

Drainage Area 1				BMP MATRIX	BMP Identifier
Area (acres)			BMP 1	Extended Wet Detention (WQ & D) (80%)	EWD-DA01-1
Enter Impervious Area (sq. ft):		0.02	DIVII I	Extended Wet Betertain (W& & B) (0070)	EWB BAOT I
	Enter Disturbed Pervious Area (acres):	0.21			
	Enter Undisturbed Upland Area (acres):		BMP 2	Extended Wet Detention (WQ & D) (80%)	EWD-DA01-2
	Enter Undisturbed Stream Buffers (acres):		DIVII 2	Extended Wet Betertain (W& & B) (0070)	EWD DAOL 2
	Total Area (acres)	0.23			
Pollutant Loads			BMP 3	None	NA
	TSS Load w/out BMP (lbs)	330	D 0	110110	
	TSS Loading Rate w/out BMP (lb/ac/yr)	1,452			
	TSS Load w/ BMP (lbs)	40	BMP 4	None	NA
	TSS Loading Rate w/ BMP (lb/ac/yr)	174			
Porous Pavement (Acres):					
District/LandLot/Parcel:			BMP 5	None	NA
Watershed Basin:	Pick From List		DIVIP 3	NOTIC	INA
Commission District:	Choose One				

Drainage Area 2				BMP MATRIX	BMP Identifier
Enter Impervious Area (sq. ft):	715.538883	0.02	BMP 1	Extended Wet Detention (WQ & D) (80%)	EWD-DA02-1
	Enter Disturbed Pervious Area (acres):	0.22	DIVIF I	Extended wet Determion (WQ & D) (60%)	LWD-DA02-1
	Enter Undisturbed Upland Area (acres):				
	Enter Undisturbed Stream Buffers (acres):		BMP 2	Extended Wet Detention (WQ & D) (80%)	EWD-DA02-2
	Total Area (acres)	0.24	DIVII 2	Extended Wet Betermon (WQ & B) (0070)	LIVE BROZ Z
Pollutant Loads					
	TSS Load w/out BMP (lbs)	331	BMP 3	None	NA
	TSS Loading Rate w/out BMP (lb/ac/yr)	1,394	Divii 0	Notie	1471
	TSS Load w/ BMP (lbs)	40			
	TSS Loading Rate w/ BMP (lb/ac/yr)	167	BMP 4	None	NA
Porous Pavement (Acres):			DIVIP 4	Notic	INA
District/LandLot/Parcel:					
Watershed Basin:	Pick From List		BMP 5	None	NA
Commission District:	Choose One		DIVIP 5	NOTE	INA

Drainage Area 3	_			BMP MATRIX	BMP Identifier
Enter Impervious Area (sq. ft):	2327.414459	0.05	BMP 1	Extended Wet Detention (WQ & D) (80%)	EWD-DA03-1
	Enter Disturbed Pervious Area (acres):	0.41	DIVIF	Extended Wet Determion (WQ & D) (60%)	LWD-DA03-1
	Enter Undisturbed Upland Area (acres):				
	Enter Undisturbed Stream Buffers (acres):		BMP 2	Extended Wet Detention (WQ & D) (80%)	EWD-DA03-2
	Total Area (acres)	0.46	DIVII 2	Extended Wet Betermen (WQ & B) (0070)	EWD DAGG E
Pollutant Loads					
	TSS Load w/out BMP (lbs)	694	BMP 3	None	NA
	TSS Loading Rate w/out BMP (lb/ac/yr)	1,497 83	Divii 0	None	1471
	TSS Load w/ BMP (lbs)				
	TSS Loading Rate w/ BMP (lb/ac/yr)	180	BMP 4	None	NA
Porous Pavement (Acres):			DIVIP 4	Notie	INA
District/LandLot/Parcel:					
Watershed Basin:	Pick From List		BMP 5	None	NA
Commission District:	Choose One		DIVIF 3	None	INA

Drainage Area 4				BMP MATRIX	BMP Identifier
Enter Impervious Area (sq. ft):	84698.36751	1.94	BMP 1	Extended Wet Detention (WQ & D) (80%)	EWD-DA04-1
	Enter Disturbed Pervious Area (acres):	0.78	DIVII 1	Extended Wet Determion (WQ & D) (0070)	LWD-DA04-1
	Enter Undisturbed Upland Area (acres):				
	Enter Undisturbed Stream Buffers (acres):		BMP 2	Extended Wet Detention (WQ & D) (80%)	EWD-DA04-2
	Total Area (acres)	2.72	DIVII 2	Extended Wet Betermon (WQ & B) (0070)	EWD DAOT 2
Pollutant Loads					
	TSS Load w/out BMP (lbs)	8,715	BMP 3	None	NA
	TSS Loading Rate w/out BMP (lb/ac/yr)	3,198	J 0	110.10	
	TSS Load w/ BMP (lbs)	1,046			
	TSS Loading Rate w/ BMP (lb/ac/yr)	384	BMP 4	None	NA
Porous Pavement (Acres):			DIVIP 4	None	INA
District/LandLot/Parcel:					
Watershed Basin:	Pick From List		BMP 5	None	NA
Commission District:	Choose One		ר אואום	NOTE	INA

# Figure 13a: Existing Conditions

Drainage Area 5				BMP MATRIX	BMP Identifier
Enter Impervious Area (sq. ft):	125.282073	0.00	BMP 1	Extended Wet Detention (WQ & D) (80%)	EWD-DA05-1
	Enter Disturbed Pervious Area (acres):		DIVII I	Extended Wet Detention (WQ & D) (0070)	LWD-DA03-1
	Enter Undisturbed Upland Area (acres):	0.11			
	Enter Undisturbed Stream Buffers (acres):		BMP 2	Extended Wet Detention (WQ & D) (80%)	EWD-DA05-2
	Total Area (acres)	0.11	DIVII 2	Extended Wet Determent (Wa a D) (6076)	EWB Briog E
Pollutant Loads					
	TSS Load w/out BMP (lbs)	66	BMP 3	None	NA
	TSS Loading Rate w/out BMP (lb/ac/yr)	590	5	110.10	
	TSS Load w/ BMP (lbs)	8			
	TSS Loading Rate w/ BMP (lb/ac/yr)	71	BMP 4	None	NA
Porous Pavement (Acres):			DIVIF 4	None	INA
District/LandLot/Parcel:					
Watershed Basin:	Pick From List		BMP 5	None	NA
Commission District:	Choose One		כ דואום	NOTE	INA

