



### Pre-Approved Proprietary BMPs

See the City of Fort Wayne's website for the current list:

[www.cityoffortwayne.org](http://www.cityoffortwayne.org)

*PLEASE NOTE: All SQUs shall be configured as offline units unless approved for online use and the 10-year flow (per the CU Design Manual) is less than the approved treatment flow rate.*

Manufactured SQU	SQU System Model	Max Treatment Flow (cfs)
Stormceptor <sup>®2</sup>	STC 450	0.37
	STC 900	0.83
	STC 1200	0.83
	STC 1800	0.83
	STC 2400	1.38
	STC 3600	1.38
	STC 4800	2.30
	STC 6000	2.30
	STC 7200	3.22
	STC 11000	4.59
	STC 13000	4.59
Downstream Defender <sup>®</sup>	4 Foot Diameter	1.30
	6 Foot Diameter	3.58
	8 Foot Diameter	7.35
	10 Foot Diameter	12.85
VortSentry <sup>®</sup>	VS30	0.28
	VS40	0.58
	VS50	1.01
	VS60	1.60
	VS70	2.35
	VS80	3.28



Manufactured SQU	SQU System Model	Max Treatment Flow (cfs)
<b>Aqua-Swirl<sup>®1,2</sup></b>	AS-2	0.26
	AS-3	0.50
	AS-4	0.98
	AS-5	1.47
	AS-6	2.32
	AS-7	3.40
	AS-8	4.75
	AS-9	6.38
	AS-10	8.30
	AS-11	10.54
	AS-12	13.10
	AS-13	16.00
	<b>CDS Technologies (Offline)</b>	CDS4
CDS5		1.10
CDS6		3.85
CDS7		4.49
CDS8		6.60
CDS10		16.02
<b>ADS / Hancor Stormwater Quality Units</b>	3620WQB	0.70
	3640WQB	1.60
	4220WQB	0.86
	4240WQB	1.83
	4820WQB	1.13
	4840WQB	2.39
	6020WQB	1.47
	6040WQB	3.12



Manufactured SQU	SQU System Model	Max Treatment Flow (cfs)
<b>Vortechs®</b>	1000	0.49
	2000	1.00
	3000	1.75
	4000	2.76
	5000	4.05
	7000	5.66
	9000	7.59
	11000	9.88
	16000	15.59
	PC1319 or 1319 CIP	19.04
	PC1421 or 1421 CIP	22.92
	1522 CIP	27.23
	1624 CIP	32.00
	1726 CIP	37.24
	1827 CIP	42.96
	1929 CIP	49.17
	2030 CIP	55.90
	2131 CIP	63.15
	2233 CIP	70.94
	2334 CIP	79.28
	2436 CIP	88.18
	2538 CIP	97.66
	2639 CIP	107.72
	2740 CIP	118.37
	2842 CIP	129.64
	2943 CIP	141.53
3045 CIP	154.05	
3146 CIP	167.21	
3349 CIP	195.49	
3958 CIP	296.83	
4060 CIP	316.23	



Manufactured SQU	SQU System Model	Max Treatment Flow (cfs)
<b>StormTrap®</b>	SSWQ-2x4	0.36
	SSWQ-3x6	0.80
	SSWQ-3x8	1.07
	SSWQ-4x8	1.43
	SSWQ-4x9	1.61
	SSWQ-5x10	2.23
	SSWQ-5x12	2.68
	SSWQ-6x12	3.21
	STWQ-2	3.52
	STWQ-3	5.29
	STWQ-4	7.05
	STWQ-5	9.03
	STWQ-6a	10.80
	STWQ-6b	10.76
	STWQ-7a	12.78
	STWQ-7b	12.89
	STWQ-8	15.10
	STWQ-9	16.86
	STWQ-10	19.00
	STWQ-12	22.97
	STWQ-55	109.57
	STWQ-105	211.16
	STWQ-153	308.99
	STWQ-200	403.80
	STWQ-I	4.12
	STWQ-II	1.95
	STWQ-III	3.93
	STWQ-IV	1.85
STWQ-V	1.85	
STWQ-VI	3.75	
STWQ-VII	1.76	



Manufactured SQU	SQU System Model	Max Treatment Flow (cfs)
<b>Baysaver</b>	0.5K	0.22
	1K	0.28
	3K	0.92
	5K	1.90
	10K	3.43
<b>Prinsco</b>	WQU3620	0.60
	WQU3640	1.28
	WQU4220	0.70
	WQU4240	1.49
	WQU4820	0.92
	WQU4840	1.95
	WQU6020	1.18
	WQU6040	2.51
<b>First Defense<sup>2</sup></b>	4 Foot Diameter	0.70
	6 Foot Diameter	2.00
<b>Haviland</b>	SWQU 36X20-B	0.75
	SWQU 36X40-B	1.50
	SWQU 42X20-B	0.80
	SWQU 42X40-B	1.80
	SWQU 48X20-B	1.10
	SWQU 48X40-B	2.40
	SWQU 60X20-B	1.40
	SWQU 60X40-B	3.10
<b>KriStar FloGard</b>	DVS-36	0.24
	DVS-48	0.50
	DVS-60	0.87
	DVS-72	1.38
	DVS-96	2.83
	DVS-120	4.94

<sup>1</sup> Poly Coated Steel (PCS) Not Approved for use in Public ROW

<sup>2</sup> Not Approved for use with an open grate top (i.e. an inlet)