Annual Report

MS4 Phase II General Permit

National Pollutant Discharge Elimination System
MS4 Stormwater Discharge Permit

State of Oregon
Department of
Environmental
Quality

Monitoring Year: FY24
Permit Registrant: City of Springfield
Date Prepared/Submitted: August 20, 2024

DEQ File No.: 84048

Certification and Signature
1. Permit Registrant(s): City of Springfield
2. Legally Authorized Representative: Matt Stouder
3. Title: Environmental Services Division Director
4. Email: mstouder@springfield-or.gov
5. Phone: 541.736.1006
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations (40 CFR 122.22(d)).

Signature

10/16/24
Date

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Instructions

At least once per year, the permit registrant must evaluate compliance with the requirements of the MS4 Phase II general permit using this Annual Report template. This self-evaluation includes assessment of progress made towards implementing the SWMP control measures in Schedule A, and implementation of actions to comply with any additional requirements identified pursuant to Schedule D.1 (Requirements for Discharges to Impaired Waterbodies).

For each SWMP control measure or activity listed below, please answer all the questions and in the comments field cite any relevant information and/or statistics that helps to illustrate implementation or compliance. If your answer is “No,” in the comments field explain the reasons and outline the anticipated implementation timeline. If the requirement does not apply, explain why it is not applicable in the comments field.

No later than November 1 each year, beginning in 2020, the permit registrant must submit an Annual Report to DEQ. One signed copy and one electronic copy must be submitted to DEQ using the address provided in permit. DEQ can provide an FTP site for submittal of the electronic copy, upon request.

General Information

Registrant Information

6. Permit Registrant(s): City of Springfield		
7. Type(s): ☒ City / ☐ County / ☐ Special District / ☐ Other:		
8. Registrant Type: Existing Registrant: ☒ New Registrant: ☐		
9. Community Type: Large Community: ☒ Small Community: ☐		
10. DEQ Permit No: 84048		
11. EPA File No: ORS084048		
12. Physical Address: 225 Fifth Street, Suite 101		
City: Springfield	State: OR	Zip: 97477
13. Point of Contact: Meghan Murphy		
Title: Environmental Services Supervisor	Email: mmurphy@springfield-or.gov	Phone: 541.744.3385
14. Mailing Address (*if different*): same		
City:	State:	Zip:

Municipal Separate Storm Sewer System (MS4) Information

15. Estimate the area in square mileage served by the MS4: 15.74 square miles

16. Estimate the population served by the MS4: 61,400 (US Census)

MS4 Stormwater Discharge Information

Identify the names of all known waters that receive a discharge from your MS4.

Receiving Waterbody	# of Outfalls	Impaired waterbody		Impairment(s)
		303d listed	TMDL issued	
a. Irving Slough	14	Yes ☐ No ☒	Yes ☐ No ☒	
b. Springfield Mill Race	7	Yes ☒ No ☐	Yes ☐ No ☒	DO, bacteria
c. Channel 6	20	Yes ☐ No ☒	Yes ☐ No ☒	
d. Q-Street Floodway	67	Yes ☐ No ☒	Yes ☐ No ☒	
e. Main Stem Willamette River	5	Yes ☒ No ☐	Yes ☒ No ☐	303(d) = DO; TMDL = Bacteria, Temperature, Mercury
f. Middle Fork Willamette River	1	Yes ☒ No ☐	Yes ☒ No ☐	303(d) = DO; TMDL = Bacteria, Temperature, Mercury
g. McKenzie River	4	Yes ☒ No ☐	Yes ☒ No ☐	303(d) = DO, Alkalinity; TMDL = Bacteria, Temperature, Mercury
h. South Cedar Creek	6	Yes ☒ No ☐	Yes ☐ No ☒	Temperature
i.		Yes ☐ No ☐	Yes ☐ No ☐	
j.		Yes ☐ No ☐	Yes ☐ No ☐	

Coordination Among Registrants and Joint Agreements

Required for permit registrants relying on another entity to satisfy one or more of the requirements of the permit.

17. Is there a joint agreement in place for the implementation of one or more stormwater management program control measures? *Schedule A.2* Yes ☒ No ☐

18. If yes, has there been any change to the joint agreement(s) submitted previously? Yes ☒ No ☐
If yes, include, as an attachment, a summary of the changes. Our IGA with Lane County was extended in June 2024.
The summary must identify the other co-registrants/co-implementers or other entities

Stormwater Management Program Information

19. Discuss the status and overall progress of establishing legal authority to control pollutant discharges into and discharges from the MS4 and to implement and enforce the conditions of this permit. *Schedule A.2.c*
Springfield has had coverage under the NPDES permit system since 2007. We have established legal authority under both our development (post-construction) and municipal (IDDE and construction site runoff) codes.

Stormwater Management Program Information

20. Is an updated SWMP Document attached? *Schedule A.2.c*

Yes ☐ No ☒ *(must be submitted with the second Annual Report)*

If necessary, provide an explanation: Please see the SWMP document provided in the FY22 Annual Report.

21. Identify the publicly accessible website where the SWMP Document is posted. *Schedule 2.c & A.3.b.ii*
https://springfieldstreams.org
If necessary, provide an explanation: The MS4 Plan is posted along with the existing SWMP from 2010.

22. Does the SWMP Document include an implementation schedule for control measures that have yet to be or are partially implemented? *Schedule A.2.c*

Yes ☒ No ☐

If necessary, provide an explanation: The MS4 Plan schedule is based on the MS4 permit, issued June 1, 2021. All measures are complete.

23. Describe the method used to gather, track, and use SWMP information to set priorities or assess compliance: *Schedule A.2.d*
Databases and field tablets are used to gather and track program implementation. A Stormwater Log is used along with program and project descriptions to assess compliance with control measure implementation. Operations uses a work order format and database for tracking purposes. We maintain a set of Compliance Books that track overall program implementation in hard copy. Program assessment/review templates were developed and implemented that provide a program review for the six control measures and summarize progress toward program implementation.

24. Have finances, staff, equipment and other support capabilities been provided to implement the permit? *Schedule A.2.e*

Yes ☒ No ☐

If necessary, provide an explanation: Currently, program funding comes from stormwater user fees.

25. During this monitoring year was compliance with the requirements of this permit evaluated? *Schedule B.1*

    Yes ☒ No ☐

    If necessary, provide an explanation: Program assessment/review templates were developed and implemented that provide a program review for the six control measures and summarize progress toward program implementation.

26. During this monitoring year was it determined or reported that discharge from the MS4 caused or contributed to an excursion of an applicable water quality standard? *Schedule A.1.b*

    Yes ☐ No ☒

    If "Yes", complete Water Quality Standards section (p. 21) of this template.

Stormwater Management Program Control Measures

Public Education and Outreach

27. Provide a brief summary of the ongoing public education and outreach program. *Schedule A.3.a*

Springfield's Public Education and Outreach program has been implemented since 2007. We have active programs addressing bacteria, temperature, mercury, and general stormwater pollution prevention. Some highlights from FY24 include:

- Four new UpStream Art murals
- Spring Clean Up and Public Works Week (May 2024)
- Clean Water University (October 2023)
- Created a Canines for Clean Water calendar and held a 'scoop the poop' pledge event at Pet Fest
- Pollution Prevention Coalition booth at the Lane County Home Show
- Continued participation in the Clean Rivers Coalition
- Earth Day poster contest
- Developed new Clean Water Fact Sheets for moss removal, restaurants, de-icers, and RV waste
- Outreach mailings to businesses (auto shops, pet care, pressure washers, garden centers, mobile washers) to prevent IDDEs
- Updated brochures, fact sheets, and our website, including Spanish translation

We have programs that address the listed target audiences in section A.3.a.iv. We implement at least two educational messages per year. Some of our largest programs are Canines for Clean Water, Pet Waste Stations, Clean Water Garden, Clean Water Business, EcoBiz and Clean Water Biz, Clean Water University, UpStream Art, Septic System Maintenance, and Little Litter.

We have completed our MS4 Plan goals on time, updated our Public Education and Outreach Strategy quarterly, updated City Council and the public on stormwater pollution prevention, and completed our annual assessment of one educational activity.