Drainage Area 6	·			BMP MATRIX	BMP Identifier
Enter Impervious Area (sq. ft):	580.665075	0.01	BMP 1	Extended Wet Detention (WQ & D) (80%)	EWD-DA06-1
	Enter Disturbed Pervious Area (acres):		DIVIF	Extended Wet Detention (WQ & D) (60%)	LWD-DA00-1
	Enter Undisturbed Upland Area (acres):	0.14			
	Enter Undisturbed Stream Buffers (acres):		BMP 2	Extended Wet Detention (WQ & D) (80%)	EWD-DA06-2
	Total Area (acres)	0.15	DIVII 2	Extended Wet Determion (WQ & D) (80%)	LWD-DA00-2
Pollutant Loads					
	TSS Load w/out BMP (lbs)	122	BMP 3	None	NA
	TSS Loading Rate w/out BMP (lb/ac/yr)	810	DIVII 3		INA
	TSS Load w/ BMP (lbs)	15			
	TSS Loading Rate w/ BMP (lb/ac/yr)	97	BMP 4	None	NA
Porous Pavement (Acres):			DIVIF 4	None	INA
District/LandLot/Parcel:					
Watershed Basin:	Pick From List		BMP 5	None	NA
Commission District:	Choose One		DIVIP 3	Notic	INA

Drainage Area 7	·			BMP MATRIX	BMP Identifier
Enter Impervious Area (sq. ft):	731.50503	0.02	BMP 1	Extended Wet Detention (WQ & D) (80%)	EWD-DA07-1
	Enter Disturbed Pervious Area (acres):	0.02	DIVIF	Extended wet Determion (WQ & D) (60%)	LWD-DA07-1
	Enter Undisturbed Upland Area (acres):	0.17			
	Enter Undisturbed Stream Buffers (acres):		BMP 2	Extended Wet Detention (WQ & D) (80%)	EWD-DA07-2
	Total Area (acres)	0.20	Divil 2	Extended Wet Determion (WQ & D) (0070)	EWD DAOL 2
Pollutant Loads					
	TSS Load w/out BMP (lbs)	168	BMP 3	None	NA
	TSS Loading Rate w/out BMP (lb/ac/yr)	850	DIVII 3	None	INA
	TSS Load w/ BMP (lbs)	20			
	TSS Loading Rate w/ BMP (lb/ac/yr)	102	BMP 4	None	NA
Porous Pavement (Acres):			DIVIP 4	Notic	INA
District/LandLot/Parcel:					
Watershed Basin:	Pick From List		BMP 5	None	NA
Commission District:	Choose One		DIVIP 5	NOTE	INA

Drainage Area 8	_	•		BMP MATRIX	BMP Identifier
Enter Impervious Area (sq. ft):	1379.042766	0.03	BMP 1	Extended Wet Detention (WQ & D) (80%)	EWD-DA08-1
	Enter Disturbed Pervious Area (acres):	0.15	DIVII 1	Extended Wet Detention (WQ & D) (80%)	LVVD-DA00-1
	Enter Undisturbed Upland Area (acres):	0.01			
	Enter Undisturbed Stream Buffers (acres):		BMP 2	Extended Wet Detention (WQ & D) (80%)	EWD-DA08-2
	Total Area (acres)	0.19	DIVIF 2	Extended Wet Determion (WQ & D) (60%)	LVVD-DA00-2
Pollutant Loads					
	TSS Load w/out BMP (lbs)	313	BMP 3	None	NA
	TSS Loading Rate w/out BMP (lb/ac/yr)	1,609	DIVII 3	None	INA
	TSS Load w/ BMP (lbs)	38			ļ
	TSS Loading Rate w/ BMP (lb/ac/yr)	193	BMP 4	None	NA
Porous Pavement (Acres):			DIVIF 4	None	INA
District/LandLot/Parcel:					
Watershed Basin:	Pick From List		BMP 5	None	NA
Commission District:	Choose One		DIVIP 3	None	INA

# Figure 13a: Existing Conditions

Drainage Area 9				BMP MATRIX	BMP Identifier
Enter Impervious Area (sq. ft):	1757.43179	0.04	BMP 1	Extended Wet Detention (WQ & D) (80%)	EWD-DA09-1
	Enter Disturbed Pervious Area (acres):	0.35	DIVIF I	Extended Wet Determion (WQ & D) (60%)	LWD-DA09-1
	Enter Undisturbed Upland Area (acres):	0.07			
	Enter Undisturbed Stream Buffers (acres):		BMP 2	Extended Wet Detention (WQ & D) (80%)	EWD-DA09-2
	Total Area (acres)	0.46	DIVII Z	Extended Wet Determent (Wa a D) (6076)	EVVD D/100 Z
Pollutant Loads					
	TSS Load w/out BMP (lbs)	606	BMP 3	None	NA
	TSS Loading Rate w/out BMP (lb/ac/yr)	1,308	Divii 0	140110	14/1
	TSS Load w/ BMP (lbs)	73			
	TSS Loading Rate w/ BMP (lb/ac/yr)	157	BMP 4	None	NA
Porous Pavement (Acres):			DIVIF 4	None	INA
District/LandLot/Parcel:					
Watershed Basin:	Pick From List		BMP 5	None	NA
Commission District:	Choose One		DIVIE	140116	IVA

Drainage Area 10	_			BMP MATRIX	BMP Identifier
Enter Impervious Area (sq. ft):	4086.640995	0.09	BMP 1	Extended Wet Detention (WQ & D) (80%)	EWD-DA10-1
	Enter Disturbed Pervious Area (acres):	0.52	DIVIF I	Extended wet Determion (WQ & D) (80%)	LWD-DA10-1
	Enter Undisturbed Upland Area (acres):				
	Enter Undisturbed Stream Buffers (acres):		BMP 2	Extended Wet Detention (WQ & D) (80%)	EWD-DA10-2
	Total Area (acres)	0.61	J 2	2xionada (101 2010miem (11 4 4 2) (0070)	2110 07110 2
Pollutant Loads					
	TSS Load w/out BMP (lbs)	1,001	BMP 3	None	NA
	TSS Loading Rate w/out BMP (lb/ac/yr)	1,627	D.III 0	110.10	1.0.
	TSS Load w/ BMP (lbs)	120		None	
	TSS Loading Rate w/ BMP (lb/ac/yr)	195	BMP 4		NA
Porous Pavement (Acres):			DIVIP 4	INOTIC	INA
District/LandLot/Parcel:					
Watershed Basin:	Pick From List		BMP 5	None	NA
Commission District:	Choose One		DIVIF 3	None	INA

Drainage Area 1				BMP MATRIX	BMP Identifier
Area (acres)			BMP 1	Extended Wet Detention (WQ & D) (80%	EWD-DA01-1
Enter Impervious Area (sq. ft):	2,470.69	0.06	<b></b> .	= = = = = = = = = = = = = = = = = = =	2112 27101 1
	Enter Disturbed Pervious Area (acres):	0.64			
	Enter Undisturbed Upland Area (acres):		BMP 2	Extended Wet Detention (WQ & D) (80%	) EWD-DA01-2
	Enter Undisturbed Stream Buffers (acres):		Divil 2	Extended Wet Betermen (W& & B) (66%	, LVID BAOT Z
	Total Area (acres)	0.70			
Pollutant Loads			BMP 3	None	NA
	TSS Load w/out BMP (lbs)	995	Divii 0	140110	1471
	TSS Loading Rate w/out BMP (lb/ac/yr)	1,428			
	TSS Load w/ BMP (lbs)	119	BMP 4	None	NA
	TSS Loading Rate w/ BMP (lb/ac/yr)	171	DIVII 4	None	14/4
Porous Pavement (Acres):					
District/LandLot/Parcel:			BMP 5	None	NA
Watershed Basin:	Pick From List		DIVIP 3	NOTIC	INA
Commission District:	Choose One				

