

# The Jackson County Expo

## Stormwater Management Program Document

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## **1.0 Introduction.**

The Jackson County Expo (The Expo) is a venue owned and operated by Jackson County, Oregon (or County) as a large event center. It is physically located in Central Point, Oregon along the east side of Interstate 5. The Expo hosts the Jackson County Fair and other events, and site features include pavilions, an amphitheater, arenas, barns, wildlife viewing areas, the Family Fun Center, and vehicle parking for patrons.

The Expo is comprised of approximately 212 acres and is sited on relatively level terrain. Stormwater runoff flows in all directions, but all runoff ultimately discharges into Bear Creek either at The Expo or to the north of The Expo before Bear Creek discharges into the Rogue River. Bear Creek flows through the middle of The Expo in a generally south to north direction. Most of the developed portion of The Expo property lies on the west side of Bear Creek, with undeveloped property being located on the east side of Bear Creek. The Expo site layout, including stormwater features and receiving waters for stormwater, is depicted on Figure 1, Facilities and Stormwater Map, which is included as Appendix 1 located in the Stormwater Plan Resources section of this document (Section 5).

The Expo maintains this Stormwater Management Program Document (referred to hereinafter as the Stormwater Plan), to describe in detail how it complies with the required control measures included in National Pollutant Discharge Elimination System (NPDES) Phase II General Permit (Permit) for Municipal Separate Storm Sewer Systems (MS4).<sup>1</sup> The Permit is issued to The Expo by the Oregon Department of Environmental Quality (DEQ) and The Expo submits required documents and reports to DEQ as described in the Permit.

## **2.0 Stormwater Plan Administration.**

As part of Jackson County, Oregon, the Jackson County Fair Board is a statutory body charged with management and oversight of the Jackson County Fairgrounds, also known as The Expo. Jackson County is in turn one of several Co-Implementers of the Permit, which is held in primacy by Rogue Valley Sewer Services (RVSS).<sup>2</sup> This arrangement places The Expo in the category of Existing Registrants. In addition, RVSS and the Co-Implementers are categorized as “large communities” for stormwater planning purposes as documented in DEQ’s Permit Evaluation Letter dated March 12, 2021.<sup>3</sup>

This Stormwater Plan must be reviewed at least annually and updated at least annually, if needed. The Stormwater Plan must also describe The Expo’s schedule for implementation of any control measure components to be developed during the term of the Permit.

The Expo must annually submit relevant information, including this Stormwater Plan if modified, to Jackson County Administration and RVSS (serving as the Permit Registrant) developed under this Stormwater Plan so that RVSS may submit it to DEQ as part of its Annual Report. <sup>4</sup> Submittals to DEQ are made in concert with RVSS, serving as the Primary Permit Registrant. In addition, the Stormwater Plan must be made available to the public through The Expo’s publicly accessible website. <sup>5</sup>

The Expo must maintain a method of gathering, tracking, and using Stormwater Management Program (SWMP) information to set priorities and assess its compliance with the Permit. The Expo must track relevant activities and document program outcomes to illustrate progress on the SWMP control measures (for example, the number of inspections, official enforcement actions, and/or types of public education actions, etc.), and cite relevant information and metrics, reflecting the specific reporting period, in each annual report.

The Expo must provide resources, including finances, staff, equipment and/or other support methods, to implement the control measures and other requirements outlined in the Permit.

The control measures and implementation deadlines are presented in Table 1, SWMP Control Measures and Implementation Deadlines. The Expo’s particular deadlines are indicated in the column of Existing Registrants.

**Table 1. SWMP Control Measures and Implementation Deadlines.**

SWMP Control Measures	Implementation Deadline	
	Existing Registrants	New Registrants
Public Education and Outreach	February 28, 2020	September 1, 2023
Public Involvement and Participation	February 28, 2020	September 1, 2023
Illicit Discharge Detection and Elimination	February 28, 2022	September 1, 2023
Construction Site Runoff Control	February 28, 2023	September 1, 2023
Post-Construction Site Runoff for New Development and Redevelopment	February 28, 2023	September 1, 2023
Pollution Prevention and Good Housekeeping for Municipal Operations	February 28, 2022	September 1, 2023

Source: NPDES Phase II General Permit for Municipal Separate Storm Sewer Systems (MS4). <sup>1</sup>

### **3.0 Stormwater Management Program Control Measures.**

This Stormwater Plan describes the administrative, structural and procedural best management practices (BMPs) necessary to protect stormwater quality relevant to The Expo's operations. These are known as Stormwater Management Program Control Measures and are presented in the following six subsections:

- Public Education and Outreach;
- Public Involvement and Participation;
- Illicit Discharge Detection and Elimination;
- Construction Site Runoff Control;
- Post-Construction Site Runoff for New Development; and
- Pollution Prevention and Good Housekeeping for Municipal Operations.

#### **3.1 Public Education and Outreach**

The Expo's public education and outreach program targets three audiences: (1) the general public, homeowners, homeowner associations, schoolchildren, and businesses (including home-based and mobile business), (2) local elected officials, land use planners and engineers, and (3) construction site operators. The educational efforts are to reduce behaviors and practices that cause or contribute to adverse stormwater impacts on receiving waters. The program should promote specific actions to increase audience understanding of how to reduce pollutant discharges in stormwater runoff and prevent illicit discharge from entering the MS4 and impacting receiving waters. The public education and outreach program must include the activities detailed in the BMPs listed below. The effective date for this program is February 28, 2020.

**3.1.1 Public Education and Outreach Administration. BMP PEO 01.** For public education and outreach, the permit describes the target audiences and topics, required frequencies of efforts, a focus on construction-related issues, along with a tracking and assessment methodology. Because these efforts are of a global nature, The Expo recognizes the County and RVSS act as the primary leads in this area. To ensure compliance with this requirement, The Expo will meet with the County and RVSS at least once per year to ensure these requirements are met and to identify any new, specific contributions The Expo can make to further the overall effort. Minutes of these meetings, along with any follow-up actions for The Expo, will be documented and retained by The Expo. These requirements are listed in BMP PEO 01.

BMP PEO 01	ACTION	FREQUENCY
1.	Meet with primary agencies (the County and RVSS) to determine if the administrative requirements for public education and outreach are being met.	Annually
2.	Determine if any specific actions are needed to be undertaken by The Expo to meet these requirements. Document and follow-up as needed.	Annually

### 3.2 Public Involvement and Participation

The Expo implements a public involvement and participation program that provides opportunities for the public to effectively participate in the development of the SWMP. Because these efforts are of a global nature, The Expo recognizes the County and RVSS act as the primary leads in this area. The effective date for this program is February 28, 2020.

**3.2.1 Public Involvement and Participation Administration. BMP PIP 01.** To ensure compliance with this requirement, The Expo will meet with the County and RVSS at least once per year to ensure these requirements are met and to identify any new, specific contributions The Expo can make to further the overall effort. Minutes of these meetings, along with any follow-up actions for The Expo, will be documented and retained by The Expo.

BMP PIP 01	ACTION	FREQUENCY
1.	Meet with primary agencies (the County and RVSS) to determine if the requirements for public involvement and participation are being met.	Annually
2.	Determine if any specific actions are needed to be undertaken by The Expo to meet these administrative requirements. Document and follow-up as needed.	Annually

**3.3.2 Publicly Accessible Website. BMP PIP 02.** The Expo maintains and promotes its publicly accessible website with information on its SWMP implementation, this Stormwater Plan, contact information, and educational materials.<sup>5</sup> The website is maintained with current information and is updated at least annually. The website incorporates this Stormwater Plan and supporting information for its key elements. In addition, the website includes The Expo’s contact information for relevant staff, including phone numbers, mailing addresses, and email addresses. This information is presented in BMP PIP 02.

