



State of Oregon
Department of
Environmental
Quality

Annual Report

MS4 Phase II General Permit

National Pollutant Discharge Elimination System

MS4 Stormwater Discharge Permit

Monitoring Year: 2021-2022

Permit Registrant: Linn County

Date Prepared/Submitted: October 31, 2022

DEQ File No.: 126417

Certification and Signature

1. Permit Registrant(s): Linn County

2. Legally Authorized Representative: Darrin Lane, PE

3. Title: Linn County Administrator

4. Email: dlane@co.linn.or.us

5. Phone: 541-967-3825

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

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): Linn County		
7. Type(s): <input type="checkbox"/> City / <input checked="" type="checkbox"/> County / <input type="checkbox"/> Special District / <input type="checkbox"/> Other:		
8. Registrant Type: Existing Registrant: <input checked="" type="checkbox"/> New Registrant: <input type="checkbox"/>		
9. Community Type: Large Community: <input type="checkbox"/> Small Community: <input checked="" type="checkbox"/>		
10. DEQ Permit No: 126417		
11. EPA File No: ORS126417		
12. Physical Address: 3010 Ferry St SW		
City: Albany	State: OR	Zip: 97322
13. Point of Contact: Daineal Malone, PE		
Title: County Engineer	Email: daineal.malone@co.linn.or.us	Phone: 541-967-3919
14. Mailing Address (<i>if different</i>):		
City:	State:	Zip:

Municipal Separate Storm Sewer System (MS4) Information

15. Estimate the area in square mileage served by the MS4: 3.925 square miles
16. Estimate the population served by the MS4: 970 (2020)

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. Willamette River	1	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Dioxin, Dissolved oxygen, Mercury, Metals, Pesticides, Temperature
b. Calapooia River	1	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Dissolved oxygen, Metals, Nitrogen and/or phosphorus, Temperature
c. Truax Creek	unknown	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Acidity, Dissolved oxygen, Nitrogen and/or phosphorus
d. Oak Creek	unknown	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Bacteria, Temperature, Dissolved oxygen
e. Cox Creek	unknown	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Acidity, Dissolved oxygen, Nitrogen and/or phosphorus
f. Lake Creek	unknown	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Dissolved oxygen
g. Burkhart Creek	unknown	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Acidity, Dissolved oxygen, Nitrogen and/or phosphorus
h. Albany-Santiam Canal	unknown	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Acidity, Dissolved oxygen, Nitrogen and/or phosphorus
i. Murder Creek	unknown	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Acidity, Dissolved oxygen, Nitrogen and/or phosphorus
j. Periwinkle Creek	unknown	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Acidity, Dissolved oxygen, Nitrogen and/or phosphorus

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.

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*

Linn County's Road Department, Linn County Planning and Building Department and Environmental Health Department work together in application of several Linn County codes that provide legal authority to control pollutant discharges into and discharges from the MS4 and enforce conditions of this permit. These codes include the following:

- 531 – Solid Waste Disposal and Public Nuisance Code
- 532 – Sewage Facilities Management Code
- 610 – Forest – Park System Code
- 850 – Fill and Excavation Code
- 870 – Flood Plain Management Code
- 903 – Natural Resources Element Code
- 904 – Community Facilities and Development Element Code
- 905 – Land Use Element Code
- 907 – Transportation Plan Code
- 923 – New Lot and Parcel Design Standards Code
- 924 – Partitioning Code
- 926 – Subdividing Code
- 929 – Rural Development Zone Code
- 930 – Urban Growth Area Zone Code
- 931 – Overlay Code
- 932 – Specific Conditional Uses Code
- 933 – Condition, Requirements, and Decision Criteria Code
- 934 – Development Standards Criteria Code
- 935 – Access Improvement Standards Code

Linn County also has policies that may pertain to MS4:

- 43 – Removal of Unlawful Campsites Located on County Property

Implementation of enforcement is provided through the road and driveway access permit program, land development and building permit program, and sewage facilities and management program.

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:

This plan was submitted last year.