28. Were the required components in place by the implementation date? *Schedule A.3.a.i*

Yes ☒ No ☐ *(Implementation date: Feb. 28, 2020 for Existing Registrant, Sept. 1, 2023 for New Registrants and February 28, 2024 for Albany, Corvallis, Millersburg, Springfield and Turner)*

29. Provide the number of education and outreach activities conducted: *Schedule A.3.a.iii*

During this reporting year: 30, of which 28 included people from the UTZ

30. During the permit term: 30 (FY24) + 30 (FY23) + 32 (FY22) + 8 (FY21) = 100

If necessary, provide an explanation:

FY21 reported as: 8 *of which 6 included people from the UTZ*
FY22 reporting as: 32 *of which 29 included people from the UTZ*
FY23 reporting as: 30 *of which 26 included people from the UTZ*

31. Indicate target audiences addressed during this reporting year: *Schedule A.3.a.iv*

- ☒ General public, homeowners, homeowner association, schoolchildren, and businesses
- ☒ Local elected officials, land use planners and engineers
- ☒ Construction site operators

32. Have each target audience been addressed during the permit term? *Schedule A.3.a.iv*

Yes ☒ No ☐

33. Indicate target topics addressed during this reporting year: *Schedule A.3.a.iv*

- ☒ Impacts of illicit discharges on receiving waters and how to report them
- ☒ Impacts from impervious surfaces and appropriate techniques to avoid adverse impacts
- ☒ BMPs for proper use, application and storage of pesticides and fertilizer
- ☒ BMPs for litter and trash control
- ☒ BMPs for recycling programs

☒ BMPs for power washing, carpet cleaning and auto repair and maintenance
☒ Low impact development/green infrastructure
☒ Information pertaining to maintenance of septic systems
☒ Watershed awareness and how storm drains lead to local creeks and rivers, and potential impacts to fish and other wildlife
☒ Other: temperature, mercury, and bacteria education per our TMDL

34. Describe the types of educational messages or activities distributed and/or offered during this reporting year. *Schedule A.3.a.iii*

- Revised and updated our Clean Water Fact Sheet series, and created four new fact sheets (RV waste, de-icers, Moss removal, and restaurants)
- Updated erosion and sediment control (LDAP) fact sheets, and created 5 new fact sheets
- Four new UpStream Art murals
- Spring Clean Up and Public Works Week (May 2024)
- Clean Water University (October 2024)
- Canines for Clean Water calendar and pledge drive at Pet Fest
- Booth at the Pollution Prevention Coalition booth at the Lane County Home Show
- Earth Day poster contest
- Car Care brochure utility bill insert
- Social media posts with stormwater pollution prevention tips

35. Was outreach to construction site operators working within your community offered during this reporting year? *Schedule A.3.a.v*

Yes ☒ No ☐

36. Total number during the permit term: Four. An email was sent out in February of 2024 via Constant Contact to construction site operators, which included an update on Springfield's LDAP code that was newly revised, training opportunities, and information about 1200-C and CN permits. Existing fact sheets were updated and 5 new fact sheets were created. The LDAP webpage was updated and the new fact sheets were posted to the website. Four updated slides about the LDAP program were added to the TV displays in the lobby of City Hall and at the building permit counter. Site operators receive educational materials on-site and at the time of development application submittal.

37. Identify and describe the assessment/evaluation of, at least, one education and outreach activity that occurred during this reporting year. Include the assessment process or metric for evaluation, and why this activity was considered successful. *Schedule A.3.a.vi*

We assessed our UpStream Art project of installing murals at storm drains in FY24 – see attached.

38. Will the assessment be used to inform future stormwater education and outreach efforts? *Schedule A.3.a.vi*

Yes ☒ No ☐

39. Provide an explanation: Yes, the UpStream Art murals are a great way to increase awareness of the connection between storm drains and waterways, and we will likely continue it in FY25.

Public Involvement and Participation

40. Provide a brief summary of the overall progress towards implementation of this control measure. *Schedule A.3.b*

Springfield's Public Involvement and Participation program has been implemented since 2007. We have active stewardship activities, a public process for SWMP and TMDL development, a public process through Council and Springfield Planning Commission for code updates, and a website for both information and feedback. Codes, plans, and planning documents are also posted on the website and available for comment when relevant. We met our MS4 Plan goals and timelines and have completed compliance reviews, updated our public website, partnered on stewardship opportunities, and continued to comply with public notice laws.

41. Were the required components in place by the implementation date? *Schedule A.3.b.i*

Yes ☒ No ☐ *(Implementation date: Feb. 28, 2020 for Existing Registrant, Sept. 1, 2023 for New Registrants and February 28, 2024 for Albany, Corvallis, Millersburg, Springfield and Turner)*

42. Is the SWMP Document posted on a publicly accessible website? *Schedule A.3.b.ii*

Yes ☒ No ☐

Our 2010 SWMP, 2022 MS4 Plan, and Annual Report are at: https://springfield-or.gov/city/development-public-works/clean-water-and-stormwater/

Our redirect to this page is springfieldstreams.org

43. Was the publicly accessible website updated during this reporting year? *Schedule A.3.b.ii*

Yes ☒ No ☐

If necessary, provide an explanation: Our website was updated with new fact sheets and new TMDL information. It is updated throughout the year, including City Code changes and with current information for our various programs (UpStream Art, Canines for Clean Water, etc.)

44. Does the publicly accessible website include illicit discharge complaint/reporting information or procedures? *Schedule A.3.b.ii.A*

Yes ☒ No ☐

If necessary, provide an explanation: IDDE reporting information is on the City's webpage, and includes a reporting phone number and email address. https://springfield-or.gov/city/development-public-works/report-stormwater-pollution/

45. Does the publicly accessible website include draft documents issued for public comment, final reports, plans and other official SWMP policy documents? *Schedule A.3.b.ii.B*

Yes ☒ No ☐

If necessary, provide an explanation: In FY24, we posted our revised 2024 TMDL IP for public comment. We have our website, and then also use https://springfieldoregonspeaks.org/ for public comment/code update information.

Stormwater page: https://springfield-or.gov/city/development-public-works/clean-water-and-stormwater/

Planning: https://springfield-or.gov/city/development-public-works/infrastructure-planning/

46. Does the publicly accessible website include links to all ordinances, policies and/or guidance documents related to the construction and post-construction stormwater management control programs, including education, training, licensing, and permitting? *Schedule A.3.b.ii.C*

Yes ☒ No ☐

If necessary, provide an explanation:

Permits, licenses, etc.: https://springfield-or.gov/city/development-public-works/development-and-public-works-resource-center/

Municipal Code: https://ecode360.com/44441877

Development Code: https://ecode360.com/44588287#44588287

47. Does the publicly accessible website include contact information for relevant staff, including phone numbers, mailing addresses and email addresses? *Schedule A.3.b.ii.D*

Yes ☒ No ☐

If necessary, provide an explanation:

48. During this reporting year, was a stewardship opportunity created or partnered with another entity? *Schedule A.3.b.iii*

Yes ☒ No ☐

If "Yes", summarize the stewardship opportunity(s). In FY24, we partnered with local groups to pick up litter (3 events). We also partnered with Willamalane to plant vegetation along Jasper Slough, the Mill Race and the Middle Fork Willamette (600 native trees and shrubs) in two volunteer events. We also emailed our Stream Team group advertising two Willamalane work parties to remove invasives.

Illicit Discharge Detection and Elimination

49. Provide a brief summary of the overall progress towards implementation of this control measure. *Schedule A.3.c*

Springfield has had an active IDDE program since coverage under the NPDES individual permit. We have IDDE staff, municipal code, a reporting and response process, a detection process, incident tracking and mapping, and an inspection and enforcement matrix. Our program is documented and has guidance manuals and SOPPs for implementation. Our program focuses on education before citation. We have educational material available in hard copy and on our website as well as online reporting of illicit discharges and stormwater pollution.

We have met our MS4 Plan goals and timelines and have completed compliance reviews, continued to implement existing IDDE response and enforcement program, updated our IDDE municipal code, reviewed our IDDE program and SOPPs and updated as needed, reviewed our mapping and inventories and identified gaps and completed most of the needed updates. We are implementing a Dry Weather Screening Program and have identified MS4 outfalls, developed a Pollutant Parameter Action Level list, and finalized our priority point locations. We have screened 51% of our MS4 outfalls. We have reviewed and updated both the Non-Stormwater Discharge Assessment Report and the Product Assessment document.

