Page 9 _____ =

Ordinance(s) Reviewed: _____

Name & Title of Reviewer: _____

Date: _____

Conservation of Natural Areas

Development Feature or Element	Local Criteria
20. Buffer Systems	
Is there a stream buffer ordinance in the community?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
If so, what is the minimum buffer width?	_____ feet
If your answer is 75 feet or more , 1 point →	<input type="text"/>
Is the expansion of the buffer width to include wetlands, steep slopes or the 100-year floodplain required?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Are there requirements for property owners to protect natural resources including: soils, slopes, wetlands, recharge areas, buffers and/or waterways?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Is the use of low impact stormwater structures (bioretention, infiltration trenches, or grass swales) permitted in buffer zone of wetland areas?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
21. Buffer Maintenance and Management	
If there are no stream buffer requirements in the community, skip to Question 22.	
Does the stream buffer ordinance specify that at least part of the stream buffer be maintained with native vegetation and/or provide guidance regarding the use of natives, other species-specific requirements or restrict riparian buffer plantings to ensure promotion of LID features?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Does the stream buffer ordinance outline allowable uses?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Does the stream buffer ordinance specify enforcement mechanisms?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Does the stream buffer ordinance specify education mechanisms (e.g., provide training opportunities for staff or the public in management practices and/or LID workshops)?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
SUBTOTAL PAGE 10	<input style="border: 2px solid black;" type="text"/>

<i>Development Feature or Element</i>	<i>Local Criteria</i>
22. Clearing and Grading	
Is there any ordinance that requires or encourages the preservation of natural vegetation at residential development sites (e.g., permits retention of some trees or woody vegetation as part of site preparation)?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Do reserve septic field areas need to be cleared of trees at the time of development?	YES / NO
If your answer is NO , 1 point →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
23. Tree Conservation	
If forests or specimen trees are present at residential development sites, does some of the stand have to be preserved?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Are the limits of disturbance shown on construction plans adequate for preventing clearing of natural vegetative cover during construction?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
24. Land Conservation Incentives	
Are there any incentives to developers or landowners to conserve non-regulated land (open space design, density bonuses, stormwater credits or lower property tax rates)?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Is there flexibility to meet regulatory or conservation restrictions (density compensation, buffer averaging, transferable development rights, off-site mitigation) offered to developers?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
SUBTOTAL PAGE 11	<input style="border: 2px solid black;" type="text"/>

Conservation of Natural Areas

The previous section focused on codes, ordinances, and standards that promote protection of existing natural areas and incorporation of open spaces into new development. There were a total of 15 points available. Tally your score:

Subtotals: Page 10 _____ + Page 11 _____ =

Ordinance(s) Reviewed: _____

Name & Title of Reviewer: _____

Date: _____

Comprehensive Planning, Zoning and Other Regulatory Considerations

Development Feature or Element	Local Criteria
<p>25. Explicit Restriction or Promotion of LID Practices Do any codes or regulations explicitly restrict core LID principles and practices (infiltration, exfiltration, vegetation controls, open drainage, temporary surface storage)?</p> <p><i>If your answer is NO, 1 point</i> →</p>	YES / NO <input style="width: 100px; height: 20px;" type="text"/>
<p>Are there official model designs, standards or guidance documents that encourage development and site design that incorporates LID (e.g., LID techniques in the Stormwater Manual)?</p> <p><i>If your answer is YES, 1 point</i> →</p>	YES / NO <input style="width: 100px; height: 20px;" type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
<p>26. CSO LTCP and Stormwater Management Plan Are the CSO LTCP and Stormwater Management Plan integrated?</p> <p><i>If your answer is YES, 1 point</i> →</p>	YES / NO <input style="width: 100px; height: 20px;" type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
<p>27. Plumbing Codes Do the plumbing codes permit water conservation (allow use of harvested rainwater for interior non-potable uses such as toilet flushing)?</p> <p><i>If your answer is YES, 1 point</i> →</p>	YES / NO <input style="width: 100px; height: 20px;" type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
<p>28. Zoning Are there environmental districts or zoning layers (overlays) to protect environmentally sensitive land/natural resources?</p> <p><i>If your answer is YES, 1 point</i> →</p>	YES / NO <input style="width: 100px; height: 20px;" type="text"/>
<p>Does zoning allow uses incompatible with special watershed districts or other environmentally sensitive land?</p> <p><i>If your answer is NO, 1 point</i> →</p>	YES / NO <input style="width: 100px; height: 20px;" type="text"/>
<p>Is an environmental site assessment (to identify high water table, soil conditions, other features that might restrict infiltration or other LID practices) required to be submitted as part of site plan review process?</p> <p><i>If your answer is YES, 1 point</i> →</p>	YES / NO <input style="width: 100px; height: 20px;" type="text"/>
<p>Does a floodplain management ordinance that restricts or prohibits development within the 100-year floodplain exist?</p> <p><i>If your answer is YES, 1 point</i> →</p>	YES / NO <input style="width: 100px; height: 20px;" type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
SUBTOTAL PAGE 12	<input style="width: 100px; height: 20px; border: 2px solid black;" type="text"/>

