

Restoration Projects To Be Planned, Designed, and/or Constructed From The End Of 4th Generation Permit Through CY 2028

Remaining Unmet Restoration Obligation from Previous Permit (Impervious Acres):

REST BMP ID	REST BMP TYPE ¹	BMP CLASS ¹	PERMANENT OR ANNUAL BMP	NUM BMP	DRAIN-AGE AREA (acres)	PE (inches)	LENGTH RESTORED (feet)/LANE MILES (miles)/MASS LOADING (lbs)	TP REDUCTION (lbs/year)	TSS REDUCTION (lbs/year)	TN ⁵ REDUCTION (lbs/year)	IMP ACRES (IA)	GREEN STORMWATER INFRASTRUCTURE (GSI) CREDIT (IA X 0.35)	WATERSHED MANAGEMENT (WM) CREDIT	TOTAL IMP ACRES (W/ GSI AND WM CREDITS)	IMPLEMENTATION COST	IMPLEMENTATION STATUS ²	PROJECTED IMPLEMENTATION YEAR	TMDL PARAMETER OR WQ OBJECTIVE ADDRESSED	GENERAL COMMENTS ⁷
Remaining Unmet Restoration Obligations from Previous Permit																			
Annual Operational Programs (Unmet Obligations from Previous Permit)^{3, 4}																			
Street Sweeping*		A	ANNUAL											0					
		A	ANNUAL											0					
		A	ANNUAL											0					
		A	ANNUAL											0					
		A	ANNUAL											0					
		A	ANNUAL											0					
Catch Basin		A	ANNUAL											0					
		A	ANNUAL											0					
		A	ANNUAL											0					
		A	ANNUAL											0					
		A	ANNUAL											0					
Septic Sytem Pumping		A												0					
		A												0					
		A												0					
		A												0					
		A												0					
Subtotal Operations ³				0				0	0	0	0			0	\$0				
Capital Projects (Unmet Obligations from Previous Permit Term)																			
														0					
														0					
														0					
														0					
Subtotal Capital				0				0	0	0	0	0	0	0	\$0				
Other (Unmet Obligations from Previous Permit Term)																			
														0					
														0					
Subtotal Other				0				0	0	0	0	0	0	0	\$0				
Total of Remaining Obligations from The Previous Permit				0				0	0	0	0	0	0	0	\$0				
Obligations from Previous Permit That Must Be Continued																			
Annual																			
Street Sweeping		A	ANNUAL											0					
		A	ANNUAL											0					
		A	ANNUAL											0					
		A	ANNUAL											0					
		A	ANNUAL											0					
Catch Basin Cleaning		A	ANNUAL											0					
		A	ANNUAL											0					
		A	ANNUAL											0					
		A	ANNUAL											0					
Septic Sytem Pumping		A												0					

		A											0				
		A											0				
		A											0				
		A											0				
Subtotal Operations ³				0			0	0	0	0			0	\$0			
Capital Projects (Proposed to Replace Annual Obligations)																	
													0				
													0				
													0				
													0				
Subtotal Capital				0			0	0	0	0	0		0	\$0			
Other (Proposed to Replace Annual Obligations)																	
													0				
													0				
Subtotal Other				0			0	0	0	0	0		0	\$0			
Obligations from Previous Permit				0			0.0	0.0	0	0	0.0	0.0	0.0	\$0			
Proposed Restoration for the Next Permit																	
Operational																	
Street Sweeping		A	ANNUAL														
		A	ANNUAL														
		A	ANNUAL														
		A	ANNUAL														
		A	ANNUAL														
Catch Basin Cleaning		A	ANNUAL														
		A	ANNUAL														
		A	ANNUAL														
		A	ANNUAL														
Septic Sytem Pumping		A															
		A															
		A															
		A															
		A															
Subtotal Operations (up to 2026) ³				0			0	0	0	0			0	\$0			
Capital Projects																	
													0				
													0				
													0				
													0				
Subtotal Capital (up to 2026)				0			0	0	0	0	0		0	\$0			
Other																	
													0				
													0				
Subtotal Other (up to 2026)				0			0	0	0	0	0		0	\$0			
Permit (up to 2025)				0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0			
Total for Next Permit and Projected Years				0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0			
Total for Remaining Obligations from The Previous Permit, Continued Obligations, and Proposed Activities for The Next Permit (up to 2026)				0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0			
Total for Remaining Obligations from The Previous Permit, Continued Obligations, and Proposed Activities for The Next Permit (up to 2028)				0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0			