<b>BMP PIP 02</b>	<b>ACTION</b>	<b>FREQUENCY</b>
<b>1.</b>	Ensure The Expo public website includes the Stormwater Plan and supporting documents, along with current contact information. The Expo may choose to direct website viewers to the relevant section of RVSS’s public website to meet this requirement.	Annually

### 3.3 Illicit Discharge Detection and Elimination

The Expo implements and enforces a program to detect and eliminate illicit discharges into the Municipal Separate Storm Sewer System (MS4). An illicit discharge is any discharge to an MS4 that is not composed entirely of stormwater. Conditional exceptions (i.e., allowable non-stormwater discharges) are identified in the Permit in Schedule A.1.d. Efforts to accomplish the efforts to detect and eliminate illicit discharges include understanding site stormwater features through mapping and inventorying. This effort also includes creating and enforcing relevant ordinances as needed. In addition, complaints and reports of illicit discharges are required to be managed and incidents are to be investigated and corrective actions tracked as warranted. The effective date for this program is February 28, 2022.

**3.3.1 MS4 Mapping and Digital Inventory. BMP IDD 01.** The Expo has created an MS4 map and digital inventory which includes the location of outfalls and an outfall inventory, the stormwater conveyance system and structural stormwater control locations, and chronic illicit discharges. The map appears in the Stormwater Plan Resources and is titled Figure 1, Facilities and Stormwater Map (see Appendix 1 in Section 5). The map must include delineation of the MS4 by storm sewer drainage basin(s), as appropriate, and identify the location and characteristics of any ongoing dry weather flows. The map is to be reviewed at least annually and updated as needed.

The digital inventory includes all the known outfall locations, owned or operated by The Expo. The outfall location must include a unique identifier (for example, 001, 002, etc.), geographic information (such as global positioning coordinates or nearby landmarks) necessary to locate these outfalls in the field, and the name(s) of the receiving water(s). In addition, the digital inventory includes the names and locations of the conveyance systems and any structural stormwater controls. Finally, the digital inventory includes names and locations of any chronic illicit discharges if they exist. BMP IDD 01 ensures mapping and the digital inventory remain current.

BMP IDD 01	ACTION	FREQUENCY
1.	Ensure Figure 1. Facilities and Stormwater Map and the companion digital inventory (Appendix 2 – Digital Inventory of Stormwater Structural Improvements) is reviewed and updated to reflect changes in outfalls, conveyance systems, structural stormwater controls, and chronic illicit discharges.	Annually
2.	Ensure Appendix 2 – Digital Inventory is populated with all significant structural stormwater conveyances and features.	Annually

**3.3.2 Enforcement to Eliminate Illicit Discharges. BMP IDD 02.** As the Permit Registrant, RVSS has implemented Ordinance 4.05.100.3, which addresses water quality in storm sewers. <sup>6</sup> Per RVSS’ current Stormwater Management Program Document, RVSS is now in the process of updating the code to meet the revised list of prohibited discharges, with revisions to RVSS’ code to be brought to its board for adoption prior to February 28, 2022.

Additionally, RVSS reviewed its existing Code Enforcement Policy and updated it in FY21 to meet the Permit requirements or enforcement of the ordinance. The board adopted the revised Code Enforcement Policy in May 2021. <sup>6</sup> BMP IDD 02 addresses The Expo’s role in this ordinance and enforcement.

BMP IDD 02	ACTION	FREQUENCY
1.	Review RVSS Ordinance 4.05.100.3 and relevant sections of RVSS' Code Enforcement Policy to ensure The Expo's continued familiarity and understanding of these requirements.	Annually
2.	Train employees on relevant key elements of illicit discharges, including enforcement aspects.	Annually

**3.3.3 Managing Complaints and Reports of Illicit Discharges. BMP IDD 03.** The Expo is required to receive and respond to complaints and reports of illicit discharges. Key requirements include the implementation and promotion of a system to receive such information during business and non-business hours. The Expo must respond to all such complaints and reports as soon as possible, but at least within an average two working days. For discharges or spills of a significant nature which could constitute a threat to human health, welfare, or the environment, The Expo must respond to the source of the report within 24 hours of gaining knowledge of the complaint or report. The Expo must also determine if the nature of the release requires notification to the Oregon Emergency Response System and/or agencies and proceed accordingly. BMP 003 details these requirements.

BMP IDD 03	ACTION	FREQUENCY
1.	Establish and maintain system to respond to complaints and reports of illicit discharges. Confirm the complaint management system continues to be functional and effective.	Annually
2.	Respond in a timely manner to all complaints and reports of illicit discharges. Investigate and document such occurrences as indicated in BMP IDD 04.	As needed
3.	For illicit discharges originating offsite, notify source of discharge within 5 working days of knowledge.	As needed
4.	Ensure instructions on reporting releases to required agencies is easily accessible to staff. Ensure staff is properly trained to handle complaints and reports appropriately.	Annually

**3.3.4 Investigating Complaints and Reports of Illicit Discharges. BMP IDD 03.** Complaints and reports of illicit discharges are to be investigated and those that are found to be valid are to be investigated, documented, and followed-up with corrective actions as warranted by the incident or condition. BMP IDD 04 details these requirements.

BMP IDD 04	ACTION	FREQUENCY
1.	Upon undertaking the communication response actions described in BMP IDD 03, investigate and document the discharge or spill.	As needed
2.	Investigate and document the discharge or spill as follows: 1. Date the complaint was received 2. If available, the complainant’s name and contact information 3. Name of staff responding to the complaint 4. Date the investigation was initiated 5. The outcome of the staff investigation 6. Corrective action(s) taken to eliminate the illicit discharge 7. The responsible party for the corrective action(s) 8. The status of enforcement procedure(s), when necessary 9. The date the corrective action(s) was completed 10. Staff that evaluated final compliance 11. Other information if needed	As needed
3.	Ensure staff is properly trained to investigate complaints and reports appropriately.	Annually

**3.3.5 Dry Weather Screening Program. BMP IDD 05.** As a department of Jackson County, a Co-Implementer of the Permit, The Expo is required to conduct dry weather screening at annual frequencies for a specified percentage of MS4 outfalls as presented in the Permit. These percentages and times are presented in the BMP table below. Once 100 percent of the MS4 have undergone dry weather screening, The Expo is to designate its primary outfall locations using the criteria presented in the Permit, Schedule A.3.c.vi.(C).

Dry-weather field screening activities must occur after an antecedent dry period of at least 72-hours. The dry-weather field screening activities must be documented and include the information described below in BMP IDD 05.

BMP IDD 05	ACTION	FREQUENCY
1.	Conduct dry weather screening at a minimum 40 percent of outfalls.	Once, by 2/28/2022
2.	Conduct dry weather screening at a minimum 60 percent of outfalls.	Once, by 2/28/2023
3.	Conduct dry weather screening at a minimum 80 percent of outfalls.	Once, by 2/28/2024
4.	Conduct dry weather screening at 100 percent of outfalls.	Once, by 2/28/2025
5.	Designate primary outfall locations using the criteria presented in the Permit, Schedule A.3.c.vi.(C).	Once, coincident with Item 4. above
6.	Conduct dry weather screening at designated primary outfall locations. The four stepwise, dry weather screening procedures include: General Observations; Field Screening and Analysis; Pollutant Parameter Action; and Laboratory Analysis. Detailed descriptions of each of these procedures are found in the Permit, Schedule A.3.c.vi.(D) through (G), respectively.	Annually, starting 3/1/2025

**3.3.6 Illicit Discharge Detection and Elimination Training and Education. BMP IDD 06.**

Training requirements for staff involved with illicit discharge and elimination efforts are described above in BMPs IDD 02, 03, and 04. These requirements are repeated here in BMP IDD 06 to ensure timely completion.

