

Appendix A

Prioritization Metrics for Scoring GSI Project Opportunities

Table A-1. Prioritization Metrics for LID Project Opportunities

Metric	Points						Weighting Factor
	0	1	2	3	4	5	
Parcel Land Use			Schools/ Golf Courses	Park / Open Space	Public Buildings	Parking Lots	
Impervious Area (%)	$X < 40$	$40 \leq X < 50$	$50 \leq X < 60$	$60 \leq X < 70$	$70 \leq X < 80$	$80 \leq X < 100$	2
Hydrologic Soil Group		C/D		B		A	
Slope (%)		$10 > X > 5$	$5 \geq X > 3$	$3 \geq X > 2$	$2 \geq X > 1$	$1 \geq X$	
Within flood-prone storm drain catchments	No					Yes	
Contains PCB Interest Areas	None			Moderate		High	2
Within Priority Development Area	No					Yes	
Co-located with another agency project	No					Yes	
Augments water supply	No	Opportunity for capture and use				Above groundwater recharge area and not above groundwater contamination area	2
Water quality source control	No	Yes					
Reestablishes natural hydrology	No	Yes					
Creates or enhances habitat	No	Yes					
Community enhancement	No	Opportunities for other enhancements				Within DAC or MTC Community of Concern	

Table A-2. Prioritization Metrics for Regional Stormwater Capture Project Opportunities

Metric	Points						Weighting Factor
	0	1	2	3	4	5	
Parcel Land Use			Schools/Golf Courses	Public Buildings	Parking Lot	Park / Open Space	
Impervious Area (%)	$X < 40$	$40 \leq X < 50$	$50 \leq X < 60$	$60 \leq X < 70$	$70 \leq X < 80$	$80 \leq X < 100$	2
Parcel Size (acres)	$0.25 \leq X < 0.5$	$0.5 \leq X < 1$	$1 \leq X < 2$	$2 \leq X < 3$	$3 \leq X < 4$	$4 \leq X$	
Hydrologic Soil Group		C/D		B		A	
Slope (%)		$10 > X > 5$	$5 \geq X > 3$	$3 \geq X > 2$	$2 \geq X > 1$	$1 \geq X$	
Proximity to Storm Drain (feet)	$X > 1,000$	$1,000 \geq X > 500$		$500 \geq X > 200$		$200 \geq X$	
Within flood-prone storm drain catchments	No					Yes	
Contains PCB Interest Areas	None			Moderate		High	2
Within Priority Development Area	No					Yes	
Co-located with another agency project	No					Yes	
Augments water supply	No	Opportunity for capture and use				Above groundwater recharge area and not above groundwater contamination area	2
Water quality source control	No	Yes					
Reestablishes natural hydrology	No	Yes					
Creates or enhances habitat	No	Yes					
Community enhancement	No	Opportunities for other enhancements				Within DAC or MTC Community of Concern	

Table A-3. Prioritization Metrics for Green Street Project Opportunities

Metric	Points						Weighting Factor
	0	1	2	3	4	5	
Imperviousness (%)	$X < 40$	$40 \leq X < 50$	$50 \leq X < 60$	$60 \leq X < 70$	$70 \leq X < 80$	$80 \leq X < 100$	2
Hydrologic Soil Group		C/D		B		A	
Slope (%)		$5 > X > 4$	$4 \geq X > 3$	$3 \geq X > 2$	$2 \geq X > 1$	$1 \geq X > 0$	
Within flood-prone storm drain catchments	No					Yes	
Contains PCB Interest Areas	None			Moderate		High	2
Within Priority Development Area	No					Yes	
Co-located with another agency project	No					Yes	
Augments water supply	No	Opportunity for capture and use				Above groundwater recharge area and not above groundwater contamination area	2
Water quality source control	No	Yes					
Reestablishes natural hydrology	No	Yes					
Creates or enhances habitat	No	Yes					
Community enhancement	No	Opportunities for other enhancements				Within DAC or MTC Community of Concern	

Appendix B
City of Milpitas Street Segments and Parcels with
Opportunities for GSI

City of Milpitas
Potential Green Street Opportunities

Project Characteristics										Project Scoring												
Jurisdiction	Street Prefix	Street Name	Street Type	Address Start (Odd)	Address Start (Even)	Address End (Odd)	Address End (Even)	Specific Plan Areas	Project Name	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	Priority Development Area Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Reestablishes Natural Hydrology Score	Enhances Habitat Score	Community Enhancement Score	TOTAL SCORE
Milpitas		MINNIS	CIR	50	51	1398	1399		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	10	1	4	0	0	0	5	10	1	1	1	5	38
Milpitas		TRADE ZONE	BLVD	601	2130	699	2150	TASP	King Road Corridor Pedestrian Safety and BRT Enhancements	8	1	5	0	10	5	5	0	1	1	1	1	38
Milpitas		GARDEN	ST	801	0	869	0	TASP	S. Milpitas Blvd. Bike / Pedestrian Improvements	8	1	4	0	10	5	5	0	1	1	1	1	37
Milpitas	S	MILPITAS	BLVD	1424	1425	1558	1559	TASP	S. Milpitas Blvd. Bike / Pedestrian Improvements	8	1	4	0	10	5	5	0	1	1	1	1	37
Milpitas	N	MILPITAS	BLVD	1301	0	1409	0		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	8	1	5	0	0	0	5	10	1	1	1	5	37
Milpitas		MINNIS	CIR	2	1	48	49		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	8	1	5	0	0	0	5	10	1	1	1	5	37
Milpitas		MINNIS	CIR	0	0	0	0		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	8	1	5	0	0	0	5	10	1	1	1	5	37
Milpitas	N	MILPITAS	ST	1081	0	1199	0		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	8	1	4	0	10	0	5	0	1	1	1	5	36
Milpitas	S	MILPITAS	BLVD	0	0	0	0	TASP	S. Milpitas Blvd. Bike / Pedestrian Improvements	6	1	4	0	10	5	5	0	1	1	1	1	35
Milpitas	N	MILPITAS	BLVD	0	1300	0	1408		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	8	1	3	0	0	0	5	10	1	1	1	5	35
Milpitas		SB MILPITAS TO WB MONTAGUE	RAMP	0	0	0	0	TASP	S. Milpitas Blvd. Bike / Pedestrian Improvements	6	1	4	0	10	5	5	0	1	1	1	1	35

