



Annual Report

Number	Permit Section	Question
1	S5.A.4.	Attach updated annual Stormwater Management Program Plan (SWMP Plan) or website address in the Comment field where it can be found. (S5.A.4.) 1. WAR046003 2020SWMP_1_03172021162438
1.a	S5.A.4.	Cite website of SWMP if unable to attach https://www.wenatcheeva.gov/government/public-works/stormwater/wvstac
2	S9.C.6.	Attach a map and copy of any annexations, incorporations, or boundary changes resulting in an increase or decrease in the Permittee's geographic area of permit coverage during the reporting period per S9.C.6. Not Applicable
3	S5.A.5.a.ii.	Tracked the estimated costs of implementation of each component of the SWMP. (S5.A.5.a.ii.) Yes
4	S5.A.6.b.	Coordinated among departments within the jurisdiction to eliminate barriers to permit compliance. (S5.A.6.b.) Yes
4a	S5.A.6.b.	Attach a written description of internal coordination mechanisms among departments within the jurisdiction to eliminate barriers to permit compliance. (Required to be submitted no later than March 31, 2021, S5.A.6.b.) 4a S5.A.6.b 2 DC Internal Coor_4a_03232021173030
5	S5.B.1	Were elements of a regional program implemented to complete any part of your education and outreach program? (S5.B.1) Yes Comment: Douglas County coordinates with Chelan County, East Wenatchee and Wenatchee to implement Public Outreach Program Elements. These partners work under a formal MOU as the WVSTAC, Wenatchee Valley Technical Stormwater Advisory Committee.
5a	S5.B.1	If yes, list the elements, and the regional program Douglas County coordinates with Chelan County, East Wenatchee and Wenatchee to implement Public Outreach Program Elements. These partners work under a formal MOU as the WVSTAC, Wenatchee Valley Technical Stormwater Advisory Committee. Elements included: Winter Construction Stormwater Activities to Construction Site operators, Designers, Contractors, Developers, Dump Smart Program information to Cleaners, New Dog Owner (Pet Waste Kits), Smart Irrigation Month, Fall Leaf Management, De-icer application, and pool winterization information.
6	S5.B.1.a.i.-iii.	Attach description of public education and outreach programs and stewardship activities conducted per S5.B.1.a.i.-iii. 6 S5.B.1.a.i Public Education_6_03232021180034
7	S5.B.1.a.ii.	Which types of businesses were targeted per S5.B.1.a.ii.? Mobile Contractors, Carpet cleaners, Design Professionals, Builders, Contractors, Pool Maintenance, Landscapers
8	S5.B.1.b.	Used results of measuring the understanding and adoption of targeted behaviors among at least one audience in at least one subject area to direct education and outreach resources and evaluate changes in adoption of targeted behaviors. (Required no later than December 31, 1347, S5.B.1.b.) Yes
9	S5.B.2.a.	Describe in Comments field the opportunities created for the public to participate in the decision making processes involving the development, implementation, and updates of the Permittee's SWMP. (S5.B.2.a.) Web-page survey posed to WVSTAC web-page www.wenatcheeva.gov/wvstac. Steering Committee newsletter (in lieu of in person meeting) with solicitation of feedback. Virtual public meetings with Board of County Commissioners.

