#54 4/9/2005

preferred growth areas.	permitted in contributing than recharge zone).	enables higher local and lower overall impervious cover, reduces sprawl.	Preferred Development Areas
More study required to assess pros/cons of uniform IC requirements and/or use of BMPs for higher IC.	tershed (15% in contributing;	n 5 to areas	Variations in IC Limits by Region
More study required to assess pros/cons of a TDR/mitigation approach.		of I	Use of Transfers of Development Rights (TDRs)
Adjust impervious cover limits if necessary to match Plan, where Plan provides more protection.	Limits calculated on net site area, which excludes: water quality buffers, wastewater irrigation areas, and slopes (part or all) in excess of 15, 25 and 35%.	Limits calculated for gross site area; incorporates entire site.	Gross Site Area vs. Net Site Area IC Calculation
			Impervious Cover
buffers.	with more allowed in transition than in critical zone.	the same throughout the entire buffer.	Transitional)
improvements associated with one vs. two	transition zones; limits are zone based,	similar to SOS; however, the limits are	(Critical &
reet requirement.		1	Plood Plain
Adopt the Plan's 100-yr flood plain plus 25	ot incorporate the		Buffers & 100-Year
drainage areas to be same as others.	protection beginning at 128 acres, higher than others.	Watersheds	Watersheds
acres).2			Duffer Consistency for
Adopt 32 acre drainage minimum (USFWS & TCEQ enhanced measures use five (5)	Protects stream buffer areas for drainage areas as small as 64 acres.	Protects buffer areas for drainages as small as 32 acres.	Minimum Drainage Area for Buffer
			Water Quality Buffers
Potential Adjustment to SOS/ City of Austin Requirements	City of Austin (LDC, ECM)¹	Barton Springs Zone (BSZ) Regional Plan	
			t

^{*}LDC = Land Development Code; ECM = Environmental Criteria Manual.

² Consistent with Watersheds Master Plan recommendation: provide "headwaters protection" through buffers for smaller drainage areas.

Stormwater Management	ent		
Stormwater	Requires stormwater treatment for	LDC requires treatment of all developed	 a) Improve definition of "development" to
Treatment for Golf	managed landscapes, including golf	areas, but "development" not clearly	explicitly include golf courses and other
Courses	_	defined to include golf courses.	managed landscapes.
		For all other non-Urban (non-SOS)	b) Require stormwater treatment of golf
		watersheds, LDC requires treatment of golf	golf course and other managed landscape
		courses.	areas.3
Stormwater	Requires stormwater treatment for	ECM requires wastewater irrigation areas	Clarify that wastewater irrigation areas
Treatment for	areas receiving wastewater effluent	to meet SOS pollution reduction	must receive stormwater treatment.
Wastewater Disposal	spray irrigation.	requirements, but is not clear whether	
Areas		pertains to stormwater runoff or	
		wastewater effluent.	
Baseline Impervious	For Water Quality Control design, Plan SOS assumes higher "background"	SOS assumes higher "background"	More study required on baseline IC
Cover (IC)	assumes 1% "background" (pre-	impervious cover than Plan, results in	assumptions.
Assumptions	developed) impervious cover, lower	lower pollutant load removal requirement.	
	than SOS (5%).		

³ Areas subject to fertilizer, herbicide, & pesticide application, including lawns, landscaping, gardens, or golf courses.

City of Austin and Regional Plan Stream Buffer Comparison (feet)¹

600	300	More than 640						
400	200	300 to 640	1,000-1,400	600	300	400-800	200-400	More than 640
300	150	120 to 300	600-800	400	200	200-400	100-200	320 to 640
200	100	32 to 120	300-400	200	100	100-200	50-100	64 to 320
Total Width	Width			Total Width	Width	Total Width	Width	
er)		(acres)	Width ³ (ft.)	(feet)	(fe	(feet)	(fi	(acres) ²
Width	Butter Width	Area	Buffer	Transition Zone Buffer	Transition	Quality Zone Buffer	Quality Z	Area
17. 17.	3	Drainage	Total Max.	Water Quality	Water	Critical Water	Critica	Drainage
Plans	Waler Qualik one Reguiren	द्वाचारा पुरत्यक्षेत्रक		iligyZone.	age Tan Ugar Hegalan Spi	्रार्ट्सार्वे एक्ट्रिक्स व्यवस्था है। इन्हर्स क्षेत्रकार कार्योज्ञ कार्या है।	i Bujorakan	
		`						

Measured from stream centerline.

² Williamson/Slaughter minimum drainage area begins at 128 acres.

³ Barton Creek main stem minimum of 400 feet plus water quality transition zone buffers of 100, 200, or 300 feet.

Impervious Cover Plan Comparisons

C	ontri Zo	butir ne	ng	rkędinugą, Zono		Zone	
Bear, Williamson, Slaughter	Onion Rear I ittle		Barton, Little Barton	NIIS reality	Location		Save Our
25			20	315	IC Net Site Area (NSA)		Save Our Springs Ordinance
17			33	300	IC Gross Site Area (GSA)*		inance
Inside Preferred Growth Area			Outside Preferred Growth Area		Location		
Commercial and Multifamily	Single Family Residential		referred Area	one	ion		BSZ Regional Plan (Gross Site Area)
7.5	_		7.5		Simplified	Le	ปลก (Gross S
25	i	 	15		Standard Methods	Level of Treatment	site Area)
45 or No Limit**	Ç	30	25		Standard Methods & TDRs	ent	

Notes

^{*} Approximated; varies by site due to setbacks and slopes.

^{** &}quot;No Limit" requires provision of rainwater harvesting on site.

City of Austin and Regional Plan Stormwater Quality Control Requirement Comparison

	ទាក់ការប្រក្សារិវិទ្ធិក្រុម្ភាធិក្សារួមក្រុមក្រុម ក្រុមក្រុមក្រុមក្រុមក្រុមក្រុមក្រុមក្រុម	BSZ Responsiblism		
Water Quality Standard	Non-degradation	Non-degradation		
Capture Volume	2-year, 3-hour storm	2-year, 3-hour storm		
Channel Erosion Protection	Released over 48 hours	Released over 24 hours		
Treatment Areas	All developed areas, including lawns, landscaping, gardens, golf courses, and other maintained areas.	All developed areas, including areas receiving wastewater effluent spray irrigation, and lawns, landscaping, golf courses or playfields receiving pesticides herbicides or fertilizers.		