City of Milpitas
Potential Green Street Opportunities

Project Characteristics										Project Scoring												
Jurisdiction	Street Prefix	Street Name	Street Type	Address Start (Odd)	Address Start (Even)	Address End (Odd)	Address End (Even)	Specific Plan Areas	Project Name	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	Priority Development Area Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Reestablishes Natural Hydrology Score	Enhances Habitat Score	Community Enhancement Score	TOTAL SCORE
Milpitas	E	CAPITOL	AVE	0	500	0	748	TASP		10	1	4	0	10	5	0	0	1	1	1	1	34
Milpitas		GREAT MALL	PKWY	0	0	0	0	Midtown SP		10	1	4	0	10	5	0	0	1	1	1	1	34
Milpitas		JOURNEY	ST	0	0	0	0	TASP		10	1	4	0	10	5	0	0	1	1	1	1	34
Milpitas		MIDWICK	DR	1	2	49	48		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	6	1	4	0	0	0	5	10	1	1	1	5	34
Milpitas	N	MILPITAS	BLVD	0	1080	0	1198		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	8	1	2	0	10	0	5	0	1	1	1	5	34
Milpitas	N	MILPITAS	BLVD	0	1200	0	1298		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	6	1	4	0	0	0	5	10	1	1	1	5	34
Milpitas	S	MILPITAS	BLVD	0	0	0	0	TASP		10	1	4	0	10	5	0	0	1	1	1	1	34
Milpitas	N	MILPITAS	BLVD	1201	0	1299	0		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	6	1	4	0	0	0	5	10	1	1	1	5	34
Milpitas	S	MILPITAS	BLVD	1100	1101	1422	1423	TASP	S. Milpitas Blvd. Bike / Pedestrian Improvements	6	1	3	0	10	5	5	0	1	1	1	1	34
Milpitas	S	PARK VICTORIA	DR	2	1	28	29			10	1	5	0	0	0	0	10	1	1	1	5	34
Milpitas		PARK VICTORIA	DR	0	0	0	0			10	1	5	0	0	0	0	10	1	1	1	5	34
Milpitas		PIPER	DR	0	0	0	0	TASP		10	1	4	0	10	5	0	0	1	1	1	1	34
Milpitas	E	CALAVERAS	BLVD	0	1300	0	1348			10	1	4	0	0	0	0	10	1	1	1	5	33
Milpitas	E	CALAVERAS	BLVD	1001	0	1299	0			10	1	4	0	0	0	0	10	1	1	1	5	33
Milpitas	E	CALAVERAS	BLVD	0	1100	0	1298			10	1	4	0	0	0	0	10	1	1	1	5	33
Milpitas	E	CALAVERAS	BLVD	1301	0	1349	0			10	1	4	0	0	0	0	10	1	1	1	5	33
Milpitas		CALAVERAS	CT	1	2	99	98			10	1	4	0	0	0	0	10	1	1	1	5	33
Milpitas		HAMILTON	AVE	0	0	0	0		Strickroth Park Renovation, at end of Strickroth Dr.	8	1	5	0	0	0	5	10	1	1	1	1	33
Milpitas	S	MAIN	ST	1450	1451	1598	1599	Midtown SP		8	1	5	0	10	5	0	0	1	1	1	1	33
Milpitas	N	PARK VICTORIA	DR	1	2	49	48			10	1	4	0	0	0	0	10	1	1	1	5	33
Milpitas		PIPER	DR	0	0	0	0	TASP		8	1	5	0	10	5	0	0	1	1	1	1	33
Milpitas		AMES	AVE	701	700	1299	1298		S. Milpitas Blvd. Bike / Pedestrian Improvements	8	1	4	0	10	0	5	0	1	1	1	1	32

City of Milpitas
Potential Green Street Opportunities

Project Characteristics									Project Scoring												TOTAL SCORE	
Jurisdiction	Street Prefix	Street Name	Street Type	Address Start (Odd)	Address Start (Even)	Address End (Odd)	Address End (Even)	Specific Plan Areas	Project Name	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	Priority Development Area Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Reestablishes Natural Hydrology Score	Enhances Habitat Score		Community Enhancement Score
Milpitas	E	CAPITOL	AVE	0	750	0	798	TASP		8	1	4	0	10	5	0	0	1	1	1	1	32
Milpitas	E	CAPITOL	AVE	501	0	775	0	TASP		8	1	4	0	10	5	0	0	1	1	1	1	32
Milpitas		GARDEN	ST	0	0	0	0	TASP		8	1	4	0	10	5	0	0	1	1	1	1	32
Milpitas		GREAT MALL	PKWY	301	0	349	0	TASP		8	1	4	0	10	5	0	0	1	1	1	1	32
Milpitas		GREAT MALL	PKWY	0	0	0	0	Midtown SP		8	1	4	0	10	5	0	0	1	1	1	1	32
Milpitas	S	MAIN	ST	1200	1201	1238	1239	Midtown SP		8	1	4	0	10	5	0	0	1	1	1	1	32
Milpitas	S	MAIN	ST	1240	1241	1278	1279	Midtown SP		8	1	4	0	10	5	0	0	1	1	1	1	32
Milpitas		MIDWICK	DR	0	0	0	0		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	4	1	4	0	0	0	5	10	1	1	1	5	32
Milpitas	S	PARK VICTORIA	DR	30	31	138	139			8	1	5	0	0	0	0	10	1	1	1	5	32
Milpitas		PIPER	DR	1201	1200	1299	1298	TASP		8	1	4	0	10	5	0	0	1	1	1	1	32
Milpitas		TRADE ZONE	BLVD	0	0	0	0	TASP		8	1	4	0	10	5	0	0	1	1	1	1	32
Milpitas	E	CALAVERAS	BLVD	1351	1350	1399	1398			8	1	4	0	0	0	0	10	1	1	1	5	31
Milpitas		CLEAR LAKE	AVE	1401	1400	1549	1548		Sinnott Park Renovation, Clear Lake Ave.	8	1	3	0	0	0	5	10	1	1	1	1	31
Milpitas		DEMPSEY	RD	2	1	58	59			8	1	4	0	0	0	0	10	1	1	1	5	31
Milpitas		EDSEL	DR	1251	1250	1299	1298			8	1	4	0	0	0	0	10	1	1	1	5	31
Milpitas		LUNDY	PL	2401	2400	2499	2498	TASP		6	1	5	0	10	5	0	0	1	1	1	1	31
Milpitas		PIPER	DR	1301	1300	1399	1398	TASP		8	1	3	0	10	5	0	0	1	1	1	1	31
Milpitas		BELBROOK	PL	1200	1201	1298	1299		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	6	1	4	0	0	0	5	10	1	1	1	1	30
Milpitas		CANTERBURY	PL	601	600	799	798		Higuera Adobe Park	6	1	4	0	0	0	5	10	1	1	1	1	30
Milpitas		CLEAR LAKE	CT	1100	1101	1298	1299		Sinnott Park Renovation, Clear Lake Ave.	6	1	4	0	0	0	5	10	1	1	1	1	30
Milpitas		ESCUELA	PKWY	1081	1080	1199	1198		Sandalwood Park Renovation, Escuela Pkwy	6	1	4	0	0	0	5	10	1	1	1	1	30
Milpitas		GORDON	ST	1021	1020	1099	1098		Sandalwood Park Renovation, Escuela Pkwy	6	1	4	0	0	0	5	10	1	1	1	1	30
Milpitas		HAMILTON	AVE	931	930	1099	1098		Strickroth Park Renovation, at end of Strickroth Dr.	6	1	4	0	0	0	5	10	1	1	1	1	30

