bay restoration commission
STEWARDS OF SANTA MONICA BAY
Santa Monica Bay Restoration Commission 320 West 4th Street, Ste 200; Los Angeles, California 90013
213-576-6615 www.smbrc.ca.gov

June 15, 2020 **Agenda Item: 3.e**

To: Governing Board, Santa Monica Bay Restoration Commission

From: Guangyu Wang, Chief Administrative Director

Re: Recommendations regarding Measure W Stormwater Investment Plans within the Santa Monica Bay Watershed

Action Requested of the Governing Board

Adopt Resolution 20-04 regarding staff recommendations on Los Angeles County Safe Clean Water Program Fiscal Year 2020-2021 Stormwater Investment Plans within the Santa Monica Bay watershed

Background

The Los Angeles (LA) County Safe Clean Water Program (SCWP) was established by the passage of Measure W in 2018 to provide consistent, local funding for increasing water supply, improving water quality, and enhancing communities throughout LA County.

Fifty percent of SCWP's revenues are allocated to the Regional Program to fund stormwater projects and programs at the watershed level. This portion of funding is distributed among 9 Watershed Areas to be programmed by the respective Watershed Area Steering Committees (WASCs). Three of these Watershed Areas lie completely or partially within the Santa Monica Bay watershed: North Santa Monica Bay, Central Santa Monica Bay, and South Santa Monica Bay. The table below lists the latest estimates of annual Regional Program funds to be allocated to the North Santa Monica Bay, Central Santa Monica Bay, and South Santa Monica Bay Watershed Areas (Table 1).

Table 1: Estimates of Annual Regional Program Funds to be allocated to the North Santa Monica Bay, Central Santa Monica Bay, and South Santa Monica Bay Watershed Areas

Safe Clean Water Program Watershed Area	Estimated Annual Funds
North Santa Monica Bay[1]	$1.84 million
Central Santa Monica Bay[2]	$17.84 million
South Santa Monica Bay[3]	$6.15 million[4]
TOTAL	**$25.83 million**

The WASCs use a public and stakeholder process to review projects and develop Stormwater Investment Plans (SIPs), which are annual 5-year plans that recommend funding allocations for projects and programs in the Regional Program's Infrastructure, Technical Resources, and Scientific Studies Programs. The purpose of the SIP is to capture recommended programming for the upcoming fiscal year as well as anticipated recommendations for the next 4 years. The SIPs will also be reviewed by the Scoring Committee and Regional Oversight Committee for recommendation to the LA County Board of Supervisors for consideration of final approval, which is tentatively scheduled for August 2020.

Implementation of the SCWP is one of the key actions in the Santa Monica Bay National Estuary Program (NEP) Comprehensive Conservation and Management Plan (CCMP) Action Plan approved by the Governing Board in 2018 (Action Plan) and facilitation of this implementation is an important task identified in the Santa Monica Bay NEP Annual Work Plans. Many members of the Governing Board were instrumental in the passage of Measure W and have been actively involved in facilitating the implementation of the SCWP, including serving on the WASCs in the Santa Monica Bay watershed and the Scoring and Regional Oversight Committee. In addition to serving on the South Santa Monica Bay WASC, Commission staff have also been actively monitoring and coordinating with SCWP members on the progress of project development under SCWP throughout the watershed. Engagement and coordination with the SCWP is also necessary as several infrastructure projects that applied for SCWP funding have

[1] Source: Fiscal Year 2020-2021 North Santa Monica Bay Watershed Area Stormwater Investment Plan, WASC approved on March 12, 2020
[2] Source: Fiscal Year 2020-2021 Central Santa Monica Bay Watershed Area Stormwater Investment Plan, WASC approved on May 21, 2020
[3] Source: Fiscal Year 2020-2021 South Santa Monica Bay Watershed Area Stormwater Investment Plan, WASC approved on May 20, 2020
[4] Estimation based on the proportion of Watershed Area that lies within the Santa Monica Bay watershed.

received Proposition (Prop.) 12 and 84 funding recommended by the Commission.

To date, there are 9 projects recommended for inclusion in the Fiscal Year 2020-2021 (FY 20-21) SIPs within the Santa Monica Bay watershed, 8 of which were approved by the Central Santa Monica Bay WASC at its May 21, 2020 meeting. The Central Santa Monica Bay WASCs' FY 20-21 SIP includes 7 Infrastructure Program projects and 1 Technical Resources Program project. Also, 1 Scientific Studies Program project within the Santa Monica Bay watershed was recommended by the South Santa Monica Bay WASC for inclusion in its FY 20-21 SIP, but the project was not recommended by the North or Central Santa Monica Bay WASC as needed for studies applicable County-wide. Table 2 provides a brief summary of the 9 projects in the Santa Monica Bay watershed recommended in the WASCs' FY 20-21 SIPs (see Attachment 2 for additional project information).