BMP IDD 06	ACTION	FREQUENCY
1.	Ensure initial training is completed for staff engaged in illicit discharge and elimination efforts in a timely manner.	Once, within 30 days of individual's assignment
2.	Conduct refresher training for staff engaged in illicit discharge and elimination efforts.	Annually

**3.4 Construction Site Runoff Control**

The Expo must implement and enforce a construction site runoff control program to reduce discharges of pollutants from construction sites in its coverage area. The Expo must implement

all the relevant required components of its construction runoff control program, as described in Permit Schedule A.3.d.ii – ix, by February 28, 2023.

**3.4.1 Construction Site Runoff Control Administration. BMP CRC 01.** Key elements of the construction site runoff control efforts include the following six items: (1) Existence of ordinances and/or other regulatory mechanisms; (2) Erosion and sediment control plans (ESCPs); (3) Review of ESCPs; (4) Construction site inspections (including minimum triggers for inspections, minimum inspection documentation requirements, and specific inspection requirements for existing large communities); (5) Enforcement procedures; and (6) Tracking and assessment of these controls.

Because many of these efforts are of a global nature, The Expo recognizes Jackson County and RVSS act as the primary leads in elements (1), (5), and (6) as described above. To ensure compliance with this requirement, The Expo will meet with the County and RVSS at least once per year to ensure these requirements are met and to identify any new, specific contributions The Expo can make to further the overall effort. Minutes of these meetings, along with any follow-up actions for The Expo, will be documented and retained by The Expo. These requirements are listed in BMP CRC 01.

BMP CRC 01	ACTION	FREQUENCY
1.	Meet with primary agencies (Jackson County and RVSS) to determine if the administrative requirements (elements (1), (5), and (6) as described in the narrative above) for the construction site runoff controls are being met.	Annually
2.	Determine if any specific actions are needed to be undertaken by The Expo to meet these administrative requirements. Document and follow-up as needed.	Annually

**3.4.2 Erosion and Sediment Control Plans. BMP CRC 02.** The Expo must provide construction site operators who work in its coverage area with an Erosion and Sediment Control Plan (ESCP) template prior to commencement of construction/land disturbance. See BMP CRC 02 for detailed requirements.

BMP CRC 02	ACTION	FREQUENCY
1.	Provide construction site operators with an ESCP template or similar document for work that disturbs more than 7,000 square feet.	Once per project
2.	Require the construction site operator to complete a site-specific ESCP prior to commencement of construction/land disturbance.	Once per project
3.	Ensure the ESCP documents at a minimum: sizing criteria, performance criteria, design specifications, and guidance on selection and placement of controls, and specifications for long term operation and maintenance, including appropriate inspection interval and self-inspection checklists for use by the construction site operator.	Once per project
4.	Require the construction site operator to maintain and update the ESCP as site conditions change, or as needed.	As needed during project
5.	Require the construction site operator to keep the ESCP on site and to make it available for review by The Expo, DEQ, other administrating entities.	As needed during project

**3.4.3 Review of Erosion and Sediment Control Plans. BMP CRC 03.** As a delegated agent by DEQ to administer NPDES 1200-C and 1200-CN permits, RVSS is authorized to review and approve ESCPs developed for projects at The Expo that require ESCPs. BMP CRC 03 formalized this procedure.

BMP CRC 03	ACTION	FREQUENCY
1.	Ensure RVSS is provided with ESCPs submitted by construction site operators for review and approval prior to physical work beginning.	Once per project

**3.4.4 Construction Site Inspections. BMP CRC 04.** Construction site inspections are required to be conducted and documented based upon circumstances during the construction period. BMP CRC 04 describes the circumstances that trigger the need for inspections and the actions required.

BMP CRC 04	ACTION	FREQUENCY
1.	The Expo must conduct site stormwater inspections if: (1) the construction activity will result in land disturbance of one or more acres (or that disturb less than one acre, if it is part of a “common plan of development or sale” disturbing one or more acres); (2) sediment is visible or reported in stormwater discharge or dewatering activities from the construction site; or (3) a complaint or report is received. Additionally, at a minimum, The Expo must respond to the initial complaint if more than one report or complaint is received.	At least once during the permit term
2.	The inspection must include at a minimum: (1) A review and evaluation of the ESCP to determine if the described control measures were installed, implemented and maintained properly; (2) An assessment of the project’s compliance with The Expo’s ordinances or requirements, including the implementation and maintenance of required control measures; (3) Visual observations and documentation of any existing or potential non-stormwater discharges, illicit connections, and/or discharge of pollutants from the site. The Expo must provide documentation of recommendations to the construction site operator for follow-up; (4) If necessary, education or instruction provided to the construction site operator related to additional stormwater pollution prevention practices to comply with the approved ESCP; and (5) A written or electronic inspection report, including documentation of all necessary follow-up actions (e.g., re-inspection, enforcement) to ensure compliance with applicable requirements.	At least once during the permit term

### 3.5 Post-Construction Site Runoff for New Development and Redevelopment

The Expo must continue to implement its post-construction stormwater pollutant control program as it develops new programs to reduce discharges of pollutants and address stormwater runoff from new development and redevelopment project sites in its coverage area. These requirements are presented in Permit Schedule A.3.e. and are to be implemented by February 28, 2023.

**3.5.1 Post-Construction Site Runoff for New Development and Redevelopment**

**Administration. BMP PCR 01.** Key elements of the construction site runoff control efforts include the following seven items: (1) Existence of ordinances and/or other regulatory mechanisms; (2) Removing barriers to low impact development; (3) Implement post-construction stormwater management requirements (including a site performance standard, a treatment standard, offsite mitigation alternative compliance, and offsite stormwater mitigation options); (4) Post-construction site runoff plan reviews; (5) Long-term operation and maintenance (O&M); (6) Training and education; and (7) Tracking and assessment.

Because many of these efforts are of a global nature, The Expo allows the County and RVSS to act as the primary lead in elements (1), (2), (3) and (4) as described above. To ensure compliance with this requirement, The Expo will meet with the County and RVSS at least once per year to ensure these requirements are met and to identify any new, specific contributions The Expo can make to further the overall effort. Minutes of these meetings, along with any follow-up actions for The Expo, will be documented and retained by The Expo. These requirements are listed in BMP PCR 01.

BMP PCR 01	ACTION	FREQUENCY
1.	Meet with primary agencies (the County and RVSS) to determine if the administrative requirements (elements (1), (2), (3) and (4) as described in the narrative above) for the post-construction site runoff controls for new development and redevelopment are being met.	Annually
2.	Determine if any specific actions are needed to be undertaken by The Expo to meet these administrative requirements. Document and follow-up as needed.	Annually

**3.5.2 Long-term operation and maintenance (O&M). BMP PCR 02.** The Expo must maintain an inventory and implement a strategy to ensure that all structural stormwater controls installed in compliance with this permit are operated and maintained to meet the site performance standard in Permit Schedule A.3.e.iv. (These site performance standards are developed by RVSS and briefly described as item (3) in the narrative of 3.5.1 presented above.) The minimum requirements of the strategy are listed in BMP PCR 02.