City of Milpitas
Potential Green Street Opportunities

Project Characteristics										Project Scoring												
Jurisdiction	Street Prefix	Street Name	Street Type	Address Start (Odd)	Address Start (Even)	Address End (Odd)	Address End (Even)	Specific Plan Areas	Project Name	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	Priority Development Area Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Reestablishes Natural Hydrology Score	Enhances Habitat Score	Community Enhancement Score	TOTAL SCORE
Milpitas		JACKLIN	RD	301	0	499	0		Strickroth Park Renovation, at end of Strickroth Dr.	6	1	4	0	0	0	5	10	1	1	1	1	30
Milpitas		JACKLIN	RD	0	150	0	298		Strickroth Park Renovation, at end of Strickroth Dr.	6	1	4	0	0	0	5	10	1	1	1	1	30
Milpitas		JACKLIN	RD	0	300	0	498		Strickroth Park Renovation, at end of Strickroth Dr.	6	1	4	0	0	0	5	10	1	1	1	1	30
Milpitas	S	MAIN	ST	1100	1101	1198	1199	Midtown SP		6	1	4	0	10	5	0	0	1	1	1	1	30
Milpitas		MARTIL	WAY	461	460	499	498		Strickroth Park Renovation, at end of Strickroth Dr.	6	1	4	0	0	0	5	10	1	1	1	1	30
Milpitas		MC CARTHY	BLVD	0	1811	0	1999		Montague Ex_Coyote	6	1	4	0	10	0	5	0	1	1	1	1	30
Milpitas		MC CARTHY	BLVD	1810	0	1998	0		Montague Ex_Coyote	6	1	4	0	10	0	5	0	1	1	1	1	30
Milpitas		MC CARTHY	BLVD	0	0	0	0		Montague Ex_Coyote	10	1	5	0	0	5	5	0	1	1	1	1	30
Milpitas		MIHALAKIS	ST	1	2	99	100	Midtown SP		10	1	5	0	10	0	0	0	1	1	1	1	30
Milpitas	S	MILPITAS	BLVD	300	301	738	739		S. Milpitas Blvd. Bike / Pedestrian Improvements	6	1	4	0	10	0	5	0	1	1	1	1	30
Milpitas		MORRILL	AVE	0	0	0	0			10	1	5	0	0	0	0	10	1	1	1	1	30
Milpitas		RUSSELL	LN	751	752	799	798		Sandalwood Park Renovation, Escuela Pkwy	6	1	4	0	0	0	5	10	1	1	1	1	30
Milpitas		SB MAIN TO WB GREAT MALL	RAMP	0	0	0	0	Midtown SP		6	1	4	0	10	5	0	0	1	1	1	1	30
Milpitas	E	TRADE ZONE	BLVD	0	0	0	0	TASP		6	1	4	0	10	5	0	0	1	1	1	1	30
Milpitas		VIENNA	DR	61	60	99	98		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	6	1	4	0	0	0	5	10	1	1	1	1	30

City of Milpitas
Potential Green Street Opportunities

Project Characteristics										Project Scoring												
Jurisdiction	Street Prefix	Street Name	Street Type	Address Start (Odd)	Address Start (Even)	Address End (Odd)	Address End (Even)	Specific Plan Areas	Project Name	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	Priority Development Area Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Reestablishes Natural Hydrology Score	Enhances Habitat Score	Community Enhancement Score	TOTAL SCORE
Milpitas		VIENNA	DR	1	2	59	58		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	6	1	4	0	0	0	5	10	1	1	1	1	30
Milpitas		WINSOR	ST	1	2	199	198	Midtown SP		10	1	5	0	10	0	0	0	1	1	1	1	30
Milpitas		ACADIA	AVE	1295	1300	1499	1498		Fire Station #2 Replacement, Yosemite Dr. at Park Victoria	6	1	3	0	0	0	5	10	1	1	1	1	29
Milpitas		BARON	PL	601	600	799	798		Higuera Adobe Park	6	1	3	0	0	0	5	10	1	1	1	1	29
Milpitas		BELBROOK	WAY	1101	1100	1219	1218		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	6	1	3	0	0	0	5	10	1	1	1	1	29
Milpitas		BELBROOK	WAY	1221	1220	1299	1298		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	6	1	3	0	0	0	5	10	1	1	1	1	29
Milpitas		BELBROOK	WAY	1301	1300	1399	1398		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	6	1	3	0	0	0	5	10	1	1	1	1	29
Milpitas		BIG BASIN	DR	1501	1500	1699	1698		Sinnott Park Renovation, Clear Lake Ave.	6	1	3	0	0	0	5	10	1	1	1	1	29
Milpitas	E	CALAVERAS	BLVD	1401	1400	1499	1498			6	1	4	0	0	0	0	10	1	1	1	5	29
Milpitas		CANTON	DR	1401	1400	1429	1428			6	1	4	0	0	0	0	10	1	1	1	5	29
Milpitas		CLEAR LAKE	AVE	1721	1722	1899	1898		Sinnott Park Renovation, Clear Lake Ave.	6	1	3	0	0	0	5	10	1	1	1	1	29
Milpitas		CLEAR LAKE	AVE	1551	1550	1659	1658		Sinnott Park Renovation, Clear Lake Ave.	6	1	3	0	0	0	5	10	1	1	1	1	29
Milpitas		EB LANDESS TO SB	RAMP	0	0	0	0			10	1	4	0	0	0	0	10	1	1	1	1	29
Milpitas		EDSEL	DR	1301	1300	1399	1398			6	1	4	0	0	0	0	10	1	1	1	5	29
Milpitas	S	GADSDEN	DR	2	1	58	59			6	1	4	0	0	0	0	10	1	1	1	5	29
Milpitas		LANDESS	AVE	1601	0	1649	0			10	1	4	0	0	0	0	10	1	1	1	1	29
Milpitas		LASSEN	AVE	1331	1330	1599	1598		Murphy Park Renovation, Yellowstone Ave.	6	1	3	0	0	0	5	10	1	1	1	1	29

City of Milpitas
Potential Green Street Opportunities

Project Characteristics										Project Scoring											TOTAL SCORE	
Jurisdiction	Street Prefix	Street Name	Street Type	Address Start (Odd)	Address Start (Even)	Address End (Odd)	Address End (Even)	Specific Plan Areas	Project Name	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	Priority Development Area Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Reestablishes Natural Hydrology Score	Enhances Habitat Score		Community Enhancement Score
Milpitas		LUNDY	PL	501	500	599	598	TASP		4	1	5	0	10	5	0	0	1	1	1	1	29
Milpitas	N	MAIN	ST	251	250	279	278	Midtown SP		10	1	4	0	10	0	0	0	1	1	1	1	29
Milpitas		MERCURY	CT	1401	1400	1499	1498			6	1	4	0	0	0	0	10	1	1	1	5	29
Milpitas		MILMONT	DR	0	0	0	0			6	1	4	0	10	0	0	0	1	1	1	5	29
Milpitas		MOUNT SHASTA	AVE	1407	1400	1599	1598		Sinnott Park Renovation, Clear Lake Ave.	6	1	3	0	0	0	5	10	1	1	1	1	29
Milpitas		NB MORRILL TO EB LANDESS	RAMP	0	0	0	0			10	1	4	0	0	0	0	10	1	1	1	1	29
Milpitas		OLYMPIC	DR	1341	1340	1599	1598		Murphy Park Renovation, Yellowstone Ave.	6	1	3	0	0	0	5	10	1	1	1	1	29
Milpitas	S	PARK VICTORIA	DR	140	141	348	349			6	1	4	0	0	0	0	10	1	1	1	5	29
Milpitas	N	PARK VICTORIA	DR	421	420	449	448		Sports Center Skate Park	6	1	3	0	0	0	5	10	1	1	1	1	29
Milpitas	N	PARK VICTORIA	DR	1841	1840	1869	1868		Higuera Adobe Park	6	1	3	0	0	0	5	10	1	1	1	1	29
Milpitas		RUSSELL	LN	0	0	0	0		Sandalwood Park Renovation, Escuela Pkwy	4	1	5	0	0	0	5	10	1	1	1	1	29
Milpitas		SUMMERWIND	WAY	1211	1210	1299	1298			6	1	4	0	10	0	0	0	1	1	1	5	29
Milpitas	N	TEMPLE	DR	1	2	99	98			6	1	4	0	0	0	0	10	1	1	1	5	29
Milpitas		YOSEMITE	DR	701	700	759	758		S. Milpitas Blvd. Bike / Pedestrian Improvements	6	1	3	0	10	0	5	0	1	1	1	1	29
Milpitas		YOSEMITE	DR	1421	1420	1579	1578			6	1	4	0	0	0	0	10	1	1	1	5	29
Milpitas		BALBOA	DR	100	101	148	149			6	1	3	0	10	0	0	0	1	1	1	5	28
Milpitas		BEAUMERE	WAY	101	100	299	298		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	4	1	4	0	0	0	5	10	1	1	1	1	28
Milpitas	E	CALAVERAS	BLVD	1701	1700	1899	1898			6	1	3	0	0	0	0	10	1	1	1	5	28
Milpitas	E	CALAVERAS	BLVD	1501	1500	1699	1698			6	1	3	0	0	0	0	10	1	1	1	5	28
Milpitas		CAMPBELL	ST	0	0	0	0			8	1	5	0	0	0	0	10	1	1	1	1	28
Milpitas		CANTON	DR	1331	1330	1399	1398			6	1	3	0	0	0	0	10	1	1	1	5	28
Milpitas		CANTON	DR	1201	1200	1279	1278			6	1	3	0	0	0	0	10	1	1	1	5	28
Milpitas		CARNEGIE	DR	160	151	198	209			6	1	3	0	0	0	0	10	1	1	1	5	28
Milpitas		CARNEGIE	DR	200	211	268	269			6	1	3	0	0	0	0	10	1	1	1	5	28
Milpitas		CARNEGIE	DR	270	271	328	329			6	1	3	0	0	0	0	10	1	1	1	5	28
Milpitas		CARNEGIE	DR	330	331	398	399			6	1	3	0	0	0	0	10	1	1	1	5	28