Number	Permit Section	Question
10	S5.B.2.b.	Posted the updated SWMP Plan and latest annual report on your website no later than May 31. Yes
10a	S5.B.2.b.	List the website address in Comments field. (S5.B.2.b.) http://www.douglascountywa.net/departments/swu Comment: SWMP at www.wenatchewa.gov/wvstac
11	S5.B.3.a.	Maintained a map of the MS4 that includes the requirements listed in S5.B.3.a. (Updated maps required no later than August 1, 2023) Yes
12	S5.B.3.a.i.	Attach a spreadsheet that lists the known outfalls and discharge points, including the outfalls' size and material(s). (Required to update no later than August 1, 2023, S5.B.3.a.i.) Not Applicable
13	S5.B.3.a.ix.	Developed an electronic format for map, with fully described mapping standards in accordance with S5.B.3.a.ix. (Required no later than August 1, 2021) Not Applicable
14	S5.B.3.b.	Implemented an ordinance or other regulatory mechanism to effectively prohibit non-stormwater, illicit discharges as described in S5.B.3.b. Yes
15	S.5.B.3.b.vii.	Updated ordinance or regulatory mechanism to meet the requirements of this permit, if necessary. (Required no later than February 2, 2023, S.5.B.3.b.vii.) Not Applicable
16	S5.B.3.b.vi.	Implemented a compliance strategy, including informal compliance actions as well as enforcement provisions of the regulatory mechanism described in S5.B.3.b. (S5.B.3.b.vi.) Yes
17	S5.B.3.c.	Implemented procedures for conducting illicit discharge investigations in accordance with S5.B.3.c. Yes
18	S5.B.3.c.iv.	Percentage of MS4 coverage area screened in reporting year per S5.B.3.c.iv. (Required to screen 12% on average each year, S5.B.3.c.iv.) 30
18a	S5.B.3.c.iv.	Cite field screening techniques used to determine percent of MS4 screened. Field Screening: Zonar tracking of maintenance activities, records of facility and construction site inspections in various areas. Complaints/concerns are input to WinCams, Service Request module and investigated. Recurring field evaluations based on land use (Commercial/Industrial) and construction activities are performed routinely. Dry weather inspections of outfalls along the Apple Capital Loop Trail. Information transferred to GIS generated maps.
18b	S5.B.3.c.iv.	Percentage of total MS4 screened from permit effective date through end of the reporting year. 45
19	S5.B.3.c.v.	Describe how you publicized a hotline telephone number for public reporting of spills and other illicit discharges in the Comments field. (S5.B.3.c.v.) Hotline is published on the SWU webpage. http://www.douglascountywa.net/departments/swu Hotline is also included on information and outreach material distributed throughout the community.
20	S5.B.3.c.vi.	Implemented an ongoing illicit discharge training program for all municipal field staff per S5.B.3.c.vi. Yes
21	S5.B.3.c.vii.	Informed public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste. Describe actions in Comments field. (S5.B.3.c.vii.) Webpage information: www.wenatchewa.gov/wvstac, door hangers, permit conditions, radio advertisements, flyers.

Number	Permit Section	Question
22	S5.B.3.d.	Implemented an ongoing program designed to address illicit discharges, including spills and illicit connections into the MS4 per S.5.B.3.d. Yes
23	S5.B.3.e.	Implemented an ongoing illicit discharge training program for all staff responsible for implementing the procedures and program, as described in S5.B.3.e. Yes
24	S5.B.3.f.	Attach a report with data describing the actions taken to investigate, characterize, trace and eliminate each illicit discharge found by or reported to the permittee. The submittal must include all of the applicable information and must follow the format and timelines described in Appendix 7. (S5.B.3.f.) Imported from WQWebIDDE
25	S5.B.4.a.	Implemented an ordinance or other regulatory mechanism and enforcement procedures for construction site stormwater runoff control as described in S5.B.4. Yes
26	S5.B.4.a.i.-iv.	Adopted ordinance or other regulatory mechanism and enforcement procedures for construction site stormwater runoff control as described in S5.B.4.a.i.-iv. (Required no later than December 31, 2022) Not Applicable
27	S5.B.4.b.	Reviewed site plans for all new development and redevelopment projects as described in S5.B.4.b. Yes
27a	S5.B.4.b.i.	Number of site plans reviewed during the reporting period. (S5.B.4.b.i.) 95
27b	S5.B.4.b.i.	The number of construction sites that provided their intent to apply for the "Erosivity Waiver" during the reporting period as described in S5.B.4.b.i. Not Applicable
27c	S5.B.4.b.i.	The number of complaints investigated about sites that have received an "Erosivity Waiver" . (S5.B.4.b.i.) Not Applicable
28	S5.B.4.	Implemented procedures for site inspection and enforcement of construction stormwater pollution control measures. (S5.B.4.) Yes
28a	S5.B.4.c.i.	Number of permitted construction sites inspected during the reporting period. (S5.B.4.c.i.) 222
28b	S5.B.4.f.	Number of enforcement actions taken during the reporting period based on construction phase inspections at new development and redevelopment projects. (S5.B.4.f.) 0 Comment: Initial contact for non-compliance is via an education process. Unless a formal notice of violation is require to achieve compliance no record exists.
29	S5.B.4.d.	Trained the staff involved in permitting, plan review, field inspections, and enforcement for construction site runoff control. (S5.B.4.d.) Yes
30	S5.B.4.e.	Provided information to construction site operators and design professionals about training available on how to comply with the requirements in Appendix 1 and the BMPs in the SWMMEW, or an equivalent document. Describe information provided in the Comments field. (S5.B.4.e.) Yes