Drainage Area 2				BMP MATRIX	BMP Identifier
Enter Impervious Area (sq. ft):	1537.773464	0.04	BMP 1	Extended Wet Detention (WQ & D) (80%)	EWD-DA02-1
	Enter Disturbed Pervious Area (acres):	0.12	DIVII	Extended Wet Determion (WQ & D) (00%)	LWD-DA02-1
	Enter Undisturbed Upland Area (acres):	0.02			
	Enter Undisturbed Stream Buffers (acres):	0.002	BMP 2	Extended Wet Detention (WQ & D) (80%)	EWD-DA02-2
	Total Area (acres)	0.18	DIVII 2	Extended Wet Determion (WQ & D) (0070)	LWD DAOZ Z
Pollutant Loads					
	TSS Load w/out BMP (lbs)	295	BMP 3	None	NA
	TSS Loading Rate w/out BMP (lb/ac/yr)	1,667	Divil 3	None	IVA
	TSS Load w/ BMP (lbs)	35			
	TSS Loading Rate w/ BMP (lb/ac/yr)	200	BMP 4	None	NA
Porous Pavement (Acres):			DIVIF 4	Notie	INA
District/LandLot/Parcel:					
Watershed Basin:	Pick From List		BMP 5	None	NA
Commission District:	Choose One		ט אואם	NOTIC	NA

Drainage Area 3				BMP MATRIX	BMP Identifier
Enter Impervious Area (sq. ft):	3791.4	0.09	BMP 1	Extended Wet Detention (WQ & D) (80%)	EWD-DA03-1
	Enter Disturbed Pervious Area (acres):	0.90	DIVII	Extended Wet Determion (WQ & D) (00%)	EWD-DA03-1
BYPASS	Enter Undisturbed Upland Area (acres):			Extended Wet Detention (WQ & D) (80%)	
	Enter Undisturbed Stream Buffers (acres):		BMP 2		EWD-DA03-2
	Total Area (acres)	0.99	DIVII Z	Extended Wet Determion (WQ & D) (0070)	LWD DAGS 2
Pollutant Loads					
	TSS Load w/out BMP (lbs)	1,428	BMP 3	None	NA
	TSS Loading Rate w/out BMP (lb/ac/yr)	1,447	Divii 3	None	14/3
	TSS Load w/ BMP (lbs)	171			
	TSS Loading Rate w/ BMP (lb/ac/yr)	174	BMP 4	None	NA
Porous Pavement (Acres):			DIVIP 4	None	INA
District/LandLot/Parcel:					
Watershed Basin:	Pick From List		BMP 5	None	NA
Commission District:	Choose One		DIVIP 3	NOTE	IVA

Drainage Area 4				BMP MATRIX	BMP Identifier
Enter Impervious Area (sq. ft):		0.00	BMP 1	None	NA
	Enter Disturbed Pervious Area (acres):		DIVII 1	None	IVA
	Enter Undisturbed Upland Area (acres):				
	Enter Undisturbed Stream Buffers (acres):		BMP 2	None	NA
	Total Area (acres)	0.00			
Pollutant Loads					
	TSS Load w/out BMP (lbs)	0	BMP 3	None	NA
	TSS Loading Rate w/out BMP (lb/ac/yr)				
	TSS Load w/ BMP (lbs)	0			
	TSS Loading Rate w/ BMP (lb/ac/yr)		BMP 4	None	NA
Porous Pavement (Acres):			DIVII 4	None	IVA
District/LandLot/Parcel:					
Watershed Basin:	Pick From List		BMP 5	None	NA
Commission District:	Choose One		DIVIP 3	NOTIC	NA

Drainage Area 1				BMP MATRIX		BMP Identifier
Area (acres)			BMP 1	Bioretention	(85%)	BIO-DA01-1
Enter Impervious Area (sq. ft):	2844.138644	0.07	Divii i	Dioretermon	(0370)	DIO DAOT I
	Enter Disturbed Pervious Area (acres):	0.16				
	Enter Undisturbed Upland Area (acres):		BMP 2	Extended Wet Detention (WQ & D)	(80%)	EWD-DA01-2
	Enter Undisturbed Stream Buffers (acres):		DIVII Z	Extended Wet Determion (WQ & D)		EWD-DA01-2
	Total Area (acres)	0.23				
Pollutant Loads			BMP 3	Constructed Wetland	(85%)	CWX-DA01-3
	TSS Load w/out BMP (lbs)	453	Divii 5	Constructed Wetland	(== ,=)	OWN DAOL 3
	TSS Loading Rate w/out BMP (lb/ac/yr)	2,012				
	TSS Load w/ BMP (lbs)	23	BMP 4	None		NA
	TSS Loading Rate w/ BMP (lb/ac/yr)	104	DIVII 4	None		INA
Porous Pavement (Acres):						
District/LandLot/Parcel:			DMD 5	None		NA
Watershed Basin:	Pick From List		BMP 5	None		INA
Commission District:	Choose One					

Drainage Area 2				BMP MATRIX		BMP Identifier
Enter Impervious Area (sq. ft):	3473.302579	0.08	BMP 1	Bioretention	(050()	BIO-DA02-1
	Enter Disturbed Pervious Area (acres):	0.16	DIVII	Bioreterition	(85%)	DIO-DA02-1
	Enter Undisturbed Upland Area (acres):					
	Enter Undisturbed Stream Buffers (acres):		BMP 2	Extended Wet Detention (WQ & D)	(80%)	EWD-DA02-2
	Total Area (acres)	0.24	DIVII Z	Extended Wet Determon (WQ & D)	(80%)	LWD DAGE 2
Pollutant Loads						
	TSS Load w/out BMP (lbs)	508	BMP 3	Constructed Wetland	(85%)	CWX-DA02-3
	TSS Loading Rate w/out BMP (lb/ac/yr)	2,141	Divii 0	Conditation Welland	(0370)	OWX BAGE 0
	TSS Load w/ BMP (lbs)	26				
	TSS Loading Rate w/ BMP (lb/ac/yr)	111	BMP 4	None		NA
Porous Pavement (Acres):			DIVIF 4	Notice		INA
District/LandLot/Parcel:						
Watershed Basin:	Pick From List		BMP 5	None		NA
Commission District:	Choose One		DIVIF 3	Notice		INA