City of Milpitas
Potential Green Street Opportunities

Project Characteristics										Project Scoring												
Jurisdiction	Street Prefix	Street Name	Street Type	Address Start (Odd)	Address Start (Even)	Address End (Odd)	Address End (Even)	Specific Plan Areas	Project Name	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	Priority Development Area Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Reestablishes Natural Hydrology Score	Enhances Habitat Score	Community Enhancement Score	TOTAL SCORE
Milpitas		CLAUSER	DR	401	400	499	498		Strickroth Park Renovation, at end of Strickroth Dr.	4	1	4	0	0	0	5	10	1	1	1	1	28
Milpitas		CLEAR LAKE	AVE	1701	1700	1719	1712		Sinnott Park Renovation, Clear Lake Ave.	6	1	2	0	0	0	5	10	1	1	1	1	28
Milpitas		CLEAR LAKE	AVE	0	1714	0	1720		Sinnott Park Renovation, Clear Lake Ave.	4	1	4	0	0	0	5	10	1	1	1	1	28
Milpitas		COLUMBUS	DR	1201	1200	1299	1298		Sandalwood Park Renovation, Escuela Pkwy	4	1	4	0	0	0	5	10	1	1	1	1	28
Milpitas		CORINTHIA	DR	401	400	499	498		Strickroth Park Renovation, at end of Strickroth Dr.	4	1	4	0	0	0	5	10	1	1	1	1	28
Milpitas		CURTIS	AVE	0	0	0	0	Midtown SP		8	1	5	0	10	0	0	0	1	1	1	1	28
Milpitas		ESCUELA	PKWY	0	0	0	0			8	1	5	0	0	0	0	10	1	1	1	1	28
Milpitas		ESCUELA	PKWY	1231	0	1319	0		Sandalwood Park Renovation, Escuela Pkwy	4	1	4	0	0	0	5	10	1	1	1	1	28
Milpitas		ESCUELA	PKWY	0	0	0	0			8	1	5	0	0	0	0	10	1	1	1	1	28
Milpitas		FONTAINBLEU	AVE	1201	1200	1259	1258		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	4	1	4	0	0	0	5	10	1	1	1	1	28
Milpitas		FONTAINBLEU	AVE	1301	1300	1399	1398		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	4	1	4	0	0	0	5	10	1	1	1	1	28
Milpitas		FONTAINBLEU	CT	101	100	199	198		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	4	1	4	0	0	0	5	10	1	1	1	1	28
Milpitas		HAMMOND	WAY	601	600	699	698	Midtown SP		8	1	5	0	10	0	0	0	1	1	1	1	28
Milpitas		HAMMOND	WAY	601	600	699	698	Midtown SP		8	1	5	0	10	0	0	0	1	1	1	1	28
Milpitas		HEFLIN	ST	701	700	899	898		Sandalwood Park Renovation, Escuela Pkwy	4	1	4	0	0	0	5	10	1	1	1	1	28
Milpitas		JACKLIN	RD	1101	0	1199	0			8	1	5	0	0	0	0	10	1	1	1	1	28

City of Milpitas
Potential Green Street Opportunities

Project Characteristics										Project Scoring												TOTAL SCORE	
Jurisdiction	Street Prefix	Street Name	Street Type	Address Start (Odd)	Address Start (Even)	Address End (Odd)	Address End (Even)	Specific Plan Areas	Project Name	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	Priority Development Area Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Reestablishes Natural Hydrology Score	Enhances Habitat Score	Community Enhancement Score		
Milpitas		JACKLIN	RD	1201	0	1299	0			8	1	5	0	0	0	0	10	1	1	1	1	1	28
Milpitas		KIZER	ST	701	700	899	898		Sandalwood Park Renovation, Escuela Pkwy	4	1	4	0	0	0	5	10	1	1	1	1	1	28
Milpitas		LA PALMA	PL	801	800	999	998			8	1	5	0	0	0	0	10	1	1	1	1	1	28
Milpitas	N	MAIN	ST	101	100	199	198	Midtown SP		8	1	5	0	10	0	0	0	1	1	1	1	1	28
Milpitas	N	MAIN	ST	201	200	249	248	Midtown SP		8	1	5	0	10	0	0	0	1	1	1	1	1	28
Milpitas		MC CARTHY	BLVD	0	0	0	0		Montague Ex Coyote	8	1	5	0	0	5	5	0	1	1	1	1	1	28
Milpitas		MIDWICK	DR	51	50	89	88		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	4	1	4	0	0	0	5	10	1	1	1	1	1	28
Milpitas		MIDWICK	DR	91	90	299	298		Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.	4	1	4	0	0	0	5	10	1	1	1	1	1	28
Milpitas		MIHALAKIS	ST	0	0	0	0	Midtown SP		8	1	5	0	10	0	0	0	1	1	1	1	1	28
Milpitas	S	MILPITAS	BLVD	740	741	998	999		S. Milpitas Blvd. Bike / Pedestrian Improvements	4	1	4	0	10	0	5	0	1	1	1	1	1	28
Milpitas	N	PARK VICTORIA	DR	751	750	799	798			8	1	5	0	0	0	0	10	1	1	1	1	1	28
Milpitas	N	PARK VICTORIA	DR	1801	1800	1839	1838		Higuera Adobe Park	6	1	2	0	0	0	5	10	1	1	1	1	1	28
Milpitas	N	PARK VICTORIA	DR	261	260	419	418		Sports Center Skate Park	4	1	4	0	0	0	5	10	1	1	1	1	1	28
Milpitas	N	PARK VICTORIA	DR	1741	1740	1799	1798		Higuera Adobe Park	6	1	2	0	0	0	5	10	1	1	1	1	1	28
Milpitas		PERRY	ST	100	101	298	299			6	1	3	0	0	0	0	10	1	1	1	1	5	28
Milpitas		PRADA	CT	1301	1300	1399	1398		Sports Center Skate Park	4	1	4	0	0	0	5	10	1	1	1	1	1	28
Milpitas		RODRIGUES	AVE	100	101	298	299			6	1	3	0	0	0	0	10	1	1	1	1	5	28
Milpitas		RUSSELL	LN	701	700	749	750		Sandalwood Park Renovation, Escuela Pkwy	4	1	4	0	0	0	5	10	1	1	1	1	1	28
Milpitas		SONOMA	DR	1401	1400	1599	1598		Sinnott Park Renovation, Clear Lake Ave.	6	1	2	0	0	0	5	10	1	1	1	1	1	28
Milpitas	S	TEMPLE	DR	2	1	38	39			6	1	3	0	0	0	0	10	1	1	1	1	5	28