BMP PCR 02	ACTION	FREQUENCY
1.	Develop and maintain the “digital inventory” of structural stormwater controls as described in BMP IDD 01. In addition, maintain the MS4 map (Figure 1. Facilities and Stormwater Map ) to ensure it remains current.	Annually
2.	For any structural controls owned by other entities but with the potential to impact The Expo’s stormwater discharge quality, document efforts to obtain legal authority to allow The Expo to inspect and require effective operation and maintenance of privately owned and operated structural stormwater controls that discharge to the MS4, to the extent allowable under state and federal law.	Once for each such structural stormwater control
3.	Develop and review inspection procedures and an inspection schedule to ensure compliance with the O&M requirements of each structural stormwater control	Annually
4.	Develop and maintain instructions for the safe, proper operation of each of these controls along with minimum maintenance requirements and frequencies.	Annually

**3.5.3 Training and education. BMP PCR 03.** The Expo must ensure its assigned staff are properly trained to work with all structural stormwater controls. BMP PCR 03 describes these requirements.

BMP PCR 03	ACTION	FREQUENCY
1.	Ensure all staff assigned to relevant tasks are properly trained to inspect, operate, maintain, and assess the structural stormwater controls.	Once per permit term
2.	New staff shall be trained within 30 days of their assignment to this program.	Within 30 days of assignment

**3.5.4 Tracking and assessment. BMP PCR 04.** The Expo must maintain records for activities conducted to meet the requirements of the Post-Construction Site Runoff program and include a descriptive summary of their activities in support of preparation of the Annual Report. See BMP PCR 04 for required tasks.

BMP PCR 04	ACTION	FREQUENCY
1.	Collect and compile post-construction data throughout the year as needed to assess performance.	Annually
2.	Provide summary to the County and RVSS to assist in completing the Annual Report to be submitted to DEQ.	Annually

### 3.6 Pollution Prevention and Good Housekeeping for Municipal Operations

The Expo must properly operate and maintain its facilities, using prudent pollution prevention and good housekeeping to reduce the discharge of pollutants through the MS4 to waters of the state. Because The Expo does not operate under a Standard Industrial Classification (SIC) code that requires it to hold a DEQ-issued NPDES Industrial Stormwater General Permit, the requirements of Permit Schedule A.3.f.v are not in force. The other eight requirements listed under Permit Schedule A.3.f. are addressed by BMPs numbered BMP PPH 01 – 08 presented below. These BMPs are to be implemented by February 28, 2022.

#### 3.6.1 Operation and Maintenance Strategy for Existing Structural Stormwater Controls.

BMP PPH 01. For existing structural stormwater controls installed or permitted by The Expo prior to the effective date of the Permit, The Expo must develop and implement an operation and maintenance strategy for both the controls it owns, and the controls owned and operated by other non-MS4 entities discharging to the Permit Registrant’s MS4. The Operations and Maintenance (O&M) strategy for existing structural stormwater controls must meet the long-term O&M requirements in Permit Schedule A.3.e.vi but not the site performance standards outlined in Permit Schedule A.3.e.iv. BMP PPH 01 details specific actions and frequencies needed to satisfy this requirement.

BMP PPH 01	ACTION	FREQUENCY
1.	For existing structural stormwater controls, develop and maintain the “digital inventory” as described in BMP IDD 01. In addition, maintain the MS4 map (Figure 1. Facilities and Stormwater Map ) to ensure it remains current.	Annually
2.	For any structural controls owned by other entities but with the potential to impact The Expo’s stormwater discharge quality, document efforts to obtain legal authority to allow The Expo to inspect and require effective operation and maintenance of privately owned and operated structural stormwater controls that discharge to the MS4, to the extent allowable under state and federal law.	Once for each such structural stormwater control
3.	Develop and review inspection procedures and an inspection schedule to ensure compliance with the O&M requirements of each structural stormwater control	Annually
4.	Develop and maintain instructions for the safe, proper operation of each of these controls along with minimum maintenance requirements and frequencies.	Annually

**3.6.2 Inspection and Cleaning of Catch Basins. BMP PPH 02.** The Permit requires The Expo to inspect at least 50 percent of the catch basins and inlets it owns or operates within the MS4 at least once every five years. However, the County has implemented a more proactive standard of inspecting 30 percent of catch basins each year.<sup>7</sup> The Expo must also take all appropriate maintenance or cleaning action based on those inspections to ensure the catch basins and inlets continue to function as designed. The Expo may establish a catch basin inspection prioritization system, and establish alternate inspection frequency, provided the Permit Registrant describes all relevant factors it uses to target its inspections to specific areas of its MS4 in this Stormwater Plan. See BMP PPH 02 for specific details and timing.

BMP PPH 02	ACTION	FREQUENCY
1.	Determine whether to implement a unique, site-specific catch basin inspection and cleaning priority approach or the approach described in item (2) below.	Annually
2.	If not using a unique, site-specific approach, inspect and clean as needed at least 30 percent of the catch basins within the MS4.	Annually
3.	If using a unique, site-specific approach, inspect and clean catch basins according to that BMP and describe the rationale for selecting that alternative in this Stormwater Plan.	Annually, or as dictated by schedule to be determined

**3.6.3 Pollution Prevention in Facilities and Operations. BMP PPH 03A through BMP PPH 03N.**

The Expo must conduct its municipal O&M activities in a manner that reduces the discharge of pollutants through the MS4 to protect water quality. The Permit lists 14 specific O&M activities in this category of pollution prevention initiatives for which the Expo must develop, review, and if necessary, update BMPs for inspection and maintenance schedules. These BMPs are to ensure pollution prevention and good housekeeping practices are conducted for the following activities. See the following 14 BMPS indexed by the Permit as A through L and numbered as BMP PPH 03A through BMP PPH 03N presented below for details.

**CROSS-INDEX OF POLLUTION PREVENTION IN FACILITIES AND OPERATIONS AS SHOWN IN PERMIT**

- (A) Pipe cleaning for stormwater and wastewater conveyance systems. BMP PPH 03A.
- (B) Cleaning of culverts conveying stormwater in roadside ditches. BMP PPH 03B.
- (C) Ditch maintenance. BMP PPH 03C.
- (D) Road and bridge maintenance. BMP PPH 03D.
- (E) Road repair and resurfacing including pavement grinding. BMP PPH 03E.
- (F) Dust control for roads and municipal construction sites. BMP PPH 03F.
- (G) Winter road maintenance, including salt or de-icing storage areas. BMP PPH 03G.
- (H) Fleet maintenance and vehicle washing. BMP PPH 03H.
- (I) Building and sidewalk maintenance including washing. BMP PPH 03I.
- (J) Solid waste transfer and disposal areas. BMP PPH 03J.
- (K) Municipal landscape maintenance. BMP PPH 03K.

(L) Material storage and transfer areas, including fertilizer and pesticides, Hazardous materials, used oil storage, and fuel. BMP PPH 03L.

(M) Firefighting training activities. There is no associated BMP for this activity.

(N) Maintenance of municipal facilities including public parks and open space, golf courses, airports, parking lots, swimming pools, marinas, etc. BMP PPH 03N.

