

The Windham Mountain Sporting Club
Impervious Area / RRv Summary
 April 8, 2014

Design Point	Subcatchment	Residential Lots w/ RRv Practice	Description	Imp. Area to RRv Practice	Imp. Area to SMP	Total Imp. Area	% Imp. Area to RRv Practice
1a	1.2						
	1.2L	132,133, 134		10,750	0		
	1.6				1,395		
	1.6L	114, 115, 116, 117		16,250			
	1.7				36,835		
	1.8						
	1.17					0	
Totals				27,000	38,230	65,230	41%
1	1.1				0		
	1.1L	126, 127, 135		11,250			
	1.3				0		
	1.3L	D17-18		6,500			
	1.4				0		
	1.4L	121, 122		6,500			
	1.5				0		
	1.5L	106, 107, 108, 109, 110, 111		20,500			
	1.9				29,215		
	1.9L	91, D19-20, D21-22, D23-24		23,000			
	1.10		Bioretention P1.2	8,640			
	1.11				12,060		
	1.12				21,215		
	1.13				0		
	1.14		Bioretention P1.4	0			
1.15		Bioretention P1.4	23,830				
1.16		Bioretention P1.4	15,985				
Totals				116,205	62,490	178,695	65%
2	2.1				0		
	2.1L	84		5,000			
	2.2				63,870		
	2.3				0		
	2.3L	100, 101, 102		9,500			
	2.4				15,150		
	2.5				8,000		
	2.6						
	2.6L	79, 80, 81, 82, 83		16,250			
	2.7						
	2.7L	86, 87, 88, 89, 90		16,750			
	2.8						
	2.8L	85		4,000			
	2.9						
2.9L	92, 93, 94, 95, 96, 97, 98, 99		25,250				
2.10							
2.10L	103, 104, 105, D13-14, D15-16		24,250				
2.11							
Totals				101,000	87,020	188,020	54%
4	4.1				0		
	4.1L	72, 73, 74, 75, 76, 77, 78		23,750			
	4.2				32,235		
	4.3				24,400		
	4.3L	52 - 68 (17 homes)		55,500			
	4.4				7,500		
	4.4L	69, 70, 71		10,500			
	4.5				0		
	4.6						
4.7							
4.8							
Totals				89,750	64,135	153,885	58%
5	5.1						
	5.2						
	5.2L	26, 27, 28, 29		14,250			
	5.3						
Totals				14,250	0	14,250	100%
6	6.1	D1, D2		6,500			
	6.2	D3, D4		6,500			
	6.3	D5, D6		6,500			
	Totals			19,500	0	19,500	100%

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8	8.1						
	8.1L	16		3,500			
	8.2				9,600		
	8.3		Dry Swale P8.3	8,440			
	8.4				7,416		
	8.4L	30, 32, 33		12,250			
	8.5						
	8.5L	24, 25, 34		12,750			
	8.6		Dry Swale P8.1	33,768			
	8.7				56,624		
	8.8				0		
	8.8L	41, 42, 43		9,500			
	8.9				22,800		
	8.10				17,810		
	8.10L	44, 45, 46, 47, 48, 49, 50, 51		26,250			
	8.11				0		
	8.11L	15		3,500			
8.12					17,800		
8.13					17,600		
8.15					32,140		
8.15L	31		3,250				
8.16					6,200		
8.17			Infiltration P8.5	40,180			
	Totals			153,388	187,990	341,378	45%
9	9.1						
	9.1L	1, 13, 14		10,000			
	9.5				6,300		
	9.5L	2		4,000			
	9.6				17,820		
	9.6L	3, 4, 5, 6, 10, 11, 12		22,750			
	9.9				0		
	9.10						
	9.10L	7, 8, 22, 23		13,750			
	9.11				0		
	9.11L	17, 18, 19, 20, 21		16,500			
	9.12					24,900	
	9.13					49,485	
	9.14						
	Totals			67,000	98,505	165,505	40%

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11	11.2							
	11.3							
	11.3L	38, 39, 141, 142, 143		17,250				
	11.4		Bioretention P11.2	39,350				
	11.5							
	11.6							
	11.7							
	11.8					0		
	11.9							
	11.10			Bioretention P11.14	17,150			
	11.11			Bioretention P11.12	35,866			
	11.12			Bioretention P11.2	0			
	11.13					10,160		
	11.14							
	11.14L	40			3,250			
	11.15							
	11.16			Bioretention P11.7	16,750			
	11.17			Bioretention P11.8	12,430			
	11.18							
	11.18L	140			4,500			
	11.19							
	11.20							
	11.21							
	11.23			Dry Swale P11.10	6,960			
	11.24			Bioretention P11.9	5,620			
	11.25							
	11.25L	35, 36			6,500			
	11.26					26,015		
	11.27			Bioretention P11.4	46,996			
	11.28			Dry Swale P11.6	6,000			
	11.29			Bioretention P11.11	0			
	11.32							
	11.33							
11.33L	37			3,250				
11.34								
11.35								
11.36								
11.38								
11.39								
11.40					43,800			
11.41					0			
Totals				221,872	79,975	301,847	74%	
12	12.1							
	12.2				35,335			
	12.2L	128, 129, 130, 131		16,000				
	12.3				18,250			
	Totals				16,000	53,585	69,585	23%

Notes:

1. Lot 9 does not have an RRv practice on the lot. Stormwater is managed in the larger site system.
2. Lots 112, 113, 119, 120, 123-125 do not drain to a design point.