Number	Permit Section	Question
30a	S5.B.4.e.	Describe information provided in the Comments field. (S5.B.4.e.) Project proponents are provided information to ECY Construction Stormwater Permit regulations at pre-application meetings. Construction site BMP's are required to be identified on stormwater site plans. Plans are reviewed during pre-construction meetings. Information regarding CESCL training opportunities are posted to the WVSTAC web-page, social media and distributed via email and phone outreach. Construction Site Erosion Control Field guides are provided to construction site operators free of charge to support education efforts.
31	S5.B.5.a.	Implemented ordinance or other regulatory mechanism and enforcement procedures to address post-construction stormwater controls runoff to the MS4 from new development and redevelopment as described in S5.B.5.a. Yes
32	S5.B.5.a.	Revised ordinance or other regulatory mechanism and enforcement procedures to address post-construction stormwater controls runoff to the MS4 from new development and redevelopment as described in S5.B.5.a. (Adopted no later than December 31, 2022) Not Applicable
33	S5.B.5.b.ii.(a)	Allowed non-structural preventive actions and source reduction approaches such as Low Impact Development (LID) techniques to be used. (S5.B.5.b.ii.(a)) Yes
34	S5.B.5.b.ii.(b)(2)	Required projects approved under S5.B.5. to retain runoff generate on-site for, at a minimum, the 10-year, 24-hour rainfall event or a local equivalent, using either on-site or regional stormwater facilities. (S5.B.5.b.ii.(b)(2)) Yes
35	S5.B.5.d.	Inspected post-construction stormwater controls, including structural BMPs, at new development and redevelopment sites. (S5.B.5.d.) Yes
35a	S5.B.5.d.i.	Number of new and redeveloped sites inspected during installation of structural BMPs during the reporting period. (S5.B.5.d.i.) 110
35b	S5.B.5.d.i.	Number of new and redeveloped sites inspected upon final installation of BMPs or upon completion of the project during the reporting period. (S5.B.5.d.i.) 102
36	S5.B.5.d.ii.	Inspected structural BMPs at least once every five years after final installation. (S5.B.5.d.ii.) No
37	S5.B.5.d.	Number of enforcement actions taken as a result of these inspections during the reporting period? (S5.B.5.d.) 0
38	S5.B.5.e.	Trained the staff involved in permitting, plan review, inspection, and enforcement for post-construction stormwater control. (S5.B.5.e.) Yes
39	S5.B.5.f.	Provided information to design professionals about training available on how to comply with the requirements in Appendix 1 and apply the BMPs in the SWMMEW, or an equivalent document. (S5.B.5.f.) Yes
39a	S5.B.5.f.	Describe information provided and cite the manual used Ecology Stormwater Management Manual for Eastern Washington.
40	S5.B.6.a.	Reviewed and, if needed, updated Operations and Maintenance Plan. (Required no later than December 31, 2022, S5.B.6.a.) Not Applicable
41	S5.B.6.a.	Implemented the schedule of Operation and Maintenance activities for municipal operations. (S5.B.6.a.) Yes

Number	Permit Section	Question
42	S5.B.6.a.i.(f) and (g)	Have NPDES permit coverage for all applicable Permittee construction projects and industrial facilities. (S5.B.6.a.i.(f) and (g)) Yes
43	S5.B.6.a.i.(h)	Implemented a Stormwater Pollution Prevention Plan for all heavy equipment maintenance or storage yards, and material storage facilities owned or operated by the Permittee in areas subject to this Permit that are not required to have coverage under an NPDES permit that covers stormwater discharges associated with the activity. (S5.B.6.a.i.(h)) Yes
44	S5.B.6.a.ii.(a)	Inspected stormwater treatment and flow control facilities (except catch basins) owned or operated by the Permittee at least once every two years. (S5.B.6.a.ii.(a)) Yes
44a	S5.B.6.a.ii.(a)	Number of facilities inspected during the reporting period. 22
45	S5.B.6.a.ii.(b)	Inspected municipally owned or operated catch basins and inlets every two years or used an alternative approach? (Required at least once every two years, S5.B.6.a.ii.(b)) Yes
45a	S5.B.6.a.ii.(b)	Number of known catch basins. 2294
45b	S5.B.6.a.ii.(b)	Number of catch basins inspected during the reporting period. 428
45c	S5.B.6.a.ii.(b)	Number of known catch basins cleaned during the reporting period. 428
46	S5.B.6.a.ii.(b)	If used an alternative to standard schedule for catch basin inspections for all or a portion of the MS4, attach description of the method used. (S5.B.6.a.ii.(b)) 46_DC CB InspectionSchedule_46_03302021152743
47	S5.B.6.a.ii.(c)	Conducted spot checks of stormwater facilities after major storms. (S5.B.6.a.ii.(c)) Yes
48	S5.B.6.b.	Trained the staff with primary construction, operations, or maintenance job functions that are likely to impact stormwater quality. (S5.B.6.b.) Yes
49	S7.A.	Complied with the Total Maximum Daily Load (TMDL)-specific requirements identified in Appendix 2. (S7.A.) Not Applicable
50	S7.A.	For TMDLs listed in Appendix 2: Attach a summary of relevant SWMP and Appendix 2 activities to address the applicable TMDL parameter(s). (S7.A.) Not Applicable
51	S8.A.	Attach a summary of your participation in effectiveness study development and implementation during the reporting year. (S8.A.1. and S8.A.2.a.) 51_DC Effectiveness Study Part_51_03312021150523
56	S8.A.	Was the SWMP updated to include effectiveness study activities? (S8.A.2.f.) Yes
57	G3.	Notified Ecology in accordance with G3. of any discharge into or from the Permittees MS4 which could constitute a threat to human health, welfare, or the environment. (G3.) Not Applicable
58	G3.A.	Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A. No