**3.6.3.A Pipe cleaning for stormwater and wastewater conveyance systems. BMP PPH 03A.**

BMP PPH 03A	ACTION	FREQUENCY
1.	Visually inspect each stormwater and wastewater conveyance (pipe, channel, ditch, etc.) as possible for accumulation of debris (sediment, vegetation, litter, etc.) that could impair the flow of stormwater through the conveyance and determine the need for cleaning.	Annually
2.	If accumulation of debris is problematic, develop a strategy for removal, such as hydrojet pressure cleaning, Vactor truck, or hand removal.	Annually
3.	In addition, inspect conveyances for evidence of leaking, damage, or other significant structural problems. If there is indication of a problem that cannot be fully assessed, consider additional methods of evaluation (camera, smoke testing, dye testing, etc.).	Annually
4.	If needed, develop a plan to correct identified structural issues.	Annually
5.	Depending on circumstances, it may be useful to inspect as described in tasks (1) and (3) during both high- and low-flow periods.	--

**3.6.3.B Cleaning of culverts conveying stormwater in roadside ditches. BMP PPH 03B.** For additional information, see the reference: Oregon Department of Transportation, Routine Road Maintenance | Water Quality and Habitat Guide Best Management Practices, Revised 2020, Activities 120 and 121/626. <sup>8</sup> In addition, see BMP PPH 03B, below.

<b>BMP PPH 03B</b>	<b>ACTION</b>	<b>FREQUENCY</b>
1.	Visually inspect each reach of the roadside stormwater ditches and associated culverts to determine if cleaning is needed.	Annually
2.	If cleaning is needed, determine which regulations, if any, may apply to the work. Consider in-water work permits (United States Army Corps of Engineers (USACE) / Oregon Department of State Lands (DSL) joint permit; Oregon State Office of Historic Preservation (SOHP); a waste determination (as hazardous or non-hazardous) and any specific waste disposal requirements; other regulations as needed.	For each cleaning event
3.	Select work method(s) that minimize disruption of the ditch area as much as feasible.	For each cleaning event
4.	Perform ditch work in optimum weather (when the ditch is dry but there is still sufficient soil moisture to prevent dust and the movement of small particulates) to minimize environmental impacts where feasible.	For each cleaning event
5.	Place clean dredge spoils in upland areas that will not drain into stormwater conveyance.	For each cleaning event
6.	Use adaptive management to modify work as needed to protect stormwater quality.	For each cleaning event

**3.6.3.C Ditch maintenance. BMP PPH 03C.** For additional information, see the reference: Oregon Department of Transportation, Routine Road Maintenance | Water Quality and Habitat Guide Best Management Practices, Revised 2020, Activity 124.<sup>9</sup> In addition, see BMP PPH 03C, below.

BMP PPH 03C	ACTION	FREQUENCY
1.	Visually inspect each reach of the stormwater ditches and determine if maintenance is needed.	Annually
2.	If maintenance is needed, complete tasks (2) through (6) of BMP PPH 03B as appropriate.	For each maintenance event
3.	In addition, select maintenance and/or repair designs, materials, and work methods to ensure long term durability of the maintenance action taken. For example, if needed use appropriate rock sources to maximize safety, operation, and habitat function.	For each maintenance event

**3.6.3.D Road and bridge maintenance. BMP PPH 03D.** The Permit requires The Expo to maintain its roads and bridges to protect stormwater quality. The Expo has no on-site bridges, therefore BMP PPH 03D is limited to road maintenance activities. Pavement work, also known as surface work, is described in BMP PPH 03E. For additional information, see the reference: Oregon Department of Transportation, Routine Road Maintenance | Water Quality and Habitat Guide Best Management Practices, Revised 2020, Activity 112. <sup>10</sup> In addition, see BMP PPH 03D, below.

BMP PPH 03D	ACTION	FREQUENCY
1.	Visually inspect roadways, parking lots, and other similar vehicle passageways to determine condition. If maintenance is required, complete the following tasks as needed.	Annually
2.	Select a weather season for work that will not unduly impact stormwater quality.	For each maintenance event
3.	Select a design that will effectively repair the subsurface, shoulders, and erosion problems that will minimize impacts to stormwater.	For each maintenance event
4.	Select contractor(s) with safety, environmental, and quality performance that match requirements of The Expo.	For each maintenance event
5.	Ensure contractor(s) are prepared to respond to any spills of fuels, oils, or materials, including having spill response kits available.	For each maintenance event

**3.6.3.E Road repair and resurfacing including pavement grinding. BMP PPH 03E.** The Permit requires The Expo to maintain its roads and road surfaces to protect stormwater quality. This is also known as surface work. For additional information, see the reference: Oregon Department of Transportation, Routine Road Maintenance | Water Quality and Habitat Guide Best Management Practices, Revised 2020, Activities 100 – 110. <sup>11</sup> In addition, see BMP PPH 03E, below.

BMP PPH 03E	ACTION	FREQUENCY
1.	Visually inspect roadways, parking lots, and other similar paved areas (asphalt or concrete) to determine their surface condition. If maintenance is required, complete the following tasks as needed.	Annually
2.	Select a weather season for work that will not unduly impact stormwater quality.	For each maintenance event
3.	Avoid siting batch plants (asphalt or concrete) with their inherent risks and instead import pre-made surface materials from local sources.	For each maintenance event
4.	Select contractor(s) with safety, environmental, and quality performance that match requirements of The Expo.	For each maintenance event
5.	Ensure contractor(s) are prepared to respond to any spills of fuels, oils, or materials, including having spill response kits available.	For each maintenance event

**3.6.3.F Dust control for roads and municipal construction sites. BMP PPH 03F.** The Expo is required by the Permit to control dust from roads and construction activities. RVSS has taken the lead in developing BMPs for dust control. See the reference: Stormwater Management Program (SWMP) Document, October 2021, Rogue Valley Sewer Services, Appendix C, Standard Operating Procedures and Best Management Practices for Pollution Prevention and Good Housekeeping. <sup>12</sup> See BMP PPH 03F below for key tasks associated with dust control.

BMP PPH 03F	ACTION	FREQUENCY
1.	Inspect surfaces for generation of fugitive dust during dry weather periods.	As needed
2.	If needed, consider applying liquid dust control agents (palliatives) such as water, magnesium acetate, or others.	As needed
3.	Apply dust control agents in accordance with the manufacturers' recommendations.	Whenever used
4.	Apply dust control agents in a manner that is not detrimental to either water or vegetation.	Whenever used
5.	Apply dust control agents at a rate low enough to prevent runoff of dust suppressant product into roadside ditches.	Whenever used

**3.6.3.G Winter road maintenance, including salt or de-icing storage areas. BMP PPH 03G.**

The Expo is required to implement BMPs for winter road maintenance if it conducts wintertime activities of plowing or chemical de-icing. For additional information, see the reference: Activities 177, Oregon Department of Transportation, Routine Road Maintenance | Water Quality and Habitat Guide Best Management Practices, Revised 2020, Activity 177, Page 51. <sup>13</sup> In addition, see BMP PPH 03E, below.

BMP PPH 03G	ACTION	FREQUENCY
1.	Visually inspect roadways and parking lots when icy or covered with snow to determine if winter road maintenance is needed.	As needed
2.	If snow plowing is to be conducted, prior to commencing work determine methods of protecting nearby improvements and the location where the removed snow will be placed.	As needed
3.	If de-icing agents are to be used, review the BMPs in the reference noted above and follow as applicable.	As needed

**3.6.3.H Fleet maintenance and vehicle washing. BMP PPH 03H.** The Permit requires The Expo to develop and implement BMPs for its fleet maintenance and vehicle washing activities. BMPs for both activities are described in BMP PPH 03H below.

