

I. Permittee Information	
Permittee Name Yakima County	Permittee Coverage Number #WAR04-6014
Contact Name Terry Keenhan	Phone Number 509.574.2300
Mailing Address 128 North 2nd Street, Room #408	
City Yakima	State WA Zip + 4 98901-2639
Email Address terry.keenhan@co.yakima.wa.us	

II. Regulated Small MS4 Location								
<p><i>Entity Type: Put an X in the box that applies</i></p> <table border="1"> <thead> <tr> <th>County</th> <th>City/Town</th> <th>Other</th> </tr> </thead> <tbody> <tr> <td>X</td> <td></td> <td></td> </tr> </tbody> </table>			County	City/Town	Other	X		
County	City/Town	Other						
X								
Jurisdiction Yakima County								
Major Receiving Water(s) Naches River, Yakima River, Wide Hollow 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:	Permit Obligation(s):

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  Title Asst. Public Services Director Date 3/24/14

Name _____ Title _____ Date _____

VI. Status Report Covering Calendar Year 2013

Jurisdiction: Yakima 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	Document attached	RSWMP7.doc
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	No annexations finalized in 2013	
3	Tracked or estimated the cost of development and implementation of the SWMP. (S5.A.4.a.ii)	Y		
4	Implemented a public education and outreach strategy designed to reach all of the identified target audiences. (S5.B.1.b)	Y		
4a	Attached a description of the number and type of public education and involvement activities (S5.B.1.b)	Y		Summary of 2013 Public Outreach Activities.pdf
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	http://www.co.yakima.wa.us/stormwater/documents/RSWMP6.pdf	
6	Completed the map of your MS4. (Required no later than February 15, 2012, S5.B.3.a)	Y		
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 Map Summary.pdf
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		
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		IDDELogReport2013.pdf
9a	Publicized a hotline or other local telephone number for public reporting of illicit discharges, including spills. (S5.B.3.d.ii)	Y		
9b	Attached summary of hotline reports received and follow-up actions taken during the reporting period (S5.B.3.d.ii)	Y		IDDELogReport2013.pdf
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	Ongoing	

Question		Y/N/NA	Comments (50 word limit)	Name of Attachment & Page Number, if applicable
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	Ongoing	
12	Implemented procedures for the IDDE program. (S5.B.3.e)	Y	Ongoing	
12a	Attached summary of numbers and types of illicit discharges identified; inspections made; and any feedback received from public education efforts. (S5.B.3.e)	Y	Ongoing	IDDELogReport2013.pdf
13	Implemented procedures for construction site plan review. (S5.B.4.b)	Y		Yakima County 2013 construction inspections.pdf
14	Reviewed <i>Stormwater Site Plans</i> including construction SWPPPs for new development and redevelopment projects.	Y	Reviewed one subdivision plan with public MS4 elements. Construction not started yet so construction SWPPP not yet reviewed.	
14a	Number of site plans reviewed during the reporting period:	Y	44 Short plat final mylars were reviewed to ensure that a note was on the face of the plat requiring surface water to be retained on site and drainageways not be altered or impeded.	
14b	Number of SWPPPs reviewed during the reporting period:	Y	0 - No qualifying sites were submitted for the Yakima County permit area during the reporting period.	
14c	Number of site plans approved during the reporting period:	Y	44 Short plat final mylars were reviewed to ensure that a note was on the face of the plat requiring surface water to be retained on site and drainageways not be altered or impeded.	
15	Implemented procedures for site inspection and enforcement of construction stormwater pollution control measures. (S5.B.4.c)	Y	Ongoing	
16	Provided adequate training for all staff involved in permitting, plan review, field inspection and enforcement for construction site runoff control. (S5.B.4.b.i and S5.B.4.c.ii)	Y	Ongoing	
17	Inspected construction-phase stormwater controls at new development and redevelopment projects. (S5.B.4.c.iii)	n/a	No public facilities or private facilities discharging to the MS4 were constructed during the report period in the permit area	
17a	Number of sites inspected during the reporting period:	Y	0	
18	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)	Y		
19	Implemented procedures for post-construction site plan review. (S5.B.5.b)	n/a	No plans were submitted for public facilities or private facilities discharging to the MS4 during the report period in the permit area	
20	Implemented procedures for post-construction site inspection and enforcement of post-construction stormwater control measures. (S5.B.5.c)	Y		
21	Inspected post-construction stormwater controls, including structural BMPs, at new development and redevelopment projects. (S5.B.5.c)	Y		

Question		Y/N/ NA	Comments (50 word limit)	Name of Attachment & Page Number, if applicable
21a	Number of sites inspected during the reporting period:	Y		
22b	Number of structural BMPs inspected at new development and redevelopment sites during the reporting period:	Y		
23	Inspected structural BMPs at least once during installation. (S5.B.5.c.ii)	n/a	No public facilities or private facilities discharging to the MS4 were constructed during the report period in the permit area	
23a	Number of structural BMPs inspected during installation during the reporting period:	n/a	No public facilities or private facilities discharging to the MS4 were constructed during the report period in the permit area	
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	Ongoing	
25	Implemented the Operation and Maintenance plan for municipal operations. (S5.B.6.a)	Y		
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:	Y	1248	
26b	Number of facilities inspected during the reporting period:	Y	1248	
27	Have NPDES permit coverage for stormwater discharges for all applicable construction projects and industrial facilities. (S5.B.6.a.i)	Y	WAR127312 Eschbach Levee Modification WAR127340 Naches-Tieton Road	
28	Conducted spot checks of stormwater facilities after major storms. (S5.B.6.a.ii)	Y	The Terrace Heights infrastructure was inspected following a thunderstorm on May 5, 2103.	
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	Trained maintenance supervisors on 26 April	
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)	n/a	No failure to comply	
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)	n/a	No discharges occurred	
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)	n/a	No discharges occurred	
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)]	n/a	No discharges occurred	

Question	Y/N/ NA	Comments (50 word limit)	Name of Attachment & Page Number, if applicable

