

I. Permittee Information

Permittee Name

Chelan County

**Permittee
Coverage
Number**

WAR04-6002

Contact Name

Jason Detamore

**Phone
Number**

(509) 667-6415

Mailing Address

316 Washington Street, Suite 402

City

Wenatchee

State Zip + 4

98801+4105

Email Address

Jason.Detamore@co.chelan.wa.us

II. Regulated Small MS4 Location

Jurisdiction

Chelan County

Entity Type:
*Put an X in
the box that
applies*

County

City/Town

Other

X

Major Receiving Water(s)

Wenatchee River, Columbia River, Squilchuck Creek

III. Relying on another Governmental Entity

If you are relying on another governmental entity to satisfy one or more of the permit obligations, list the entity and briefly describe the permit obligation(s) they are implementing on your behalf below. *Attach a copy of your agreement with the other entity to provide additional detail (unless previously submitted).*

Name of Entity:

City of Wenatchee

City of East Wenatchee

Permit Obligation(s):

Cooperative Grant Agreement

Cooperative Grant Agreement

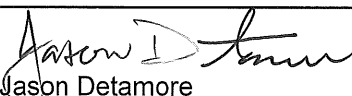
Douglas County

Cooperative Grant Agreement

IV. Certification

All annual reports must be signed and certified by the responsible official(s) of permittee or co-permittees. Please print and sign this page of the reporting form and mail it (with an original signature) to Ecology at the address noted below. An electronic signature will not suffice.

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 gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering 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 willful violations.

Name	 Mitchell S. Reister, P.E.	Title	Director/County Engineer	Date	4/24/14
Name	 Jason Detamore	Title	Stormwater Program Manager	Date	24 - MARCH - 2014
Name		Title		Date	
Name		Title		Date	
Name		Title		Date	

VI. Status Report Covering Calendar Year 2013

Jurisdiction: Chelan County

PLEASE label information in any attachments with corresponding question numbers.

PLEASE fill out your jurisdiction name in line 1 above.

PLEASE refer to the INSTRUCTIONS tab for assistance filling out this table.

For additional clarification on how to answer questions, put cursor over cell with red flagged corners.

PLEASE review your work for completeness and accuracy. Save this worksheet as you go!

Question	Y/N/ NA	Comments (50 word limit)	Name of Attachment & Page Number, if applicable
1 Attached annual written update of Permittee's Stormwater Management Program (SWMP), including applicable requirements under S5.A.3 and S9.	Y		See attached SWMP summary.
2 Attached a 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, and implications for the SWMP as per S9 E.3.	NA		
3 Tracked or estimated the cost of development and implementation of the SWMP. (S5.A.4.a.ii)	Y	Procedures to track costs of the SWMP is thorough WinCAMS and BARS numbers.	
4 Implemented a public education and outreach strategy designed to reach all of the identified target audiences. (S5.B.1.b)	Y	Refer to Appendix B of Chelan County's SWMP.	
4a Attached a description of the number and type of public education and involvement activities (S5.B.1.b)	Y		2013 Public Education and involvement activities summary.
5 Made the most current version of the SWMP available to the public. If posted on website, list address in <i>Comments</i> field. (S5.B.2.b)	Y	Available at Chelan County Public Works.	
6 Completed the map of your MS4. (<i>Required no later than February 15, 2012, S5.B.3.a</i>)	Y		

Question	Y/N/NA	Comments (50 word limit)	Name of Attachment & Page Number, if applicable
6a Attached a summary of the status of the mapping and updated storm drainage infrastructure information; do not include the map. (S5.B.3.a)	Y		2013 Summary of Mapping Status
7 Implemented an ongoing program to detect and address non-stormwater discharges to the MS4, including spills and illicit connections. (S5.B.3.c.i through iv)	Y	Refer to Appendix C of Chelan County's SWMP.	
8 Field assessed at least one high priority water body or other priority area to verify outfall locations and detect illicit discharges. (S5.B.3.c.ii)	Y		
8a Attached a summary of outfalls and illicit discharges discovered, and actions taken to eliminate the illicit discharges. (S5.B.3.c.ii)	Y		2013 Summary of Outfall Inspections.
9a Publicized a hotline or other local telephone number for public reporting of illicit discharges, including spills. (S5.B.3.d.ii)	Y	Chelan County's hotline was established in Feb. 2009 and is publicized on multiple locations.	
9b Attached summary of hotline reports received and follow-up actions taken during the reporting period (S5.B.3.d.ii)	Y		2013 Summary of Stormwater Reports.
10 Provided adequate training to all staff responsible for identification, investigation, termination, cleanup, and reporting of illicit discharges and illicit connections. (S5.B.3.f)	Y		2013 Training Summary.
11 Provided training to all municipal field staff that as part of their normal job responsibilities might come into contact with or otherwise observe an illicit discharge or illicit connection to the MS4, including office personnel who might receive reports of illicit discharges. (S5.B.3.g)	Y		2013 Training Summary.