BMP PPH 03H	ACTION	FREQUENCY
1.	Vehicle and mobile equipment maintenance that must be conducted on-site shall be completed indoors, under a cover, or with sufficient containment beneath the vehicle so that runoff of vehicle-related chemical products will not flow onto paved or earthen surfaces.	Whenever fleet maintenance occurs
2.	Spill control and cleanup materials shall be kept in the vicinity of vehicle maintenance activities.	Whenever fleet maintenance occurs
3.	Vehicle and mobile equipment washing that must be conducted on-site shall be completed in such a way that wash water impacted with soap, detergents, vehicle oils, or other deleterious compounds does not infiltrate into pervious surfaces or runoff into stormwater conveyances.	Whenever fleet washing occurs

**3.6.3.1 Building and sidewalk maintenance including washing. BMP PPH 03I.** The Expo is required by permit to develop and implement BMPs to conduct building and sidewalk maintenance, including washing. RVSS has taken the lead in developing BMPs for this work. For detailed information see the reference: Stormwater Management Program (SWMP) Document, October 2021, Rogue Valley Sewer Services, Appendix C, Standard Operating Procedures and Best Management Practices for Pollution Prevention and Good Housekeeping, Page 11.<sup>14</sup> See BMP PPH 03F below for key tasks associated with building and sidewalk maintenance and washing.

BMP PPH 03I	ACTION	FREQUENCY
1.	Prior to washing parking lots, sidewalks or driveways, use dry cleanup methods first, such as sweeping, blowing, or vacuuming.	As needed
2.	If wash or rinse water could reach storm drains, protect them with filtering BMPs or impervious BMPs such as drain covers or mats prior to any maintenance activity. Wood chip bio-bags are not appropriate protection for washing and painting.	As needed
3.	Washwater is not permitted to flow into the stormwater system. When maintenance operations produce washwater, the washwater must be collected and disposed of in the sanitary sewer system or directed to a location where it can infiltrate into soil.	As needed
4.	Use only biodegradable soaps and cold water.	As needed
5.	Follow EPA lead paint guidelines if pre-1978 era paint is involved.	As needed
6.	Immediately clean-up spills of any pollutants, such as lubrication oil and fuels, with absorbent materials.	As needed
7.	Properly dispose of all debris generated.	As needed

**3.6.3.J Solid waste transfer and disposal areas. BMP PPH 03J.** The Expo is required to properly manage its solid waste streams to protect stormwater quality and to comply with other relevant requirements. It is important to note that solid waste refers to wastes regardless of physical state and may be solid, liquid, or gaseous. Solid waste is generated from many activities, including food service, cleaning, maintenance, improper disposal by others, etc. Proper management includes storage, handling, labeling, transportation, and disposal. See BMP PPH 03J below for details.

BMP PPH 03J	ACTION	FREQUENCY
1.	For each solid waste generated a waste determination must be documented as to whether the solid waste is hazardous or non-hazardous. Special management requirements apply if the waste is determined to be hazardous. See the DEQ website for more information. <sup>15</sup>	Once for each waste generated
2.	Solid waste must be covered or otherwise contained so that it is not contacted by stormwater.	Continuously
3.	Solid wastes must be handled and transported to prevent spillage.	Continuously
4.	Solid waste containers and stockpiles must be clearly labeled as to their contents.	Continuously
5.	Solid wastes must be properly disposed of in a timely manner in accordance with all regulations and the receiving landfill or disposal site.	Continuously

**3.6.3.K Municipal landscape maintenance. BMP PPH 03K.** RVSS has taken the lead in developing BMPs for conducting municipal landscape maintenance. See the reference: Stormwater Management Program (SWMP) Document, October 2021, Rogue Valley Sewer Services, Appendix C, Standard Operating Procedures and Best Management Practices for Pollution Prevention and Good Housekeeping, Page 16. <sup>16</sup> See BMP PPH 03K for additional information.

BMP PPH 03K	ACTION	FREQUENCY
1.	Review Reference Endnote No. 16 described in the narrative above and follow the BMPs there.	Each time landscape maintenance is conducted

**3.6.3.L Material storage and transfer areas, including fertilizer and pesticides, hazardous materials, used oil storage, and fuel. BMP PPH 03L.** The Expo is required to store its fertilizer, pesticides, hazardous materials, hazardous wastes, used oil, paints, fuels and other chemical products in a manner that prevents them from impacting stormwater. BMPs for storing and transferring these compounds are presented below in BMP PPH 03L.

BMP PPH 03L	ACTION	FREQUENCY
1.	Chemical products that may be toxic, flammable, reactive, or otherwise deleterious to stormwater must be stored in a manner that protects them from accidental release.	Continuously
2.	Storage areas should be physically protected from impact such as from vehicles or equipment.	Continuously
3.	Flammable compounds should be stored in flameproof cabinets.	Continuously
4.	Storage and transfer areas should be properly signed to make staff aware of relevant hazards and precautions needed.	Continuously
5.	Liquid chemical products should be stored that spillage or leakage does not enter stormwater conveyances.	Continuously

**3.6.3.M Firefighting training activities.** The Expo does not conduct firefighting training activities and is therefore not required to implement a BMP for this activity. For more information see page 20, Stormwater Management Program (SWMP) Document, October 2021, Rogue Valley Sewer Services.

**3.6.3.N Maintenance of municipal facilities including public parks and open space, golf courses, airports, parking lots, swimming pools, marinas, etc. BMP PPH 03N.** Among the facilities listed under this section, The Expo maintains public parks, open spaces, and parking lots. Of these, maintenance of parking lots is addressed by BMP PPH 03D and BMP PPH 03E, and maintenance of open spaces is addressed by BMP PPH 03K. Maintenance of public park areas not covered by other BMPs in Section 3.6 include the maintenance of public restrooms and portable restrooms. BMPs for these operations are presented below in BMP PPH 03N.

BMP PPH 03N	ACTION	FREQUENCY
1.	Develop a schedule of inspection and cleaning for periods of public attendance and usage of restrooms at the facility.	As needed
2.	Include inspection of plumbing condition, especially for leakage.	As needed
3.	Repair any instances of leakage and cleanup associated spillage.	As needed

**3.6.4 Requirements for Pesticide and Fertilizer Applications. BMP PPH 04.** RVSS has taken the lead in developing BMPs for usage and application of pesticide and fertilizer products. See the reference: Stormwater Management Program (SWMP) Document, October 2021, Rogue Valley Sewer Services, Appendix C, Standard Operating Procedures and Best Management Practices for Pollution Prevention and Good Housekeeping, Page 16.<sup>16</sup>

BMP PPH 04	ACTION	FREQUENCY
1.	Review Reference Endnote No. 16 described in the narrative above and follow the BMPs listed in the reference.	Each time a pesticide or fertilizer is stored or used

**3.6.5 Litter Control. BMP PPH 05.** The Expo is required by the Permit to control litter and prevent it from entering stormwater conveyances. See BMP PPH 05 for specific details.

BMP PPH 05	ACTION	FREQUENCY
1.	The grounds must be inspected at regular intervals to determine if litter collection and homeless camp removal is required.	Monthly, or more often if needed
2.	Litter must be picked-up, stored, and disposed at varying intervals to prevent accumulation and migration.	As needed
3.	If needed, homeless camp removal can be coordinated with the County.	As needed

**3.6.6 Materials Disposal. BMP PPH 06.** The Expo is required to properly dispose of waste materials to protect stormwater quality. BMP PPH 06 below provides the tasks necessary to ensure proper disposal.