50. Were the required components in place by the implementation date? *Schedule A.3.c.i*

Yes ☒ No ☐ *(Implementation date: Feb. 28, 2022 for Existing Registrant, Sept. 1, 2023 for New Registrants and February 28, 2024 for Albany, Corvallis, Millersburg, Springfield and Turner)*

51. Is the MS4 map(s) current? *Schedule A.3.c.ii.A*

Yes ☒ No ☐

52. Describe the MS4 map(s) format(s):

Springfield has a digital infrastructure mapping system and it is available online at: https://sporgis.maps.arcgis.com/apps/webappviewer/index.html?id=1446c0a1fe0a4abdacb5fa2157b6dd70

Updates are ongoing as new development occurs. Some attributes were updated to include additional permit listed attributes such as receiving river. ArcGIS ESRI-based standard mapping with infrastructure layers.

53. Is the MS4 map(s) included as attachment? Yes ☐ No ☒
Or are the digital shapefiles available for electronic submittal? Yes ☒ No ☐
(Implementation date: Feb. 28, 2022 for Existing Registrant, Sept. 1, 2023 for New Registrants and February 28, 2024 for Albany, Corvallis, Millersburg, Springfield and Turner)
If necessary, provide an explanation: DEQ can download most MS4-related shapefiles from our open data GIS hub at: https://data-sporgis.hub.arcgis.com/

Or, DEQ may make a request for digital ArcGIS layers from the City GIS at it@springfield-or.gov and filling out the request form: https://springfield-or.gov/wp-content/uploads/2019/01/GIS_DigitalOrderForm_single.pdf

54. Is the digital inventory of all known outfalls, with the associated receiving waterbody current? *Schedule A.3.c.ii.B*

Yes ☒ No ☐

If necessary, provide an explanation: Fine tuning and verification are ongoing.

55. Indicate if the following features are included on your MS4 map:
- ☒ Location of all known outfalls, including the requirements in *Schedule A.3.c.ii.B*
- ☒ Stormwater collection and conveyance system, including the requirements in *Schedule A.3.c.ii.C*
- ☒ Stormwater structural controls, including the requirements in *Schedule A.3.c.ii.C*
- ☒ Location of known chronic discharges *Schedule A.3.c.ii.D*

If necessary, provide an explanation: No known chronic illicit discharges at this time. Illicit discharges are mediated upon discovery. MS4 infrastructure and structural stormwater controls are located on our map hub: https://data-sporgis.hub.arcgis.com/

56. Have non-stormwater discharges into the MS4 been prohibited through enforcement of an ordinance or other regulatory mechanism? *Schedule A.3.c.iii*

Yes ☒ No ☐

If necessary, provide an explanation: Springfield Municipal Code 4.370 and 4.372

57. Indicate which of the following have an ordinance or other regulatory mechanism to prohibit discharge to the MS4: *Schedule A.3.c.iii*
- ☒ Septic, sewage, and dumping or disposal of liquids or materials other than stormwater into the MS4
- ☒ Discharges of washwater resulting from the hosing or cleaning of gas stations, auto repair garages, or other types of automotive services facilities
- ☒ Discharges resulting from the cleaning, repair, or maintenance of any type of equipment, machinery, or facility, including motor vehicles, cement-related equipment, and port-a-potty servicing, etc.
- ☒ Discharges of washwater from mobile operations, such as mobile automobile or truck washing, steam cleaning, power washing, and carpet cleaning, etc.
- ☒ Discharges of washwater from the cleaning or hosing of impervious surfaces in municipal, industrial, commercial, or residential areas (including parking lots, streets, sidewalks, driveways, patios, plazas, work yards and outdoor eating or drinking areas, etc.) where detergents are used and spills or leaks of toxic or hazardous materials have occurred (unless all spilled material has been removed)
- ☒ Discharges of runoff from material storage areas, which contain chemicals, fuels, grease, oil, or other hazardous materials from material storage areas
- ☒ Discharges of pool or fountain water containing chlorine, biocides, or other chemicals; discharges of pool or fountain filter backwash water
- ☒ Discharges of sediment, unhardened concrete, pet waste, vegetation clippings, or other landscape or construction-related wastes
- ☒ Discharges of trash, paints, stains, resins, or other household hazardous wastes
- ☒ Discharges of food-related wastes (grease, restaurant kitchen mat and trash bin washwater, etc.)

If necessary, provide an explanation:

58. Is the written escalating enforcement and response procedure included as an attachment? *Schedule A.3.c.iv*

Yes ☐ No ☒

(For Existing Registrant must be submitted with the third Annual Report, Sept. 1, 2023 for New Registrants and February 28, 2024 for Albany, Corvallis, Millersburg, Springfield and Turner)

If necessary, provide an explanation: This was submitted with the FY22 Annual Report.

59. Is there a phone number, webpage, and/or other communication channel publicized for the public use to report illicit discharges? *Schedule A.3.c.v.A*
- ☒ Phone number(s)
- ☒ Webpage(s)
- ☒ Other communication channels WaterResources@springfield-or.gov

If necessary, provide an explanation: Educational materials and signage have reporting information (e-mail, webpage, and phone number).

60. Provide the number of complaints received during this reporting year. *Schedule A.3.c.v.D*
    Number: 76 by Water Resources staff *(complaints related to IDDE)*
    61. On average, how long did it take to respond to complaints? *Schedule A.3.c.v.B*
    In working days: 7 hours x (1 day/8 hours) = 0.875 days

62. Provide the number of complaints that included notification of the Oregon Emergency Response System during this reporting year. *Schedule A.3.c.v.B*
    Number of notification: 2 SSOs reported by Springfield Operations; 1 private dumping of RV waste with potential to enter McKenzie River

63. Provide the number of complaints where staff performed an investigation during this reporting year. *Schedule A.3.c.v*
    Number: 76 *(investigations related to IDDE)*
64. On average, how long did it take to conduct an initial investigation? *Schedule A.3.c.v.B*
    In working days: 8.9 hours x (1 day/8 hours) = 1.11 days

65. Provide the number of illicit discharges discovered and eliminated during this reporting year. *Schedule A.3.c.v*
    Number: 76 – all IDDEs are mitigated and eliminated as they are identified.
66. On average, how long did it take to eliminate an illicit discharge? *Schedule A.3.c.v.B*
    In working days: 5.5 days

67. Provide the number times escalating enforcement procedure was used to eliminate illicit discharge during this reporting year. *Schedule A.3.c.v.D*
    Number of times: 76 – the enforcement procedures are used at every inspection as it is step one of the matrix.

Do any of the illicit discharges involve the repair or replacement of the wastewater and/or storm sewer conveyance systems? *Schedule A.3.c.v.B*

Yes ☒ No ☐ NA ☐

If necessary, provide an explanation: Two septic systems requiring repairs.

68. Provide the number of illicit discharges that were referred to another entity during this reporting year. *Schedule A.3.c.v.C*
    Number: 2 total (2 to Lane County Sanitarian)
69. On average, how long did it take to notify the entity(s)?
    In working days: 31.3 hours x (1 day/8 hours) = 3.9 days

if necessary, provide an explanation:

70. Indicate which of the following are included in the complaints or reports tracking documentation: *Schedule A.3.c.v.D*
    - ☒ Date the complaint was received and, if available, the complainant's name and contact information
    - ☒ Name of staff responding to the complaint
    - ☒ Date the investigation was initiated
    - ☒ The outcome of the staff investigation
    - ☒ Corrective action(s) taken to eliminate the illicit discharge
    - ☒ The responsible party for the corrective action(s)
    - ☒ The status of enforcement procedure(s), when necessary
    - ☒ The date the corrective action(s) was completed and staff who evaluated final compliance

    If necessary, provide an explanation:

71. Provide percentage of outfalls inspected. *Schedule A.3.c.vi.A/B*
    Known outfalls screened this reporting year: 26/219 total outfalls = 11.9%

72. Known outfalls screened during the permit term: 26 (FY24) + 86 (FY23) = 112 outfalls screened /219 = 51.1%

    If necessary, provide an explanation:

73. Provide percentage of outfalls inspected as part of field screening of priority location. *Schedule A.3.c.vi.C*

Priority location outfalls screened this reporting year: 48295, 48197, 49065, 48343, 48366, 48364 = 6 total in FY24/ 23 total priority points = 26%

74. Priority location outfalls screened during the permit term: 6 (FY24) + 8 (FY23) priority outfalls screened = 14/ 23 total priority outfalls = 60.9% of priority locations screened

If necessary, provide an explanation:

75. Indicate which of the following dry-weather field screening activities have been performed in the last year: *Schedule A.3.c.vi*

☒ General observation
☒ Field Screening and Analysis
☒ Pollutant Parameter Action Levels
☒ Laboratory Analysis

If necessary, provide an explanation:

76. If flow is observed and the source is unknown, provide a brief description of the field investigation and analysis process. *Schedule A.3.c.vi.D-G*

If discharge is observed, it is evaluated for color, odor, staining, etc. Field measurements are taken with probes and test strips. Any observations that suggest an IDDE or field measurements above the PPAL are source-tracked by looking in the stormwater system upstream of the discharge, looking at aerial photography, etc. Samples are taken depending on observations/field measurements. See PPAL (sent in the FY22 Annual Report) and Dry Weather Screening Plan (available upon request) for details.