Question	Y/N/ NA	Comments (50 word limit)	Name of Attachment & Page Number, if applicable
12	Y	Refer to Appendix C of Chelan County's SWMIP.	
12a	Y		2013 Summary of Stormwater Reports.
13	Y	Refer to Appendix D of Chelan County's SWMIP.	
14	Y		
14a	Y	Four (4) within the NPDES boundary.	
14b	Y	Four (4) within the NPDES boundary.	
14c	Y	Four (4) within the NPDES boundary.	
15	Y	Refer to Appendix D of Chelan County's SWMIP.	
16	Y	The Wenatchee Valley offered CESCL certification and recertification training for local developers, engineers, and agency staff. Chelan County has 5 CESCL on staff.	
17	Y		

Question	Y/N/NA	Comments (50 word limit)	Name of Attachment & Page Number, if applicable
17a	Y	Three (3) sites within the NPDES boundary.	
18	Y	Provided information to construction site operators about training available on how to comply with requirements in Appendix I and the BMPs in the <i>Stormwater Management Manual for Eastern Washington</i> , or an equivalent document. (S5.B.4.d and S5.B.5.e)	The Wenatchee Valley offered CESCCL certification and recertification training for local developers, engineers, and agency staff. Chelan County has 5 CESCCL on staff.
19	Y	Implemented procedures for post-construction site plan review. (S5.B.5.b)	Refer to Appendix D of Chelan County's SWMP.
20	Y	Implemented procedures for post-construction site inspection and enforcement of post-construction stormwater control measures. (S5.B.5.c)	Refer to Appendix D of Chelan County's SWMP.
21	Y	Inspected post-construction stormwater controls, including structural BMPs, at new development and redevelopment projects. (S5.B.5.c)	
21a	Y	Number of sites inspected during the reporting period:	Two (2) BMPs have been installed and inspected as part of a new subdivision.
22b	Y	Number of structural BMPs inspected at new development and redevelopment sites during the reporting period:	Two (2) BMPs have been installed and inspected as part of a new subdivision.
23	Y	Inspected structural BMPs at least once during installation. (S5.B.5.c.ii)	
23a	Y	Number of structural BMPs inspected during installation during the reporting period:	Two (2) BMPs have been installed and inspected as part of a new subdivision.

Question	Y/N/ NA	Comments (50 word limit)	Name of Attachment & Page Number, if applicable
24 Provided adequate training for all staff involved in permitting, planning, review, inspection and enforcement for post-construction stormwater control. (S5.B.5.d)	Y		
25 Implemented the Operation and Maintenance plan for municipal operations. (S5.B.6.a)	Y	Refer to Appendix E of the SWMP.	
26 Inspected 20% of stormwater treatment and flow control facilities owned or operated by the Permittee. (S5.B.6.a.i)	Y		
26a Number of known facilities:		Four (4) within the NPDES boundary.	
26b Number of facilities inspected during the reporting period:		Four (4) within the NPDES boundary.	
27 Have NPDES permit coverage for stormwater discharges for all applicable construction projects and industrial facilities. (S5.B.6.a.i)	NA		
28 Conducted spot checks of stormwater facilities after major storms. (S5.B.6.a.ii)	Y		
29 Provided adequate training for staff with primary construction, operations, or maintenance job functions that are likely to impact stormwater quality. (S5.B.6.b)	Y	The Wenatchee Valley offered CESCL certification and recertification training for local developers, engineers, and agency staff. Chelan County has 5 CESCL on staff.	