Drainage Area 3				BMP MATRIX		BMP Identifier
Enter Impervious Area (sq. ft):	5390.313587	0.12	BMP 1	Bioretention	(0.50()	BIO-DA03-1
	Enter Disturbed Pervious Area (acres):	0.33	DIVII 1	Bioreterition	(85%)	DIO-DA03-1
	Enter Undisturbed Upland Area (acres):					
	Enter Undisturbed Stream Buffers (acres):		BMP 2	Extended Wet Detention (WQ & D)	(80%)	EWD-DA03-2
	Total Area (acres)	0.46	DIVII Z	Extended Wet Determon (WQ & D)	(00 /6)	LWD DAGS 2
Pollutant Loads						
	TSS Load w/out BMP (lbs)	896	BMP 3	Constructed Wetland	(85%)	CWX-DA03-3
	TSS Loading Rate w/out BMP (lb/ac/yr)	1,957	DIVII 3	Constructed Wetland	(0070)	OWN BAOS S
	TSS Load w/ BMP (lbs)	46				
	TSS Loading Rate w/ BMP (lb/ac/yr)	101	BMP 4	None		NA
Porous Pavement (Acres):			DIVIF 4	Notice		INA
District/LandLot/Parcel:						
Watershed Basin:	Pick From List		BMP 5	None		NA
Commission District:	Choose One		DIVIP 5	ivolle		IVA

Drainage Area 4				BMP MATRIX		BMP Identifier
Enter Impervious Area (sq. ft):	86972.98361	2.00	BMP 1	Bioretention	(85%)	BIO-DA04-1
	Enter Disturbed Pervious Area (acres):	0.72	DIVII 1	Dioreterition	(85%)	DIO-DA04-1
	Enter Undisturbed Upland Area (acres):					
	Enter Undisturbed Stream Buffers (acres):		BMP 2	Extended Wet Detention (WQ & D)	(80%)	EWD-DA04-2
	Total Area (acres)	2.72	Divil 2	Extended Wet Betermen (W& & B)	(0070)	EVID BAGTE
Pollutant Loads						
	TSS Load w/out BMP (lbs)	8,857	BMP 3	Constructed Wetland	(85%)	CWX-DA04-3
	TSS Loading Rate w/out BMP (lb/ac/yr)	3,254	Divil 0	Constructed Wetland		OWX BAGTO
	TSS Load w/ BMP (lbs)	458				
	TSS Loading Rate w/ BMP (lb/ac/yr)	168	BMP 4	None		NA
Porous Pavement (Acres):			DIVIF 4	None		INA
District/LandLot/Parcel:						
Watershed Basin:	Pick From List		BMP 5	None		NA
Commission District:	Choose One		כ דועום	IAOHG		IVA