After reviewing the recommended projects, communicating with the LA County Flood Control District and members of WASCs in the Santa Monica Bay watershed, and recognizing that 2 of the identified projects were previously recommended by the Commission for Prop. 12 and 84 funding, staff believe that the 8 projects recommended in the Central Santa Monica Bay WASC's FY 20-21 SIP meet and will advance the implementation of the CCMP Action Plan. Therefore, staff recommend that the Governing Board supports SCWP funding of these 8 projects. However, Commission staff recommend that the Governing Board does not support the project under the Scientific Studies Program recommended by the South Santa Monica Bay WASC due to concerns expressed by many WASC members for the lack of information and potential impact on local water quality regulations. Staff further recommend that proponents of this and other studies be encouraged to seek input from the Commission's Technical Advisory Committee (TAC) should they consider re-submitting or exploring new study proposals.

In addition, staff recommend that the Governing Board direct staff to convey the recommendation of the Commission's TAC to encourage the development and implementation of an enhanced and standardized monitoring program for all infrastructure projects funded under the SCWP. Drawing from their experience and lessons learned from assisting the review of infrastructure projects recommended for Prop. 84 funding, especially the pre- and post-construction monitoring plans associated with those projects, the TAC has emphasized the importance of, and called for a meaningful and standardized monitoring plan for all infrastructure projects over the years, including similar calls for all SCWP funded infrastructural projects made most recently at the TAC's last meeting on February 5, 2020. The TAC has also developed a standard monitoring framework for Prop. 84 funded projects which it believes to be readily applicable to all infrastructure projects, including those funded under SCWP (Attachment 3).

Staff Recommendations

Staff recommends that the Governing Board adopt the attached Resolution (20-04), which:

1. Supports LA County SCWP funding of projects under the FY 20-21 SIPs as identified in the staff report;

2. Supports the recommendation of the Commission's TAC and encourage the implementation of enhanced and standardized monitoring programs for all infrastructure projects funded under the SCWP;

3. Encourage SCWP to work with Commission staff, consult and incorporate the stormwater Best Management Practices standard monitoring framework developed by the Commission's TAC;

4. Directs Commission staff to convey the support and recommendation to the LA County Board of Supervisors and various Governance Committees (e.g. WASCs and Regional Oversight Committee) of the SCWP with a letter from the Chair; and

5. Directs Commission staff to work with municipal and other stakeholder representatives both within and outside of the Governing Board to explore further outreach steps to facilitate new ideas and proposals for projects eligible for future SCWP funding.

Tables

Attachments

Table 2: Projects within the Santa Monica Bay Watershed included in the Watershed Area Steering Committees' Recommended Fiscal Year 2020-2021 Stormwater Investment Plans[5]

Project Name	Regional Subprogram	Project Lead	Estimated Total Funding Requested	Best Management Practices Type	Current Phase
Beverly Hills Burton Way Green Street and Water Efficient Landscape Project	Infrastructure Program	City of Beverly Hills	$5 million	Infiltration facility	Planning and design
Culver City Mesmer Low Flow Diversion	Infrastructure Program	City of Culver City	$0.95 million	Diversion to sanitary sewer	Planning and design
Ladera Park Stormwater Improvements Project[6]	Infrastructure Program	Los Angeles County Public Works	$2 million	Infiltration well	Planning and design
MacArthur Lake Rehabilitation Project	Infrastructure Program	City of Los Angeles, Bureau of Sanitation	$20 million	Cistern	Planning and design
Monteith Park and View Park Green Alley Stormwater Improvements Project[7]	Infrastructure Program	Los Angeles County Public Works	$4.55 million	Infiltration well	Planning and design
Sustainable Water Infrastructure Project	Infrastructure Program	City of Santa Monica	$7.5 million	Cistern	Construction
Washington Boulevard Stormwater and Urban Runoff Diversion	Infrastructure Program	City of Culver City	$3.6 million	Diversion to sanitary sewer	Planning and design

Project Name	Regional Subprogram	Project Lead	Estimated Total Funding Requested	Best Management Practices Type	Current Phase
Edward Vincent Junior Park Stormwater Improvements Project	Technical Resources Program	City of Inglewood	$300,000	Surface retention/infiltration basin (potential)	Feasibility study development
Recalculation of Wet Weather Zinc Criterion	Special Studies Program	City of Los Angeles, Bureau of Sanitation	$58,000	N/A	N/A

[5] Adapted from FY 20-21 Central Santa Monica Bay Watershed Area SIP and FY 20-21 South Santa Monica Bay Watershed Area SIP (see Attachment 2 for additional project information).
[6] Project previously recommended by the Commission for Prop. 84 funding.
[7] Project previously recommended by the Commission for Prop. 12 funding.