21. Identify the publicly accessible website where the SWMP Document is posted. *Schedule 2.c & A.3.b.ii*

https://

If necessary, provide an explanation:

<https://www.co.linn.or.us/roads/page/manuals-program-plans>

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:

23. Describe the method used to gather, track, and use SWMP information to set priorities or assess compliance: *Schedule A.2.d*

The Linn County MS4 Permit applies to a rural urban area of the Albany Area and Millersburg Area and City of Tangent outside of the City Limits and few segments of right of way within the City Limits that are under Linn County Road Department. This area is largely agricultural with and under the jurisdiction of the Department of Agriculture with County Code requiring most lot sizes greater than 20 acre minimum and a few greater than 5 acre minimum.

The water quality criteria of concern is primarily Temperature, Dissolved Oxygen, Iron, Phosphorous, and Bacteria.

Temperature is the result of the warm waters of the Willamette River which is primarily from the management of water in large dams that are upstream and outside the jurisdiction of Linn County. When Temperature is a concern, the small tributaries within the Albany Metropolitan area are either dry or stagnant, so no significant flow is discharged into the Willamette River. Therefore, the Willamette River does not change temperature between upstream and downstream of Albany.

Bacteria is primarily the result of agricultural/farm activities, ducks in park areas, and beaver and nutria within riparian areas that are primarily agricultural. Linn County does not have jurisdiction over these areas or activities. Beaver are presently a protected species by ODFW.

Iron and Phosphorous are a result of use of agriculturally applied fertilizer.

Therefore, in recognition of the above, the MS4 program is a maintenance program of what is currently in place by Linn County. This is also in recognition that the population density of this MS4 Permit area is only 970 per 3.925 square miles. (Equivalent to 2.6 people per acre.)

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

Yes No

If necessary, provide an explanation:

Current Linn County staffing

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

Yes No

If necessary, provide an explanation:

The monitoring program to make this determination consists of the continued use and implementation of Linn County Code and Policy and the established permit programs by Linn County. The illicit discharge monitoring program is also part of this program to demonstrate permit compliance.

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*

Schedule A.3 SWMP Control Measures Implementation Schedule is provided as follows for Linn County that is listed in the MS4 Permit that was issued as a "New Permit Registrant":

	SWMP Control Measures	MS4 Permit Implementation Deadline(s)
a	Public Education and Outreach	September 1, 2023
b	Public Involvement and Participation	September 1, 2023

For Schedule 3.a. Linn County is required to implement the following by September 1, 2023:

- Education and Outreach for the (1) General Public and businesses, (2) local elected officials, land use planners, and engineers, and (3) construction site operators at least once per the permit term of 2020 to February 29, 2024.
- Stormwater Education Activities in the form of two (2) educational messages or activities per year
- Construction Site Control Measure Education to target construction site operators within with the community per year.
- Track implementation of the Public Education and Outreach requirements

Linn County has the following presently in place on the Linn County Road Department Website that pertains to compliance with the MS4 Program:

- a. Adopt a Road Program – Last Revised in 2011
- b. No Spray Request Program
- c. Right of Way Encroachment Permit Application Program (Road and Driveway Access and Utilities). Educational outreach is provided to landowners wishing to develop their property with a new access and driveway permit.
- d. Linn County Stormwater Best Management Practices Manual – new in 2021
- e. Transportation System Plan

Linn County has the following presently in place on the Linn County Building and Planning Website that pertains to compliance with the MS4 Program:

- a. Natural Hazard Mitigation Plan 2018
- b. Transportation System Plan 2017
- c. Forestland Development Standard Handbook
- d. Land Use Activities and Code.

Linn County has the following presently in place on the Environmental Health Services website that conducts programs that prevent the spread of disease through food, water, and other environmental exposures.

- a. Siting, permitting and inspection, and regulation of septic systems;
- b. Regulation of public water systems;
- c. Community Health;
- d. Solid Waste and Recycling

In Addition, for Public Education and Outreach, Linn County Staff provide owners with one on one education in regards to requirements for to provide BMP and Stormwater Management and Treatment Improvements to meet TMDL and MS4 Permit requirements for Road Access and Driveway Permits, Land Use and Building Permits, Septic Tank and other Environmental Health Permits.

Linn County Departments are presently reviewing the content of the present outreach programs to ensure that are current with MS4 Permit requirements. Additional outreach may be implemented as a result of this review and in review of current Permit Requirements. This will be completed before the permit deadline of September 1, 2023.