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	Implementation of the outreach program has improved messaging. Target audience feedback is indicating that messages are being received.
2. Are the BMPs selected and implemented for Public Involvement appropriate to minimize pollutants in the MS4 to the MEP?	Y	Public attendance and input continues to be infrequent, consistent with other jurisdictions nationwide. The redesigned website will feature a prominent feedback form to encourage participation.
3. Are the BMPs selected and implemented for Illicit Discharge Detection and Elimination appropriate to minimize pollutants in the MS4 to the MEP?	Y	Improvements in water quality should result from removal of illicit discharges and connections during mapping and smoke testing has identified illicit connections to be removed, responding to hotline call reports, increased investigation efficiency from the developed procedures manual, and staff training.
4. Are the BMPs selected and implemented for Construction Stormwater Pollution Prevention appropriate to minimize pollutants in the MS4 to the MEP?	Y	Education and enforcement actions related to the ordinance have helped keep sediment and other pollutants out of the MS4. Training opportunities on the regional website provide contractors and others a listing of available stormwater related courses and conferences held by other entities. This is an inexpensive method for distributing this information and this webpage has been visited regularly.
5. Are the BMPs selected and implemented for Post-Construction Runoff Management appropriate to minimize pollutants in the MS4 to the MEP?	Y	Education and enforcement actions related to the ordinance have helped keep sediment and other pollutants out of the MS4. Training opportunities on the regional website provide contractors and others a listing of available stormwater related courses and conferences held by other entities. This is an inexpensive method for distributing this information and this webpage has been visited regularly.
6. Are the BMPs selected and implemented for Good Housekeeping for Municipal Operations appropriate to minimize pollutants in the MS4 to the MEP?	Y	Good housekeeping BMPs are appropriate. Staff have been complying with O&M practices.

REMINDER: Answer each question Y/N/NA and provide necessary background information in the *Comments* field. Proceed to the next tab.

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	Justification for Change
1	Public Input meeting	Solicit constructive feedback to the stormwater program	Feature prominent feedback form on the website (under IDDE BMPs)	Solicit constructive feedback to the stormwater program	No feedback obtained from public input meetings
2					
3					
4					
5					
6					
7					

REMINDER: Provide necessary background information. This is the final tab of the Annual Report worksheet. Please review the entire worksheet for completeness and accuracy and save this document. Email this Annual Report file PLUS any identified attachments to: **PH2_EAnnRpt@ecy.wa.gov** no later than March 31, 2014. Mail two hard copies of the entire package to the address listed on the Certification tab.

ORIGINAL
1042

**INTERGOVERNMENTAL LOCAL AGREEMENT EXTENSION
FOR STORMWATER PERMIT COMPLIANCE ACTIVITIES**
BETWEEN
YAKIMA COUNTY
AND
THE CITIES OF
YAKIMA, UNION GAP AND SUNNYSIDE

March, 2011

THIS AGREEMENT is made and entered into between Yakima County, a municipal corporation of the State of Washington, hereinafter referred to as "County", and the Cities of Yakima, Union Gap and Sunnyside, all being municipal corporations, hereinafter referred to as "Yakima", "Union Gap" and "Sunnyside" respectively, or "Cities" when it includes all, or "City" when it is either Yakima, Union Gap or Sunnyside; and,

WHEREAS, Yakima County and the Cities of Yakima, Union Gap and Sunnyside are required to comply with the State of Washington's Eastern Washington Phase II Municipal Stormwater General Permit, hereinafter referred to as "Permit"; and,

WHEREAS, the County and Cities formed the Regional Stormwater Policy Group to ascertain the most cost beneficial course of action for the Parties in order to provide the best value to their citizens concerning NPDES II stormwater plan development for respective Municipal Separate Storm Sewer Systems; and,

WHEREAS, the County and Cities acknowledge the financial and consistency benefits of a regional plan and agree to continue as primary and co-permittees to meet the Permit requirements of regulated small MS4s, as allowed under the Permit; and,

WHEREAS, the County and Cities have agreed that the County would administer and manage a Permit as the primary permittee with Cities as co-permittees for the respective Municipal Separate Storm Sewer Systems; and,

WHEREAS, the County and Cities under RCW Chapter 39.34, have the legal authority to enter into interlocal agreements for the sewerage and stormwater management programs within its boundaries consistent with relevant laws; and,

WHEREAS, the County and Cities have authority to operate and maintain storm and surface water management systems and many other services as provided for under their relevant laws; and,

WHEREAS, the County and Cities have enjoyed a strong and effective partnership under an existing interlocal agreement for permit years four and five effective November 10, 2009; and,

WHEREAS, the existing interlocal agreement specifies timelines for a future interlocal agreement to share permit compliance tasks in a future permit to be issued by Washington State Department of Ecology, and,

WHEREAS, the Washington State Department of Ecology is approximately six months behind schedule developing the next permit that will specify compliance tasks to be shared by the County and Cities; and,

WHEREAS, the County and the Cities would like to continue the regional stormwater approach for public benefit; and,

NOW, THEREFORE, in consideration of the covenants and agreements to be kept and performed by the parties hereto, it is agreed as follows:

Section 1. Modification of previous ILA

The ILA titled "*Intergovernmental Local Agreement For Stormwater Permit Compliance Activities Between Yakima County And The Cities Of Yakima, Union Gap And Sunnyside, September, 2009*" (2009 ILA) is modified as follows:

Section 12. Duration

This Agreement is for Years four (4) and five (5) of the Permit effective February 16, 2007 (current Permit) and will be reviewed by all Parties upon receipt of a Public Review and Comment Draft of the Municipal Stormwater General Permit issued by Ecology for discharges on or after February 16, 2012 (next Permit) for consideration of continuing the Agreement beyond the current permit cycle, and for potential amendment of responsibilities.

A decision and written commitment to amend and/or extend the Agreement for the next Permit is required from all Parties within 60 days of receipt of a Public Review and Comment Draft of the next Permit or the Agreement terminates upon issuance of the next Permit.

Section 2. Retention of previous ILA sections

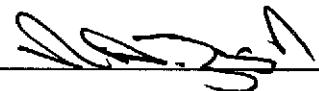
A. All other sections of the 2009 ILA remain valid and binding.