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ATTACHMENT 1

-DRAFT-
RESOLUTION OF THE SANTA MONICA BAY RESTORATION COMMISSION ADOPTING STAFF RECOMMENDATIONS REGARDING MEASURE W STORMWATER INVESTMENT PLANS WITHIN THE SANTA MONICA BAY WATERSHED

June 18, 2020

Resolution No. 20-04

WHEREAS, the Los Angeles (LA) County Safe Clean Water Program (SCWP) was established to provide consistent, local funding for increasing water supply, improving water quality, and enhancing communities throughout LA County; and

WHEREAS, a portion of SCWP's revenues are allocated to the Regional Program to fund stormwater projects and programs at the watershed level and distributed among Watershed Areas to be programmed by the respective Watershed Area Steering Committees (WASCs); and

WHEREAS, the WASCs review projects and develop Stormwater Investment Plans (SIPs) to recommend funding allocations for projects and programs in the Regional Program's Infrastructure, Technical Resources, and Scientific Studies Programs for the LA County Board of Supervisors for consideration of final approval; and

WHEREAS, three of these Watershed Areas lie completely or partially within the Santa Monica Bay watershed: North Santa Monica Bay, Central Santa Monica Bay, and South Santa Monica Bay; and

WHEREAS, implementation of the SCWP is one of the key actions in the Santa Monica Bay National Estuary Program (NEP) Comprehensive Conservation and Management Plan (CCMP) Action Plan approved by the Governing Board in 2018 (Action Plan) and is necessary as several infrastructure projects that applied for SCWP funding have received Proposition (Prop.) 12 and 84 funding recommended by the Commission; and

WHEREAS, nine (9) projects were recommended for inclusion in the Fiscal Year 2020-2021 (FY 20-21) SIPs within the Santa Monica Bay watershed; and

WHEREAS, Commission staff have reviewed the recommended projects and find eight of the projects will advance the implementation of the CCMP Action Plan; and

WHEREAS, the Commission's Technical Advisory Committee has called for enhanced and standardized monitoring programs for all SCWP funded infrastructure stormwater projects;

NOW THEREFORE BE IT RESOLVED that the Governing Board of the Santa Monica Bay Restoration Commission hereby:

1. SUPPORT LA County SCWP funding of eight projects under the FY 2020-2021 Stormwater Investment Plans as identified in the staff report; and

2. SUPPORT the recommendation of the Commission's Technical Advisory Committee and encourage the implementation of enhanced and standardized monitoring programs for all infrastructure projects funded under the SCWP; and

3. ENCOURAGE SCWP to work with Commission staff, consult and incorporate the stormwater Best Management Practices standard monitoring framework developed by the Commission's Technical Advisory Committee; and

4. DIRECT Commission staff to convey the support and recommendation to the LA County Board of Supervisors and various Governance Committees (e.g. WASCs and Regional Oversight Committee) of the SCWP with a letter from the Chair; and

5. DIRECT Commission staff to work with municipal and other stakeholder representatives both within and outside of the Governing Board to explore further outreach steps to facilitate new ideas and proposals for projects eligible for future SCWP funding.

BY: _____

Charlie Caspary
Governing Board Chair
Santa Monica Bay Restoration Commission

ATTACHMENT 2

SUMMARY OF PROJECTS WITHIN THE SANTA MONICA BAY WATERSHED RECOMMENDED IN THE SAFE CLEAN WATER PROGRAM'S FISCAL YEAR 2020-2021 STORMWATER INVESTMENT PLANS[1]

Project Name: **Beverly Hills Burton Way Green Street and Water Efficient Landscape Project**

Applicant: City of Beverly Hills

Watershed Area: Central Santa Monica Bay

Region Subprogram: Infrastructure Program

Project Summary:

This project consists of a full-scale, multi-benefit green street project designed to improve stormwater quality, reduce urban runoff, and increase local water supply. The project consists of installing 2 bioswales, 3 diversion structures equipped with a pre-treatment system (hydrodynamic separator), a pump station, and a 3.6 acre-feet (af) underground concrete storage facility. The project is designed to capture and infiltrate approximately 94 acre-feet per year (afy) of dry and wet-weather urban runoff from 211 acres of tributary drainage area; capture and remove 100% of the pollutants generated within the project site; increase local water supply by replacing turf with drought tolerant plants irrigated with captured stormwater runoff; and serve as a model for public education and community engagement for water use-efficiency and water conservation.