<b>BMP PPH 06</b>	<b>ACTION</b>	<b>FREQUENCY</b>
1.	For each solid waste generated a waste determination must be documented as to whether the solid waste is hazardous or non-hazardous. Special management requirements apply if the waste is determined to be hazardous. See the DEQ website for more information. <sup>15</sup>	Once for each waste generated
2.	Solid wastes must be covered or otherwise contained so that it is not contacted by stormwater.	Continuously
3.	Solid wastes must be handled and transported to prevent spillage.	Continuously
4.	Solid waste containers and stockpiles must be clearly labeled as to their contents.	Continuously
5.	Solid wastes must be properly disposed of in a timely manner in accordance with all regulations and the receiving landfill or disposal site.	Continuously

**3.6.7 Stormwater Infrastructure Staff Training. BMP PPH 07.** The Expo is required by the Permit to ensure compliance with its stormwater requirements through proper training of staff both as new hires and through continuing training throughout the course of their employment. See BMP PPH 07 for details.

<b>BMP PPH 07</b>	<b>ACTION</b>	<b>FREQUENCY</b>
1.	For staff members who are assigned duties that include any or all the BMPs in this Stormwater Plan, ensure they are fully trained and documented in the performance of the relevant BMPs.	Within 30 days of being assigned to perform BMPs
2.	For employees who continue to perform work in support of stormwater BMPs, ensure they receive refresher training.	Annually
3.	Employees will need specific, interim training should procedures or equipment change prior to the annual training event.	As needed
4.	Records of training curriculum and materials along with staff training attendance are to be kept and archived.	Ongoing

**3.6.8 Tracking and Assessment. BMP PPH 08.** The Expo is required to document BMP activities and evaluate their effectiveness.

BMP PPH 08	ACTION	FREQUENCY
1.	Document all BMP inspections and activities as they are completed. Compile into a format that allows for evaluation.	Ongoing
2.	Assess the compiled BMP data collected in Task (1) in order to evaluate the overall stormwater protection program.	Annually
3.	Modify the stormwater protection program as necessary to ensure continual improvement.	Annually

#### 4.0 Monitoring and Reporting Requirements.

As noted in the Section 2.0 Stormwater Plan Administration of this Stormwater Plan, RVSS serves as the Permit Registrant. In that role RVSS has the lead for any stormwater quality monitoring and reporting that may be required by the Permit. In addition, as the Permit Registrant RVSS also prepares and submits the Annual Report to DEQ for each stormwater reporting year (July 1 – June 30) by November 30 of the following reporting year. As a Co-Implementer of the Permit, Jackson County provides stormwater information to support RVSS in its preparation of the Annual Report. The Expo provides stormwater information to the County for ultimate use by RVSS.

## **5.0 Stormwater Plan Appendices.**

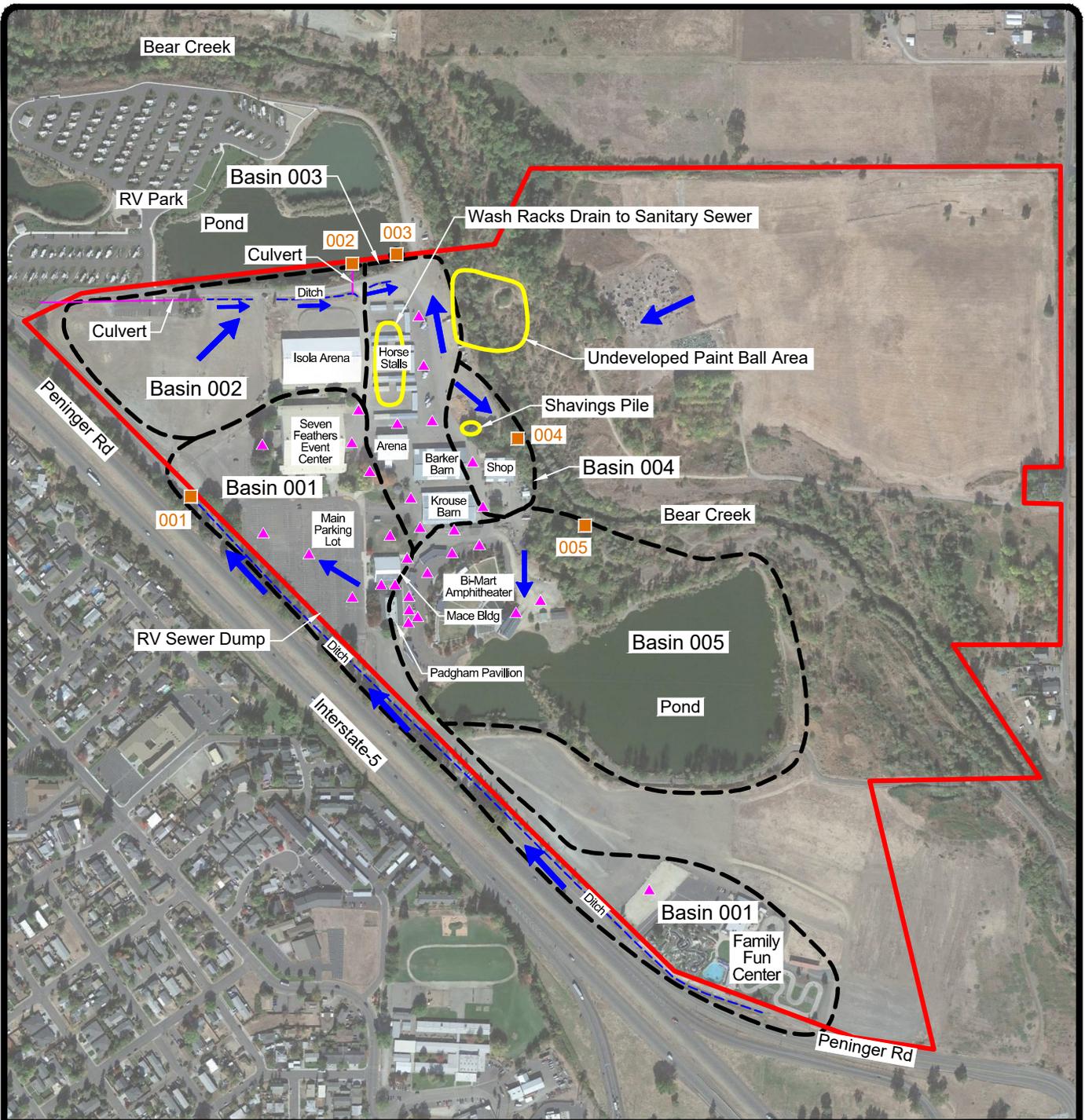
**Appendix 1 – Figure 1, Facilities and Stormwater Map**

**Appendix 2 – Digital Inventory of Stormwater Structural Improvements**

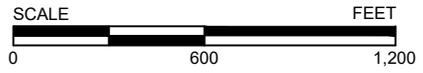
**Appendix 3 – Annual BMP Tracking Table**

**Appendix 4 – Document Endnotes**

**Appendix 1**  
**Figure 1, Facilities and Stormwater Map**



SOURCE: GOOGLE EARTH (2020)



**LEGEND**

- Approximate Subject Property Boundary
- ▲ Storm Drain Location, Approximate
- 001 Outfall Location with Identifier, Approximate
- ➔ Sheet Flow Direction, Approximate
- - - Approximate Drainage Basin Area



DATE: 2/23/22      DRAWN BY: SRM

Figure 1  
 Facilities and Stormwater Map  
 Jackson County Expo  
 Central Point, Oregon

## **Appendix 2**

### **Digital Inventory of Stormwater Structural Improvements**

The Expo's inventory of stormwater structural improvements is limited to its outfall discharge locations listed here and on the legend in Appendix 1, Facilities and Stormwater Map. The geographic longitude and latitude for each location is presented on the Map as well.