City of Milpitas
Potential Green Street Opportunities

Project Characteristics										Project Scoring												
Jurisdiction	Street Prefix	Street Name	Street Type	Address Start (Odd)	Address Start (Even)	Address End (Odd)	Address End (Even)	Specific Plan Areas	Project Name	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	Priority Development Area Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Reestablishes Natural Hydrology Score	Enhances Habitat Score	Community Enhancement Score	TOTAL SCORE
Milpitas		UNNAMED STREET		0	0	0	0		Sinnott Park Renovation, Clear Lake Ave.	4	1	4	0	0	0	5	10	1	1	1	1	28
Milpitas		WELLER	LN	100	101	198	199	Midtown SP		8	1	5	0	10	0	0	0	1	1	1	1	28
Milpitas		YOSEMITE	DR	1731	1730	1779	1778			6	1	3	0	0	0	0	10	1	1	1	5	28
Milpitas		YOSEMITE	DR	501	500	699	698		S. Milpitas Blvd. Bike / Pedestrian Improvements	4	1	4	0	10	0	5	0	1	1	1	1	28

City of Milpitas
Potential Parcel-based GSI Opportunities

Project Characteristics				Project Scoring													
APN	Owner	Co-located Project	Specific Plan Areas	Land Use Score	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	PDA Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Re-established Natural Habitat Score	Enhances Habitat Score	Community Score	TOTAL SCORE
2202047	City of Milpitas			4	10	1	4	0	10	0	0	10	1	1	0	5	46
2824044	City of Milpitas		Midtown SP	4	10	1	5	0	10	0	0	2	1	1	0	1	35
2834089	City of Milpitas		Midtown SP	4	10	1	5	0	10	0	0	2	1	1	0	1	35
2613033	City of Milpitas	Fire Station #3 Replacement, N. Milpitas Blvd. at Midwick Dr.		4	8	1	4	0	0	0	5	10	1	1	0	1	35
2824039	City of Milpitas		Midtown SP	4	10	1	5	0	10	0	0	2	1	1	0	1	35
2834055	City of Milpitas		Midtown SP	3	10	1	5	0	10	0	0	2	1	1	0	1	34
2834021	City of Milpitas		Midtown SP	3	10	1	5	0	10	0	0	2	1	1	0	1	34
2834058	City of Milpitas		Midtown SP	4	10	1	4	0	10	0	0	2	1	1	0	1	34
2834052	City of Milpitas		Midtown SP	3	10	1	5	0	10	0	0	2	1	1	0	1	34
2834028	City of Milpitas		Midtown SP	3	10	1	5	0	10	0	0	2	1	1	0	1	34
2834029	City of Milpitas		Midtown SP	3	10	1	5	0	10	0	0	2	1	1	0	1	34
2834068	City of Milpitas		Midtown SP	3	10	1	5	0	10	0	0	2	1	1	0	1	34
2834016	City of Milpitas		Midtown SP	4	10	1	3	0	10	0	0	2	1	1	0	1	33
8649050	City of Milpitas			4	8	1	4	0	10	0	0	2	1	1	0	1	32
8642023	City of Milpitas			4	8	1	4	0	10	0	0	2	1	1	0	1	32
2834047	City of Milpitas		Midtown SP	3	10	1	3	0	10	0	0	2	1	1	0	1	32
2834062	City of Milpitas		Midtown SP	3	10	1	3	0	10	0	0	2	1	1	0	1	32
2834002	City of Milpitas		Midtown SP	3	10	1	3	0	10	0	0	2	1	1	0	1	32
2834075	City of Milpitas		Midtown SP	3	10	1	3	0	10	0	0	2	1	1	0	1	32
2834010	City of Milpitas		Midtown SP	3	10	1	3	0	10	0	0	2	1	1	0	1	32
2834041	City of Milpitas		Midtown SP	3	10	1	3	0	10	0	0	2	1	1	0	1	32
2834018	City of Milpitas		Midtown SP	3	10	1	2	0	10	0	0	2	1	1	0	1	31
2834004	City of Milpitas		Midtown SP	3	10	1	2	0	10	0	0	2	1	1	0	1	31
8652015	City of Milpitas			4	6	1	4	0	10	0	0	2	1	1	0	1	30
2834035	City of Milpitas		Midtown SP	3	8	1	3	0	10	0	0	2	1	1	0	1	30

City of Milpitas
Potential Parcel-based GSI Opportunities

Project Characteristics				Project Scoring													
APN	Owner	Co-located Project	Specific Plan Areas	Land Use Score	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	PDA Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Re-established Natural Habitat Score	Enhances Habitat Score	Community Score	TOTAL SCORE
8802026	City of Milpitas	Fire Station #2 Replacement, Yosemite Dr. at Park Victoria		4	6	1	4	0	0	0	5	2	1	1	0	5	29
2823015	City of Milpitas			4	8	1	1	0	10	0	0	2	1	1	0	1	29
2243100	City of Milpitas			4	4	1	4	0	10	0	0	2	1	1	0	1	28
2618003	Milpitas School District	Sandalwood Park Renovation, Escuela Pkwy		2	4	1	3	0	0	0	5	10	1	1	0	1	28
8823019	City of Milpitas	Sinnott Park Renovation, Clear Lake Ave.		4	0	1	4	0	0	0	5	10	1	1	0	1	27
2816067	City of Milpitas	Strickroth Park Renovation, at end of Strickroth Dr.		4	0	1	4	0	0	0	5	10	1	1	0	1	27
2619088	City of Milpitas	Sandalwood Park Renovation, Escuela Pkwy		4	2	1	2	0	0	0	5	10	1	1	0	1	27
8812054	Milpitas School District			2	4	1	3	0	0	0	0	10	1	1	0	5	27
8602049	City of Milpitas			4	8	5	4	0	0	0	0	2	1	1	0	1	26
8829061	City of Milpitas	Murphy Park Renovation, Yellowstone Ave.		4	0	1	3	0	0	0	5	10	1	1	0	1	26
2909050	City of Milpitas			4	4	1	4	0	0	0	0	10	1	1	0	1	26
2917010	City of Milpitas	Sports Center Skate Park		4	0	1	3	0	0	0	5	10	1	1	0	1	26