Question	Y/N/ NA	Comments (50 word limit)	Name of Attachment & Page Number, if applicable
30 Notified Ecology of the failure to comply with the permit terms and conditions within 30 days of becoming aware of the non-compliance. (G20)	NA		
31 Notified Ecology immediately in cases where the Permittee becomes aware of a discharge into or from the Permittee's MS4 which could constitute a threat to human health, welfare, or the environment? (G3)	NA		
32 Took appropriate action to correct or minimize discharges into or from the MS4 which could constitute a threat to human health, welfare, or the environment. (G3.A)	NA		
33 Attached a summary of the status of implementation of any actions taken pursuant to S4.F and the results of monitoring, assessment, and evaluation efforts conducted during the reporting period. (S4.F.3.d)]	NA		

REMINDER: Save your work as you go. Did you answer each question, provide necessary background information in the *Comments* field, and attach and/or note the filename and page number of all required documentation in the *Attachment* field? Proceed to the **Info Collection (Monitoring)** tab next.

Information Collection, S8.B.1 Description of Monitoring Studies

If applicable, you are required to provide information to fulfill permit requirement S8.B.1 in each annual report. You must describe any stormwater monitoring or studies conducted by you during the reporting period. If stormwater monitoring was conducted on your behalf, or if studies or investigations conducted by other entities were reported to you, you must briefly describe the type of information gathered or received during the reporting period.

Please note in row #1 of the table below if you have no information to report.

NOTE: Please limit your entries to 255 characters per cell. You may include additional information in your Supplemental Documentation attachment and reference it below with the page number.

Information Collection

Briefly describe any stormwater monitoring, studies, or type of information collected and analyzed during the reporting period. (S8.B.1)		Who/how to contact for additional information?
1.	No information to report.	
2.		
3.		
4.		
5.		
6.		

VII. Information Collection, BMP Evaluation, and Monitoring

Complete Part B for all annual reports.

B. SWMP Evaluation

You are required to assess the appropriateness of the BMPs you have selected to implement your SWMP. This evaluation is necessary to evaluate whether the MEP standard set by the permit is protective of water quality in your receiving water bodies. This assessment may be entirely qualitative. Answer **NA** if you are not yet implementing BMPs for a component of the SWMP. (S8.B.2 and S9)

Question	Y/N/NA	Comments (50 word limit)
1. Are the BMPs selected and implemented for Public Outreach appropriate to minimize pollutants in the MS4 to the MEP?	Y	Refer to Appendix B of the SWMP.
Are the BMPs selected and implemented for Public Involvement appropriate to minimize pollutants in the MS4 to the MEP?	Y	Refer to Appendix B of the SWMP.
2. Are the BMPs selected and implemented for Illicit Discharge Detection and Elimination appropriate to minimize pollutants in the MS4 to the MEP?	Y	Refer to Appendix C of the SWMP.
3. Are the BMPs selected and implemented for Construction Stormwater Pollution Prevention appropriate to minimize pollutants in the MS4 to the MEP?	Y	Refer to Appendix D of the SWMP.
4. Are the BMPs selected and implemented for Post-Construction Runoff Management appropriate to minimize pollutants in the MS4 to the MEP?	Y	Refer to Appendix D of the SWMP.
5. Are the BMPs selected and implemented for Good Housekeeping for Municipal Operations appropriate to minimize pollutants in the MS4 to the MEP?	Y	Refer to Appendix E of the SWMP.
6. Are the BMPs selected and implemented for Good Housekeeping for Municipal Operations appropriate to minimize pollutants in the MS4 to the MEP?	Y	Refer to Appendix E of the SWMP.

VII. Information Collection, BMP Evaluation, and Monitoring

Complete Part C for all annual reports.

C. Changes in BMPs or objectives (S8.B)

If any of the BMPs or objectives is being changed, list the old BMP and objective, the new BMP and objective, and a justification for the change below. (S8.B.2., and S9)

NOTE: You may choose to attach additional documentation justifying Changes in BMPs or objectives. Note such attachments in the *Justification for change* field.

Old BMP		Old Objective	New BMP	New Objective
1	Not Applicable			
2				
3				
4				
5				
6				
7				

REMINDER: Provide necessary background information. This is the final tab of the Annual Report. Please review the entire worksheet for completeness and accuracy and save this document. Report file PLUS any identified attachments to: PH2_EAnnRpt@ecy.wa.gov no later than November 15, 2011. Attach two hard copies of the entire package to the address listed on the Certification tab.