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 0

30. During the permit term: 0

If necessary, provide an explanation:

The schedule and activities will be addressed by September 1, 2023

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

The Engineering Staff and Planning and Building Permit Staff include BMP and SWMP requirements to all contracts that the construction operators comply with as verified by Linn County On-site Inspectors. The current permit system and web site provide information and outreach to all target audiences. The web site is currently being evaluated for improvement for outreach.

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: The Above Checked items are part of the Existing TMDL Program for Linn County

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

We are currently developing a flyer to be available to the public at each of the key offices (Road Department, Planning & Building, Environmental Health, and Linn County Commissioners). These flyers will also be included with all road approach, driveway, utility, planning/environmental permits and on our website.

Ongoing education is also provided for new construction of roads, bridges, and developments as permitted by Linn County.

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: Undetermined. The outreach is provided through preconstruction meetings and onsite inspection of building and construction activities.

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*

No construction activities were conducted within the MS4 boundary this reporting period. The permitting process includes education and outreach so as to have a design that meets MS4 Permit requirements and BMP's. This activity would also include a pre-construction meeting and on-site inspections throughout the work activities.

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:

This is an established procedure that is required of our Best Management Practices Program.

Public Involvement and Participation

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

Linn County is currently working on revisions to our website. With these revisions we anticipate developing a page for information regarding Illicit discharge, BMP's, and general storm water discharge information.

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*)

Implementation date of September 1, 2023

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

Yes No

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

Yes No

If necessary, provide an explanation:

Linn County has a new webpage platform

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:

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:

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:

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).

Illicit Discharge Detection and Elimination

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

Compliance for road maintenance operations is documented as part of the Best Management Practices program. This includes inspection of roadways when earthwork is conducted in that area.

Compliance for road construction operation is documented as part of the Erosion Control requirements as outlined in environmental permits and erosion control plans.

Compliance for new development is documented as part of the building permit program.

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):

The maps are in a .pdf format

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:

The maps are in a .pdf format within the *Linn County MS4 NPDES Permit Illicit Discharge Detection and Elimination Program* document located on our website: <https://www.co.linn.or.us/roads/page/manuals-program-plans>

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:

The current maps and inventory is a working document and is presently considered current and will be updated as necessary.

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:

There are no known chronic discharge locations.

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:

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:

Explanation - These prohibited activities are all included under the TMDL Program in which Linn County is in compliance with. As previously described, Linn County Code has been developed which also prohibits these activities.

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:

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

If necessary, provide an explanation:

The offices of the Building Department, Environmental Health, and Linn County Road Department have a website and also office staff to received complaints and follow up on complaints. Complaints may also always be directed to the Linn County Board of Commissioners or the County Administrator

60. Provide the number of complaints received during this reporting year. *Schedule A.3.c.v.D*

Number: 0 (*complaints related to IDDE*)

<p>61. On average, how long did it take to respond to complaints? <i>Schedule A.3.c.v.B</i> In working days: n/a</p>
<p>62. Provide the number of complaints that included notification of the Oregon Emergency Response System during this reporting year. <i>Schedule A.3.c.v.B</i> Number of notification: 0</p>
<p>63. Provide the number of complaints where staff performed an investigation during this reporting year. <i>Schedule A.3.c.v</i> Number: 0 (investigations related to IDDE)</p>
<p>64. On average, how long did it take to conduct an initial investigation? <i>Schedule A.3.c.v.B</i> In working days: n/a</p>
<p>65. Provide the number of illicit discharges discovered and eliminated during this reporting year. <i>Schedule A.3.c.v</i> Number: 0</p>
<p>66. On average, how long did it take to eliminate an illicit discharge? <i>Schedule A.3.c.v.B</i> In working days: n/a</p>
<p>67. Provide the number times escalating enforcement procedure was used to eliminate illicit discharge during this reporting year. <i>Schedule A.3.c.v.D</i> Number of times: 0</p> <p>Do any of the illicit discharges involve the repair or replacement of the wastewater and/or storm sewer conveyance systems? <i>Schedule A.3.c.v.B</i></p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/></p> <p>If necessary, provide an explanation:</p>
<p>68. Provide the number of illicit discharges that were referred to another entity during this reporting year. <i>Schedule A.3.c.v.C</i> Number: 0</p>
<p>69. On average, how long did it take to notify the entity(s)? In working days: n/a</p> <p>if necessary, provide an explanation:</p>
<p>70. Indicate which of the following are included in the complaints or reports tracking documentation: <i>Schedule A.3.c.v.D</i></p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Date the complaint was received and, if available, the complainant's name and contact information <input checked="" type="checkbox"/> Name of staff responding to the complaint <input checked="" type="checkbox"/> Date the investigation was initiated <input checked="" type="checkbox"/> The outcome of the staff investigation <input checked="" type="checkbox"/> Corrective action(s) taken to eliminate the illicit discharge <input checked="" type="checkbox"/> The responsible party for the corrective action(s) <input type="checkbox"/> The status of enforcement procedure(s), when necessary <input checked="" type="checkbox"/> The date the corrective action(s) was completed and staff who evaluated final compliance <p>If necessary, provide an explanation:</p>
<p>71. Provide percentage of outfalls inspected. <i>Schedule A.3.c.vi.A/B</i> Known outfalls screened this reporting year: 100%</p>
<p>72. Known outfalls screened during the permit term: 100%</p> <p>If necessary, provide an explanation:</p>