Project Name: **Culver City Mesmer Low Flow Diversion**

Applicant: City of Culver City

Watershed Area: Central Santa Monica Bay

[1] Project summaries include those within the Santa Monica Bay watershed and are adapted from the Central Santa Monica Bay Watershed Area's and the South Santa Monica Bay Watershed Area's FY 20-21 SIPs. More information on projects recommended in the SCWP's FY 20-21 SIPs, including applications submitted for the Infrastructure, Technical Resources, and Scientific Studies Programs, are available on the Safe Clean Water Program's website, here: https://safecleanwaterla.org/projects2/.

Region Subprogram: Infrastructure Program

Project Summary:

This project consists of a dry-weather diversion project designed to capture low flow runoff from Centinela Creek Channel for discharge into the City of Los Angeles' sewer system, resulting in treatment at the Hyperion Water Reclamation Plant; modify the Channel to accept and convey dry-weather runoff to the Mesmer Pump Station; and address the Ballona Creek bacteria Total Maximum Daily Load (TMDL) for dry-weather.

Project Name: **Ladera Park Stormwater Improvements Project**

Applicant: Los Angeles County Public Works

Watershed Area: Central Santa Monica Bay

Region Subprogram: Infrastructure Program

Project Summary:

This project consists of the construction of infiltration wells designed to improve water quality. The project is designed to store and infiltrate the 85th percentile 24-hour stormwater runoff from the upstream 110 acre watershed, reduce the amount of pollutants being discharged into Centinela Creek, retain runoff from non-stormwater sources to irrigate the landscaping at the project site and infiltrate runoff to the West Coast Basin, and enhance recreational benefits.

Project Name: **MacArthur Lake Rehabilitation Project**

Applicant: City of Los Angeles, Bureau of Sanitation

Watershed Area: Central Santa Monica Bay

Region Subprogram: Infrastructure Program

Project Summary:

This project is primarily designed to capture the stormwater compliance volume to meet water quality (TMDL limits) for the Ballona Creek watershed and current NPDES permit; enhance environmental, public health and community benefits via improvement of lake water quality; maximize social, environmental and economic water supply benefits; deploy Natural Systems for water treatment while offsetting potable water demands; and provide tangible economic, educational and community investment benefits.

Project Name: **Monteith Park and View Park Green Alley Stormwater Improvements Project**

Applicant: Los Angeles County Public Works

Watershed Area: Central Santa Monica Bay

Region Subprogram: Infrastructure Program

Project Summary:

This project consists of the construction of infiltration wells designed to improve water quality. This project is designed to store and infiltrate the 85th percentile 24-hour stormwater runoff from the upstream 228 acre watershed, reduce the amount of metal pollutants being discharged into Ballona Creek by intercepting and infiltrating the runoff at Monteith Park and the View Park Alley, and provide a water supply benefit by infiltrating runoff to the Central Basin and recreational benefits through enhancement of existing recreational amenities.

Project Name: **Sustainable Water Infrastructure Project**

Applicant: City of Santa Monica

Watershed Area: Central Santa Monica Bay

Region Subprogram: Infrastructure Program

Project Summary:

This project consists of a multi-benefit project designed to advance treated wastewater, harvested stormwater, and brackish groundwater; provide the City if Santa Monica with up to 1,680 afy of drought-resilient water supply; and reduce the volume of stormwater that discharges to Santa Monica Bay. The City of Santa Monica is only requesting funds for the stormwater related element, which involves construction of a 1.7 million gallon stormwater harvesting tank for collecting dry and wet weather runoff. This element of the project is designed to divert runoff from up to the 85th percentile storm events from the Pico-4th subwatershed, which is typically discharged to Santa Monica Bay. Captured runoff will be sent to a treatment facility for advanced treatment and immediate non-potable distribution.