#### **Inventory**

- Outfall 001 – 42deg, 23min, 08.46sec North, 122deg, 54min, 46.29sec West
- Outfall 002 – 42deg, 23min, 17.29sec North, 122 deg, 54min, 38.47sec West
- Outfall 003 – 42deg, 23min, 17.98sec North, 122deg, 54min, 35.96sec West
- Outfall 004 – 42deg, 23min, 10.08sec North, 122deg, 54min, 29.01sec West
- Outfall 005 – 42deg, 23min, 07.91sec North, 122deg, 54min, 25.41sec West

**Appendix 3**  
**Annual BMP Tracking Table**

The Expo

ANNUAL STORMWATER BMP TRACKING TABLE

Monitoring Year: July Once – June 30, \_\_\_\_\_

BMP NO.	MINIMUM ANNUAL FREQUENCY	COMPLETION DATE(S)				* NOTES
		FIRST	SECOND	THIRD	FOURTH	
PEO 01	Once					
PIP 01	Once					
PIP 02	Once					
IDD 01	Once					
IDD 02	Once					
IDD 03	Once					Frequency determined by incident; Training is annual
IDD 04	Once					Frequency determined by incident; Training is annual
IDD 05	Varies *					See BMP IDD 05 for frequencies and deadlines
IDD 06	Varies *					See BMP IDD 06 for frequencies and deadlines
CRC 01	Once					
CRC 02	Varies *					Once per project and other specific items as needed
CRC 03	Varies *					Once per qualifying project

The Expo

ANNUAL STORMWATER BMP TRACKING TABLE

Monitoring Year: July Once – June 30, \_\_\_\_\_

BMP NO.	MINIMUM ANNUAL FREQUENCY	COMPLETION DATE(S)				* NOTES
		FIRST	SECOND	THIRD	FOURTH	
CRC 04	Varies *					At least once per qualifying project
PCR 01	Once					
PCR 02	Once *					Update throughout the year as significant changes are made
PCR 03	Varies *					At least once during the Permit term; Within 30 days for newly assigned staff members; As needed for new equipment or change procedures
PCR 04	Once *					Collect data throughout the year
PPH 01	Once					
PPH02	Once *					Frequency may be varied depending on schedule selected. Currently it has been set by the County as a minimum of 30 percent of catch basins annually
PPH 03A	Once *					May need to inspect during both high- and low-flow events
PPH 03B	Once					
PPH 03C	Once					
PPH 03D	Once					

The Expo

ANNUAL STORMWATER BMP TRACKING TABLE

Monitoring Year: July Once – June 30, \_\_\_\_\_

BMP NO.	MINIMUM ANNUAL FREQUENCY	COMPLETION DATE(S)				* NOTES
		FIRST	SECOND	THIRD	FOURTH	
PPH 03E	Once					
PPH 03F	Varies					
PPH 03G	Varies					
PPH 03H	Varies *					Whenever fleet maintenance or vehicle washing occurs
PPH 03I	Varies *					Whenever maintaining buildings or sidewalks
PPH 03J	Ongoing *					Proper solid waste management is continuous
PPH 03K	Varies *					Whenever landscape management is conducted
PPH 03L	Ongoing *					Proper chemical product management is continuous
PPH 03M	N/A					
PPH 03N	Varies *					Required when public is in attendance at facility
PPH 04	Varies *					Each time a pesticide or fertilizer is stored or used
PPH 05	Monthly *					Or more frequent if needed

The Expo

ANNUAL STORMWATER BMP TRACKING TABLE

Monitoring Year: July Once – June 30, \_\_\_\_\_

BMP NO.	MINIMUM ANNUAL FREQUENCY	COMPLETION DATE(S)				* NOTES
		FIRST	SECOND	THIRD	FOURTH	
PPH 06	Ongoing *					Proper solid waste management is continuous
PPH 07	Varies *					Within 30 days for newly assigned staff; Annually for others
PPH 08	Varies *					BMP Data collection is ongoing throughout the year; Program assessment and modification if necessary is annual

**Appendix 4**

**The Expo**

**Stormwater Plan**

**Document Endnotes**

**February 28, 2022**

NO.	REFERENCE DOCUMENT, PAGE(S)	NOTES / LINKS
1	National Pollutant Discharge Elimination System (NPDES) Phase II General Permit (Permit) for Municipal Separate Storm Sewer Systems, Modified March 12, 2021	<a href="#">ms4P2PermitMod.pdf (oregon.gov)</a>
2	Stormwater Management Program (SWMP) Document, October 2021, Rogue Valley Sewer Services, Page 1	<a href="#">SWMP Draft Education and Public Involvement Components (rvss.us)</a>
3	DEQ Permit Evaluation Letter, March 12, 2021, Page 31	<a href="#">Microsoft Word - MS4 PhaseII Permit Mod Public Comment Edits PER Document Final .docx (oregon.gov)</a>
4	DEQ Annual Report for MS4 Phase II Permits	<a href="#">MS4 Phase II Annual Report (oregon.gov)</a>

5	The Expo Public Website	<a href="http://attheexpo.com">The Expo - Jackson County - Oregon (attheexpo.com)</a>
6	Stormwater Management Program (SWMP) Document, October 2021, Rogue Valley Sewer Services, Page 8	<a href="http://rvss.us">SWMP Draft Education and Public Involvement Components (rvss.us)</a>
7	Stormwater Management Program (SWMP) Document, October 2021, Rogue Valley Sewer Services, Page 18	<a href="http://rvss.us">SWMP Draft Education and Public Involvement Components (rvss.us)</a>
8	Oregon Department of Transportation, Routine Road Maintenance   Water Quality and Habitat Guide Best Management Practices, Revised 2020, Page 30	<a href="#">blue book.pdf (oregon.gov)</a>
9	Oregon Department of Transportation, Routine Road Maintenance   Water Quality and Habitat Guide Best Management Practices, Revised 2020, Activity 124, Page 22	<a href="#">blue book.pdf (oregon.gov)</a>
10	Oregon Department of Transportation, Routine Road Maintenance   Water Quality and Habitat Guide Best Management Practices, Revised 2020, Activity 112, Page 22	<a href="#">blue book.pdf (oregon.gov)</a>
11	Oregon Department of Transportation, Routine Road Maintenance   Water Quality and Habitat Guide Best Management Practices, Revised 2020, Activities 100-110 Page 20	<a href="#">blue book.pdf (oregon.gov)</a>
12	See the reference: Stormwater Management Program (SWMP) Document, October 2021, Rogue Valley Sewer Services, Appendix C, Standard Operating Procedures and Best Management Practices for Pollution Prevention and Good Housekeeping, Page 11	<a href="http://rvss.us">SWMP Draft Education and Public Involvement Components (rvss.us)</a>
13	Oregon Department of Transportation, Routine Road Maintenance   Water Quality and Habitat Guide Best Management Practices, Revised 2020, Activities 100-110 Page 20	<a href="#">blue book.pdf (oregon.gov)</a>
14	See the reference: Stormwater Management Program (SWMP) Document, October 2021, Rogue Valley Sewer Services, Appendix C, Standard Operating Procedures and Best Management Practices for Pollution Prevention and Good Housekeeping, Page 11	<a href="http://rvss.us">SWMP Draft Education and Public Involvement Components (rvss.us)</a>
15	DEQ Hazardous Waste Website	<a href="#">Department of Environmental Quality : Hazardous Waste Home : Hazardous Waste : State of Oregon</a>
16	Stormwater Management Program (SWMP) Document, October 2021, Rogue Valley Sewer Services, Appendix C, Standard Operating Procedures and Best Management Practices for Pollution Prevention and Good Housekeeping, Page 16 Page 39	<a href="http://rvss.us">SWMP Draft Education and Public Involvement Components (rvss.us)</a>