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: 100%

74. Priority location outfalls screened during the permit term: 100%

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*

The sources of all observed flow are runoff from roadside ditches/groundwater.

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:

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:

The Road Department, Environmental Health Department and the Planning & Building Department, includes staff with Erosion and Sediment Control Inspection and BMP training.

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*

The Road Department, Planning and Building Department, and Environmental Health Department work together in application of several Linn County codes; 903- Natural Resources Element Code, 850- Fill and Excavation Code and 935- Access Improvement and Standards Code.

These codes provide Linn County Road Department authority to oversee Construction Site Runoff Control.

As a Certified Agency Linn County Road Department adopted Best Management Practices from Oregon Department of Transportation, Oregon Department of Forestry for gravel roads, and requirements of Oregon Department of Environmental Quality. Linn County Road Department applies Best Management Practices to road maintenance operations, access and driveway permits program, construction for development of property by landowners and agencies, and for capital improvement projects.

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:

These are described and required as provided in the Plans and Specifications developed by the Linn County Road Department for each project.

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: 10,890 ft² , acres

If necessary, provide an explanation:

All county capital improvement construction sites and county maintenance construction sites are required to have an ESCP regardless of disturbance area.

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*

Linn County Road Department has a 1200 CA Permit which in the past has not required notification of DEQ for each project. The 1200 CA permit is presently being updated by the DEQ. If the project triggers a federal permit, 401 Certification is usually required. If more than 50 cubic yards of material is added or removed from a wetland, a Joint Permit will be obtained through the DSL and US Corps of Engineers.

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:

The County conforms to the ODOT Standard Specifications for all construction activity. The written specifications can be found in the current edition of the Oregon Standard Specifications for Construction, under Section 00280 – Erosion and Sediment Control. This can be found at the following website:

https://www.oregon.gov/odot/Business/Specs/2021_STANDARD_SPECIFICATIONS.pdf

[The County also conforms to the ODOT standard drawings and details that illustrate installation procedures. These can be found at the following website: \](#)

<https://www.oregon.gov/odot/engineering/pages/standards.aspx>

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:

Each and every project/construction activity is unique. There is no template for ESC Plans. Each project/construction activity is evaluated and ESC measures are identified and implemented and modified as necessary for the conditions.

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

90. Indicate the minimum land disturbance where you require the ESCP to be reviewed, if different than one acre:

10,890 ft² , acres

If necessary, provide an explanation:

No checklists exists but staff does review and approve the plans. All county capital improvement construction sites and county maintenance construction sites are required to have an ESCP regardless of disturbance area.

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: 0

During construction activities, the contractor is required to monitor the site every 7 days, or within 24-hours of a rain event that generates more than ½' of precipitation. The County inspectors record the status of the ESC measures on their daily log.

Indicate the number of inspections completed to comply with this requirement during the permit term: 0

If necessary, provide an explanation:

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:

94. Indicate the total number of construction projects that were inspected this monitoring year: 0

95. Indicate the total number of construction projects that were inspected during the permit term: 0

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 Erosion Control Report and Environmental Construction Inspection Report

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*

If necessary, provide an explanation:

N/A. This MS4 area has a population density of about 2.6 people per acre. The total MS4 Permit area is only 3.9 square miles.