City of Milpitas
Potential Parcel-based GSI Opportunities

Project Characteristics				Project Scoring													TOTAL SCORE
APN	Owner	Co-located Project	Specific Plan Areas	Land Use Score	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	PDA Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Re-established Natural Habitat Score	Enhances Habitat Score	Community Score	
8806001	Milpitas School District			2	2	1	4	0	0	0	0	10	1	1	0	5	26
2917002	Milpitas School District			2	6	1	4	0	0	0	0	10	1	1	0	1	26
8602086	City of Milpitas			4	6	1	4	0	0	5	0	2	1	1	0	1	25
8812053	City of Milpitas			4	0	1	3	0	0	0	0	10	1	1	0	5	25
2949001	City of Milpitas	Higuera Adobe Park		4	0	1	2	0	0	0	5	10	1	1	0	1	25
2621004	City of Milpitas	Sandalwood Park Renovation, Escuela Pkwy		4	0	1	2	0	0	0	5	10	1	1	0	1	25
2231029	City of Milpitas		Midtown SP	4	4	1	1	0	10	0	0	2	1	1	0	1	25
8612010	City of Milpitas		Midtown SP	4	6	1	3	0	0	5	0	2	1	1	0	1	24
8803051	City of Milpitas			4	6	1	4	0	0	0	0	2	1	1	0	5	24
2610028	City of Milpitas			4	4	1	2	0	0	0	0	10	1	1	0	1	24
8824005	Milpitas School District	Sinnott Park Renovation, Clear Lake Ave.		2	0	1	3	0	0	0	5	10	1	1	0	1	24
8807061	Milpitas School District	Murphy Park Renovation, Yellowstone Ave.		2	0	1	3	0	0	0	5	10	1	1	0	1	24
8606012	Milpitas School District		Midtown SP	2	8	5	4	0	0	0	0	2	1	1	0	1	24
8636023	City of Milpitas		TASP	4	4	1	4	0	0	5	0	2	1	1	0	1	23
2208003	City of Milpitas		Midtown SP	4	8	1	4	0	0	0	0	2	1	1	0	1	22
2804002	City of Milpitas			4	2	1	2	0	0	0	0	10	1	1	0	1	22
8606011	Milpitas School District			2	10	1	4	0	0	0	0	2	1	1	0	1	22
8601023	City of Milpitas			4	0	5	2	5	0	0	0	2	1	1	0	1	21
8611008	City of Milpitas		Midtown SP	4	6	1	5	0	0	0	0	2	1	1	0	1	21
8820130	City of Milpitas			4	2	1	1	0	0	0	0	10	1	1	0	1	21
2225046	City of Milpitas			4	8	1	3	0	0	0	0	2	1	1	0	1	21

City of Milpitas
Potential Parcel-based GSI Opportunities

Project Characteristics				Project Scoring													
APN	Owner	Co-located Project	Specific Plan Areas	Land Use Score	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	PDA Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Re-established Natural Habitat Score	Enhances Habitat Score	Community Score	TOTAL SCORE
8822005	City of Milpitas			4	0	1	3	0	0	0	0	10	1	1	0	1	21
8838092	City of Milpitas			4	0	1	3	0	0	0	0	10	1	1	0	1	21
2806040	City of Milpitas			4	0	1	3	0	0	0	0	10	1	1	0	1	21
2812023	City of Milpitas	City Hall		4	8	1	3	0	0	0	0	2	1	1	0	1	21
2226001	Milpitas School District	Starlite Park Renovation, Abbott Ave. at Rudyard Dr.		2	4	1	4	0	0	0	5	2	1	1	0	1	21
2921022	Milpitas School District			2	2	1	3	0	0	0	0	10	1	1	0	1	21
2626001	Milpitas School District			2	2	1	3	0	0	0	0	10	1	1	0	1	21
8610025	City of Milpitas		Midtown SP	4	6	1	4	0	0	0	0	2	1	1	0	1	20
8821065	City of Milpitas			4	0	1	2	0	0	0	0	10	1	1	0	1	20
2230035	City of Milpitas			4	2	5	4	0	0	0	0	2	1	1	0	1	20
2227001	City of Milpitas	Starlite Park Renovation, Abbott Ave. at Rudyard Dr.		4	0	1	4	0	0	0	5	2	1	1	0	1	19
2205079	City of Milpitas			4	4	1	5	0	0	0	0	2	1	1	0	1	19
2213001	City of Milpitas			4	6	1	3	0	0	0	0	2	1	1	0	1	19
2811032	City of Milpitas			4	6	1	2	0	0	0	0	2	1	1	0	1	18
8618049	Milpitas School District			2	6	1	4	0	0	0	0	2	1	1	0	1	18
8603096	City of Milpitas			4	2	1	4	0	0	0	0	2	1	1	0	1	16
8651012	City of Milpitas			4	2	1	4	0	0	0	0	2	1	1	0	1	16
2224006	City of Milpitas		Midtown SP	4	2	1	4	0	0	0	0	2	1	1	0	1	16
8604072	City of Milpitas			4	0	1	4	0	0	0	0	2	1	1	0	1	14
8604073	City of Milpitas			4	0	1	4	0	0	0	0	2	1	1	0	1	14
2811035	City of Milpitas			4	0	1	4	0	0	0	0	2	1	1	0	1	14
2203001	Milpitas School District			2	2	1	4	0	0	0	0	2	1	1	0	1	14
8832079	City of Milpitas			4	0	1	3	0	0	0	0	2	1	1	0	1	13

City of Milpitas
Potential Parcel-based GSI Opportunities

Project Characteristics				Project Scoring													
APN	Owner	Co-located Project	Specific Plan Areas	Land Use Score	Impervious Score	Soil Group Score	Slope Score	Flood-prone Catchment Score	PCB Area Score	PDA Score	Co-located Project Score	Augments Water Supply Score	WQ Source Control Score	Re-established Natural Habitat Score	Enhances Habitat Score	Community Score	TOTAL SCORE
2820002	City of Milpitas			0	4	1	3	0	0	0	0	2	1	1	0	1	13
2203030	City of Milpitas			4	0	1	2	0	0	0	0	2	1	1	0	1	12

Appendix C

Guidance for Identifying Green Infrastructure Potential in Municipal Capital Improvement Program Projects

BASMAA Development Committee

Guidance for Identifying Green Infrastructure Potential
in Municipal Capital Improvement Program Projects
May 6, 2016

Background

In the recently reissued [Municipal Regional Stormwater Permit](#) (“MRP 2.0”), Provision C.3.j. requires Permittees to develop and implement Green Infrastructure Plans to reduce the adverse water quality impacts of urbanization on receiving waters over the long term. Provisions C.11 and C.12 require the Permittees to reduce discharges of Mercury and PCBs, and portion of these load reductions must be achieved by implementing Green Infrastructure. Specifically, Permittees collectively must implement Green Infrastructure to reduce mercury loading by 48 grams/year and PCB loading by 120 grams/year by 2020, and plan for substantially larger reductions in the following decades. Green Infrastructure on both public and private land will help to meet these load reduction requirements, improve water quality, and provide multiple other benefits as well. Implementation on private land is achieved by implementing stormwater requirements for new development and redevelopment (Provision C.3.a. through Provision C.3.i.). These requirements were carried forward, largely unchanged, from MRP 1.0.

MRP 2.0 defines Green Infrastructure as:

Infrastructure that uses vegetation, soils, and natural processes to manage water and create healthier urban environments. At the scale of a city or county, green infrastructure refers to the patchwork of natural areas that provides habitat, flood protection, cleaner air, and cleaner water. At the scale of a neighborhood or site, green infrastructure refers to stormwater management systems that mimic nature by soaking up and storing water.

In practical terms, most green infrastructure will take the form of diverting runoff from existing streets, roofs, and parking lots to one of two stormwater management strategies:

1. Dispersal to vegetated areas, where sufficient landscaped area is available and slopes are not too steep.
2. LID (bioretention and infiltration) facilities, built according to criteria similar to those currently required for regulated private development and redevelopment projects under Provision C.3.

In some cases, the use of tree-box-type biofilters may be appropriate¹. In other cases, where conditions are appropriate, existing impervious pavements may be removed and replaced with pervious pavements.

In MRP 2.0, Provision C.3.j. includes requirements for Green Infrastructure planning and implementation. Provision C.3.j. has two main elements to be implemented by municipalities:

1. Preparation of a Green Infrastructure Plan for the inclusion of LID drainage design into storm drain infrastructure on public and private land, including streets, roads, storm drains, etc.
2. Early implementation of green infrastructure projects (“no missed opportunities”),

This guidance addresses the second of these requirements. The intent of the “no missed opportunities” requirement is to ensure that no major infrastructure project is built without assessing the opportunity for incorporation of green infrastructure features.

