

Watershed Development Permit

Major Development Submittal Checklist

PERMIT NO.: _____ REVIEWER: _____ DATE: _____
 PRELIMINARY: _____ APPROVED: _____ AS-BUILT: _____
 NAME: _____ LOCATION: _____
 TYPE: _____ RESIDENTIAL _____ COMMERCIAL _____ INDUSTRIAL _____ RECREATION _____ MUNICIPAL
 _____ OTHER
 TOTAL LAND AREA OF OWNERSHIP: _____ ACRES
 APPLICANT: _____ CONTACT: _____ PHONE #: _____
 ENGINEER: _____ CONTACT: _____ PHONE #: _____

Y	N	N/A	Item Description	Proposed Site	WDO Ordinance Requirement	Comments/ TRM Reference
			Application			
			Application Fee			
			Project Disk/CD			
			Project Narrative			
			Hydrologic/Hydraulic Analysis			
			Development Schedule			
			Plat and Site Plans			Section 3.1.
			Site Location Map			
			Deed and Plat Restriction Plan			
			Area Drainage Plan			
			Detailed Site Drainage Plan			
			Cross Section Views			
			Grading Plan			
			USGS Benchmark			
			Professional Engineer Stamp			
			Construction Sequencing Plan			
			Certified Hydric Soil Mapping			
			Subsurface Drainage Inventory			
			Runoff Calculations			Section 3.2
			Rational Method	_____ acres	< 100 acres	
			Hydrograph Method			
			Existing Non-Riverine storage	_____ ac-ft	< 0.75 ac-ft	
			Release Rates and Discharge			Section 3.3
			2-year Release Rate	_____ cfs	_____ cfs	
			100-year Release Rate	_____ cfs	_____ cfs	
			Existing Downstream Capacity	_____ cfs		
			Peak Flow Through Spillway	_____ cfs		
			Runoff Volume Reduction Hierarchy			Section 3.4
			Detention Facility			Section 3.5
			Stage-Storage-Discharge			
			Tabulation			
			2-year Detention Volume	_____ ac-ft	_____ ac-ft	
			100-year Detention Volume	_____ ac-ft	_____ ac-ft	
			Normal Water Level (NWL)	_____ feet		
			High Water Level (HWL) 2-year	_____ feet		
			HWL 100-year	_____ feet		
			Emergency Overflow Structure	_____ feet		
			Top of Berm	_____ feet		
			On-Stream Detention			
			Off-site to On-site Tributary Ratio		<10 : 1	
			Detention Volume Safety Factor			

	Allowable 2-yr Release Rate		cfs		cfs	
	Allowable 100-yr Release Rate		cfs		cfs	
	Wet detention – perm. Pool Vol.		ac-ft		ac-ft	
	Live Storage Volume		ac-ft		ac-ft	
	Off-line Sediment Basin Volume		ac-ft		ac-ft	
	Fee-in-lieu of On-site Stormwater Storage					Section 3.6
	Stormwater Conveyance Systems					Section 3.7
	Storm sewers and Swales					Section 3.7.A.
	10-year design storm					
	HGL calculations					
	Field tile present					
	Streams and Channels		acres	<100 ac		Section 3.7.B.
	Design for Base Flood					
	Mitigation Plan					
	Overland Flow Paths					Section 3.7.C.
	Design for Base Flood					
	Tributary area < 20-ac					LAG < 0.5'
	20-ac<Tributary area<100-ac					LAG < 1.0'
	Water Quality Treatment					Section 3.8
	First Runoff					
	Buffer Areas					Section 3.9
	Linear Buffers					
	20-ac<watershed<640-ac		feet	50	feet	Each side
	640-ac<watershed		feet	30	feet	Each side
	IBI>40		feet	100	feet	Each side
	Water Body or Wetland Buffers					
	1/3-ac<Total Surf. Area<1.0-ac		feet	30	feet	
	1.0-ac<Total Surf. Area<2.5-ac		feet	40	feet	
	2.5-ac<Total Surf. Area		feet	50	feet	
	Non-linear Ex. Func. Value Wetland		feet	100	feet	
	Buffer Averaging		feet		feet	
	Soil Erosion and Sediment Control					
	Refer to SE/SC Checklist					
	Maintenance Plan					
	Other Permit Approvals					
	Proposed Dam-Safety Permit					
	Threatened or Endangered Species Consultation					
	Lake County Health Department					
	United States Army Corps of Engineers					
	IDNR-Division of Water Resources					
	Illinois Department of Transportation, District I					
	Illinois Environmental Protection Agency					
	Lake County Soil & Water Conservation District					
	Lake County Department of Transportation					
	Illinois Historical Preservation Agency					
	United States Fish & Wildlife Service					