<i>Development Feature or Element</i>	<i>Local Criteria</i>
29. Planning	YES / NO
Does the master planning process consider drainage, CSO, and source water protections?	
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Does site plan review include stormwater management and incorporation of LID early in the process?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Does transportation planning consider water quality drainage, development patterns, and pollution prevention?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Is there planning guidance for sites of environmental concern (infill, brownfields, gas stations, etc.) to address stormwater/drainage?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
30. Standing Water	YES / NO
Do any codes or regulations prohibit intentional ponding of water on yards and landscape areas?	
<i>If your answer is NO, 1 point</i> →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
31. Open Drainage	YES / NO
Do any building, development, or public health and safety codes or regulations prohibit or otherwise limit the use of open drainage channels, swales, ditches, or other conveyances for stormwater?	
<i>If your answer is NO, 1 point</i> →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
32. Noxious Weeds and Weed Control	YES / NO
Are there weed control regulations that limit or impede the use of vegetated channels, bioretention areas, swales, tree planter boxes, or other LID practices that incorporate vegetation on public or private property?	
<i>If your answer is NO, 1 point</i> →	<input type="text"/>
Are there weed control regulations that limit or impede the use of certain LID practices on private property?	YES / NO
<i>If your answer is NO, 1 point</i> →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
SUBTOTAL PAGE 13	<input style="border: 2px solid black;" type="text"/>

<i>Development Feature or Element</i>	<i>Local Criteria</i>
33. Pest Control (mosquitoes, vermin) Are there pest control regulations that limit or impede the use of vegetated channels, bioretention areas, tree planter boxes, or other LID practices that incorporate vegetation on public and private property and ROW?	YES / NO
If your answer is NO , 1 point →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
34. Agency Coordination Is there a framework for fostering multi-agency cooperation, coordination, and planning?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Is LID incorporated into other activities related to water quality (TMDLs, SDWA, wetlands, CWA 404, dredging, construction and demolition (C&D) regulations, NPDES regulations)?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Do you coordinate planning efforts with neighboring communities?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
SUBTOTAL PAGE 14	<input style="border: 2px solid black;" type="text"/>

Comprehensive Planning, Zoning and Other Regulatory Considerations

The questions in the previous section focused on comprehensive planning, zoning and other regulatory considerations that can affect stormwater management in your community. There were a total of 20 points available. Tally your score:

Subtotals: Page 12 _____ + Page 13 _____ + Page 14 _____ =

Ordinance(s) Reviewed: _____

Name & Title of Reviewer: _____

Date: _____

Stormwater Planning and Practices

Development Feature or Element	Local Criteria
35. Stormwater Planning – Alternative Paving Practices	
Does your design code allow for alternative paving materials without underdrains (given proper site conditions)?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Does your design code allow for alternative paving materials to function as a detention?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Does your design code allow for alternative paving materials to function as a water quality stormwater device?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Does your design code allow for alternative paving material/surfaces to be eliminated from the water quality volume sizing equation?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Are there official model designs, standards or guidance documents that encourage development and site design that incorporates LID (e.g., LID techniques in the Stormwater Manual)?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
36. Vegetated Open Channels	
Are there established design criteria for swales that can provide stormwater quality treatment and conveyance capacity (i.e., dry swales, biofilters, swales)	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
37. Tree/Vegetation Planter Boxes (Streetscapes, Medians)	
Do regulations permit use of tree or vegetation planter boxes in certain streets?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Are there municipal regulations requiring tree planter boxes be raised above grade?	YES / NO
If your answer is NO , 1 point →	<input type="text"/>
Are there requirements that limit the maximum width of medians and their use for treating runoff?	YES / NO
If your answer is NO , 1 point →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
SUBTOTAL PAGE 15	<input style="border: 2px solid black;" type="text"/>