Provision C.3.j.ii. requires that each Permittee prepare and maintain a list of green infrastructure projects, public and private, that are already planned for implementation during the permit term (not including C.3-regulated projects), and infrastructure projects planned for

¹ Standard proprietary tree-box-type biofilters are considered to be non-LID treatment and will only be allowed under certain circumstances. Guidance on use and sizing of these facilities will be provided in a separate document.

implementation during the permit term that have potential for green infrastructure measures. The list must be submitted with each Annual Report, including:

“... a summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practical during the permit term. For any public infrastructure project where implementation of green infrastructure measures is not practicable, submit a brief description for the project and the reasons green infrastructure measures were impracticable to implement”.

This requirement has no specified start date; “during the permit term” means beginning January 1, 2016 and before December 31, 2020. The first Annual Report submittal date will be September 30, 2016.

Note that this guidance primarily addresses the review of proposed or planned public projects for green infrastructure opportunities. The Permittee may also be aware of proposed or planned private projects, not subject to LID treatment requirements, that may have the opportunity to incorporate green infrastructure. These should be addressed in the same way as planned public projects, as described below.

Procedure for Review of Planned Public Projects and Annual Reporting

The municipality’s Capital Improvement Program (CIP) project list provides a good starting point for review of proposed public infrastructure projects. Review of other lists of public infrastructure projects, such as those proposed within separately funded special districts (e.g., lighting and landscape districts, maintenance districts, and community facilities districts), may also be appropriate. This section describes a two-part procedure for conducting the review.

Part 1 – Initial Screening

The first step in reviewing a CIP or other public project list is to screen out certain types of projects from further consideration. For example, some projects (e.g., interior remodels, traffic signal replacement) can be readily identified as having no green infrastructure potential. Other projects may appear on the list with only a title, and it may be too early to identify whether green infrastructure could be included. Still others have already progressed past the point where the design can reasonably be changed (this will vary from project to project, depending on available budget and schedule).

Some “projects” listed in a CIP may provide budget for multiple maintenance or minor construction projects throughout the jurisdiction or a portion of the jurisdiction, such as a tree planting program, curb and sidewalk repair/upgrade, or ADA curb/ramp compliance. It is recommended that these types of projects not be included in the review process described herein. The priority for incorporating green infrastructure into these types of projects needs to be assessed as part of the Permittees’ development of Green Infrastructure Plans, and standard details and specifications need to be developed and adopted. During this permit term, Permittees will evaluate select projects, project types, and/or groups of projects as case studies and develop an approach as part of Green Infrastructure planning.

The projects removed through the initial screening process do not need to be reported to the Water Board in the Permittee’s Annual Report. However, the process should be documented and records kept as to the reason the project was removed from further consideration. Note that projects that were determined to be too early to assess will need to be reassessed during the next fiscal year’s review.

The following categories of projects may be screened out of the review process in a given fiscal year:

1. **Projects with No Potential** - The project is identified in initial screening as having no green infrastructure potential based on the type of project. For example, the project does not include any exterior work. Attachment 1 provides a suggested list of such projects that Permittees may use as a model for their own internal process.

2. **Projects Too Early to Assess** – There is not yet enough information to assess the project for green infrastructure potential, or the project is not scheduled to begin design within the permit term (January 2016 – December 2020). If the project is scheduled to begin within the permit term, an assessment will be conducted if and when the project moves forward to conceptual design.
3. **Projects Too Late to Change** – The project is under construction or has moved to a stage of design in which changes cannot be made. The stage of design at which it is too late to incorporate green infrastructure measures varies with each project, so a “percent-complete” threshold has not been defined. Some projects may have funding tied to a particular conceptual design and changes cannot be made even early in the design process, while others may have adequate budget and time within the construction schedule to make changes late in the design process. Agencies will need to make judgments on a case-by-case basis.
4. **Projects Consisting of Maintenance or Minor Construction Work Orders** – The “project” includes budgets for multiple maintenance or minor construction work orders throughout the jurisdiction or a portion of the jurisdiction. These types of projects will not be individually reviewed for green infrastructure opportunity but will be considered as part of a municipality’s Green Infrastructure Plan.

Part 2 – Assessment of Green Infrastructure Potential

After the initial screening, the remaining projects either already include green infrastructure or will need to go through an assessment process to determine whether or not there is potential to incorporate green infrastructure. A recommended process for conducting the assessment is provided later in this guidance. As a result of the assessment, the project will fall into one of the following categories with associated annual reporting requirements. Attachment 2 provides the relevant pages of the FY 15-16 Annual Report template for reference.

- **Project is a C.3-regulated project and will include LID treatment.**

Reporting: Follow current C.3 guidance and report the project in Table C.3.b.iv.(2) of the Annual Report for the fiscal year in which the project is approved.

- **Project already includes green infrastructure and is funded.**

Reporting: List the project in “Table B-Planned Green Infrastructure Projects” in the Annual Report, indicate the planning or implementation status, and describe the green infrastructure measures to be included.

- **Project may have green infrastructure potential** pending further assessment of feasibility, incremental cost, and availability of funding.

Reporting: If the feasibility assessment is not complete and/or funding has not been identified, list the project in “Table A-Public Projects Reviewed for Green Infrastructure” in the Annual Report. In the “GI Included?” column, state either “TBD” (to be determined) if the assessment is not complete, or “Yes” if it has been determined that green infrastructure is feasible. In the rightmost column, describe the green infrastructure measures considered and/or proposed, and note the funding and other contingencies for inclusion of green infrastructure in the project. Once funding for the project has been identified, the project should be moved to “Table B-Planned Green Infrastructure Projects” in future Annual Reports.

- **Project does not have green infrastructure potential.** A project-specific assessment has been completed, and Green Infrastructure is impracticable.

Reporting: In the Annual Report, list the project in “Table A-Public Projects Reviewed for Green Infrastructure”. In the “GI Included?” column, state “No.” Briefly state the reasons for the determination in the rightmost column. Prepare more detailed documentation of the reasons for the determination and keep it in the project files.

Process for Assessing Green Infrastructure Potential of a Public Infrastructure Project

Initial Assessment of Green Infrastructure Potential

Consider opportunities that may be associated with:

- Alterations to roof drainage from existing buildings
- New or replaced pavement or drainage structures (including gutters, inlets, or pipes)
- Concrete work
- Landscaping, including tree planting
- Streetscape improvements and intersection improvements (other than signals)

Step 1: Information Collection/Reconnaissance

For projects that include alterations to building drainage, identify the locations of roof leaders and downspouts, and where they discharge or where they are connected to storm drains.

For street and landscape projects:

- Evaluate potential opportunities to substitute pervious pavements for impervious pavements.
- Identify and locate drainage structures, including storm drain inlets or catch basins.
- Identify and locate drainage pathways, including curb and gutter.

Identify landscaped areas and paved areas that are adjacent to, or down gradient from, roofs or pavement. These are potential facility locations. *If there are any such locations, continue to the next step.* Note that the project area boundaries may be, but are not required to be, expanded to include potential green infrastructure facilities.

Step 2: Preliminary Sizing and Drainage Analysis

Beginning with the potential LID facility locations that seem most feasible, identify possible pathways to direct drainage from roofs and/or pavement to potential LID facility locations—by sheet flow, valley gutters, trench drains, or (where gradients are steeper) via pipes, based on existing grades and drainage patterns. Where existing grades constrain natural drainage to potential facilities, the use of pumps may be considered (as a less preferable option).

Delineate (roughly) the drainage area tributary to each potential LID facility location. Typically, this requires site reconnaissance, which may or may not include the use of a level to measure relative elevations.