77. Have pollutant parameter action levels been established and are they included as an attachment? *Schedule A.3.c.vi.F*

Yes ☒ No ☐

(For Existing Registrant must be submitted with the third Annual Report. New Registrants must submit by September 1, 2023 and February 28, 2024 for Albany, Corvallis, Millersburg, Springfield and Turner))

If necessary, provide an explanation: This was submitted with the FY22 Annual Report.

78. Are all persons responsible for investigating and eliminating illicit discharges and illicit connections into the MS4 appropriately trained to conduct such activities? *Schedule A.3.c.vii*

Yes ☒ No ☐

If necessary, provide an explanation: Our IDDE responders attend a variety of trainings annually (Stormwater Summit, MWERS, etc.), and maintain HAZWOPER certification.

79. Are all new staff working to implement the IDDE program trained within 30 days of their assignment to this program*? Schedule A.3.c.vii*

Yes ☒ No ☐

If necessary, provide an explanation:

Construction Site Runoff Control

80. Provide a brief summary of the overall progress towards implementation of this control measure. *Schedule A.3.d*

Springfield has had an active Construction Site Runoff Control Program since coverage under the NPDES Individual Permit in 2007. In FY24, we updated our erosion and sediment control (ESC) provisions within our Municipal Code. We have ESC staff, ESC code, a reporting and response process, site inspections, ESC plan review process, and an enforcement matrix. Our program is documented and has guidance manuals and SOPPs for implementation. We have contractor educational material available in hard copy and on our website. We believe that we are meeting the current MS4 General Permit conditions. We have met our MS4 Plan goals and timelines and have completed compliance reviews, continued to implement existing Erosion and Sediment Control program, reviewed our Municipal Code and made updates, and reviewed our Land and Drainage Alteration Program (LDAP) inspection and documentation process.

81. Were the required components in place by the implementation date? *Schedule A.3.d.i*

Yes ☒ No ☐ *(Implementation date: Feb. 28, 2023 for Existing Registrants, Sept. 1, 2023 for New Registrants and February 28, 2024 for Albany, Corvallis, Millersburg, Springfield and Turner)*

82. Do ordinances or other regulatory mechanisms require erosion controls, sediment controls, and waste materials management controls to be used and maintained at all qualifying construction projects? *Schedule A.3.d.ii*

Yes ☒ No ☐ NA ☐

If necessary, provide an explanation:

83. Indicate the minimum land disturbance where construction site operators are required to complete and implement an Erosion and Sediment Control Plan (ESCP) for construction project sites: *Schedule A.3.d.ii*

In square feet or portion of an acre: 7000 ft² ☒, acres ☐ or
Exceeds 50 cubic yards of land disturbance; or
Disturbs 500 square feet when located in a sensitive area, or
Disturbs one or more acres of land at any one time by one or more phases of development, or
Results in any amount of cut or fill for the placement of an inhabited structure.

If necessary, provide an explanation: Our Municipal Code was updated in February of 2024 – see SMC 8.400-8.436 https://ecode360.com/44421128
And new Ordinance 6473: https://ecode360.com/SP5045/laws/LF1991101.pdf

84. For construction projects that disturb 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), provide a brief description how these projects are referred to DEQ or the appropriate DEQ agent, to obtain a NPDES Construction Stormwater General Permit. *Schedule A.3.d.iii*

1200-CN provides automatic coverage for sites between 1 and 5 acres of disturbance when the registrant obtains an LDAP. LDAPs will not be issued for sites over five acres until 1200-C registration is complete.

85. Provide the written specifications that address the proper installation and maintenance of such controls during all phases of construction activity as an attachment *Schedule A.3.d.iv*

Attached: Yes ☐ No ☒

If necessary, provide an explanation: Provided in EDSPM (https://springfield-or.gov/wp-content/uploads/2019/01/CH8ErosionAndSedimentControlPlanDesignAdopted12032012_001.pdf), LDAP Application, LDAP Short Form, fact sheets.

86. Provide the Erosion and Sediment Control Plan template as an attachment. *Schedule A.3.d.iv.A*

Attached: Yes ☐ No ☒

If necessary, provide an explanation: This was submitted with the FY22 Annual Report. The LDAP Short Form provides a template. Sample plans are available in paper and digital form as Fact Sheet 1.2: https://springfield-or.gov/wp-content/uploads/2024/02/LDAP_Fact_Sheet_1.2_web-1.pdf

87. Indicate which of the following are required for qualifying construction projects: *Schedule A.3.d.iv*

☒ Site operator required to complete a ESCP template or worksheet prior to beginning construction/land disturbance
☒ Site operator required to keep the ESCP on site
☒ Site operator required to maintain and update the ESCP as site conditions change, or as needed.
☒ Site operator required to provide the ESCP to the permit registrant, DEQ, or another administrating entity
If necessary, provide an explanation:

88. ESCPs [from construction projects that 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)] are reviewed using a checklist or similar document to determine compliance. *Schedule A.3.d.v*

Yes ☒ No ☐

89. Provide the ESCP review template or checklist as an attachment. *Schedule A.3.d.v*
Attached: Yes ☐ No ☒ This was submitted with the FY22 Annual Report.
90. Indicate the minimum land disturbance where you require the ESCP to be reviewed, if different than one acre:
ft² ☐, acres ☐
If necessary, provide an explanation: Sites disturbing more than one acre require a reviewed and approved ESCP. Sites less than one acre but part of a greater common plan of development require either a site specific ESCP for hillside lots and/or lots that impact sensitive areas, or the prescriptive short form template plan for flat lots that do not impact sensitive areas.

91. All construction projects [that 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)] are expected or scheduled to be inspected at least once per permit term. *Schedule A.3.d.vi.A.1*
Indicate the number of inspections completed to comply with this requirement during this reporting year: 654 inspections (note: some inspections in FY24 may be of sites permitted in previous years)
Indicate the number of inspections completed to comply with this requirement during the permit term:
FY21 = 50
FY22 = 824
FY23 = 630
FY24 = 654
Total = 2,158
If necessary, provide an explanation: FY21 was June 1-30, 2021 due to permit issuance date

92. Are construction projects with visible sediment in stormwater/dewatering discharge or when a complaint is received inspected? *Schedule A.3.d.vi.A.2*

Yes ☒ No ☐

93. Indicate number of projects that were inspected based on this inspection trigger: 0
If necessary, provide an explanation: No sites were observed to have, nor reported via complaint, to have sediment discharging by way of stormwater runoff or dewatering during the reporting year.

94. Indicate the total number of construction projects that were inspected this monitoring year: 239 projects
95. Indicate the total number of construction projects that were inspected during the permit term: 239 (FY24) + 226 (FY23) + 237 (FY22) + 50 (FY21) = 752

96. Indicate which of the following are documented during an inspection: *Schedule A.3.d.vi.B*
☒ That the ESCP is reviewed to determine if the described
☒ Control measures were installed, implemented, and maintained appropriately
☒ Assessment of the site's compliance with the ordinances or requirements
☒ Visual observation of any existing or potential non-stormwater discharges, illicit connections, and/or discharge of pollutants from the site
☒ Recommendations to the construction site operator for follow-up
☒ Education or instruction provided to the site operator related to stormwater pollution prevention practices
If necessary, provide an explanation:

97. If available, provide a copy of the written or electronic inspection report form. *Schedule A.3.d.vi.B*

Attached: Yes ☒ No ☐

98. For Existing Large Communities: Indicate the number of new construction projects inspected that disturb less one acre during this monitoring year. Is this number at least 25% of the qualifying new construction sites? *Schedule A.3.d.vi.C*

228 project sites that disturb less than one acre and visited a total of 240 sites; so 95% of the sites visited disturbed under an acre. This is greater than 25% of the qualifying new construction sites

If necessary, provide an explanation:

99. Provide the written escalating enforcement and response procedure as an attachment. *Schedule A.3.d.vii*

Yes ☐ No ☒

(For Existing Registrant must be submitted with the third Annual Report. Sept. 1, 2023 for New Registrants and February 28, 2024 for Albany, Corvallis, Millersburg, Springfield and Turner)

If necessary, provide an explanation: This was submitted with the FY22 Annual Report.