2013 Summary of Stormwater Management Program Updates Chelan County

The four local Phase II permittees, Chelan County, Douglas County, East Wenatchee, and Wenatchee developed and adopted a regional stormwater management program in 2008. The following sections of the Wenatchee Valley Stormwater Management Program were updated in 2013.

- Chapter 1 – Introduction and Background
- Chapter 2 – Stormwater Utilities
- Chapter 3 – Permit Coverage Area
- Chapter 4 – NPDES Phase II Permit SWMP Requirements
- Applicable tables.
- Attachment A – Target Audiences and Topics
- Exhibit 2: Eastern Washington Phase II Stormwater Permit Implementation Timeline 2014 – 2019

Additionally, the county continues small/minor updates to the Stormwater Management Program as we see fit.

2013 Public Education and Involvement Activities Chelan County

The Wenatchee Valley Stormwater Management Program was promoted by jurisdiction staff at the following community events and activities in 2013:

- KPQ Home & Garden Show
- Wag'n'Tails – Dog Day at the Park
- Chelan County Fair
- Pool & Spa Discharge Campaign Ad in the Wenatchee World, pamphlets at retail stores, and on the Website
- Charity Car Wash Kit Program
- Kids in the Creek
- Wenatchee Valley Stormwater Program Development Steering Committee

Information was also provided at the Public Works Department at 316 Washington Street, Suite 402 and online at www.wenatcheewa.gov/wvstac. In 2013 the Wenatchee Valley Stormwater webpage received 558 total hits with 39 of those hits on the illicit discharge detection and elimination page, 45 construction/post-construction, 104 of those hits on the stormwater hotline page.

The local Phase II permittees also provided a survey at the KPQ Home & Garden Show and online through the end of the year. Please find a summary of the survey results attached.

Total Number of Surveys	
Wenatchee	58
East Wenatchee	20
Chelan County	25
Douglas County	12
Outside of the Area	5
Web site	1
121	

Home Show 2013 - Stormwater Survey Results

Do you think that stormwater is a problem in Eastern WA?	(not on survey this year)		
Yes			
No			
Don't Know			
Do you think that the Wenatchee Valley has a stormwater pollution problem?			
Yes	59	49%	
No	46	38%	
Don't Know	15	12%	
Did you know that the Wenatchee Valley has a stormwater program?			
Yes	56	46%	
No	64	53%	
Do you know where to call to report a stormwater problem?			
Yes	29	24%	
No	91	75%	
How much do the actions of people affect the quality of our rivers?			
Great deal	91	75%	
Somewhat	22	18%	
Not too much	4	3%	
Not at all	1	1%	
Don't know	2	2%	
What should be the focus for the Wenatchee Valley to prevent stormwater pollution?			
Low impact development/Green building	17	14%	
Increase maintenance of the stormwater system	25	21%	
Public education and outreach	76	63%	
Build more stormwater control structures	20	17%	
Increase scientific research on problems	12	10%	
Stricter environmental regulations	20	17%	
Other	4	3%	
Which education topics should be a priority for our area?			
Pet waste	25	21%	
Car washing	20	17%	
Low impact development	14	12%	
Ground water protection	35	29%	
Yard care - fertilizer use/watering	41	34%	
Chemical & hazardous waste - storage & disposal	45	37%	
Private storm systems	0	0%	
Maintaining vehicles	16	13%	
Erosion control	29	24%	
Construction site management	20	17%	
Storm system awareness	29	24%	
Other	0	0%	
What is the best way to educate the public on stormwater issues?			
Public Meeting	28	23%	
Fact sheet / Brochure mailing	46	38%	
Email	9	7%	
Radio	45	37%	
Training workshops (adults)	18	15%	
Online quiz to check knowledge	8	7%	
Newspaper	54	45%	
Website	26	21%	
Public Access TV	18	15%	
Home Show	38	31%	
Classroom presentations (K-12)	24	20%	
Other	0	0%	
Regarding behavior changes that would improve/protect water quality, are you:			
Already changing behavior	46	38%	
Very willing to change behavior	31	26%	
Would consider changing behavior	27	22%	
Not interested	3	2%	
If you own a pool or spa, where do you drain the water for winterization or repairs?			
Lawn	20	17%	
Sewer	5	4%	
Road/storm system	7	6%	
After de-chlorination, the road	3	2%	
Other	1	1%	

Summary of Mapping Status

Chelan County - 2013

As part of the Chelan County's Stormwater Comprehensive Plan, maps of the stormwater system, structures, treatment facilities, outfalls and receiving waters have been updated and included in the Plan. A GIS-based model was also used to evaluate the capacity of the system. This model will be the basis for the geodatabase that will be used to track inspections and maintenance activities in the stormwater system. Currently, the database is complete.