Use the following preliminary sizing factor (facility area/tributary area) for the potential facility location and determine which of the following could be constructed within the existing right-of-way or adjacent vacant land. Note that these sizing factors are guidelines (not strict rules, but targets):

- Sizing factor ≥ 0.5 for dispersal to landscape or pervious pavement² (i.e., a maximum 2:1 ratio of impervious area to pervious area)
- Sizing factor ≥ 0.04 for bioretention
- Sizing factor ≥ 0.004 (or less) for tree-box-type biofilters

For bioretention facilities requiring underdrains and tree-box-type biofilters, note if there are potential connections from the underdrain to the storm drain system (typically 2.0 feet below soil surface for bioretention facilities, and 3.5 feet below surface for tree-box-type biofilters).

² Note that pervious pavement systems are typically designed to infiltrate only the rain falling on the pervious pavement itself, with the allowance for small quantities of runoff from adjacent impervious areas. If significant runoff from adjacent areas is anticipated, preliminary sizing considerations should include evaluation of the depth of drain rock layer needed based on permeability of site soils.

If, in this step, you have confirmed there may be feasible potential facility locations, *continue to the next step.*

Step 3: Barriers and Conflicts

Note that barriers and conflicts do not necessarily mean implementation is infeasible; however, they need to be identified and taken into account in future decision-making, as they may affect cost or public acceptance of the project.

Note issues such as:

- Confirmed or potential conflicts with subsurface utilities
- Known or unknown issues with property ownership, or need for acquisition or easements
- Availability of water supply for irrigation, or lack thereof
- Extent to which green infrastructure is an “add on” vs. integrated with the rest of the project

Step 4: Project Budget and Schedule

Consider sources of funding that may be available for green infrastructure. It is recognized that lack of budget may be a serious constraint for the addition of green infrastructure in public projects. For example, acquisition of additional right-of-way or easements for roadway projects is not always possible. Short and long term maintenance costs also need to be considered, and jurisdictions may not have a funding source for landscape maintenance, especially along roadways. The objective of this process is to identify opportunities for green infrastructure, so that if and when funding becomes available, implementation may be possible.

Note any constraints on the project schedule, such as a regulatory mandate to complete the project by a specific date, grant requirements, etc., that could complicate aligning a separate funding stream for the green infrastructure element. Consider whether cost savings could be achieved by integrating the project with other planned projects, such as pedestrian or bicycle safety improvement projects, street beautification, etc., if the schedule allows.

Step 5: Assessment—Does the Project Have Green Infrastructure Potential?

Consider the ancillary benefits of green infrastructure, including opportunities for improving the quality of public spaces, providing parks and play areas, providing habitat, urban forestry, mitigating heat island effects, aesthetics, and other valuable enhancements to quality of life.

Based on the information above, would it make sense to include green infrastructure into this project—if funding were available for the potential incremental costs of including green infrastructure in the project? Identify any additional conditions that would have to be met for green infrastructure elements to be constructed consequent with the project.

Attachment 1

Examples of Projects with No Potential for Green Infrastructure

- Projects with no exterior work (e.g., interior remodels)
- Projects involving exterior building upgrades or equipment (e.g., HVAC, solar panels, window replacement, roof repairs and maintenance)
- Projects related to development and/or continued funding of municipal programs or related organizations
- Projects related to technical studies, mapping, aerial photography, surveying, database development/upgrades, monitoring, training, or update of standard specs and details
- Construction of new streetlights, traffic signals or communication facilities
- Minor bridge and culvert repairs/replacement
- Non-stormwater utility projects (e.g., sewer or water main repairs/replacement, utility undergrounding, treatment plant upgrades)
- Equipment purchase or maintenance (including vehicles, street or park furniture, equipment for sports fields and golf courses, etc.)
- Irrigation system installation, upgrades or repairs

Attachment 2

**Excerpts from the C.3 Section of the FY 15-16 Annual Report Template:
Tables for Reporting C.3-Regulated Projects and Green Infrastructure Projects**

Permittee Name: _____

**C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 1) –
Projects Approved During the Fiscal Year Reporting Period**

Project Name Project No.	Project Location ⁹ , Street Address	Name of Developer	Project Phase No. ¹⁰	Project Type & Description ¹¹	Project Watershed ¹²	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹³	Total Replaced Impervious Surface Area (ft ²) ¹⁴	Total Pre-Project Impervious Surface Area ¹⁵ (ft ²)	Total Post-Project Impervious Surface Area ¹⁶ (ft ²)
Private Projects											
Public Projects											
Comments:											
Guidance: If necessary, provide any additional details or clarifications needed about listed projects in this box. Do not leave any cells blank.											

⁹Include cross streets

¹⁰If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

¹¹Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.

¹²State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

¹³All impervious surfaces added to any area of the site that was previously existing pervious surface.

¹⁴All impervious surfaces added to any area of the site that was previously existing impervious surface.

¹⁵For redevelopment projects, state the pre-project impervious surface area.

¹⁶For redevelopment projects, state the post-project impervious surface area.

Permittee Name: _____

C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (public projects)

Project Name Project No.	Approval Date ²⁹	Date Construction Scheduled to Begin	Source Control Measures ³⁰	Site Design Measures ³¹	Treatment Systems Approved ³²	Operation & Maintenance Responsibility Mechanism ³³	Hydraulic Sizing Criteria ³⁴	Alternative Compliance Measures ^{35/36}	Alternative Certification ³⁷	HM Controls ^{38/39}
Public Projects										
Comments: Guidance: If necessary, provide any additional details or clarifications needed about listed projects in this box. Note that MRP Provision C.3.c. contains specific requirements for LID site design and source control measures, as well as treatment measures, for <u>all</u> Regulated Projects. Entries in these columns should not be "None" or "NA". Do not leave any cells blank.										

²⁹For public projects, enter the plans and specifications approval date.

³⁰List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

³¹List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

³²List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

³³List the legal mechanism(s) (e.g., maintenance plan for O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

³⁴See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

³⁵For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

³⁶For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

³⁷Note whether a third party was used to certify the project design complies with Provision C.3.d.

³⁸If HM control is not required, state why not.

³⁹If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

Permittee Name: _____

C.3.j.ii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure

Project Name and Location ⁴³	Project Description	Status ⁴⁴	GI Included? ⁴⁵	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement ⁴⁶
EXAMPLE: Storm drain retrofit, Stockton and Taylor	Installation of new storm drain to accommodate the 10-yr storm event	Beginning planning and design phase	TBD	Bioretention cells (i.e., linear bulb-outs) will be considered when street modification designs are incorporated

C.3.j.ii.(2) ► Table B - Planned Green Infrastructure Projects

Project Name and Location ⁴⁷	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
EXAMPLE: Martha Gardens Green Alleys Project	Retrofit of degraded pavement in urban alleyways lacking good drainage	Construction completed October 17, 2015	The project drains replaced concrete pavement and existing adjacent structures to a center strip of pervious pavement and underlying infiltration trench.

⁴³ List each public project that is going through your agency’s process for identifying projects with green infrastructure potential.

⁴⁴ Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

⁴⁵ Enter “Yes” if project will include GI measures, “No” if GI measures are impracticable to implement, or “TBD” if this has not yet been determined.

⁴⁶ Provide a summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. If review of the project indicates that implementation of green infrastructure measures is not practicable, provide the reasons why green infrastructure measures are impracticable to implement.

⁴⁷ List each planned (and expected to be funded) public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. Note that funding for green infrastructure components may be anticipated but is not guaranteed to be available or sufficient.