100. Was the escalating enforcement procedure used to achieve compliance at any construction projects? *Schedule A.3.d.vii*

Yes ☒ No ☐

Indicate number of times during this reporting year: 17

101. Indicate number of times during the permit term: 17 FY24 + 1 FY23 + 0 FY22 + 0 FY21 = 18

If necessary, provide an explanation:

102. Were all persons responsible for ESCP reviews, site inspections, and enforcement appropriately trained to conduct such activities? *Schedule A.3.d.viii*

Yes ☒ No ☐

If necessary, provide an explanation: Our ESC staff are CESCL certified.

103. Were all new staff working to implement the construction site runoff control program appropriately trained within 30 days of their assignment to this program? *Schedule A.3.d.viii*

Yes ☒ No ☐

Post-Construction Site Runoff for New Development and Redevelopment

104. Provide a brief summary of the overall progress towards implementation of this control measure. *Schedule A.3.e*

We made several changes to the Springfield Development Code (SDC) and Engineering Design Standards and Procedures Manual (EDSPM) to meet the requirements of our MS4 permit in FY24. All stormwater development standards were moved from the EDSPM to the SDC.

Any development that creates or replaces more than 5,000 square feet of impervious surface is required to install stormwater controls under Springfield Development Code (SDC) 4.3-110. Our site performance standard is to infiltrate, evapotranspirate, and/or reuse the first 1.4" of rainfall from each storm event. All rainfall not retained onsite must be treated to reduce mercury, bacteria, and heavy metals and at least 80% of TSS.

We also updated our Approved Vegetation List, Street Tree List, and included Typical Facility Details within appendices to our Development Code. The "Glenwood Refinement Plan Policies and Implementation Strategies – Phase I" were moved to Appendix A of the Development Code from the EDSPM.

The long-term operation and maintenance of private stormwater controls is ensured through maintenance agreements with the City. This was updated in FY24 and moved from the EDSPM to Appendix E Operations and Maintenance of Development Code.

The City's Water Quality Facility Management Program includes the processes for mapping public and private stormwater controls, as well as inspections, education, and compliance.

105. Were the required components in place by the implementation date? *Schedule A.3.e.i*

Yes ☒ No ☐ *((Implementation date: Feb. 28, 2023 for Existing Registrant, Sept. 1, 2023 for New Registrants and February 28, 2024 for Albany, Corvallis, Millersburg, Springfield and Turner)*

106. For projects creating or replacing impervious area, indicate the area (or threshold) where the site is required to implement the post-construction site runoff program requirements: *Schedule A.3.e.ii*

In square feet: 5000 ft^2 or

Development that disturbs 1 or more acres of land within the development area; and

Development that generates peak flows in excess of 0.5 cubic feet per second within the development area.

If necessary, provide an explanation: See new Development Code: https://ecode360.com/44663644#44663652

107. Indicate which of the following are required at qualifying sites: *Schedule A.3.e.ii*

☒ The use of structural stormwater controls
☒ A site-specific stormwater management approach that targets natural surface or predevelopment hydrological function through the installation and long-term operation and maintenance of stormwater controls
☒ Long-term O&M of stormwater controls at project sites that are under the ownership of a private entity

If necessary, provide an explanation:

108. Were ordinance(s), code(s) and development standards reviewed to identify, minimize or eliminate barriers that inhibit design and implementation techniques intended to minimize impervious surfaces and reduce stormwater runoff? *Schedule A.3.e.iii*

Yes ☒ No ☐

109. If barriers were identified or if necessary, provide an explanation:

110. Provide an explanation of the timeline for removal of barriers or if removal is outside your authority:

N/A

111. Indicate which of the following technical standards are used to determine the retention requirement: *Schedule A.3.e.iv.A*

☒ Volume-based method
☐ Storm event percentile-based method
☐ Annual average runoff-based method

If necessary, provide an explanation:

SDC 4.3.110 Stormwater Management C Site Performance Standard

The first 1.4" of rainfall from each storm event must be routed to one or more structural stormwater controls with sufficient capacity to fully infiltrate, evapotranspirate, and/or be reused on site without stormwater runoff discharging from the site https://ecode360.com/44663644#44663652

(Glenwood only) SDC Appendix A Glenwood Refinement Plan C.6 Stormwater Quality Management

Capture the first 1" of rainfall in a 24 hour period through the use of on-site Low Impact Development approaches techniques. https://ecode360.com/44676965#44677159

112. For projects that are unable to meet the retention requirement, is the remainder of the rainfall/runoff treated prior to discharge with a structural stormwater control? *Schedule A.3.e.iv.B*

Yes ☒ No ☐

113. Was the stormwater structural control designed to remove, at minimum, 80 percent of the total suspended solids?

Yes ☒ No ☐

If necessary, provide an explanation: See SDC 4.3.110 D.3: https://ecode360.com/44663644#44663652

114. Are the allowable structural stormwater controls and specifications available for review? *Schedule A.3.e.iv.C*

Yes ☒ No ☐

115. Indicate if they are attached or the location where they can be viewed:
Attached ☐
Location:
EDSPM: https://springfield-or.gov/wp-content/uploads/2024/03/EDSPM-CH-4-Stormwater-Capacity.pdf
SDC: https://ecode360.com/44989043#44989043

If necessary, provide an explanation:

116. Have alternatives for projects complying with the retention requirement been approved? *Schedule A.3.e.iv.D*

Yes ☐ No ☒

117. If yes, are the written technical justifications evaluated? *Schedule A.3.e.iv.D*

Yes ☐ No ☐ N/A

118. Provide a brief description of the factors of technical infeasibility or site constraints that prevented the on-site management of the runoff amount stipulated in the stormwater retention requirement or a portion thereof. *Schedule A.3.e.iv.D*
N/A
If necessary, provide an explanation:
At this point, if a site plan cannot meet our standards, then they cannot develop. As Springfield develops and grows over time, we will explore offsite mitigation options.

119. Before the allowance of alternative compliance, were mitigation options established? *Schedule A.3.e.iv.D*

Yes ☐ No ☐
N/A

If necessary, provide an explanation:

120. If applicable, indicate which of the following mitigation options have been used and provide a narrative description of the implementation of the mitigation option? *Schedule A.3.e.iv.D*

☐ Off-Site Mitigation
☐ Off-Site Groundwater Replenishment Projects
N/A
If necessary, provide an explanation:

121. Was a procedure developed for the review and approval of structural stormwater control plans for new development and redevelopment projects? *Schedule A.3.e.v*

Yes ☒ No ☐

If necessary, provide an explanation: Springfield currently has a plan review process in place that includes stormwater control review.

122. Indicate the minimum land disturbance or creation of new impervious area where plans are required to be reviewed: 5000 ft^2 ☒, acres ☐ of land disturbance ☐ creation of new impervious area ☒
See #106 above

123. Are all sites that use alternative compliance to meet the retention requirement reviewed?

Yes ☒ No ☐

If necessary, provide an explanation:

124. Indicate if an inventory and implementation strategy is used to ensure that all stormwater controls are operated and maintained to meet the site performance standard in Schedule A.3.e.iv of the permit? *Schedule A.3.e.vi*

Yes ☒ No ☐

If necessary, provide an explanation: We have been implementing a Water Quality Facility Management Program since 2010 where staff inventory and inspect stormwater facilities, both public and private. Inspection results are mailed to facility/owner operators and then we work with them to bring their facilities into compliance.