Number	Permit Section	Question
59	G20.	Notified Ecology of the failure to comply with the permit terms and conditions within 30 days of becoming aware of the non-compliance. (G20.) Not Applicable
60	G20.	Number of non-compliance notifications provided in reporting year. (G20.) Not Applicable
61	S4.F.1.	Notified Ecology within 30 days of becoming aware that a discharge from the Permittee's MS4 caused or contributed to a known or likely violation of water quality standards in the receiving water. (S4.F.1.) Not Applicable
62	S4.F.3.a.	If requested, submitted an Adaptive Management Response report in accordance with S4.F.3.a. Not Applicable
63	S4.F.3.d.	Attach a summary of the status of implementation of any actions taken pursuant to S4.F.3. and the status of any monitoring, assessment, or evaluation efforts conducted during the reporting period. (S4.F.3.d.) Not Applicable

Attachments:

View Files Attached to Submission

	DocDescr	DocName	DocExt	DocID	SubID	AppName
View	WAR046003_1_03172021162438	1. WAR046003 2020SWMP_1_03172021162438	.pdf	1080822	1762786	wqwebportal
View	WAR046003_46_03302021152743	46_DC CB InspectionSchedule_46_03302021152743	.pdf	1083741	1762786	wqwebportal
View	WAR046003_4a_03232021173030	4a S5.A.6.b 2 DC Internal Coor_4a_03232021173030	.pdf	1081914	1762786	wqwebportal
View	WAR046003_51_03312021150523	51_DC Effectiveness Study Part_51_03312021150523	.pdf	1084162	1762786	wqwebportal
View	WAR046003_6_03232021180034	6 S5.B.1.a.i Public Education_6_03232021180034	.pdf	1081915	1762786	wqwebportal
View	WAR046003-2020-ImportedIDDEs_03312021151658	WAR046003-2020-ImportedIDDEs_03312021151658	.xml	1084170	1762786	wqwebportal

Close

2020 Wenatchee Valley Stormwater Management Program Plan

The following stormwater activities are regional activities unless otherwise noted. The regional partners include Chelan County, Douglas County, City of East Wenatchee, City of Wenatchee, and Wenatchee Valley College.

I. Stormwater Management Program

- a. Update Wenatchee Valley Stormwater Management Program Plan
- b. Schedule quarterly regional stormwater utility meetings.
- c. Prepare an annual report.

II. Public Education and Outreach

- a. Provide stormwater education and outreach at one public event.
- b. Participate in Wenatchee School District programs. (City of Wenatchee)
- c. Update Dump Smart Program
- d. Provide Education for Concrete Wash Out
- e. Provide Education to commercial businesses for dumpsters

III. Public Involvement and Participation

- a. Host annual Wenatchee Valley Stormwater Program Steering Committee meeting.
- b. Post Stormwater Management Program and Plan to regional website.
- c. Provide a stormwater survey on the website and at public events.
- d. Measure understanding and adoption of behavior for one target audience (8/21/2021)

IV. Illicit Discharge Detection and Elimination

- a. Continue to review and update stormwater system map as needed
- b. Field assess an average of 12% of the stormwater system each year, track the total percentage of the MS4 assessed starting August 1, 2019.