<i>Development Feature or Element</i>	<i>Local Criteria</i>
38. Yards and Landscape Infiltration Practices/Drainage	
Do any codes or regulations prohibit infiltration of water on yards and landscape areas?	YES / NO
If your answer is NO , 1 point →	<input type="text"/>
Do any codes or regulations require the use of underdrains on yards and landscape areas?	YES / NO
If your answer is NO , 1 point →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
39. Stormwater Maintenance Funding	
Is there funding for the Department of Public Works to perform maintenance of stormwater facilities?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
40. Green Roof/Roof Garden Practices	
Do codes or regulations permit the use of green roofs/roof gardens (including weight bearing requirements that permit their use)?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Are there guidelines for types and use of acceptable green roof/ roof garden materials, design, and long term maintenance and operation?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Are water quality and quantity design criteria established for the use of green roof/roof garden practices?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Are there incentives currently in place for the use of green roofs/roof gardens?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
41. Rainwater Harvesting Practices	
Do codes or regulations permit the use rainwater harvesting practices (e.g., grey water reuse, irrigation, etc.)?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Are there guidelines for types and use of acceptable rainwater harvesting materials, design, and long-term maintenance and operations?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
Are water quality and quantity design criteria established for rainwater harvesting practices?	YES / NO
If your answer is YES , 1 point →	<input type="text"/>
	<input style="border: 2px solid black;" type="text"/>
SUBTOTAL PAGE 16	

<i>Development Feature or Element</i>	<i>Local Criteria</i>
Are there incentives currently in place for the use of rainwater harvesting?	
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
42. Erosion and Sediment Control Stormwater Protection	
Does the Erosion and Sediment Control (ESC) or other ordinances, encourage phasing and scheduling of site clearing activities?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Does the ESC (or other ordinances) limit the size or extent of material storage areas/stockpiles exposed to precipitation and runoff?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Are contractors required to re-establish permeability of soils compacted by construction vehicles (e.g., rototill lawn areas prior to seeding)?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Are there technical specifications for handling stormwater from areas of environmental concern (infill, brownfields, gas stations, etc.)?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
43. Stormwater Outfalls	
Is stormwater required to be treated for quality before it is discharged?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
<i>Is the stormwater requirement based on volume or rate control?</i>	<i>Volume / Rate</i>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
44. Stormwater Guidelines	
Do the stormwater guidelines have geotechnical, infiltration, and hotspot location documentation established?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
45. Floodplain Management	
Does a floodplain management ordinance that restricts or prohibits development within the 100-year floodplain exist?	YES / NO
<i>If your answer is YES, 1 point</i> →	<input type="text"/>
Indicate administrative difficulty to change the above requirements/practices	Easy 2 3 4 5 Hard
SUBTOTAL PAGE 17	<input style="border: 2px solid black;" type="text"/>

Stormwater Planning and Practices

The questions in the previous section focused on codes, ordinances, and standards relevant to stormwater planning and practices, including erosion and sediment controls and post-construction measures. There were a total of 27 points available. Tally your score:

Subtotals: Page 15 _____ + Page 16 _____ + Page 17 _____ =

Ordinance(s) Reviewed: _____

Name & Title of Reviewer: _____

Date: _____

Overall Assessment

Residential Streets, Parking Lots and Other Transportation Infrastructure _____ points

Lot Development (Sustainable Site Design) _____ points

Conservation of Natural Areas _____ points

Comprehensive Planning, Zoning and Other Regulatory Considerations _____ points

Stormwater Planning and Practices _____ points

Total Assessment Points _____ *points*

Scoring:

132 points possible: $[(\text{your score}/132)* 100] = \text{your score}$

90 – 100	Excellent! Your community has regulations in place to protect streams, lakes and other aquatic resources in your watershed. Keep up the Great Work!
80 – 89	Good! Your development rules are pretty good, but could use some “tweaking” in some areas. Review your results to see where to prioritize change.
79 – 70	Fair – but there are significant opportunities to improve your communities’ development rules. Review your results to see where to prioritize. Determine what other entities/individuals to involve in a development regulations planning roundtable.
60 – 69	Not so good – your development rules are inadequate to protect your local aquatic resources. A comprehensive development regulations planning effort should be undertaken.
Less than 60	Poor - your development rules are not environmentally friendly and definitely need serious attention and/or an overhaul.