## Figure 13b: Proposed Conditions

Drainage Area 5				BMP MATRIX		BMP Identifier
Enter Impervious Area (sq. ft):	892.371877	0.02	BMP 1	Bioretention		BIO-DA05-1
	Enter Disturbed Pervious Area (acres):	0.07	DIVIP I	Dioretention	(85%)	BIO-DAU5-1
	Enter Undisturbed Upland Area (acres):	0.02				
	Enter Undisturbed Stream Buffers (acres):	2.11	BMP 2	Extended Wet Detention (WQ & D)	(80%)	EWD-DA05-2
Pollutant Loads	Total Area (acres)	0.11				
Pollutant Loads	TSS Load w/out BMP (lbs)	176				
	TSS Loading Rate w/out BMP (lb/ac/yr)	1,565	BMP 3	Constructed Wetland	(85%)	CWX-DA05-3
	TSS Load w/ BMP (lbs)	9				
	TSS Loading Rate w/ BMP (lb/ac/yr)	81	5145.4			
Porous Pavement (Acres):			BMP 4	None		NA
District/LandLot/Parcel:						
Watershed Basin:	Pick From List					
Commission District:	Choose One		BMP 5	None		NA
Commission district.	CHOOSE OHE					
Drainago Aroa 6				BMP MATRIX		BMP Identifier
Drainage Area 6	2506.646555	0.06		DINIF MIATRIA		DIVIP Identifier
Enter Impervious Area (sq. ft):	Enter Disturbed Pervious Area (acres):	0.06	BMP 1	Bioretention	(85%)	BIO-DA06-1
	Enter Undisturbed Upland Area (acres):	0.00				
	Enter Undisturbed Stream Buffers (acres):		BMP 2	Extended Wet Detection (WO & D)	(80%)	EWD-DA06-2
	Total Area (acres)	0.15	DIVIP 2	Extended Wet Detention (WQ & D)	(60%)	EWD-DA06-2
Pollutant Loads						
	TSS Load w/out BMP (lbs)	341	BMP 3	Constructed Wetland	(85%)	CWX-DA06-3
	TSS Loading Rate w/out BMP (lb/ac/yr) TSS Load w/ BMP (lbs)	2,273 18				
	TSS Load w/ BMP (lb/ac/yr)	118				
Danasia Bassamant (Aassa):	133 Loading Rate W/ BIVIF (ID/ac/yl)	110	BMP 4	None		NA
Porous Pavement (Acres):						
District/LandLot/Parcel:						
Watershed Basin:	Pick From List		BMP 5	None		NA
Commission District:	Choose One					
Dun's A 7				DMD MATRIX		
Drainage Area 7	2012 177055			BMP MATRIX		BMP Identifier
Enter Impervious Area (sq. ft):	2910.177255 Enter Disturbed Pervious Area (acres):	0.07 0.13	BMP 1	Bioretention	(85%)	BIO-DA07-1
	Enter Undisturbed Upland Area (acres):	0.13				
	Enter Undisturbed Stream Buffers (acres):		DMD 0	Form to I Mark Botton (MO & B)	(000()	EWD D407.0
	Total Area (acres)	0.20	BMP 2	Extended Wet Detention (WQ & D)	(80%)	EWD-DA07-2
Pollutant Loads						
	TSS Load w/out BMP (lbs)	425	BMP 3	Constructed Wetland	(85%)	CWX-DA07-3
	TSS Loading Rate w/out BMP (lb/ac/yr)	2,144			(,-,	
	TSS Load w/ BMP (lbs)	22				
	TSS Loading Rate w/ BMP (lb/ac/yr)	111	BMP 4	None		NA
Porous Pavement (Acres):						
District/LandLot/Parcel:						
Watershed Basin:	Pick From List		BMP 5	None		NA
Watershed Basin: Commission District:	Pick From List Choose One		BMP 5	None		NA
Commission District:			BMP 5			
Commission District:  Drainage Area 8	Choose One		BMP 5	None BMP MATRIX		NA  BMP Identifier
Commission District:	Choose One 2389.087723	0.05	BMP 5		(85%)	
Commission District:  Drainage Area 8	Choose One  2389.087723  Enter Disturbed Pervious Area (acres):	0.05 0.14		BMP MATRIX	(85%)	BMP Identifier
Commission District:  Drainage Area 8	Choose One  2389.087723  Enter Disturbed Pervious Area (acres): Enter Undisturbed Upland Area (acres):		BMP 1	BMP MATRIX Bioretention		BMP Identifier BIO-DA08-1
Commission District:  Drainage Area 8	Choose One  2389.087723  Enter Disturbed Pervious Area (acres):			BMP MATRIX	(85%)	BMP Identifier
Commission District:  Drainage Area 8	Choose One  2389.087723  Enter Disturbed Pervious Area (acres): Enter Undisturbed Upland Area (acres): Enter Undisturbed Stream Buffers (acres):	0.14	BMP 1	BMP MATRIX Bioretention		BMP Identifier BIO-DA08-1
Commission District:  Drainage Area 8  Enter Impervious Area (sq. ft):	Choose One  2389.087723  Enter Disturbed Pervious Area (acres): Enter Undisturbed Upland Area (acres): Enter Undisturbed Stream Buffers (acres): Total Area (acres)  TSS Load w/out BMP (lbs)	0.14 0.20 388	BMP 1	BMP MATRIX Bioretention  Extended Wet Detention (WQ & D)	(80%)	BMP Identifier BIO-DA08-1 EWD-DA08-2
Commission District:  Drainage Area 8  Enter Impervious Area (sq. ft):	Choose One  2389.087723  Enter Disturbed Pervious Area (acres): Enter Undisturbed Upland Area (acres): Enter Undisturbed Stream Buffers (acres): Total Area (acres)  TSS Load w/out BMP (lbs) TSS Loading Rate w/out BMP (lb/ac/yr)	0.14 0.20 388 1,985	BMP 1	BMP MATRIX Bioretention		BMP Identifier BIO-DA08-1
Commission District:  Drainage Area 8  Enter Impervious Area (sq. ft):	Choose One  2389.087723  Enter Disturbed Pervious Area (acres): Enter Undisturbed Upland Area (acres): Enter Undisturbed Stream Buffers (acres): Total Area (acres)  TSS Load w/out BMP (lbs) TSS Loading Rate w/out BMP (lb/ac/yr) TSS Load w/ BMP (lbs)	0.14 0.20 388 1,985 20	BMP 1	BMP MATRIX Bioretention  Extended Wet Detention (WQ & D)	(80%)	BMP Identifier BIO-DA08-1 EWD-DA08-2
Commission District:  Drainage Area 8  Enter Impervious Area (sq. ft):  Pollutant Loads	Choose One  2389.087723  Enter Disturbed Pervious Area (acres): Enter Undisturbed Upland Area (acres): Enter Undisturbed Stream Buffers (acres): Total Area (acres)  TSS Load w/out BMP (lbs) TSS Loading Rate w/out BMP (lb/ac/yr)	0.14 0.20 388 1,985	BMP 1 BMP 2 BMP 3	BMP MATRIX Bioretention  Extended Wet Detention (WQ & D)  Constructed Wetland	(80%)	BMP Identifier BIO-DA08-1 EWD-DA08-2 CWX-DA08-3
Commission District:  Drainage Area 8  Enter Impervious Area (sq. ft):	Choose One  2389.087723  Enter Disturbed Pervious Area (acres): Enter Undisturbed Upland Area (acres): Enter Undisturbed Stream Buffers (acres): Total Area (acres)  TSS Load w/out BMP (lbs) TSS Loading Rate w/out BMP (lb/ac/yr) TSS Load w/ BMP (lbs)	0.14 0.20 388 1,985 20	BMP 1	BMP MATRIX Bioretention  Extended Wet Detention (WQ & D)	(80%)	BMP Identifier BIO-DA08-1 EWD-DA08-2
Commission District:  Drainage Area 8 Enter Impervious Area (sq. ft):  Pollutant Loads	Choose One  2389.087723  Enter Disturbed Pervious Area (acres): Enter Undisturbed Upland Area (acres): Enter Undisturbed Stream Buffers (acres): Total Area (acres)  TSS Load w/out BMP (lbs) TSS Loading Rate w/out BMP (lb/ac/yr) TSS Load w/ BMP (lbs)	0.14 0.20 388 1,985 20	BMP 1 BMP 2 BMP 3	BMP MATRIX Bioretention  Extended Wet Detention (WQ & D)  Constructed Wetland	(80%)	BMP Identifier BIO-DA08-1 EWD-DA08-2 CWX-DA08-3
Commission District:  Drainage Area 8  Enter Impervious Area (sq. ft):  Pollutant Loads  Porous Pavement (Acres):	Choose One  2389.087723  Enter Disturbed Pervious Area (acres): Enter Undisturbed Upland Area (acres): Enter Undisturbed Stream Buffers (acres): Total Area (acres)  TSS Load w/out BMP (lbs) TSS Loading Rate w/out BMP (lb/ac/yr) TSS Load w/ BMP (lbs)	0.14 0.20 388 1,985 20	BMP 1 BMP 2 BMP 3	BMP MATRIX Bioretention  Extended Wet Detention (WQ & D)  Constructed Wetland	(80%)	BMP Identifier BIO-DA08-1 EWD-DA08-2 CWX-DA08-3

# Figure 13b: Proposed Conditions

Drainage Area 9				BMP MATRIX		BMP Identifier
Enter Impervious Area (sq. ft):	3725.077538	0.09	BMP 1	Bioretention	(050/)	BIO-DA09-1
	Enter Disturbed Pervious Area (acres):	0.31	DIVII 1	Dioretention	(85%)	DIO-DA09-1
	Enter Undisturbed Upland Area (acres):	0.06				
	Enter Undisturbed Stream Buffers (acres):		BMP 2	Extended Wet Detention (WQ & D)	(80%)	EWD-DA09-2
	Total Area (acres)	0.46	DIVII 2	Extended Wet Determion (WQ & D)	(80%)	LVVD DA03 Z
Pollutant Loads						
	TSS Load w/out BMP (lbs)	747	BMP 3	Constructed Wetland	(85%)	CWX-DA09-3
	TSS Loading Rate w/out BMP (lb/ac/yr)	1,632	DIVII 3	Constructed Wetland	(0070)	OWX DAGS S
	TSS Load w/ BMP (lbs)	39				
	TSS Loading Rate w/ BMP (lb/ac/yr)	84	BMP 4	None		NA
Porous Pavement (Acres):			DIVIF 4	None		INA
District/LandLot/Parcel:						
Watershed Basin:	Pick From List		BMP 5	None		NA
Commission District:	Choose One		DIVIP 3	NOTIC		INA