125. Indicate which of the following strategies have been developed to ensure that all stormwater controls are operated and maintained to meet the site performance standard in Schedule A.3.e.iv. *Schedule A.3.e.vi*

☒ Legal authority to inspect and require effective operation and maintenance of privately owned and operated stormwater controls
☒ Inspection procedures and an inspection schedule to ensure compliance with the O&M requirements of each stormwater control operated by the permit registrant and by other private entities
☒ A tracking mechanism for documenting inspections and the O&M requirements for each stormwater control
☒ Reporting requirements for privately owned and operated stormwater controls that document compliance with the O&M requirement in Schedule A.3.f.

If necessary, provide an explanation: See SDC 4.3.110 H Operations and Maintenance requirements and Appendix E Operations and Maintenance. We require a signed Operation and Maintenance agreement for stormwater controls; this agreement provides City staff access for inspection.

126. Are the location of all public and private stormwater controls installed during this permit term documented on the MS4 Map? *Schedule A.3.e.vi*

Yes ☐ No ☒

If necessary, provide an explanation:
All public stormwater controls are mapped. Public facilities are mapped after they have been accepted by Council. They are then under a warranty period (24 months for vegetated facilities, 12 months for structural).

We have almost all private stormwater controls mapped. Private facilities are mapped (inventoried) only after the development application has closed or is finalized, typically one to two years after installation. In FY24, we made significant changes to our mapping and inventory system to streamline the process and also include information about retention, infiltration, and flow control.

127. Were all persons responsible for performing post-construction runoff site plan reviews, administrating the alternative compliance program, or performing O&M practices or evaluating compliance with long-term O&M requirements appropriately trained to conduct such activities? *Schedule A.3.e.vii*

Yes ☒ No ☐

If necessary, provide an explanation: Our staff maintain a variety of licenses (Engineer, Landscape Architect, etc.) and attend various trainings annually (Stormwater Summit, webinars, etc.)

128. Were all new staff working to implement the post-construction site runoff for new development and redevelopment program appropriately trained within 30 days of their assignment to this program? *Schedule A.3.e.vii*

Yes ☒ No ☐

If necessary, provide an explanation:

Pollution Prevention and Good Housekeeping for Municipal Operations

129. Provide a brief summary of the overall progress towards implementation of this control measure. *Schedule A.3.f*

Springfield has an active catch basin cleaning, street sweeping, stormwater facility maintenance, and pollution prevention (good housekeeping) program. We completed a Storm and Surface Water Maintenance Strategy in 2023 which outlines the maintenance guidelines for catch basin cleaning, street sweeping, litter control, and more. Our Pollution Control Manual for Routine Maintenance Activities contains our BMPs for road maintenance, material storage, vehicle maintenance and cleaning, and more. Our fleet shop is EcoBiz certified.

Stormwater controls (water quality and other stormwater infrastructure) are mapped in ArcGIS applications. Inspections and maintenance activities are tracked here as well. Operation and maintenance plans are attached to each site that contains one or more water quality stormwater controls.

130. Were the required components in place by the implementation date? *Schedule A.3.f.i*

Yes ☒ No ☐ *(Implementation date: Feb. 28, 2022 for Existing Registrants, Sept. 1, 2023 for New Registrants and February 28, 2024 for Albany, Corvallis, Millersburg, Springfield and Turner))*

131. Were O&M strategies for existing controls developed for both permit registrant-owned controls and controls owned and operated by another entity discharging to the MS4? *Schedule A.3.f.ii*

Yes ☒ No ☐ N/A ☐

If necessary, provide an explanation:

132. Indicate the percentage of catch basins inspected/cleaned: *Schedule A.3.f.iii*

Percentage inspected this reporting year: 3097/6354 = 48.7% Percentage cleaned: same

133. If known, estimate of material removed: 2,514 tons units

134. Percentage inspected during the permit term: 0% (FY21) + 39.7% (FY22) + 23.7% (FY23) + 48.7% (FY24) = 112.1% ; Percentage cleaned: same

135. If known, estimate of material removed: 107.5 (FY22) + 92.3 (FY23) + 2514 (FY24) tons = 2713.8 tons (permit term) units

If necessary, provide an explanation: FY21 was only a 30-day report period, cleaning and inspection fell outside that timeline

136. Indicate if a catch basin inspection prioritization system and/or an alternate inspection frequency has been established. *Schedule A.3.f.iii*

Yes ☐ No ☒

If necessary, provide an explanation:

137. During the permit term were existing procedures for inspection and maintenance schedules reviewed/updated to ensure pollution prevention and good housekeeping practices were conducted for the following activities? *Schedule A.3.f.iv*

- ☒ Pipe cleaning for stormwater and wastewater conveyance systems
- ☒ Cleaning of culverts conveying stormwater in roadside ditches
- ☒ Ditch maintenance
- ☒ Road and bridge maintenance
- ☒ Road repair and resurfacing including pavement grinding
- ☐ Dust control for roads and municipal construction sites
- ☒ Winter road maintenance, including salt or de-icing storage areas
- ☒ Fleet maintenance and vehicle washing
- ☒ Building and sidewalk maintenance including washing
- ☒ Solid waste transfer and disposal areas
- ☒ Municipal landscape maintenance
- ☒ Material storage and transfer areas, including fertilizer and pesticide, hazardous materials, used oil storage, and fuel
- ☒ Firefighting training activities

☒ Maintenance of municipal facilities including public parks and open space, golf courses, airports, parking lots, swimming pools, marinas, etc.

If necessary, provide an explanation:

Updated the Pollution Control Best Management Practices Manual, Fuel Facility SPCC, and the Stormwater PCP for the Operations Complex. The Fire Department Stormwater BMP Guidance Manual, Stormwater Pollution Control Plan for the Operations Complex, Wash Rack Inspection Guidance Manual, and the Spill Prevention Control and Countermeasures Plan for the regional fuel facility were updated in previous years, some multiple times.

Note: City staff do not do dust control, nor do they maintain public parks (Willamalane is a separate park district), golf courses, airports, or marinas. We have guidance within our Product Assessment for dust control for the most environmentally friendly techniques/products.

138. Do any permit registrant-owned facilities have coverage under DEQ's 1200-Z Industrial Stormwater Discharge Permit? *Schedule A.3.f.v*

Yes ☐ No ☒ NA ☐

If "Yes", provide DEQ File Number(s):

If necessary, provide an explanation: A 1200z determination was completed in January 2021 (this is the 3rd determination completed over the years). It has been determined that Springfield does not need a 1200z permit at any of its facilities.

139. Are practices in place to reduce the discharge of pollutants to the MS4 associated with the application and storage of pesticides and fertilizers? *Schedule A.3.f.vi*

Yes ☒ No ☐

If necessary, provide an explanation: *Pollution Control BMP Guidance Manual for Operations (PC BMP Manual)*

140. Are methods/practices in place to reduce the discharge of litter within the jurisdiction? *Schedule A.3.f.vii*

Yes ☒ No ☐

If necessary, provide an explanation: Street sweeping, catch basin cleaning, and leaf pick up programs are implemented by Operations. WQF management program, Stream Team, and the Little Litter public outreach program are implemented by Environmental Services in conjunction with Operations and regional partners. In FY24, we put a new wrap on the street sweeper to encourage litter pick up. Continued Leaf Pick Up pledges.

141. Are practices in place to ensure that collected material or pollutants removed in the course of maintenance are managed and disposed of in a manner such as to prevent such pollutants from entering the waters of the state in accordance with state and federal rules? *Schedule A.3.f.viii*

Yes ☒ No ☐

If necessary, provide an explanation: Approved Vactor dump facility (at the Lane County Transfer Station in Glenwood) and sweeper material bins.

142. Were all persons responsible for evaluating O&M practices, evaluating compliance with long-term O&M requirements or ensuring pollution prevention at facilities and during operations appropriately trained to conduct such activities? *Schedule A.3.f.ix*

Yes ☒ No ☐

If necessary, provide an explanation:

143. Were all new staff working to implement the pollution prevention and good housekeeping for municipal operations program appropriately trained within 30 days of their assignment to this program? *Schedule A.3.f.ix*

Yes ☒ No ☐

If necessary, provide an explanation: On the job training, pesticide applicator training, etc.

Monitoring

If the requirement does not apply, mark "NA" and explain why it does not apply to you in the comments field.