Section 3. Effective Date / Counterparts

This Agreement may be signed in counterparts, with each Party hereto receiving copies of all participating Party's fully executed signature pages. This Agreement shall become effective when executed by all Parties hereto.

IN WITNESS WHEREOF, this instrument has been executed in duplicate by authority of lawful actions by the Councils and Board of County Commissioners.

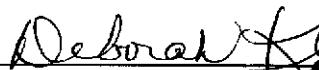
CITY OF YAKIMA



R.A. Zais, Jr., City Manager

Date: 6/21/11

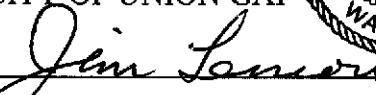
Attest:



City Clerk



CITY OF UNION GAP



Jim Lemon, Mayor

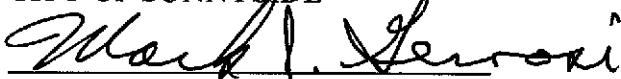
Date 06-08-11

Attest: Kathryn Thompson



City Clerk

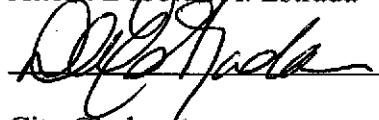
CITY OF SUNNYSIDE



Mark J. Gervasi, City Manager

Date 4/12/2011

Attest: Deborah A. Estrada



City Clerk

BOARD OF YAKIMA COUNTY
COMMISSIONERS



Kevin J. Bouchey, Chairman



Rand Elliott, Commissioner



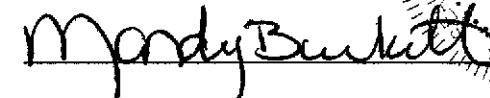
Michael D. Leita, Commissioner

Constituting the Board of County Commissioners for
Yakima County, Washington

Date: 6/21/11



Attest: Tiera Girard



Clerk of the Board

Mandy Burkett
Deputy Clerk of the Board

BOCC 346-2011

June 21, 2011

Approved as to Form:



Deputy Prosecuting Attorney



Regional Stormwater Management Program

www.yakima-stormwater.com

Summary of 2013 Stormwater Permit Public Outreach Activities

During calendar year 2013, the Yakima Regional Stormwater co-permittees' Public Education and Outreach Program conducted the following activities:

1. Regional Stormwater Management Group

The co-permittees met monthly to discuss outreach priorities and target audiences.

2. General public outreach campaigns

a. Billboard ads

The Regional Stormwater Management Group cost-shared a billboard ad campaign that placed a message on 18 billboard locations across the county. Ads ran four weeks at the end of summer. Billboards ran longer than contracted for additional outreach.

b. Posters

The group continued to distribute an 11x17" *Only Rain in the Drain!* poster in English, Spanish and English-Spanish. Copies were distributed to the regional co-permittees for display in public places.

c. Printed materials

The regional group continued to distribute copies of the *Five Myths about Stormwater in Yakima County* brochure. It is available in English and Spanish at the main desk at all municipal buildings, two libraries, the Health District, Ecology's Yakima office, WDFW and WSDOT. It is also available at the City of Yakima's Planning Department and Yakima County Public Services.

d. Event participation

A substantial amount of regional outreach effort was invested by the regional stormwater group at the Central Washington State Fair in September. In addition to staffing the booth, an interactive stormwater model was staffed to show school age children the impacts of stormwater pollution. In addition, coloring books and activity books were distributed primarily to school-age children.

e. Y-PAC videos

The public access television station owned by City of Yakima aired a variety of stormwater message videos throughout the year. In concert with the fair, an interview with the regional outreach coordinator was taped and aired in September.

f. Networking

The Regional Outreach Coordinator conducted an after-school program for about 40 fourth and fifth graders at Chief Kamiakin Elementary in Sunnyside in late November.

The Regional Outreach Coordinator began networking with the Yakima Basin Environmental Education Program, the Yakima Environmental Learning Foundation, the Arboretum, and the Cowiche Canyon Conservancy to identify opportunities to incorporate stormwater messages into the outreach activities already in place by these organizations. The regional coordinator also met with the Yakima Basin Fish and Wildlife Recovery Board (YBFWRB) newly formed outreach committee that is attempting to organize a Master Stewards type of citizen watershed program.

3. Targeted campaigns

a. Businesses

The regional group produced *Keep Your Shop in Tune*, an informational guide for auto repair businesses on how to manage their stormwater. The 11x17" posters were mass-mailed to automotive businesses, along with a cover letter encouraging their participation in adopting best management practices.

b. School age children

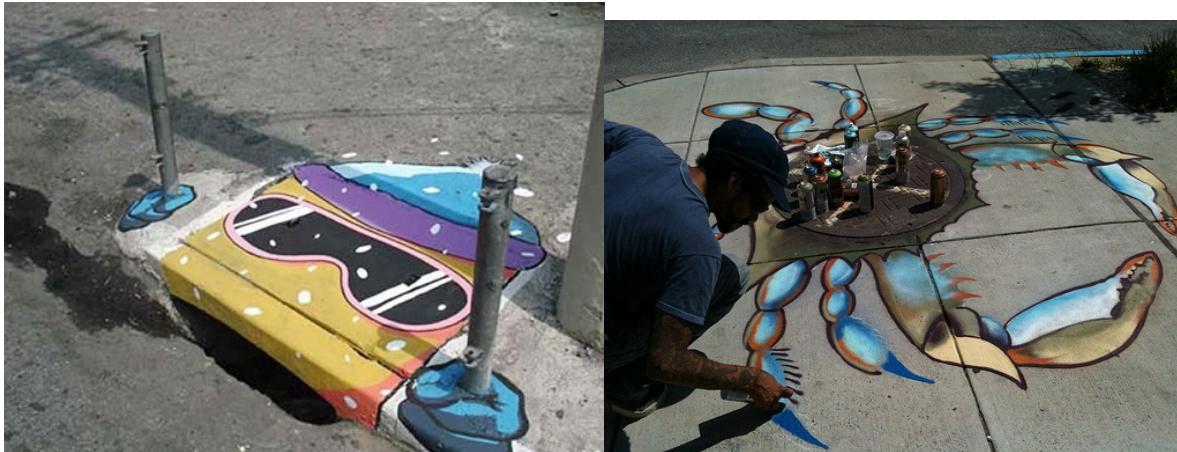
The regional group participated as interested permittees in the Grant of Regional or Statewide Significance submitted by Asotin County. We will see the Water on Wheels program in area schools in 2014.