Outfall Field Survey Report

OUTFALL NAME: OLDS STATION REGIONAL FACILITY

DATE: 5/23/2013

TIME: 12:30 P

DIRECTIONS: _____

WEATHER: SUNNY 60's

SAFETY HAZARDS: _____

	Y	N
OUTFALL VISIBLE	☒	☐
UNDER WATER	☐	☒
DYE TESTED	☐	☒

NOTES: _____

PICTURES TAKEN ☐ ☒

SAMPLES TAKEN ☐ ☒

OTHER OBSERVATIONS:
POND IN GOOD WORKING ORDER. OUTFALL IS
FUNCTIONING, NO WATER IN POND.

INSPECTOR SIGNATURE Jan D. Shaw

DATE 5/23/2013

INSPECTOR SIGNATURE _____

DATE _____

Outfall Field Survey Report

OUTFALL NAME: Downs Road

DATE: 5/23/13

TIME: 1:30p

DIRECTIONS: _____

WEATHER: Sunny 60°

SAFETY HAZARDS: _____

	Y	N
OUTFALL VISIBLE	☒	☐
UNDER WATER	☐	☒
DYE TESTED	☐	☒

NOTES: _____

PICTURES TAKEN ☐ ☒

SAMPLES TAKEN ☐ ☒

OTHER OBSERVATIONS:

No DISCHARGE CROSS-CURRENT MAINTENANCE REQUIRED

INSPECTOR SIGNATURE Jan D. [Signature]

DATE _____

INSPECTOR SIGNATURE _____

DATE _____

Outfall Field Survey Report

OUTFALL NAME: Squidhook Outfall

DATE: 10/28/2013

TIME: 2:00P

DIRECTIONS: _____

WEATHER: OVERCAST 40's

SAFETY HAZARDS: —

	Y	N
OUTFALL VISIBLE	☒	☐
UNDER WATER	☐	☒
DYE TESTED	☐	☒

NOTES: _____

PICTURES TAKEN ☐ ☐

SAMPLES TAKEN ☐ ☐

OTHER OBSERVATIONS:

No problems observed w/ outfall. Conveyance pipe
needs repairs

INSPECTOR SIGNATURE Jan D. [Signature]

DATE 10/29/13

INSPECTOR SIGNATURE _____

DATE _____

Outfall Field Survey Report

OUTFALL NAME: Loop Trail Biofiltration Facility

DATE: 11/7/2013

TIME: 2:00p

DIRECTIONS: _____

WEATHER: _____

SAFETY HAZARDS: _____

	Y	N
☒ OUTFALL VISIBLE	☐	☒
UNDER WATER	☐	☒
DYE TESTED	☐	☒

NOTES: Need to find outlet

PICTURES TAKEN ☐ ☒

SAMPLES TAKEN ☐ ☒

OTHER OBSERVATIONS:
Facility appears to be functioning. Outfall difficult
to find.

INSPECTOR SIGNATURE Jon D. [Signature]

DATE 11/7/2013

INSPECTOR SIGNATURE _____

DATE _____

Date	Type of Complaint	Result of Investigation	Land Use
8/15/2013	Plugged CB	Maintenance required	Public ROW
9/10/2013	Mud/debris impact residence	Off of R/W. Nothing further required.	Residential - Private
9/30/2013	Plugged culvert	Maintenance required	Public ROW
10/31/2013	Plugged CB and culvert	Maintenance required	Public ROW
11/14/2013	Plugged CB	Off of R/W. Nothing further required.	Residential - Private

2013 Training Summary Chelan County

The following training events were attended by county staff:

- Illicit Connection & Illicit Discharge Field Screening and Source Tracing Manual Training. May 16, 2013.
- Eastern Washington LID Guidance Manual Training (June 13, 2013)
- Certified Erosion & Sediment Control Lead Training (CESCL) 12/3 & 12/4, 2013

The Certified Erosion & Sediment Control classes were advertised for local contractors, developers and designers. The other training courses were primarily for county staff.