BMP Class	
Code	Code Description
A	Alternative BMP
E	ESD
S	Structural BMP

BMP Classification	BMP Type Code	BMP Type
Alternative Surfaces (A)		
E	AGRE	Green Roof – Extensive
E	AGRI	Green Roof – Intensive
E	APRP	Permeable Pavements
E	ARTF	Reinforced Turf
Nonstructural Techniques (N)		
E	NDRR	Disconnection of Rooftop Runoff
E	NDNR	Disconnection of Non-Rooftop Runoff
E	NSCA	Sheetflow to Conservation Areas
Micro-Scale Practices (M)		
E	MRWH	Rainwater Harvesting
E	MSGW	Submerged Gravel Wetlands
E	MILS	Landscape Infiltration
E	MIBR	Infiltration Berms
E	MIDW	Dry Wells
E	MMBR	Micro-Bioretenion
E	MRNG	Rain Gardens
E	MSWG	Grass Swale
E	MSWW	Wet Swale
E	MSWB	Bio-Swale
E	MENF	Enhanced Filters
Ponds (P)		
S	PWED	Extended Detention Structure, Wet
S	PWET	Retention Pond (Wet Pond)
S	PMPS	Multiple Pond System
S	PPKT	Pocket Pond
S	PMED	Micropool Extended Detention Pond
Wetlands (W)		
S	WSHW	Shallow Marsh
S	WEDW	ED – Wetland
S	WPWS	Wet Pond – Wetland
S	WPKT	Pocket Wetland
Infiltration (I)		
S	IBAS	Infiltration Basin
S	ITRN	Infiltration Trench
Filtering Systems (F)		
S	FBIO	Bioretention
S	FSND	Sand Filter
S	FUND	Underground Filter
S	FPER	Perimeter (Sand) Filter
S	FORG	Organic Filter (Peat Filter)
S	FBIO	Bioretention
Open Channels (O)		
S	ODSW	Dry Swale
S	OWSW	Wet Swale
Other Practices (X)		
S	XDPD	Detention Structure (Dry Pond)
S	XDED	Extended Detention Structure, Dry
S	XFLD	Flood Management Area
S	XOGS	Oil Grit Separator
S	XOTH	Other
Alternative BMPs		
A	MSS	Mechanical Street Sweeping
A	VSS	Regenerative/Vacuum Street Sweeping (i.e., Advanced Street Sweeping)
A	IMPP	Impervious Surface Reduction (i.e., impervious to pervious)
A	IMPF	Impervious Surface to Forest (i.e., IMPP + FPU)
A	FPU	Forestation on Pervious Urban (i.e., Forest Planting)
A	CBC	Catch Basin Cleaning
A	SDV	Storm Drain Vacuuming

A	STRE	Stream Restoration
A	OUT	Outfall Stabilization
A	SPSC	Regenerative Step Pool Storm Conveyance
A	SPSD	Dry Channel Regenerative Step Pool Stormwater Conveyance System
A	SHST	Shoreline Management
A	SEPP	Septic Pumping
A	SEPD	Septic Denitrification
A	SEPC	Septic Connections to WWTP
A	XFTW	Floating Treatment Wetland
A	FCO	Forest Conservation
A	CLTM	Conservation Landscaping
A	RCL	Riparian Conservation Landscaping
A	RFP	Riparian Forest Planting
A	STCI	Street Tree
A	USRP	Urban Soil Restoration (Compacted Pervious Surfaces)
A	USRI	Urban Soil Restoration (Removed Impervious Surfaces)
A	UTC	Urban Tree Canopy (i.e., Pervious Turf to Tree Canopy over Turf)
A	IDDE	Illicit Discharge Detection & Elimination
A	OTH	Other

Financial Capacity Spreadsheet			
1	County/City Name		
2	Cost As A Percent Of Household Income		
2a	Median Household Income (MHI)		
2b	Total Number Of Households In Jurisdiction		
2c	Average Annual Cost For Public Stormwater Related Management Programs		
2d	Annual Cost For Public Stormwater Related Management Programs Per Household	\$	-
2e	% Of MHI Spent On Public Stormwater Related Management Programs		0.00%
2f	Total Annual Stormwater Remediation Fee Per Household		
2g	% Of MHI Spent Annually On Stormwater Remediation Fee		0.00%
3	Cost Of Impervious Surface Restoration As A Percent Of Household Income		
3a	Total In Previous Permit Term Spent On The Impervious Surface Restoration Plan (ISRP)		
3b	Average Annual Cost Of The ISRP During The Previous Permit Term		
3c	Annual Cost Of The ISRP Per Household During The Previous Permit Term	\$	-
3d	% Of MHI Spent On The ISRP During The Previous Permit Term		0.00%
3e	Total Projected Cost For Restoration Portfolio		
3f	Projected Annual Cost For Restoration Portfolio		
3g	Projected Annual Cost For Restoration Portfolio Per Household	\$	-
3h	% Of MHI Spent On Projected Cost Of Restoration Portfolio		0.00%
4	Cost For Low-Income Residential Customers As A Percent Of Household Income		
4a	Percentage Of Households With Annual Income <\$25,000		
4b	% Of Income For Low Income Households Spent On Public Stormwater Related Management Programs		0.00%
4c	% Of Income For Low Income Households Spent On Stormwater Remediation Fees		0.00%
4d	% Of Income For Low Income Household Spent On The ISRP		0.00%
4e	% Of MHI For Low Income House Spent On Projected Cost Of Restoration Portfolio		0.00%
5	Key Socioeconomic Indicators		
5a	Percentage Unemployed		
5b	Median Household Income		
5c	Percent Of Individuals (All People) Below Poverty Level		
6	Financial Capacity Indicators		
6a	Debt Indicators	Bond Rating – GO ¹ Bonds	
6b		Bond Rating – Revenue Bonds	
6c		Net Debt As A % Of FMPV ²	
6d	Financial Management Indicators	Property Tax Revenues As % Of FMPV	
6e		Property Tax Revenue Collection Rate	

Notes:

1. GO = General Obligation

2. FMPV = Full Market Property Value

Moody's	Aaa
	Aa
	A
	Baa
	Ba
	B
	Caa
	Ca
	C
S&P	AAA
	AA
	A
	BBB
	BB
	B
	CCC
	CC
	R
	SD
	D

Parameter from 2019 ACS	2019 Value
National Average MHI	\$ 62,843.00
National Percent Unemployed	2.7%
National Percent of Individuals Below Poverty Level	13.4%