4. Special projects

a. Stormwater Art Campaign

An effort based on Sao Paolo, Brazil (see figure below) and Springfield, MO to incorporate artwork into storm drains was actively pursued for much of 2013. The initial concept was presented to the regional co-permittees as a pilot project in the City of Yakima and several catch basin locations were chosen in the downtown core. Conceptual support was obtained from the City Arts Commission and the Allied Arts Commission. A juried show was conceived to coincide with the opening of the 2014 Farmer's Market in downtown Yakima. In a meeting with City staff on October 22, an alternate campaign was suggested due to staff concerns about artist safety working in the streets and a new City of Yakima Right-of-way (ROW) permit

that would require permits for the artists to work in the ROW. The alternate plan, using portable metal salmon cutouts as the artist 'canvas' was pursued by City of Yakima, but has not yet been implemented. The Allied Arts Commission has dissolved recently, so the future of art in the Yakima area is uncertain.



Examples of stormwater street art.

3 Summary of 2013

General Stormwater Permit public outreach activities

2013 Stormwater Annual Report: Mapping Updates

During the 2013 calendar year, Yakima County updated the MS4 map to reflect recent physical changes to the system, mainly County projects that augmented road function or drainage function. The following paragraphs outline these map changes that were made to the MS4 in 2013:

County Project C2958 – Summitview Road Improvement Project

This road improvement project is located on Summitview Road between Elliot Road and Forney Road in Cowiche, and included converting approximately 4,000 feet of road surface to sidewalk, curb and gutter. 48 newly installed stormwater facility points and their associated facility lines were mapped in this area.

County Project C3315 – Beaudry Road Improvements: Duffield Road to Mieras Road

This road improvement project is located on Beaudry Road between Elliot Road and Forney Road in Moxee, and included modifying approximately 2,600 feet of road surface to include sidewalk, curb and gutter. Nearly 40 newly installed stormwater facility points and their associated facility lines were mapped in this area.

County Project C3196 – Hennessy Road Improvement Project: End of Road to Tieton Road

This road improvement project is located on Hennessy Road, approximately $\frac{1}{2}$ mile west of the 96th Avenue and Summitview Avenue intersection near the City of Yakima, and included modifying between $\frac{1}{2}$ mile and 1 mile of road surface to include sidewalk, curb and gutter. Approximately 2 dozen newly installed stormwater facility points and their associated facility lines were mapped in this area.

County Project C3203 – Lampe Road Improvement Project: N Wenas Road to Nagler Road

This road improvement project is located on Lampe Road, approximately 2 miles northeast of the City of Selah and included modifying $\frac{3}{4}$ mile of road surface to include curb and gutter. Approximately 2 dozen stormwater facility points and their associated facility lines were mapped in this area.

Channel Drive

Two catch basins associated with a UIC on a short segment of Channel Drive were added to the MS4 database following the construction of a new church off of Maple Way in Terrace Heights.

Check Dams

57 check dams to prevent erosion and control sediment in roadside ditches were constructed with quarry spalls and installed along McAuley Road west of the City of Yakima, Old Stage Way between Gleed and the City of Selah, and Schuller Grade northwest of City of Yakima. These check dams were subsequently mapped in 2013.

Stormwater Call Log

Printed: 3/10/2014 11:00:15 AM

ID Number: 30

Call Received By: Brian Cochrane

Date Received: 5/29/2013

Complainant: Eric Pruneida

Address: URS Corporation

City: Yakima

Phone: (509) 469-0317

Email:

Call Type: Illicit Discharge

Location St: Terrace Hts Ave

Location Area: Terrace Hts

Incident Date: 5/24/2013

Incident Time: 08:00

Description/Comment: from e-mail: On my way to work this morning I witnessed an on-going illicit discharge coming from the Terrace Heights Elementary School construction site. The attached picture was taken around 8:00 AM.

Pollution Type: Construction Erosion

Odor:

Color:

Floatables:

Staining:

Response Date: 5/29/2013

Jurisdiction: Yakima County - Permit Area

Response: forwarded e-mail with picture to John Walkenhauer and Troy for follow-up. John called contractor and informed Les Brown, Charboneau Construction to clean up and prevent future runoff. Troy to follow up this afternoon and verify that action is being taken.

Response Person:

ID Number: 31

Call Received By: Brian Cochran

Date Received: 7/2/2013

Complainant: Brian

Address:

City:

Phone:

Email:

Call Type: Illicit Discharge

Location St: Selah Loop Road south of roundabo **Location Area:** Selah

Incident Date: 6/29/2013 **Incident Time:** 14:00

Description/Comment: Landscape bark from trailer park washed into street system during cloudburst.

Pollution Type: Localized Flooding

Odor: None

Color: None

Floatables: Other

Staining: None

Response Date: 7/2/2013

Jurisdiction: Yakima County - Permit Area

Response: Called Jason A at Maintenance. They will sweep and clean catch basins. Containment pond was not full to overflow immediately after event.

Response Person:

Yakima County construction inspections, December 2011

A review by Yakima County of all parcels one acre or larger within the stormwater permit boundary that obtained grading or building permits in 2013 found that project disturbance was less than one acre and the projects were either complete or not a threat to the MS4.

A site visit to 11 parcels by Carolyn Ehlis, a CESL certified staff member, was performed between December 30 and December 31, 2013 to assess the amount of disturbance, whether or not the site drained to the County municipal separate storm sewer system (MS4), and whether any further erosion and sediment control Best Management Practices (BMPs) were warranted to protect the MS4. The attached table and photos document findings. No further action is necessary.

