





City	Population	2016 Stormwater Management Survey Responses		Does your community manage infrastructure for stormwater runoff?		If yes, has your community adopted any of the following ordinances related to stormwater management?? (check all that apply)				Does your Stormwater Runoff Management Ordinance reference the following design standard and specification guidelines?? (check either that apply).			If applicable, which 24 hour storm event(s) must be managed by new development - after construction is complete, as recommended by the Unified Sizing Criteria Included in the ISWMM? (check all that apply)		Does your stormwater runoff ordinance require the water quality volume (1.25" rain) be managed on-site using infiltration best management practices included in the ISWMM?		
		Yes	No	Construction Site Erosion and Sediment Control	Stormwater Runoff Management (Post-Construction)	Illegal Dumping into Storm Sewer System (aka Illicit Discharge)	Other	Iowa Stormwater Management Manual (ISWMM)	Statewide Urban Design and Specifications (SUDAS)	Other	N/A	Water Quality Volume - 90th percentile storm event	Other	N/A	Yes	No	
Altoona	16,653	1		1	1	1											1
Ames	61,792	1		1	1	1	Conservation Subdivision Ordinance	1	1	SUDAS is adopted through a different ordinance		1					
Ankeny	51,567	1		1	1	1				N/A							
Asbury	5,025	1		1	1	1		1									1
Bettendorf	34,707	1		1	1	1		1	1								1
Bondurant	4,614	1		1	1	1	Stormwater Utility						water quality and water quantity components be considered when practical				1
Carter Lake	3,748	1		1	1	1				Carter Lake Stormwater Drainage Design Standards		2" rainfall detained for 24 hours					1
Cedar Falls	40,566	1		1	1	1		1	1								1
Cedar Rapids	128,429	1		1	1	1				Metro Area Design Standards		1" / 24 hours					1
Clive	16,590	1		1	1	1	Topsoil preservation policy (by resolution)	1	1	local design standards manual							1
Coralville	20,092	1		1	1	1		1	1								1
Council Bluffs	61,969	1		1	1	1		1	1								1
Davenport	102,157	1		1	1	1	Clean Water Utility Fee	1		Iowa Rain Garden Manual							1
Des Moines	207,510	1		1	1	1		1	1	Former ordinances							1
DeWitt	5,284	1		1	1	1				Chapter 100 of our code of ord							1
Dubuque	58,253	1		1	1	1				References Low Impact Development Toolkit			2 LID / infiltration practices must be included for every development; they do not include a quantity standard to				1
Dubuque County	95,697	1		1	1	1	PC Includes avoiding Sensitive Areas	1									1
Durant	1,832	1	1	1	1	1			1								1
Eldridge	6,094	1		1	1	1				Eldridge Design Standards, Public Works							1
Farmhamville	358		1							N/A							1
Fort Dodge	24,639	1		1	1	1				N/A			Ordinance says the developer "should provide stormwater runoff Set our own guidelines				1
Garner	3,096	1		1	1	1											1
Grimes	9,335	1		1	1	1			1								1
Hawatha	7,145	1		1	1	1				n/a							1
Iowa City	71,591	1		1	1	1	Sensitive Areas Ordinance; Stormwater Utility			City of Iowa City Municipal Design Standards							1
Johnson County	139,155	1		1	1	1			1								1
Johnston	19,798	1		1	1	1			1								1
Lake Mills	2,054		1				no ordinance adopted										1
LeClaire	3,915	1		1	1	1											1
Marion	36,147	1		1	1	1	Stormwater Utility		1	Metro Area Design Standards							1
Muscatine	23,094	1		1	1	1				N/A							1
North Liberty	18,299	1		1	1	1			1								1
Norwalk	9,639	1		1	1	1	post-construction ordinance mirrors Urbansdale ordinance			none			Allows for infiltration based practices.				1
Olin	693	1		1	1	1	Only establishing the district			unsure			unsure				1
Pleasant Hill	9,082	1		1	1	1	Storm Water Utility	1	1								1
Rock Valley	3,577	1		1	1	1											1
Sargeant Bluff	4,326	1		1	1	1	No post-construction ordinance										1
Sloux Center	7,308	1		1	1	1			1				10 year event				1
Sloux City	82,459	1		1	1	1			1								1
Solon	2,218	1		1	1	1			1								1
Storm Lake	10,790	1		1	1	1	Stream Buffer Protection	1		References Better Site Design Concepts			NO onsite peak discharge increase for 1 yr, 24 hour and 5 year, 24 hour storm; recharge volume must be				1
Urbansdale	41,776	1		1	1	1			1								1
Waterloo	68,366	1		1	1	1			1	References ISWMM or other engineering standard as General Permit No. 2							1
Waukee	17,077	1		1	1	1											1
West Branch	2,326	1		1	1	1			1								1
West Des Moines	61,255	1		1	1	1											1
Windsor Heights	4,891	1		1	1	1	Post-construction ordinance mirrors Storm Lake ordinance	1									1
Winthrop	848	1		1	1	1				none							1

	Do you require detention or retention on all new development?			What is your detention / retention release rate policy, i.e. the runoff generated from a post-100 year storm must be released at no greater velocity than what the runoff generated from a pre-developed 5 year storm was released at. In cubic feet per foot.			Does your stormwater policy apply to redevelopment projects as well??				
	Other	N/A	Yes	No	Pre-Developed 100 year event released at Pre-Developed 5 year event	Post-Developed 100 year event released at Pre-Developed 2 Year event	Other	N/A	Yes	No	Other
			1		1						1
	Slow release rate per ISWMM with various controls; Yes, however, some		1				Pre-developed meadow good condition curve number 58; release at Meadow in good condition curve		1		
			1		1				1		
			1				N/A		1		
			1			1			1		
			1				N/A				1
	2" rainfall detained for 24 hours; sub-surface drains shall be designed to		1				Limit post-construction discharge rate to pre-construction discharge rate of $\leq .10$ and 100 year storm average				1
			1			1			1		
			1								1
			1						1		
			1						1		
		1, 10K sf new Impervious surface			1		Portions of the City are controlled by outlet gateway pumping rates		1		
			1				Using a coefficient of .15 "C" Rational method under 20 acres; 60 TR55; may require a lesser release rate when		1		10,000 sf new impervious surface
			1						1		
			1								2 acres and larger
	LID / infiltration practices must be included for every development; they do not include a quantity standard to				1		No standard post / pre guidelines for stormwater runoff Included in current guidelines				1
			1				post-developed peak runoff rate cannot exceed pre-developed peak runoff rate for same storm				1
			1						1		
			1								1
			1				N/A	1			
					1						1
					1				1		for sites greater than 3 acres
					1		CN: Meadow				
					1						1
					1		25 year event to 5 year event; .15 cfs per acre - total catchment				Not site plans
					1				1		
					1						Yes, but flexible
					1		N/A	1			
					1				1		
					1						
					1						1
					1		None stated				1
					1		N/A				1
					1						1
					1						1
					1						1
					1						1
					1						1
					1		Post-Developed 100 yr event at Pre-developed 10 yr event				Case by case, not much redevelopment happening
					1		must be released at pre-developed 10 year event				1
					1				1		
					1						5,000 sf of impervious surface area
					1						1
					1				1		
					1				1		
					1				1		
					1				1		
	on-site management for groundwater recharge volume				1		No standard post / pre guidelines for stormwater runoff Included in current guidelines		1		1
					1		Limit post-construction discharge rate to pre-construction discharge rate of $\leq .10$ and 100 year storm average		1		all new Impervious surface over 5,000 sf; If development is under one acre
					1		Unknown				1