144. Was municipal stormwater monitoring performed at outfall locations, in the receiving waterbody, or to demonstrate compliance with this permit? *Schedule B.3*

Yes ☐ No ☒

145. If "Yes" is the data included in the Annual Report?

Yes ☐ No ☐

If necessary, provide an explanation:

Wood Village Monitoring Requirements

146. Provide a summary of the following to evaluate the control strategies established for the Lower Columbia Slough Phosphate, Lead, and Bacteria TMDLs: *Schedule D.1.b*

Phosphate:

Lead:

Bacteria:

147. Indicate which of the following were completed:

☐ For phosphate, monitor influent and effluent dissolved orthophosphate concentrations and total phosphate concentrations at a representative site in Fairview Lake (Reach 4) and Fairview Creek (Reach 5)
☐ For lead, estimates of the effectiveness of controls to remove TSS
☐ For bacteria, measuring E. coli concentrations and its distribution over flows (for example, flow duration intervals) to demonstrate compliance with E. coli criteria

If necessary, provide an explanation:

Water Quality Standards

148. During this monitoring year was it determined or reported that the MS4 discharge caused or contributed to an exceedance of an applicable water quality standard? *Schedule A.1.b*

Yes ☐ No ☒

If necessary, provide an explanation:

149. How and when did the exceedance of an applicable water quality standard occur? *Schedule A.1.b*

If necessary, provide an explanation: N/A

150. Was the exceedance self-reported or did DEQ send written notification? *Schedule A.1.b*

Self-reported: Yes ☐ No ☐

If necessary, provide an explanation: N/A

151. Within 48 hours was an investigation started into the cause of the water quality exceedance? *Schedule A.1.b.i*

Yes ☐ No ☐

If necessary, provide an explanation: N/A

152. Within 30 days of becoming aware of the exceedance, was DEQ notified in writing, if self-reporting? *Schedule A.1.b.ii*

Yes ☐ No ☐

If necessary, provide an explanation: N/A

153. Within 60 days of becoming aware of or being notified of the exceedance, was a report submitted to DEQ that documents the following: *Schedule A.1.b.iii*

☐ The results of the investigation, including the date the exceedance was discovered
☐ A brief description of the conditions that triggered the exceedance or the cause
☐ Corrective actions taken or planned, including the date corrective action was completed or is expected to be completed

If necessary, provide an explanation: N/A

154. Were the corrective actions implemented in accordance with the schedule approved by DEQ? *Schedule A.1.b*

Yes ☐ No ☐

If necessary, provide an explanation: N/A

155. Provide any additional comments or narrative description, if necessary:

Annual PE Activity Assessment

Date of Assessment: 5/28/2024

Assessment Staff and Position: Peter Jaeger

Public Education Activity: UpStream Art 2023

Project Staff: Peter Jaeger, Mary Healy, Brooke Mossefin

Date of Activity: 7/20/2023 to 7/21/2023

Applicable to TMDL? ☒ **Temperature** ☒ **Bacteria** ☐ **Mercury**

MS4 General Permit Language: Schedule A.3.a. vi. Tracking and Assessment. The permit registrant must track implementation of the Public Education and Outreach requirements. In each corresponding Annual Report, the permit registrant must assess their progress toward implementation of the program, including the evaluation of at least one education and outreach activity corresponding to the reporting timeframe for the associated Annual Report. The assessment(s) should be used inform future stormwater education and outreach efforts to most effectively convey the educational material to the target audience(s).

Permit required activities, audiences, and topics

As required by the MS4 General Permit, Springfield is required to focus its efforts on conveying relevant messages using the Target Topics identified below or stormwater issues of significance in our community:

Target Audience:

1. General public, homeowners, schoolchildren, and businesses (including home-based and mobile business).
2. Local elected officials

Target Topics:

1. Impacts of illicit discharges on receiving waters and how to report them.
2. Impacts from impervious surfaces and appropriate techniques to avoid adverse impacts.
3. Best management practices for proper use, application and storage of pesticides and fertilizers.
4. Best management practices for litter and trash control.
5. Best management practices for recycling programs.
6. Best management practices for power washing, carpet cleaning and auto repair and maintenance.
7. Low-impact development/green infrastructure.
8. Septic systems, information pertaining to maintenance of septic systems.
9. Watershed awareness and how storm drains lead to local creeks and rivers, and potential impacts to fish and other wildlife.
10. Stormwater issues of significance identified by permit registrant.

Enter activity information

Target Audience (from list)	General public, homeowners, schoolchildren, and businesses (including home-based and mobile business). Local Elected Officials	***Target Audience Reached? Y=1 N=0*** 1
Target Topics (from list)	Watershed awareness and how storm drains lead to local creeks and rivers, and potential impacts to fish and other wildlife.	

Type of messaging (brochure, social media, utility billing, newsletter, postcard, PSA…)	Communication Packet Memo to City Council and Mayor announcing Call to Artists Call to Artists (flyers, social media, website updates, news release, radio PSA) Education PowerPoint ("Artist Orientation", stormwater 101, project background, safety awareness) Communication Packet Memo to City Council and Mayor announcing event dates News release Media opportunity Social media posts Four sidewalk murals at storm drains Education booth with brochures, pledge opportunities, and 'Clean Water' swag items A-frame signs with stormwater messaging	
Type of outreach effort (mailing, event, posting…)	Art contest for Oregon residents. 2-day painting event for the public.	
Describe the activity.	UpStream Art is a way to engage local artists and educate community members about our local stormwater system and our shared responsibility of keeping pollutants out of our storm drains. Many residents may not realize that water entering the majority of Springfield storm drains flows directly to our local waterways, untreated. The project began with a Call to Artists that offered $1,000 compensation to four artists whose ideas are selected by local judges. The arts community is receptive to environmental messaging, effective at talking to the public, nurtures their own following, and helps shape culture. They submit a custom "**Clean rivers start here** "mural design. Four winning mural ideas are selected through our judging process, which also provides a stormwater education opportunity for those invited to judge including arts professionals and local business owners. Then, we contract for services with the selected artists, provide a one-hour orientation so they can speak about stormwater to the public while they work, host a 2-day event to create local excitement and install the paintings, and provide education during event dates and upon completion. This project connects the community to our local waterways and stormwater infrastructure through art painted around high-visibility storm drains throughout the City.	
Are we providing information on the potential pollution of the activity?	Yes,	**Yes=1 N=0** **1**
Are we providing awareness of the direct links between land activities, rainfall-runoff, storm drains, and local water resources?	Yes,	**Yes=1 N=0** **1**
Are we providing clear guidance on steps and specific actions that they can take to reduce potential stormwater pollution?	Yes,	**Yes=1 N=0** **1**

Are we providing information on alternative methods and providing resource information?	Yes,	**Yes=1 N=0** **1**
Do people ask for information on the subject?	Yes,	**Yes=1 N=0** **1**
Is the material out of date (appearance, BMPs, phone #, websites, etc…?)	No,	**Yes=0 N=1** **1**

Performance Measurement

Measurement must be included as an integrated component from the outset: goals should be determined in part by what can be measured in both quantitative and qualitative terms, and measurement requirements should be integrated into each component.

Desired outcome1 How many members of each audience do you wish to reach?	30 Oregon artists	36 artists submitted artwork to be selected for this year's contest.
Desired outcome2 What do you want those people to: 1. Know and/or think? 2. Do as a result of the campaign?	1. The smallest actions of pollution can have big impacts on our waterways. The smallest positive actions can have big positive impacts on our water recreation and habitat. To recognize water is linked to our City's identity, enjoyment, and survival, and to feel a sense of ownership for Springfield's water quality. Then to create a sense of empowerment by asking community members what they can do to reduce pollution, plus multiple achievable actions to help get them there. 2. Think twice about everyday actions and the potential impacts on local water quality. Examples include, but are not limited to: • picking up pet waste, • throwing away trash, • keeping chemicals away from storm drains, and • ensuring sediment/lawn debris stay out of the stormwater system.	