Parcel #	Location	City	Parcel Acres	Photo ID	Percent Disturbed	Area Disturbed (acres)	Drains to MS4
17120244450	10797 Gilbert Rd	Yakima	5.83	ID-226	>1	0.4	No
17132443406	206 S Pear Ave	Yakima	1.41	ID-224-225	0	0	No
17132544001	S 96th and Wide Hollow Rd.	Yakima	21.3	No construction on site	0	0	No
17132544406	S 96th and Wide Hollow Rd.	Yakima	3.14	No construction on site	0	0	No
18120321401	2301 S 38th Ave	Yakima	4.99	ID-227-228	>1	0.2	Yes
18120323008	4101 Ahtanum Rd	Yakima	1.28	No construction on site	0	0	Yes
19131513458	N Aix Wy & Boulder Wy	Terrace Heights	8.11	No construction on site	0	0	Yes
19131513465	Maple Ave & Boulder Wy	Terrace Heights	1	ID-238 Multiple parcels with some completed structures.	0	0	Yes
19132121407	University Pkwy	Terrace Heights	1	No construction on site	0	0	Yes
19132142415	500 University Pkwy	Terrace Heights	36.4	ID- 241-242 Active construction site	6%	2	Yes
19132333414	803 Castle Pl	Terrace Heights	1.79	ID 233-234 Construction complete	>1	0.8	No
19132334418	Terrace Heights Drive	Terrace Heights	7.02	ID 230-232 Part of a construction site, no disruption of parcel ground.	0	0	Yes

Parcel-17120244450

10797 Gilbert Rd, Photo ID 226, >1acre disturbance



Parcel-17132443406

206 S Pear Ave, Photo Id 224-225 >1 acre of disturbance



Parcel 18120321401

2301 S 38th Ave, Photo ID-227-228, >1 acre of disturbance



Parcel 19131513458

End of Boulder Way, Photo ID 238- no construction at site.



Parcel 19131513465

Boulder Way, Photo ID 238, >1 acre disturbed



Parcel 19132142415

500 University Pkwy, Photo ID 241-242 Active construction site 6% of disturbed land.



Parcel 1913233414

Castle Pl & Norman Rd, Terrace Hts. >1 acre disturbed



Parcel 19132334418

Terrace Heights Drive, >1 acre disturbed

South side of Parcel



2013 Mylar Sign Off For Brian Cochrane

Menu			Creation					Assigned			
Case No:	ID:	Code:	Description:	Date:	Date 1:	Date 2:	Date 3:	Disp:	To:	Done By:	Updated By:
SUB2011-00017	B	20	Mylar Tracking	12/17/2013	12/17/2013		12/17/2013	DONE		BJC	BJC
Notes: Plat notes re: stormwater retention and drainageways are correct											
SUB2011-00025	B	20	Mylar Tracking	12/3/2013	12/3/2013		12/3/2013	DONE		BJC	BJC
Notes: Plat notes re: surface water and drainage are correct. GIS indicates shallow hardpan and limited drainage soils, which may make compliance with on-site retention (and septic) difficult and/or expensive, especially for the smaller lots.											
SUB2011-00053	B	20	Mylar Tracking	2/6/2013	2/6/2013		2/6/2013	DONE		BJC	BJC
Notes: No flood issues. Statement on face of plat re: on site drainage and natural drainageways appropriate and correct. Concerned that soils data layer showing shallow depth to hardpan in areas being developed. Will cause increased cost to meet septic and on-site retention criteria.											
SUB2011-00077	B	20	Mylar Tracking	12/16/2013	12/16/2013		12/16/2013	DONE		BJC	BJC
Notes: Plat notes requiring on site retention and prohibiting drainageway modification are correct. GIS shows several conditions that will make this challenging on this site: Depth to hardpan is <3', hydrologic soil type is class D, the poorest draining, and slopes approach 10%, all of which makes drainage control challenging and potentially expensive.											
SUB2012-00013	B	20	Mylar Tracking	2/20/2013	2/20/2013		2/20/2013	DONE		BJC	BJC
Notes: Based on information available, plat note regarding surface water and drainageways is correct and appropriate.											
SUB2012-00035	B	20	Mylar Tracking	8/23/2013	8/23/2013		8/23/2013	DONE		BJC	BJC
Notes: Plat notes re drainage are correct.											
SUB2012-00045	B	20	Mylar Tracking	5/20/2013	5/20/2013		5/20/2013	DONE		BJC	BJC
Notes:											
SUB2012-00046	B	20	Mylar Tracking	5/20/2013	5/20/2013		5/20/2013	DONE		BJC	BJC
Notes:											
SUB2012-00051	B	20	Mylar Tracking	5/20/2013	5/20/2013		5/20/2013	DONE		BJC	BJC
Notes: Floodway and floodplain need to be shown on the final plat. Recommend Planning discuss with Building Dept. how buildable area will be enforced. Floodplain permit should be required.											