Drainage Area 10				BMP MATRIX		BMP Identifier
Enter Impervious Area (sq. ft)	8699.289806	0.20	BMP 1	Bioretention	(050/)	BIO-DA10-1
	Enter Disturbed Pervious Area (acres):	0.41	DIVII	Bioreterition	(85%)	DIO-DATO-T
	Enter Undisturbed Upland Area (acres):			Extended Wet Detention (WQ & D)		
	Enter Undisturbed Stream Buffers (acres):		BMP 2		(80%)	EWD-DA10-2
	Total Area (acres)	0.61	DIVII Z	Extended Wet Determion (WQ & D)	(00 /0)	EWD DATO 2
Pollutant Loads						
	TSS Load w/out BMP (lbs)	1,297	BMP 3	Constructed Wetland	(85%)	CWX-DA10-3
	TSS Loading Rate w/out BMP (lb/ac/yr)	2,110	Divii 3	Constructed Wetland	(0070)	OWA DATO 3
	TSS Load w/ BMP (lbs)	67				
	TSS Loading Rate w/ BMP (lb/ac/yr)	109	BMP 4	None		NA
Porous Pavement (Acres):			DIVIP 4	None		INA
District/LandLot/Parcel:						
Watershed Basin:	Pick From List		BMP 5	None		NA
Commission District:	Choose One		DIVIP 5	None		NA

Drainage Area 1			BMP MATRIX			BMP Identifier
Area (acres)			BMP 1	Bioretention	(85%)	BIO-DA01-1
Enter Impervious Area (sq. ft):	7413.882245	0.17	DIVII I	Dioretermon	(0070)	BIO BAOT I
	Enter Disturbed Pervious Area (acres):	0.52				
	Enter Undisturbed Upland Area (acres):		BMP 2	Extended Wet Detention (WQ & D)	(80%)	EWD-DA01-2
	Enter Undisturbed Stream Buffers (acres):		DIVII Z	Extended Wet Determon (WQ & D)		LWD DAOT 2
	Total Area (acres)	0.69				
Pollutant Loads			BMP 3	Constructed Wetland	(85%)	CWX-DA01-3
	TSS Load w/out BMP (lbs)	1,309	DIVII 3	Constructed Wetland	(0070)	OWN BAOT 5
	TSS Loading Rate w/out BMP (lb/ac/yr)	1,887				
	TSS Load w/ BMP (lbs)	68	BMP 4	None		NA
	TSS Loading Rate w/ BMP (lb/ac/yr)	98	Divii i	Tions		100
Porous Pavement (Acres):						
District/LandLot/Parcel:			BMP 5	None		NA
Watershed Basin:	Pick From List		DIVIP 3	NOTE		INA
Commission District:	Choose One					

Drainage Area 2				BMP MATRIX		BMP Identifier
Enter Impervious Area (sq. ft):	4017.510965	0.09	BMP 1	Bioretention	(050/)	BIO-DA02-1
	Enter Disturbed Pervious Area (acres):	0.09	DIVIF	Bioretention	(85%)	DIO-DA02-1
	Enter Undisturbed Upland Area (acres):					
	Enter Undisturbed Stream Buffers (acres):		BMP 2	Extended Wet Detention (WQ & D)	(80%)	EWD-DA02-2
	Total Area (acres)	0.18	DIVII 2	Extended Wet Determion (WQ & D)	(00 /0)	LWD DAOZ Z
Pollutant Loads						
	TSS Load w/out BMP (lbs)	477	BMP 3	Constructed Wetland	(85%)	CWX-DA02-3
	TSS Loading Rate w/out BMP (lb/ac/yr)	2,617	Divil 0	Conditation Welland	(0070)	01171 B1102 0
	TSS Load w/ BMP (lbs)	25				
	TSS Loading Rate w/ BMP (lb/ac/yr)	135	BMP 4	None		NA
Porous Pavement (Acres):			DIVIP 4	None		INA
District/LandLot/Parcel:						
Watershed Basin:	Pick From List		BMP 5	None		NA
Commission District:	Choose One		ט אואום	NONE		INA

Drainage Area 3				BMP MATRIX		BMP Identifier
Enter Impervious Area (sq. ft):	4,582.00	0.11	BMP 1	Extended Wet Detention (WQ & D)	(80%)	BIO-DA03-1
	Enter Disturbed Pervious Area (acres):	0.88	DIVIP I	Extended Wet Determon (WQ & D)	(00 /0)	DIO-DA03-1
BYPASS	Enter Undisturbed Upland Area (acres):					
	Enter Undisturbed Stream Buffers (acres):		BMP 2	Constructed Wetland	(85%)	EWD-DA03-2
	Total Area (acres)	0.99	DIVII Z			LVVD DA03 Z
Pollutant Loads						
	TSS Load w/out BMP (lbs)	1,315	BMP 3	None		CWX-DA03-3
	TSS Loading Rate w/out BMP (lb/ac/yr)	1,335	Diviii 0	110110		OWA BAROO O
	TSS Load w/ BMP (lbs)	151				
	TSS Loading Rate w/ BMP (lb/ac/yr)	154	BMP 4	None		NA
Porous Pavement (Acres):			DIVIP 4	None		INA
District/LandLot/Parcel:						
Watershed Basin:	Pick From List		DMD 5	None		NIA
Commission District:	Choose One		BMP 5	None		NA

Drainage Area 4				BMP MATRIX	BMP Identifier
Enter Impervious Area (sq. ft):		0.00	BMP 1	None	NA
	Enter Disturbed Pervious Area (acres):		DIVIF	NOTIC	INA
	Enter Undisturbed Upland Area (acres):				
	Enter Undisturbed Stream Buffers (acres):		BMP 2	None	NA
	Total Area (acres)	0.00	Divil 2	110110	1.0.4
Pollutant Loads					
	TSS Load w/out BMP (lbs)	0	BMP 3	None	NA
	TSS Loading Rate w/out BMP (lb/ac/yr)		2		
	TSS Load w/ BMP (lbs)	0			
	TSS Loading Rate w/ BMP (lb/ac/yr)		BMP 4	None	NA
Porous Pavement (Acres):			DIVIF 4	None	INA
District/LandLot/Parcel:					
Watershed Basin:	Pick From List		BMP 5	None	NA
Commission District:	Choose One		כ דועום	NOTIC	INA

# Figure 13c: TSS Summary

	Existin	ng Conditio	ns
Basin Number	TSS Load w/ BMP (lbs)	Acreage	TSS Loading Rate w/ BMP (lb/ac/yr)
1	40	0.23	174
2	40	0.24	167
3	83	0.46	180
6	1046	2.72	384
9	8	0.11	71
10	15	0.15	97
11	20	0.2	102
12a	38	0.19	193
12b	73	0.46	157
13	120	0.61	195
14	119	0.7	171
15	36	0.18	200
Bypass	171	0.99	174
Totals	1809	7.24	2265