V. Construction Site Stormwater Runoff Control

- a. Review local regulations and prepare to update regulations to meet permit requirements if necessary (12/31/2021)

VI. Post-Construction Stormwater Management for new Development and Redevelopment

- a. Continue inspections of structural best management practices during installation and upon completion
- b. Continue implementation of 5-year operation and maintenance inspections of post structural best management practices

VII. Municipal Operations and Maintenance

- a. Review and update municipal operations and maintenance plans as needed to meet new requirements by December 31, 2021
- b. Provide staff training

VIII. Monitoring and Assessment

- a. Prepare a description of an effectiveness study including participants and participant roles to submit to Ecology

DOUGLAS COUNTY TRANSPORTATION & LAND SERVICES



DATE: 2020 Annual Report

RE: Stormwater Management Program Internal Coordination Mechanisms (S5.A.6.b.)

Description of Coordination among Departments to ensure Municipal Permit Compliance

Compliance with the Eastern Washington Phase II Municipal Stormwater Permit (Permit) as administered by the Department of Ecology has been assigned to the Stormwater Utility (Stormwater Program Manager/Assistant County Engineer) under the Transportation Department.

Douglas County's objective is to satisfy all stormwater related regulatory requirements contained within the Permit. To achieve this objective coordination amongst various departments is necessary. In order to do so, coordinating the implementation and documentation of Municipal Permit requirements is necessary.

This document generally describes the responsibilities and activities carried out by each affected departments that contribute to compliance with the Permit, which as detailed in Section S5.A.6.b:

The Stormwater Management Program (SWMP) shall also include coordination mechanisms among departments within each jurisdiction to eliminate barriers to compliance with the terms of this permit. Permittees shall include a written description of internal coordination mechanisms in the Annual Report due no later than March 31, 2021.

- The content in this document is based upon the Municipal Permit requirements and is organized according to the SWMP components required in Section S5.B, S7, S8, and S9:
- Public Education and Outreach (S5.B.1)
- Public Involvement and Participation (S5.B.2)
- Illicit Discharge Detection and Elimination (S5.B.3)
- Construction Site Stormwater Runoff Control (S5.B.4)
- Post-Construction Stormwater Management for New Development and Redevelopment (S5.B.5)
- Municipal Operations and Maintenance (S5.B.6)
- Compliance with Total Maximum Daily Load (S7)
- Monitoring and Assessment (S8)
- Reporting and Recordkeeping (S9)

Stormwater Utility under the guidance of the Assistant County Engineer/Stormwater Program Manager is tasked with coordinating permit requirements, providing training when necessary, and ensuring mechanisms for coordination are in place. Most County departments have some responsibility under this permit and interdepartmental coordination and ongoing communication is the needed for successful permit compliance. County staff communicates regularly in person, by phone, and via email regarding the stormwater program.

The following is a list of departments in the County that are involved in Permit compliance activities:

Transportation

- Stormwater Utility
- Road Maintenance
- Stormwater System Maintenance
- Administration
- Engineering/Capital Projects
- Construction inspection
- Development Review
- Survey
- GIS – Asset Management and Mapping
- Code Enforcement
- Fleet Management

Land Services

- Building Official
- Building inspectors
- Land Use Planners (Long-range and Short-range)

Sherriff's Department

- Code Enforcement
- Emergency Management

Administration

- Board of County Commissioners
- County Administrator
- Facilities Maintenance (Buildings, Parking Lots, Landscaping, Trail)

Solid Waste

- Illegal Dumping
- Waste Disposal

MIS Management Information Systems

- Web-based information
- Social Media

The table below summarizes departmental overlap in Permit compliance requirements:

Table 1 – SWMP Coordination Summary		
Permit Section	Title	Contributing and Coordinating Departments
S5.B.1	Public Education and Outreach	Stormwater Utility Transportation Land Services Building MIS
S5.B.2	Public Involvement and Participation	Stormwater Utility Transportation Land Services Building MIS Administrator Elected Officials
S5.B.3	Illicit Discharge Detection and Elimination	Stormwater Utility Transportation Road / Stormwater Maintenance Land Services Building MIS Administrator Elected Officials Sheriff's Office/Emergency Management Facilities Maintenance Sheriff's Department Prosecuting Attorney
S5.B.4	Construction Site Stormwater Runoff Control	Stormwater Utility Transportation Land Services Building County Administrator Sheriff's Office Prosecuting Attorney
S5.B.5	Post-Construction Stormwater Management for New Development and Redevelopment	Stormwater Utility Transportation Road / Stormwater Maintenance Land Services Building County Administrator Sheriff's Office Prosecuting Attorney
S5.B.6	Municipal Operations and Maintenance	Stormwater Utility Transportation Road / Stormwater Maintenance GIS- Asset Management Facility Maintenance
S7	Total Maximum Daily Load Compliance	n/a
S8	Monitoring and Assessment	Stormwater Utility Transportation Road / Stormwater Maintenance
S9	Reporting and Recordkeeping	Stormwater Utility Transportation Road / Stormwater Maintenance

Applicability

The permit covers a variety of stormwater program elements requiring coordination and communication amongst County departments in order for all parties to remain informed and compliant with the Municipal Permit conditions. The follow sections describe how departments coordinate in order to meet the intent of the Municipal Permit.

Public Education and Outreach (S5.B.1)

The Municipal Permit requires implementation of an education and outreach program designed to reduce behaviors and practices that contribute to or cause stormwater pollution. County employees, contractors, engineers, businesses, property managers, homeowners, school aged children, and the general public are all target audiences. Topics of public education include, but are not limited to: general impacts of stormwater on surface waters, impacts of illicit discharges and how to report them, maintenance of treatment and flow control stormwater facilities, best management practices (BMPs), yard care, mobile businesses, portable toilet placement, and vehicle maintenance.

The Assistant County Engineer / Stormwater Program Manager within the Transportation Department in cooperation with the Wenatchee Valley Stormwater Technical Advisory Committee (WVSTAC) strategizes, develops, and prepares public education materials. The Assistant County Engineer / Stormwater Program Manager, manages the stormwater hotline (509-886-3728) and manages responses to reported stormwater concerns.

Public Involvement and Participation (S5.B.2)

The Assistant County Engineer / Stormwater Program Manager facilitates opportunities for the public to participate in the decision-making process involving the development and implementation of the Municipal Permit's related activities and programs. Some tools to accomplish this are: making the SWMP document and the most recent Annual Report available to the public on the County and WVSTAC website, annual steering committee meeting, and soliciting input from other departments and the County Commissioners.

Illicit Discharge Detection and Elimination (S5.B.3)

Douglas County has implemented an Illicit Discharge Detection & Elimination (IDDE) program designed to prevent, detect, characterize, and eliminate illicit connections and illicit discharges into the county's stormwater system (MS4) (Douglas County Code chapter 19.44). Required components of the program include mapping the MS4, development of a regulatory and enforcement mechanism, and an ongoing process to identify and eliminate sources of stormwater pollution. The County's ordinance prohibits non-stormwater discharges, spills, illicit connections, and illegal dumping into the stormwater system and is enforced in escalating methods and in cooperation with Transportation and Stormwater Department Staff, Code Enforcement, Sheriff's Department, and the Prosecuting Attorney/Risk Manager.

The Assistant County Engineer / Stormwater Program Manager reviews and updates county code, oversees enforcement actions, reports to Ecology on spills and illicit discharges, coordinates staff training and establishes priority areas. Other Stormwater and Transportation Department staff assist in field surveys, complaint investigation, initial enforcement action, updating the stormwater system map, monitoring the stormwater hotline and inspecting outfalls and water quality facilities. GIS / Asset Management staff in cooperation with Development Review staff are responsible for adding new subdivisions and stormwater projects to the stormwater system map, managing the GIS mapping and providing technical support. Under the direction of the Assistant County Engineer / Stormwater Program Manager and the Road Supervisor, Road Maintenance Crews

respond to spills and provides documentation to the Assistant County Engineer / Stormwater Program Manager. Disposal of contaminated waste may be coordinated with the Solid Waste Director. Staff in all divisions of Transportation and Land Services are responsible for identifying and reporting illicit discharges. The Sheriff's Office/Emergency Management, Code Enforcement Officer, and Building Official/Inspectors forward information regarding illicit discharges to the Stormwater Program Manager. The public can report concerns via the Stormwater Hotline at 509-884-3728-6415, submit a concern via email on the county web-portal or contact RiverCom for 24/7 reporting.

IDDE training is completed through online or in-person opportunities and organized by the Stormwater Program Manager; often in cooperation with the WVSTAC. The Stormwater Program Manager is responsible for recordkeeping of all reported illicit discharges.