Menu			Creation					Assigned			
Case No:	ID:	Code:	Description:	Date:	Date 1:	Date 2:	Date 3:	Disp:	To:	Done By:	Updated By:
SUB2012-00052	B	20	Mylar Tracking	4/1/2013	4/1/2013		4/1/2013	DONE		BJC	BJC
Notes: Based on information received, language on face of plat re:on-site surface water and drainageways is correct and appropriate.											
SUB2012-00053	B	20	Mylar Tracking	1/9/2013	1/9/2013		1/9/2013	DONE		BJC	BJC
Notes: Based on information provided, no apparent flood or storm water concerns. Language on face of plat re: runoff retention and drainageways is acceptable.											
SUB2012-00056	B	20	Mylar Tracking	5/10/2013	5/9/2013		5/9/2013			BJC	JEP
Notes: Plat notes regarding on-site retention and drainageways is correct.											
SUB2012-00062	B	20	Mylar Tracking	3/7/2013	3/7/2013		3/7/2013	DONE		BJC	BJC
Notes: Based on information provided on final mylar, no apparent flood or stormwater issues. Plat language reqiring on-site retention and prohibiting drainageway obstruction is correct and appropriate.											
SUB2012-00066	B	20	Mylar Tracking	6/6/2013	6/6/2013		6/6/2013	DONE		BJC	BJC
Notes: Drainage notes correct.											
SUB2012-00067	B	20	Mylar Tracking	6/6/2013	6/6/2013		6/6/2013	DONE		BJC	BJC
Notes: Drainage notes correct											
SUB2012-00068	B	20	Mylar Tracking	1/24/2013	1/24/2013		1/24/2013	DONE		BJC	BJC
Notes: No apparent Flood Control or Stormwater issues. Note on plat re:drainage incomplete - should state that drainageways must not be altered, in addition to impeded. Site appears flat from GIS, so may not be significant in this case, but language should be changed for consistency.											
SUB2012-00083	B	20	Mylar Tracking	4/10/2013	4/10/2013		4/10/2013	DONE		BJC	BJC
Notes: Note on plat re surface water retention and drainageways is correct. GIS data layers showhard pan within 3' of the surface on much of the lot area, making on-site retention more difficult.											
SUB2012-00086	B	20	Mylar Tracking	4/1/2013	4/1/2013		4/1/2013	DONE		BJC	BJC
Notes: Based on information provided, language on face of plat re: surface water and drainageways is correct and appropriate.											
SUB2012-00089	B	20	Mylar Tracking	7/24/2013	7/24/2013		7/24/2013	DONE		BJC	BJC
Notes: Plat language re: drainage is correct.											

Case No:	Menu			Creation			Assigned				
	ID:	Code:	Description:	Date:	Date 1:	Date 2:	Date 3:	Disp:	To:	Done By:	Updated By:
SUB2012-00093	B	20	Mylar Tracking	12/6/2013	12/6/2013		12/6/2013	DONE		BJC	BJC
<p>Notes: Plat note E regarding drainage is correct.</p>											
SUB2013-00001	B	20	Mylar Tracking	6/4/2013	6/4/2013		6/4/2013	DONE		BJC	BJC
<p>Notes: Surface water and drainageway language is correct.</p>											
SUB2013-00002	B	20	Mylar Tracking	8/1/2013	8/1/2013		8/1/2013	DONE		BJC	BJC
<p>Notes: Plat language on drainage is correct.</p>											
SUB2013-00005	B	20	Mylar Tracking	5/30/2013	5/30/2013		5/30/2013	DONE		BJC	BJC
<p>Notes: Plat notes re: onsite drainage retention and pass through drainage are correct and appropriate. Drainageway exists on site trending east to west across the middle of the parent parcel.</p>											
SUB2013-00006	B	20	Mylar Tracking	9/5/2013	9/5/2013		9/5/2013	DONE		BJC	BJC
<p>Notes: Plat notes re drainage are correct.</p>											
SUB2013-00006	B	20	Mylar Tracking	10/2/2013	10/2/2013		10/2/2013	DONE		BJC	BJC
<p>Notes: Note D re: on-site retention and drainageways is correct.</p>											
SUB2013-00008	B	20	Mylar Tracking	5/9/2013	5/9/2013		5/9/2013	DONE		BJC	BJC
<p>Notes: Plat notes regarding on-site retention and drainageways is correct.</p>											
SUB2013-00010	B	20	Mylar Tracking	6/28/2013	6/28/2013		6/28/2013	DONE		BJC	BJC
<p>Notes:</p>											
SUB2013-00011	B	20	Mylar Tracking	9/5/2013	9/5/2013		9/5/2013	DONE		BJC	BJC
<p>Notes: Plat notes re drainage are correct. Soils layer in the GIS indicates shallow hardpan that may make on-site retention challenging on the smaller lot, depending on the amount of imperviousness.</p>											
SUB2013-00014	B	20	Mylar Tracking	6/14/2013	6/14/2013		6/14/2013	DONE		BJC	BJC
<p>Notes: Drainageway and onsite retention language correct.</p>											
SUB2013-00016	B	20	Mylar Tracking	8/27/2013	8/27/2013		8/27/2013	DONE		BJC	BJC
<p>Notes: Plat notes re drainage are correct.</p>											

Menu			Creation					Assigned			
Case No:	ID:	Code:	Description:	Date:	Date 1:	Date 2:	Date 3:	Disp:	To:	Done By:	Updated By:
SUB2013-00017	B	20	Mylar Tracking	12/13/2013	12/13/2013		12/13/2013	DONE		BJC	BJC
Notes: Plat notes re: surface water retention and drainageways is correct except for mis-spelling of "their", spelled "there" on submitted documents.											
SUB2013-00021	B	20	Mylar Tracking	8/12/2013	8/12/2013		8/12/2013	DONE		BJC	BJC
Notes: Stormwater retention and drainage notes correct.											
SUB2013-00022	B	20	Mylar Tracking	8/30/2013	8/30/2013		8/30/2013	DONE		BJC	BJC
Notes: Drainage language in Statements is correct.											
SUB2013-00023	B	20	Mylar Tracking	12/3/2013	12/3/2013		12/3/2013	DONE		BJC	BJC
Notes: Plat notes re: drainage are correct.											
SUB2013-00024	B	20	Mylar Tracking	9/17/2013	9/17/2013		9/17/2013	DONE		BJC	BJC
Notes: Plat note re on-site retention and drainageways is correct. GIS shows shallow hardpan in NE corner of Lot 2 near Nagler Road and contours show drainage from same area east to drainageway on adjacent lot. Limited development potential in NE corner to avoid impacts to adjacent lot.											
SUB2013-00026	B	20	Mylar Tracking	7/16/2013	7/16/2013		7/16/2013	DONE		BJC	BJC
Notes: No apparent stormwater or flood issues. Plat language is correct.											
SUB2013-00028	B	20	Mylar Tracking	11/25/2013	11/25/2013		11/25/2013	DONE		BJC	BJC
Notes: Plat note re: surface water retention and natural drainageways is correct. Site will present very serious challenges to infiltration with both very shallow soils (<12" topsoil to basalt bedrock) and very poorly draining soils on remaining area (hydrologic soils class of C & D). Have recommended parcel tags (verbally to Dave S on 11/25/13) to alert Building reviewers of limiting site conditions.											
SUB2013-00030	B	20	Mylar Tracking	9/20/2013	9/20/2013		9/20/2013	DONE		BJC	BJC
Notes: Floodplain on north half of lot 1 previously noted in Tidemark. Plat notes regarding on-site drainage retention and drainageways is correct.											
SUB2013-00031	B	20	Mylar Tracking	10/24/2013	10/24/2013		10/24/2013	DONE		BJC	BJC
Notes: Plat note re: drainage retention and drainageways is correct. GIS indicates shallow hard pan over much of parent lot, so attention to impervious surface limits and septic drainage will be important.											
SUB2013-00035	B	20	Mylar Tracking	11/4/2013	11/4/2013		11/4/2013	DONE		BJC	BJC
Notes: Statement regarding drainage is correct.											