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:

The *General Conditions for Construction for the Linn County Road Department* and federal regulatory agency permits provide these procedures.

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: 0

101. Indicate number of times during the permit term: 0

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:

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*
All projects designed and constructed have a post construction stormwater management plan as required by current ODEQ requirements. County staff maintain post-construction routine maintenance activities.

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: 5,000 ft²

If necessary, provide an explanation:

The monitoring program to make this determination consists of the continued use and implementation of Linn County Code and Policy and the established permit programs by Linn County. The illicit discharge monitoring program is also part of this program to demonstrate permit compliance.

<p>107. Indicate which of the following are required at qualifying sites: <i>Schedule A.3.e.ii</i></p> <p><input checked="" type="checkbox"/> The use of structural stormwater controls</p> <p><input checked="" type="checkbox"/> 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</p> <p><input type="checkbox"/> Long-term O&M of stormwater controls at project sites that are under the ownership of a private entity</p> <p>If necessary, provide an explanation:</p>
<p>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? <i>Schedule A.3.e.iii</i></p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>109. If barriers were identified or if necessary, provide an explanation:</p>
<p>110. Provide an explanation of the timeline for removal of barriers or if removal is outside your authority:</p> <p>The removal of a barrier in the context of this question indicates the design could be exempt from a local, state or federal environmental requirement by a specific process. Linn County has not pursued the removal of any environmental requirements for public works improvement projects, building projects or land development projects.</p>
<p>111. Indicate which of the following technical standards are used to determine the retention requirement: <i>Schedule A.3.e.iv.A</i></p> <p><input checked="" type="checkbox"/> Volume-based method</p> <p><input checked="" type="checkbox"/> Storm event percentile-based method</p> <p><input checked="" type="checkbox"/> Annual average runoff-based method</p> <p>If necessary, provide an explanation:</p> <p>A project design requirement is typically to retain and treat 50% of a 10-year storm event. The volume and annual precipitation all go into the design parameters.</p>
<p>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? <i>Schedule A.3.e.iv.B</i></p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>113. Was the stormwater structural control designed to remove, at minimum, 80 percent of the total suspended solids?</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>If necessary, provide an explanation:</p>
<p>114. Are the allowable structural stormwater controls and specifications available for review? <i>Schedule A.3.e.iv.C</i></p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>115. Indicate if they are attached or the location where they can be viewed:</p> <p>Attached <input type="checkbox"/></p> <p>Location:</p> <p>https://www.oregon.gov/odot/Business/Pages/Standard_Specifications.aspx</p> <p>https://www.oregon.gov/odot/Engineering/Pages/Details-Roadway.aspx</p> <p>If necessary, provide an explanation:</p> <p>The County follows the ODOT standard drawings and specifications for stormwater controls.</p>

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

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*

If necessary, provide an explanation:

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

Yes No

If necessary, provide an explanation:

n/a

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

If necessary, provide an explanation: n/a

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:

Engineering staff review of the construction plans.

122. Indicate the minimum land disturbance or creation of new impervious area where plans are required to be reviewed: 5,000 ft² , acres of land disturbance creation of new impervious area

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

Yes No

If necessary, provide an explanation: n/a

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:

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:

The above checked boxes would pertain to facilities constructed for or by Linn County Road Department within the MS4 Permit Area.

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: n/a, none were installed

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:

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*

Continued staff training on pollution control measures. All County construction activities require the contractor to submit a pollution control plan.

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:

Linn County Road Department currently has adopted and follows Linn County maintenance BMP's

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

Percentage inspected this reporting year: 0 ; Percentage cleaned: 0

133. If known, estimate of material removed: n/a units

134. Percentage inspected during the permit term: 0 ; Percentage cleaned: 0

135. If known, estimate of material removed: n/a units

If necessary, provide an explanation:

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:

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:

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:

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:

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:

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:

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:

Attached as: Illicit Discharge Inspections

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*

N/A

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:

N/A

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:

Submittals/Attachments to this 2021-2022 MS4 Permit Annual Report:

- Inspection Report Templates (*97. Environmental Construction Inspection Report and 97. Erosion Control Report*)
- General Conditions Specifications (*99. Linn County General Conditions for Construction*)
- Illicit Discharge Inspections (*145. Illicit Discharge Inspections*)