Inventory of the county's stormwater infrastructure is maintained by GIS / Asset Management staff within the Transportation Department.

Construction Site Stormwater Runoff Control (S5.B.4)

New and re-development construction projects that meets the applicability criteria within Douglas County Code chapter 20.34 & 20.36, including single-family building permits, commercial building permits, and land use development permits are required to submit drainage plans and reports for review and acceptance. The Development Review Team under the direction of the County Engineer is responsible for reviewing all stormwater site plans for development activities and ensuring that projects meet standards in the most current Department of Ecology *Stormwater Management Manual for Eastern Washington*. Development Review staff conduct inspections for construction site stormwater runoff control, investigate complaints, and initiate enforcement of county stormwater code. Enforcement coordination may include Land Use and Building Department staff, Code enforcement and the Sheriff's office. Both public and private development activities are required to comply with these requirements.

The Stormwater Program Manager coordinates training related to construction site stormwater runoff control and is the lead for enforcement beyond the initial steps including notices of violations and other administrative actions, including required documentation. Departments including Transportation Development Review, Capital Projects, Road Maintenance, Facilities Maintenance, including landscape and trail maintenance. Each department is individually responsible for implementing stormwater best management practices for construction activities.

Post-Construction Stormwater Management for New Development and Redevelopment (S5.B.5)

Post-Construction Stormwater Management for New Development and Redevelopment requirements are found within Douglas County Code chapter 20.36. The Development Review Team in cooperation with the Stormwater Program Manager reviews post-construction stormwater site plans and manages operations and maintenance agreements for post-construction stormwater facilities and certification of BMP completion. Development Review staff monitor construction-phase inspections of structural post-construction best management practices as well as follow-up inspections upon completion of construction. Code enforcement for this program element is the responsibility of the Transportation / Stormwater Department with assistance from the Land Services Department (Land Use and Building), Code Enforcement Officer, Sheriff's Office, Code Compliance Officer, Risk Manager and Prosecuting Attorney.

Municipal Operations and Maintenance (S5.B.6)

All Douglas County operation and maintenance activities are required to comply with the Municipal Stormwater Permit. The Douglas County Stormwater Pollution Prevention Operations and Maintenance Plan provides specific guidance. Road maintenance includes maintenance of the County's drainage infrastructure; catch basins manholes, drywells, pipes and culverts, open ditches, as well as public retention/detention facilities. Stormwater programs staff and maintenance personnel inspect County owned stormwater infrastructure, while Stormwater Program / Asset Management staff inspect treatment and flow control facilities and stormwater retention/detention ponds. Maintenance requirements for facilities are consistent with the guidance contained within the *Stormwater Management Manual for Eastern Washington*, which has been adopted by reference. The Stormwater Utility oversees the GIS / Asset Management database mapping of the MS4.

Other county departments are provided copies of the Stormwater Pollution Prevention Plan and are included in periodic updates.

Compliance with Total Maximum Daily Load (S7)

This Municipal Permit component requires the county to follow specific TMDL requirements identified in Appendix 2, including recordkeeping, annually reporting the status of TMDL implementation, and summarizing relevant activities to address the applicable TMDL parameter(s).

Currently, the county does not have a TMDL within the Municipal Permit boundary.

Monitoring and Assessment (S8)

The Stormwater Program Manager represents Douglas County through participation in regional and local stormwater groups for the purpose of complying with the requirement to complete Stormwater Management Program Effectiveness Studies.

During the 2014 – 2019 Municipal Permit cycle, the WVSTAC studied regional carpet cleaning companies to gain a better understanding of their knowledge of the stormwater program.

During the 2019 – 2024 Municipal Permit Cycle, the WVSTAC will be investigating aspects related to operation and maintenance of privately owned and maintained BMPs.

Reporting and Recordkeeping (S9)

The Annual Report consists of questions related to compliance with the requirements and deadlines in the Municipal Permit. Coordination with the other affected department staff to collect data for the annual report is required. This coordination is constantly evaluated in order to streamline this process. Updates to the SWMP occur during this process.

The Assistant County Engineer / Stormwater Program Manager prepares the annual report and oversees recordkeeping activities, and data compilation for the stormwater management program.

DOUGLAS COUNTY TRANSPORTATION & LAND SERVICES



2020 Annual Report

RE: 2020 Public Education, Outreach Programs and Stewardship Activities
6. S5.B.1.a.i.-iii.