Project Name: **Washington Boulevard Stormwater and Urban Runoff Diversion**

Applicant: City of Culver City

Watershed Area: Central Santa Monica Bay

Region Subprogram: Infrastructure Program

Project Summary:

This project consists of addressing runoff from the City of Culver City within the Marina del Rey watershed. The capture system is designed to address the 85th percentile, 24-hour runoff volume and peak flow rate; capture both dry- and wet-weather runoff; and retain some flows for irrigation within new medians that will be constructed along Washington Boulevard. During dry-weather periods, captured flows will be pretreated to remove large solids and debris and then pumped to the sanitary sewer system. During storm events, pretreated flows will be pumped and stored to a subsurface storage system, and ultimately discharged to the Hyperion Water Reclamation Plant for treatment and use.

Project Name: **Edward Vincent Junior Park Stormwater Improvements Project**

Applicant: City of Inglewood

Watershed Area: Central Santa Monica Bay

Region Subprogram: Technical Resources Program

Project Summary:

This project consists of preventing primary pollutants in stormwater up to the 85th percentile storm and all dry weather flow from reaching the receiving water by capturing, treating, and infiltrating stormwater and urban runoff. The potential Best Management Practices type that is being considered is a surface retention/infiltration basin, utilizing the low point of the project site as a biofiltration/wetlands area. The City of Inglewood is requesting assistance to actively pursue the development of this project.

Project Name: **Recalculation of Wet Weather Zinc Criterion**

Applicant: City of Los Angeles, Bureau of Sanitation

Watershed Area: South Santa Monica Bay

Region Subprogram: Special Studies Program

Project Summary:

This study consists of using the latest available science to conduct site-specific evaluations of zinc toxicity in the Los Angeles River, Ballona Creek, and Dominguez Channel watersheds, which would promote efficient allocation of community funds, inform the type and placement of stormwater Best Management Practices, and support attainment of water-quality requirements. This study is designed to support iterative planning and adaptive management that will contribute to the attainment of water-quality requirements.

ATTACHMENT 3

Santa Monica Bay Restoration Commission
Proposition 84 Project Monitoring Framework

Section 1: Project/Monitoring Objectives

Description	**Guideline**	**Example 1 (Rain Garden)**
Overview of the Original Project	Briefly describe the purpose/goal, type, scale, and the desired outcome of the original project	The project involves construction of three rain gardens along the Liberty Creek which collect water from 10 acres of commercial and industrial properties and 20 acres of a residential neighborhood in Freedom City. The rain gardens are designed to let runoff funnel through special filters and garden swales to remove oil and grease, suspended solids, trash, metals, and bacteria, and they are designed to capture, treat, and infiltrate a minimum .75 inch/24 hour storm event
Monitoring Objectives	Describe the monitoring objectives which should be consistent with the purpose/goal of the original project. In most cases, the monitoring objectives should be to evaluate how the subject project has met its project purpose/goal. The objectives can be structured in two tiers - the overall objectives and the specific monitoring questions, and there can be one or more objectives and/or monitoring questions. (The most common types of objectives and monitoring questions are listed below.)	
Objective 1	Demonstrate the degree of pollution control or effluent quality improvement the BMPs provide under normal conditions (i.e., representative storm types)	

Description	Guideline	Example 1 (Rain Garden)
Objective 2	Verify whether or not the BMP helps to achieve compliance with water quality standard	Primary Objective : Verify whether or not the constructed rain gardens helps the Liberty Creek to meet water quality standards.
Monitoring Question 1	For storm events up to the design storm, how different are the measured surface inflows and outflows in terms of peak rate and runoff volume?	
Monitoring Question 2	How does the total contaminant concentration of outflow from the BMPs compare with the values in the inflow?	
Monitoring Question 3	How does the outflow contaminant concentration from the BMPs compare with the TMDL target value?	Secondary Objective: How are the outflow contaminant concentrations from the rain gardens compare with the target values of the Liberty Creek trash, bacteria, and metal TMDLs?

Section 2: Monitoring Approach

Description	Guideline	Example 1 (Rain Garden)
Project and Site Characteristics	Characteristics to be listed include, but are not limited to: • Location and site map • Watershed area, watershed imperviousness and land uses • Soil type, slope, groundwater basin characteristics (if applicable) • Design characteristics of the BMP (hydrologic and hydraulic sizing, soils, vegetation, underdrains/no underdrains, etc.) • Stormwater runoff hydrographs at primary storm drain outlets from each watershed • Precipitation data rain gages in the watersheds. • Previous collected/reported water quality data from each storm drain outlets	
Project Performance Criteria	List the pre-defined performance criteria of the original project, if already exist. Otherwise, describe how to decide the success of the original project, or whether the project performed appropriately based on the monitoring results. Types of performance criteria include, but are not limited to: amount or percentage of reduction between Inflow-outflow, or before-after the BMP installation, how different the outflow concentration (or mass loading) is from a mandated numerical target.	