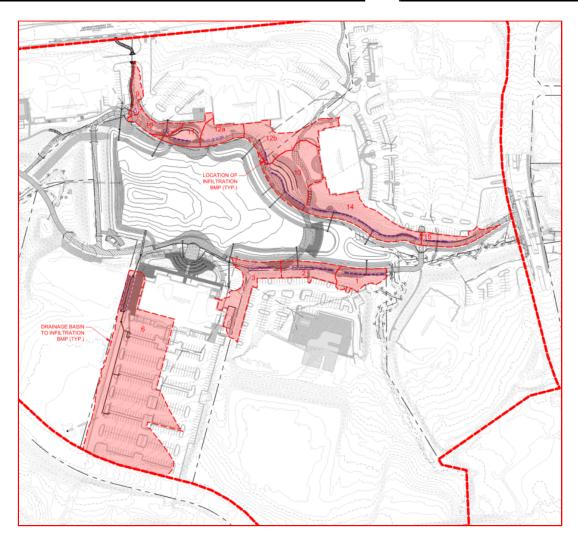
Proposed Conditions									
Basin Number	TSS Load w/ BMP (lbs)	Acreage	TSS Loading Rate w/ BMP (lb/ac/yr)						
1	23	0.23	104						
2	26	0.24	111						
3	46	0.46	101						
6	458	2.72	168						
9	9	0.11	81						
10	18	0.15	118						
11	22	0.2	111						
12a	20	0.2	103						
12b	39	0.46	84						
13	67	0.61	109						
14	68	0.69	98						
15	25	0.18	135						
Bypass	151	0.99	154						
Totals	972	7.24	1477						

TSS Loading Rate w/ BMPs (lb/ac/yr)						
Existing Conditions 2265						
Proposed Conditions	1477					

% Reduction in TSS Loading Rate w/BMPs (lb/ac/yr)						
from Existing to Proposed conditions						
34.79%						

% Reduction in TSS Loading Rate w/BMPs (lbs) from					
Existing to Proposed conditions					
46 27%					

% Change in TSS Loading Rate w/BMPs (lb/ac/yr) from					
Existing to Proposed conditions					
Basin Number					
1	40.23%				
2	33.53%				
3	43.89%				
6	56.25%				
9	-14.08%				
10	-21.65%				
11	-8.82%				
12a	46.63%				
12b	46.50%				
13	44.10%				
14 42.69%					
15	32.50%				
Bypass 11.49%					
(% Reduction: Green) (% Increase: Red)					



# Georgia Stormwater Management Manual Stormwater Quality Site Development Review Tool Version 2.2

#### **General Information** Name of Developer: City of Johns Creek **Date Submitted:** Creekside **Permit Number: Development Name:** Site Location / Address: 11360 Lakefield Dr. **Developer Contact:** Cory Rayburn 678-512-3285 Johns Creek, GA 30097 **Phone Number:** Name of Engineer(s): **Charles Beadles Development Type:** Parks, Recreation & Conservation Areas Maintenance Responsibility: City of Johns Creek

## **Site Summary**

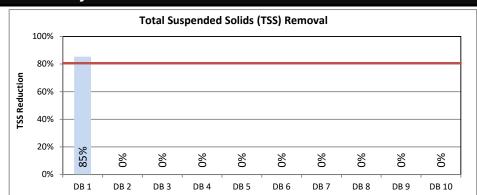
Total Pre-Development Area (ac): 8.95
Total Post-Development Area (ac): 8.95
Total Treated Area (ac): 6.61
Total Untreated Area (ac): 2.34

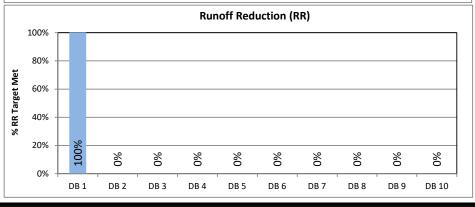
_		I (ac)	P (ac)	CA (ac)
Design Basin 1	DB 1	2.86	6.09	0.00
Drainage Basin 2	DB 2	0.00	0.00	0.00
Drainage Basin 3	DB 3	0.00	0.00	0.00
Drainage Basin 4	DB 4	0.00	0.00	0.00
Drainage Basin 5	DB 5	0.00	0.00	0.00
Drainage Basin 6	DB 6	0.00	0.00	0.00
Drainage Basin 7	DB 7	0.00	0.00	0.00
Drainage Basin 8	DB 8	0.00	0.00	0.00
Drainage Basin 9	DB 9	0.00	0.00	0.00
Drainage Basin 10	DB 10	0.00	0.00	0.00
	TOTAL	2.86	6.09	0.00

I = Impervious Area, P = Pervious Area, CA = Conservation Area

Target Runoff Reduction Volume Achieved? Yes
Target TSS Removal Achieved? Yes

Total Target Runoff Reduction Volume (cf) 10,968
Runoff Reduction Volume Achieved (cf) 10,978
Total Target Water Quality Volume (cf) 13,162
% TSS Removal Achieved 85%





### Official Use Only

Tracking #:
Reviewed By:
Date Approved:

**Conditions of Approval:** 

# Georgia Stormwater Management Manual Stormwater Quality Site Development Review Tool, v2.2

Otorini V	ratei	gaan	ty Oitc	DCVCI	opino		riew ie	, vz	4		
Development Name: Creekside									data input cells		
Drainage Basin Name: Design Basin	1								calculation cells		
									constant values		
				Site Data	a						
ilianta Bur Barralanna ant Lauri Occasion and Burraff Occasio Neurobarra in the Oc	tala Diatamba	al Assa		One Dan	и						
licate Pre-Development Land Cover and Runoff Curve Numbers in the Sir		d Area		<u> </u>	HSC C		Hec D				7
Cover Type	HSG* A (acres)	CN	HSG B (acres)	CN	HSG C (acres)	CN	HSG D (acres)	CN	Total	% Cover	
Woods - Good Condition	0.08	30	2.50	55	(uorco)	70	(uorco)	77	2.58	29%	
Open space - Good condition (grass cover > 75%)	0.69	39	5.12	61		74		80	5.81	65%	i
Impervious	0.10	98	0.46	98		98		98	0.56	6%	
Select a land cover type		0		0		0		0	0.00	0%	
Select a land cover type		0		0		0		0	0.00	0%	1
Local Jurisdiction Input									0.00	0%	4
Other	0.07		0.00		0.00		0.00		0.00	0%	4
Total	0.87		8.08		0.00		0.00	0.50	8.95	100%	J
G = hydrologic soil group							Impervious (ac) Weighted CN		1		
					D	otential Max Soil	weignted CN I Retention, S <sub>ore</sub> (in)	60 6.76	1		
					r.	J.S. ILIAI INIAA GUII		0.70	1		
cate Post-Development Land Cover and Runoff Curve Numbers in the S	ite's Disturb	ed Area									
	HSG A		1100 5 /	01:	HSG C	<b>61</b> 1	HSG D	01:		0/ 0	1
Cover Type	(acres)	CN	HSG B (acres)	CN	(acres)	CN	(acres)	CN	Total	% Cover	
Open space - Good condition (grass cover > 75%)	0.49	39	5.60	61	,	74		80	6.09	68%	1
Impervious	0.38	98	2.48	98		98		98	2.86	32%	
Select a land cover type		0		0		0		0	0.00	0%	
Select a land cover type		0		0		0		0	0.00	0%	
Select a land cover type		0		0		0		0	0.00	0%	
Local Jurisdiction Input									0.00	0%	
Other Total	0.87		8.08		0.00		0.00		0.00 8.95	0% 100%	-
Total	0.07		0.00		0.00			2.86	0.90	100%	_
							Impervious (ac)	0.34	1		
							Weighted CN		1		
					Po	tential Max Soil	Retention, S <sub>post</sub> (in)		1		
					10	Ooli	post (III)	3.00	_		
			Conser	vation Are	ea Credits						
			GONSCI		ļ						
nario 1: Natural Conservation Area *See the GSMM Volume 2, Section 2.3.3.3 fo	r more informa	tion.		 	Scenario 3: S	Soil Restoration	n *See the GSMM	Volume 2, Sec	tion 4.23 for mo	re information.	
Charle the havif a partian of the next devalance and in market at the second	nuotion occarr	ont or only in law	at form of	! ! !		Chook the best	if a partian of the	oot develored	oroo completes	oil rootonation -	nd is protected by -
Check the box if a portion of the post-developed area is protected by a conse	vation easeme	ent or equivaler	IIL IOIM OT	 						on restoration a	nd is protected by a
protection.				i !		conservation ea	asement or equival	ent form of pro	iection.		
Area (ac) of development protected by a conservation easement or	Note: The	aall will oo teel 1	f the Commit 4 ha			Area (ac) of dev	velopment with res	tored soils and	protected by a	conservation	Note: The green cell will unloc
	Note: The green above is checked		f the Scenario 1 box	   			quivalent form of pr		protected by a	oonservation	3 box above is checked
equivalent form of protection.	anove is checke	u				casement of ec	<sub>larvarent</sub> ronni or pr	oteotion.			
					+					*See the GSM	1M Volume 2, Section 4.22 a
nario 2: Site Reforestation/Revegetation *See the GSMM Volume 2, Section 4.22	2 for more infor	mation.			Scenario 4: S	ite Reforestati	on/Revegetation of	& Soil Restora	tion	more informat	
				   	ļ						
Check the box if a portion of the post-developed area employs site reforestation	on/revegetation	n and is protect	ted by a			Check the box i	if the same portion	of the post-dev	/eloped area en	nploys site refo	restation/revegetation and se
conservation easement or equivalent form of protection.	<u>,,</u>	_ ,	,	I I I			d is protected by a				
,				 	ļ	,	,				
Area (ac) of development reforested/revegetated and protected by a	Note: The green	cell will unlock if	f the Scenario 2 box			Area (ac) with r	estored soils in a re	eforested & rev	egetated area a	and protected	Note: The green cell will unloc
conservation easement or equivalent form of protection.	above is checked	d		! ! !			on easement or eq				4 box above is checked
25.152. Takion Gasomoni or Squitaishi form of protostion.						,	- 1	,	•		
				<u> </u>	<del></del>						
	Total Co	nservation Ar	rea Credit (acres)	0.00							

# Georgia Stormwater Management Manual Stormwater Quality Site Development Review Tool, v2.2

Development Name: Creekside
Drainage Basin Name: Design Basin 1

data input cells
calculation cells
constant values

## **Water Quality Goals**

Target Runoff Reduction Storm (in) 1.0

Total Site Area for Water Quality Volume (acres) 8.95

Target Runoff Reduction Volume (cf) 10,968

Target Water Quality Volume (cf) 13,162

## Select BMPs for Runoff Reduction and Water Quality

		Area D	raining to Each	n ВМР	Storage Volume	RR Conveyance		Runoff Reduction Calculations						WQ Calculations	
		On-site Pervious Area (acres)	On-site Impervious Area (acres)	Offsite Area (acres)	Provided by BMP (cf)	Volume Provided by BMP (cf)	Down-stream BMP	RR Volume from Direct Drainage (cf)	RR Volume from Upstream Practices (cf)	Total RR Volume Received by BMP (cf)	Runoff Reduction %	RR Achieved (cf)	Remaining RR Volume (cf)	WQ <sub>v</sub> from Direct Drainage (cf)	Effective TSS Removal %
BMP 1	Bioretention Basin (w/ upturned underdrain)	0.74	0.19		3,167			790	0	790	75%	790	0	947	85%
BMP 2	Bioslope (A & B hydrologic soils)	0.14	0.05		350			198	0	198	50%	175	23	237	85%
BMP 3	Bioslope (A & B hydrologic soils)	0.11	0.03		250			123	0	123	50%	123	0	148	85%
BMP 4	Bioretention Basin (w/ upturned underdrain)	0.66	2.06		9,632			7,224	0	7,224	75%	7,224	0	8,668	85%
BMP 5	Bioretention Basin (w/ upturned underdrain)	1.96	0.67		7,754			2,666	0	2,666	75%	2,666	0	3,199	85%
BMP 6	Select a BMP							0	0	0	N/A	0	0	0	N/A
BMP 7	Select a BMP							0	0	0	N/A	0	0	0	N/A
BMP 8	Select a BMP							0	0	0	N/A	0	0	0	N/A
BMP 9	Select a BMP							0	0	0	N/A	0	0	0	N/A
BMP 10	Select a BMP							0	0	0	N/A	0	0	0	N/A
	TOTAL UNTREATED AREA (acres)	3.61 2.48	3.00 0.00	0.00				11,001				10,978		13,201	1

Target Runoff Reduction Volume (cf)	10,968
Target Achieved?	Yes!
Remaining Runoff Reduction Volume (cf)	0

Target Water Quality Volume (cf)	13,162
% TSS Removal Achieved	85%
Target Achieved?	Yes!
Remaining TSS Removal %	0%

# Georgia Stormwater Management Manual Stormwater Quality Site Development Review Tool, v2.2

Development Name: Creekside

Drainage Basin Name: Design Basin 1

data input cells
calculation cells
constant values

## **Channel and Flood Protection Calculations**

	1-yr, 24-hr	2-yr, 24-hr	25-yr, 24-hr	100-yr, 24-hr
	storm	storm	storm	storm
Target Rainfall Event (in)				

[	1-yr, 24-hr storm	2-yr, 24-hr storm	25-yr, 24-hr storm	100-yr, 24-hr storm
Pre-Development Runoff Volume (in)	0.00	0.00	0.00	0.00
Post Development Runoff Volume (in) with no BMPs	0.00	0.00	0.00	0.00
Post-Development Runoff Volume (in) with BMPs	0.00	0.00	0.00	0.00
Adjusted CN	0	0	0	0

\*See Stormwater Management Standards to Determine Detention Requirements.

## Comments





DEVELOPER:

Johns Creek

GEORGIA be the exception CITY OF JOHNS CREEK 11360 LAKEFIED DRIVE JOHNS CREEK, GA 30097 (678) 512-3200

CONTACT: ERICA MADSEN, P.E.

PROJECT MANAGER:	PT
DRAWING BY:	PT
JURISDICTION:	JOHNS CREEK, GA
DATE:	07-13-2023
SCALE:	1" = 20
TITI F	

**BMP EXHIBIT** 

SHEET NUMBER:

NOT RELEASED FOR CONSTRUCTION

JOB/FILE NUMBER: 939.011