Menu			Creation					Assigned			
Case No:	ID:	Code:	Description:	Date:	Date 1:	Date 2:	Date 3:	Disp:	To:	Done By:	Updated By:
SUB2013-00037	B	20	Mylar Tracking	10/16/2013	10/16/2013		10/16/2013	DONE		BJC	BJC
<p>Notes: Statement and Notification "D" re surface water and drainageways is correct. GIS indicates 3-6' hardpan on some of the site, slope, and slow drainage soils, all of which might limit ability to retain runoff on-site if more impervious is added. Given lot size and current amount of impervious, should be okay though.</p>											
SUB2013-00039	B	20	Mylar Tracking	12/12/2013	12/12/2013		12/12/2013	DONE		BJC	BJC
<p>Notes: Plat notes re: stormwater retention and drainageways is correct</p>											
SUB2013-00044	B	20	Mylar Tracking	12/17/2013	12/17/2013		12/17/2013	DONE		BJC	BJC
<p>Notes: Plat notes re: stormwater and drainageways are correct.</p>											
SUB2013-00047	B	20	Mylar Tracking	11/25/2013	11/25/2013		11/25/2013	DONE		BJC	BJC
<p>Notes: Plat notes re drainage are correct.</p>											

Count:

44

I. Permittee Information

Permittee Name City of Yakima	Permittee Coverage Number #WAR04-6013
Contact Name Shelley Willson	Phone Number (509) 249-6815
Mailing Address 129 N. 2nd Street	
City Yakima	State WA Zip + 4 98901
Email Address swillson@ci.yakima.wa.us	

II. Regulated Small MS4 Location

Entity Type: <i>Put an X in the box that applies</i>		
Jurisdiction City of Yakima	County	City/Town X
Major Receiving Water(s) Naches River, Yakima River, Wide Hollow Creek		

III. Relying on another Governmental Entity

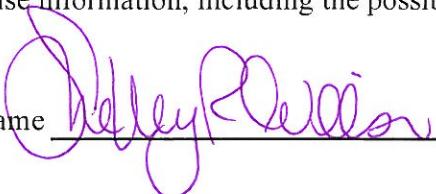
If you are relying on another governmental entity to satisfy one or more of the permit obligations, list the entity and briefly describe the permit obligation(s) they are implementing on your behalf below. ***Attach a copy of your agreement with the other entity to provide additional detail (unless previously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

Name of Entity: Yakima County	Permit Obligation(s): Per attached ILA

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 Kelley R. Wilson Title Manager Date 3/28/2014

Name _____ Title _____ Date _____

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		City of Yakima SWMP.pdf
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	No annexations finalized in 2013	
3 Tracked or estimated the cost of development and implementation of the SWMP. (S5.A.4.a.ii)	Y		
4 Implemented a public education and outreach strategy designed to reach all of the identified target audiences. (S5.B.1.b)	Y		
4a Attached a description of the number and type of public education and involvement activities (S5.B.1.b)	Y	Participated in Regional outreach efforts and additional efforts identified in attached spreadsheet.	Summary of 2013 Public Outreach Activities.pdf and City of Yakima Stormwater Issues and Outreach 2013.xlsx
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	http://www.co.yakima.wa.us/stormwater/documents/RSWMP6.pdf	
6 Completed the map of your MS4. (<i>Required no later than February 15, 2012</i> , S5.B.3.a)	Y	Submitted February 13, 2012.	
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	Minor corrections submitted to Yakima County GIS	
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	Ongoing	
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	Wide Hollow Creek	
8a Attached a summary of outfalls and illicit discharges discovered, and actions taken to eliminate the illicit discharges. (S5.B.3.c.ii)	Y	No outfalls/illegal discharges discovered	
9a Publicized a hotline or other local telephone number for public reporting of illicit discharges, including spills. (S5.B.3.d.ii)	Y		
9b Attached summary of hotline reports received and follow-up actions taken during the reporting period (S5.B.3.d.ii)	Y	Reports were received directly to City of Yakima	City of Yakima Stormwater Issues and Outreach 2013.xlsx
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	Ongoing Streets Dept trained Dec 17 Water/Irrigation Dept trained Dec 10, Collections Dept trained Dec 19	

Question		Y/N/ NA	Comments (50 word limit)	Name of Attachment & Page Number, if applicable
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	Ongoing, see #10 above	
12	Implemented procedures for the IDDE program. (S5.B.3.e)	Y	Ongoing	
12a	Attached summary of numbers and types of illicit discharges identified; inspections made; and any feedback received from public education efforts. (S5.B.3.e)	Y		City of Yakima Stormwater Issues and Outreach 2013.xlsx
13	Implemented procedures for construction site plan review. (S5.B.4.b)	Y		
14	Reviewed <i>Stormwater Site Plans</i> including construction SWPPPs for new development and redevelopment projects.	Y	All projects reviewed by the Surface Water Engineer	
14a	Number of site plans reviewed during the reporting period:	Y		
14b	Number of SWPPPs reviewed during the reporting period:	Y		
14c	Number of site plans approved during the reporting period:	Y		
15	Implemented procedures for site inspection and enforcement of construction stormwater pollution control measures. (S5.B.4.c)	Y	Code Enforcement inspects control measures on private property; Engineering inspects control measures on public right-of-way.	
16	Provided adequate training for all staff involved in permitting, plan review, field inspection and enforcement for construction site runoff control. (S5.B.4.b.i and S5.B.4.c.ii)	Y	5 People recertified their CESCL training in 2012. Recertification not needed until 2015	
17	Inspected construction-phase stormwater controls at new development and redevelopment projects. (S5.B.4.c.iii)	Y	Code Enforcement inspects control measures on private property; Engineering inspects control measures on public right-of-way.	
17a	Number of sites inspected during the reporting period:	Y		
18	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)	Y		
19	Implemented procedures for post-construction site plan review. (S5.B.5.b)	Y	In accordance with YMC 7.83.130	
20	Implemented procedures for post-construction site inspection and enforcement of post-construction stormwater control measures. (S5.B.5.c)	n/a	In accordance with YMC 7.83.160(2) and 7.83.170.	
21	Inspected post-construction stormwater controls, including structural BMPs, at new development and redevelopment projects. (S5.B.5.c)	Y		
21a	Number of sites inspected during the reporting period:	Y	5	
22b	Number of structural BMPs inspected at new development and redevelopment sites during the reporting period:	Y	34	