Description	Guideline	Example 1 (Rain Garden)
Prioritization of objectives and data collection efforts and rationale for prioritization	Criteria/questions to consider for this prioritization include: • Is any of the objectives tied to performance criteria that the project is required to meet? Is it possible to achieve the overall objective by addressing a subset of the questions? • Do some of the objectives have overlapping data collection requirements, making that data more "valuable" from the standpoint of addressing multiple objectives? • Are there some types of data that would render other types of data less useful if not collected (for example, if flow data are not collected, the utility of concentration data collected is diminished because a mass balance may not be reasonably calculated)?	
Basic Monitoring Approach	Describe the basic monitoring approach for achieving all monitoring objectives and/or answering all monitoring questions, including general information on what, where, and when. Specify the temporal and spatial scale of the monitoring design. Also include information on the number of variables that will need to be evaluated and measurements collected.	
Justification for Substitution	Justification for substituting monitoring with estimation of parameters including the use of surrogate parameters, model estimate of rainfall and flow volume, data from like-wise projects, etc.	

Section 3: Sampling Design

Description	Guideline	Example 1 (Rain Garden)
Sampling Location	Sampling locations should be specified and parameters for each sampling/measurement location identified.	
Sampling Unit	Define sampling unit. For water quality parameters, a table or list should be assembled with minimum sample volume requirements for laboratory analyses. Sample volume requirements to satisfy QA/QC requirements for replicate analysis, splits, spikes, etc. should also be considered to determine the sample volume required. A “go/no-go” rule should be developed for guidance when storms are partially sampled (i.e., not all stations function as intended, resulting in missed samples).	
Data Collection Timeframe	Specify data collection timeframe, temporal characteristics of monitoring plan and practical constraints. The duration of monitoring should be established and constraints on the ability to collect or analyze samples should be identified (i.e., nondaylight hours, weekends, and/or holidays). For project involving storm water sampling, a storm selection criteria should be established.	
Sampling Methods	Specify the sampling equipment, collection technique, and methods. Specify the type and quality information that will be needed to meet data performance or acceptance criteria, including a listing of the required measurement accuracy, method detection limits for analytical methods, and temporal and spatial resolution of data.	

Section 4: Analysis and Assessment Plan

Description	Guideline	Example 1 (Rain Garden)
Sample Lab Analysis	Specify lab analysis equipment and methods. Levels of rejection or acceptance should be established.	
Statistical Analysis Specification	Specify methods of statistical analysis in accordance with standard reference procedures. Provide the scale for decision making or estimation and define the level of confidence in analysis. For statistical testing methods, specify the mean hypothesized difference, statistical significance level and potentially other inputs to statistical methods. For analysis involving estimation of a parameter from a data set, specify criterion using standard error or statistical intervals.	

Section 5: Quality Assurance and Quality Control

Description	Guideline	Example 1 (Rain Garden)
Data Acquisition and Analysis QAPP	Develop a QAPP for field sampling, lab analysis, and data validation in accordance with standard reference manuals.	
Data Management	Specify data entry, storage, and transfer format. Specify data management QA/QC procedure including	
Description	**Guideline**	**Example 1 (Rain Garden)**
	the meta data requirement. This can be part of the project QAPP.	

Section 6: Results Evaluation and Reporting

Description	**Guideline**	**Example 1 (Rain Garden)**
Results Evaluation	Describe how data evaluation will be performed to determine whether enough information of sufficient quality has been obtained to meet the monitoring objectives. Specify plan/steps to obtain sufficient information (through additional monitoring, etc.) if the answer is no; and proceed to complete statistical analysis and/or model run if the answer is yes.	
Results Reporting	Specify information to be presented in the final report which typically include: A recap of the monitoring objectives, the monitoring approach, and accomplished monitoring activities.	
Monitoring Results	Report on the monitoring results including data summary and results of statistical analysis.	
Summary and Conclusions	Including an assessment on how well the original project perform, how effective the monitoring is in evaluating the performance of the original project, and any caveats or qualifying statements that will help the reader understand and use the reported information in the appropriate context.	
Recommendations	Include recommendations for future projects and monitoring.	