The Wenatchee Valley Stormwater Management Program was promoted by jurisdiction staff at the following community events and activities in 2020:

- o ~~Virtual Kids in the Creek (9th through 12th grade) – Wenatchee High School.~~
- o New Dog Owner Kits (Managing Pet Waste) provided to the local Humane Society and veterinary offices.
- o Radio advertisement on KOHO FM Stations for “Smart Irrigation Month” and Fall Leaf Management and Stormwater.
- o Pool Winterization, Website and Social Media Facebook posts for “Smart Irrigation Month,” Fall Leaf Management, and Winter Ice Melt Application.
- o Homeless RV waste disposal with non-profit organizations.

Information was via email distribution, and in person as feasible at the Public Services Building at 140 19th Street NW, East Wenatchee, WA and online at www.wenatcheewa.gov/wvstac and www.douglascountywa.net/330/Stormwater-Utility, social media posts (Facebook) were utilize as appropriate.

In 2020 the WVSTAC webpage received 320 hits.

The local Phase II permittees provided a survey online through the end of the year.

**DOUGLAS COUNTY
TRANSPORTATION & LAND SERVICES**



2020 Annual Report – WAR046003

RE: 2020 Pollution Prevention and Good Housekeeping Activities
6. S5.B.6.a.ii.(b)

Question 46: If used an alternative to standard schedule for catch basin inspections for all or a portion of the MS4, attach a description of the method used.

Douglas County uses the alternative standard for catch basin inspections S5.B.6.a.ii.b.3,

All pipes, ditches, catch basins, and inlets within a circuit are cleaned at least once during the Permit term. Circuits selected drain to a single point.

DOUGLAS COUNTY TRANSPORTATION & LAND SERVICES



2020 Annual Report – WAR046003

RE: 2020 Monitoring
S8.A.1. and S8.A.2.a.

In 2020, the City of Wenatchee, Chelan County, City of East Wenatchee, Douglas County, and City of Pullman completed the Mobile Contractor Education and Outreach Effectiveness Study.

The City of Wenatchee was the lead entity and worked with Douglas County and the other jurisdictions to complete the Final Report and the Fact Sheet, which was submitted to Ecology in early 2020.

Utilizing the suggestions from the final report, “Dump Smart” program areas were redeveloped and the literature edited to clarify disposal practices. Modifications include: limit the amount of information displayed on the educational materials, provide the jurisdiction contact information on the printed materials and change the format for the “tip” sheet (i.e. using a sticker or magnet instead of a letter-sized piece of paper) in an effort to improve program effectiveness.

Additionally, in 2020 the WVSTAC partners, Douglas County, City of Wenatchee, Chelan County, City of East Wenatchee, and the City of Pullman decided to work together for the Effectiveness Study required for the current permit. The City of Wenatchee will serve as the Lead Agency for the Effectiveness Study for the 2019-2024 Permit.

Washington Department of Ecology

Electronic Submission Cover Letter



WQWebSubmittal - Submittal Submission Id: 1762786 - 3/31/2021 3:24:51 PM

Company Name	Signer Name	System Name
Douglas County	Jennifer Lange	WQWebPortal

Attachments:

Document Name Or Description	Document Name
Submitted Copy of Record for Douglas County	Copy of Record DouglasCounty Wednesday March 31 2021
WAR046003_1_03172021162438	1. WAR046003 2020SWMP_1_03172021162438
WAR046003_46_03302021152743	46_DC CB InspectionSchedule_46_03302021152743
WAR046003_4a_03232021173030	4a S5.A.6.b 2 DC Internal Coor_4a_03232021173030
WAR046003_51_03312021150523	51_DC Effectiveness Study Part_51_03312021150523
WAR046003_6_03232021180034	6 S5.B.1.a.i Public Education_6_03232021180034
WAR046003-2020-ImportedIDDEs_03312021151658	WAR046003-2020-ImportedIDDEs_03312021151658

Attestation Agreed to at Signing:

I certify I personally signed and submitted to the Department of Ecology an Electronic Signature Agreement. I understand that use of my electronic signature account/password to submit this information is equal to my written signature. I have read and followed all the rules of use in my Electronic Signature Agreement. I believe no one but me has had access to my password and other account information.

I further certify: I had the opportunity to review the content or meaning of the submittal before signing it; and to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I intend to submit this information as part of the implementation, oversight, and enforcement of a federal environmental program. I am aware there are significant penalties for submitting false information, including possible fines and imprisonment.

For Ecology Use Only



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