How will it be measured & benchmark ○ Quantitative measurements: inquiry rates, submissions, attendance, media taken/given away, website visits, volunteer hours. ○ Surveys can be used to capture data such as opinions and perceptions, including perceived value and engagement on the part of participants and perceptions of the program.	Quantitative measurements of how many artists were reached (submitted artwork), social media metrics to see reach of project. • 36 artists submitted artwork this year to be considered. • 4 artists completed murals intended to educate/bring awareness of the importance of keeping our stormwater system pollution free. Total reach, on all social media platforms, was 23,843 people.	
Expected resources	Annual – 3 staff $750/3 years – paint and paint brush $4,000 – $1,000/artist for payment/contracts 6 shade canopies Traffic cones Printing costs – "Stormwater Spotlight" A-frame signage	
Systems in place to capture quantitative data.	PEO mapping application, counting of people attending the event, counting of materials taken by the public	
Metrics **Exposure** (number of readers or viewers reported by the media outlet carrying message, readership statistics, views, days in the field, days of event, etc.… **Experience** How they interacted with it, what they thought of it, and what they got out of it. (focus groups, observations, interviews, phone survey).		
Number of days material exposed	3-5 years	From initial outreach to final installment of murals, the murals are available to be viewed for about 5 years.
Event days	2	3 staff over two days. This year the event took place on July 20th and 21st of 2023.
People at event	7	4 artists, 3 staff
Total taken/given	55	Canines for Clean Water brochures and Clean Water Garden brochures taken.
People stopped at booth	30	Approximately 30 people came and visit the booth during the dates of installations.
People interacted with	30	Approximately 30 people came and visit the booth during the

		dates of installations. There were also many passersby that honked with enthusiasm about the project, but did not actually stop. Social media posts we were able to reach 23,843 people There were also two photographers from local news agencies that came by to photograph the event and interview artists.
Total downloads from website	N/A	There are no downloadable files available regarding this project. However, City staff does maintain a dedicated webpage that gets updated annually to reflect yearly dates/timelines, project FAQs, entry requirements, a story map of the murals, etc.
Any feedback? (positive scale 5-1, 5 being positive)	5	This program is one of the City's highest profile stormwater-related projects. Each year residents and businesses alike seem to really enjoy and have very positive feedback regarding this project. The art community speaks positively of UpStream Art. Artists praise their experience and re-apply year after year. There have been 5 repeat artists.
Any technical assistance requested because of the type of material or activity? (positive scale 5-1, 5 being positive)	4	Every year City staff provide materials regarding different stormwater programs to community members that come by the event. This year materials ranging from rain garden installations to automotive repair BMPs were taken from the education booth at the event.
Total staff effort: (ease of resource scale 5-1, 5 being easy)	1	To complete this project annually, Water Resources staff works with various departments within the City. At least 2 ESD technicians and communications

			staff are working directly on this project with dedicated hours annually. Staff hours are for site determination, completion of necessary permits, theme development, project advertising and outreach, collection and review of submissions, creation and distribution of external judging packet, scoring and tallying of votes, artist communication and contracts, education of artists on the project background and stormwater, preparing artist paint kits, prepping the site, setting up site for days of installations, organizing and supplying lunches, post-completion seal coats of artwork, and data entry.
Number of materials taken divided by the days the material was out	M/D=Z	0	Pieces of material a day XXX per day (positive scale 5-1)
OR - Number of materials taken divided by the number days of the event	M/D=Z	5	Averaged 27.5 pieces of material a day. 55 materials taken over the two-day event. (positive scale 5-1)
Artist Orientation PowerPoint about stormwater, wastewater, pollution reduction BMPs, project safety, and project background.		5	Material utilized (positive scale 5-1)
Comparable and Percent change - compared to last year: XXX in 20XX Divide the new value by the old value. Multiply by 100 Subtract 100 returns percent change Enter results as a positive scale 5-1, 5 being positive). Enter to the far-right the percent change. Note that some activities may not be comparable to calculate a percent change.			Enter percent change from the table below = XXX % Not comparable to last year - see outcome for description.

Conclusion:

If data from the metrics table did not automatically fill in then right click in the blue box, select "update field" to update a field so it will auto-calculate.

Assessment Outcome - Right Click in the blue box and select "update field"				
Target reached	1			
Potential pollution	1			

Direct links	1			
Clear guidance	1			
Alternative method	1			
Requests	1			
Out of date	1			
Feedback	5			
Assistance request	4			
Staff effort	1			
Exposure Material	0			
Exposure Event	5			
	22	Out of	27	Success scale Highly - - Moderately - - Low - - Failure 27 20 10 0
Percent Change	0			
Outcome	Four (4) Oregon artists completed stormwater related messaging on four (4) storm drains in north Springfield for this year's City sponsored UpStream Art Contest. Via social media posts we were able to reach 23,843 people. Two (2) photographers from local news agencies came and took photos of the artwork and event setup. There were also news articles written in local publications that reach a wide audience.			
Outreach effective?	Yes. This was one of the Stormwater Team's most successful social media outreach ever.			
Recommend continuing this outreach?	Yes			
What changes are recommended for the future?	Due to the success of this year's event with only having four (4) artists it was determined that moving forward, four (4) artists is easier for finding suitable locations and monitoring artist needs. Staff also discussed increasing payment of artists for their murals in the future. The idea behind this is to continue receiving quality artwork and to keep in line with cost of living. Increasing payment to artists was approved by upper management.			

Any additional information about the process and results.

Due to this year's location, near both an elementary school and a middle school, we received a lot of praise from community members excited about seeing art being brought to their neighborhood. Many families came by the event and spoke to the team about being excited to see the murals on their walk to school every day. We also received many positive comments from passersby regarding the great content and quality of the artwork, with some even praising the event and concept itself. These positive comments reinforced the Stormwater Team's desire to continue to find suitable locations near schools, as well as moving the project to various areas throughout Springfield. Instead of continuing to expand one area of Springfield, the Stormwater Team is exploring finding locations across Springfield where we can reach increasingly diverse populations while reminding residents that all storm drains matter – not just the ones below/next to the murals!

Erosion/Grading Inspection Log

Inspection Date		Inspection Time	
Address			
Permit Number			
Contact		Phone Number	
Email			
Weather			

BMP Status			Deficiencies and/or Violations	
Sediment Fence/Perimeter Measures	OK ☐	NOK ☐	Tracking/Sediment Leaving Site	☐
Inlet Protection	OK ☐	NOK ☐	Pollutant Discharge	☐
Construction Entrance	OK ☐	NOK ☐	Wetland/Easement Disturbance	☐
Soil Coverage	OK ☐	NOK ☐	Unpermitted Tree Removal	☐
Stockpile Coverage	OK ☐	NOK ☐	Improper Concrete Wash-Out	☐
Delineation	OK ☐	NOK ☐	Improper Hazardous Material Storage	☐
Housekeeping	OK ☐	NOK ☐	Missing Spill Kit (if applicable)	☐
Other	OK ☐	NOK ☐	*Provide comments below for any deficiencies recorded*	

Comments

Inspector	

Re-Inspection Schedule	

LANE COUNTY INTERGOVERNMENTAL AGREEMENT (IGA) AMENDMENT (Contract Form **B-2**)

Contract Title: NPDES Services (KEY#55398/PW20042702/City Contract #C2560)

Amendment No.: 3

This Amendment modifies the Intergovernmental Agreement named above between Lane County ("**County**"), and City of Springfield ("**Agency**"). County and Agency agree as follows:

1. **SCOPE OF AMENDMENT.** The scope of the Agreement is amended as follows:
   1.1 Extend termination date of 6/30/24 to 12/31/24 and increase agreement amount by $25,000.

2. **CONSIDERATION**
   2.1 **Consideration.** In consideration of this Amendment, the not-to-exceed Agreement amount is Increased by: ***Twenty-Five Thousand Dollars.***
   2.2 **Summary.** A summary of the original Agreement amount and all amendment amounts (if used) is:

Original Agreement amount:	$	100,000.00
Total of all previous Amendments:		100,000.00
This Amendment:		25,000.00
Revised Agreement amount including all Amendments:	$	225,000.00

3. **TIME.** In consideration of this Amendment, the Agreement term is increased by: Six (6) Months. The revised Agreement period, including this amendment, is 5 years (1/1/20-12/31/24).

4. **DATE.** This Amendment is effective 7/1/24.

Each party, by signature below, agrees to be bound by the terms and conditions of this Amendment. All other terms and conditions of the original Agreement not altered by this Amendment remain in full force and effect.

AGENCY:

By: _____

Title: Nancy Newton, City Manager

Date: June 14, 2024

COUNTY:

By: _____

Title: Steve Mokrohisky, County Administrator

Date: _____

REVIEWED & APPROVED AS TO FORM
Kristina Kraaz
DATE: 6/13/2024
SPRINGFIELD CITY ATTORNEY'S OFFICE