Question		Y/N/ NA	Comments (50 word limit)	Name of Attachment & Page Number, if applicable
23	Inspected structural BMPs at least once during installation. (S5.B.5.c.ii)	Y		
23a	Number of structural BMPs inspected during installation during the reporting period:	Y	34	
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		
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:	Y	60 swales, 5,586 catch basins, 779 UIC/Drywells and 955 manholes	
26b	Number of facilities inspected during the reporting period:	Y		
27	Have NPDES permit coverage for stormwater discharges for all applicable construction projects and industrial facilities. (S5.B.6.a.i)	Y	WAR301207 - Billy's Pond WAR127346 - Naches River WTP Backwash Improvement WAR126703 - Martin Luther King Jr Blvd Underpass	
28	Conducted spot checks of stormwater facilities after major storms. (S5.B.6.a.ii)	n/a	No qualifying rain events	
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		
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)	n/a	No known failures to comply with permit.	
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)	Y		
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)	Y		
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)]	Y		City of Yakima Stormwater Issues and Outreach 2012.xlsx

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	Implementation of the outreach program has improved messaging. Target audience feedback is indicating that messages are being received.
2. Are the BMPs selected and implemented for Public Involvement appropriate to minimize pollutants in the MS4 to the MEP?	Y	Public attendance and input continues to be infrequent, consistent with other jurisdictions nationwide. The redesigned website will feature a prominent feedback form to encourage participation.
3. Are the BMPs selected and implemented for Illicit Discharge Detection and Elimination appropriate to minimize pollutants in the MS4 to the MEP?	Y	Improvements in water quality should result from removal of illicit discharges and connections during mapping and smoke testing has identified illicit connections to be removed, responding to hotline call reports, increased investigation efficiency from the developed procedures manual, and staff training.
4. Are the BMPs selected and implemented for Construction Stormwater Pollution Prevention appropriate to minimize pollutants in the MS4 to the MEP?	Y	Education and enforcement actions related to the ordinance have helped keep sediment and other pollutants out of the MS4. Training opportunities on the regional website provide contractors and others a listing of available stormwater related courses and conferences held by other entities. This is an inexpensive method for distributing this information and this webpage has been visited regularly.
5. Are the BMPs selected and implemented for Post-Construction Runoff Management appropriate to minimize pollutants in the MS4 to the MEP?	Y	Education and enforcement actions related to the ordinance have helped keep sediment and other pollutants out of the MS4. Training opportunities on the regional website provide contractors and others a listing of available stormwater related courses and conferences held by other entities. This is an inexpensive method for distributing this information and this webpage has been visited regularly.
6. Are the BMPs selected and implemented for Good Housekeeping for Municipal Operations appropriate to minimize pollutants in the MS4 to the MEP?	Y	Good housekeeping BMPs are appropriate. Staff have been complying with O&M practices.

REMINDER: Answer each question Y/N/NA and provide necessary background information in the *Comments* field. Proceed to the next tab.

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	Justification for Change
1	Public Input meeting	Solicit constructive feedback to the stormwater program	Feature prominent feedback form on the website (under IDDE BMPs)	Solicit constructive feedback to the stormwater program	No feedback obtained from public input meetings
2					
3					
4					
5					
6					
7					

REMINDER: Provide necessary background information. This is the final tab of the Annual Report worksheet. Please review the entire worksheet for completeness and accuracy and save this document. Email this Annual Report file PLUS any identified attachments to: **PH2_EAnnRpt@ecy.wa.gov** no later than March 31, 2013. Mail two hard copies of the entire package to the address listed on the Certification tab.

2013 Stormwater Issues (Wastewater Division/Pretreatment Office)

Business/Resident Name	Address	Incident/Violation	Ecology Notified	Date letter issued	Compliance Date	Corrected?
Ed Cavallo	401 S. 36th	Neighbor mows grass clippings onto street. Message from B. Cochrane. I contacted Mr. Cavallo (307-1265 edcavallo@cefofwa.com) and he said he'd provide information to the City if the incident occurs again.	NO, not until an official complaint is made.	NA	NA	NA
Harry Singh AM/PM	1820 S. 3rd Ave.	Pipe connected from building at 1820 S. 3rd to City's drain near WA Ave. The discharge appeared to be NCCW.	Yes, 2/20/13.	2/20/2013	3/11/2013	Yes. Inspected by Collections.
Darling International/Holiday Inn	8th St to 6th St.	Track-out of grease from Holiday Inn parking lot to City Streets.	Yes, 3/6/13.	3/5/2013	NA	NA
Roche Fruit	N.1st St.	4/9/13 Anonymous caller said that Roche Fruit was discharging sewage onto the street. Pretreatment investigated and found that the street was wet but there was no visible discharge from Roche Fruit. PT investigated and found that the condensation was from the cooling unit.	Yes, emailed ECY.	NA	NA	Yes, cooling water is now collected and not allowed to run down the street.
Presbyterian Church 4-plex demolition. TTC Construction	W. Yakima Avenue/S. 7th Ave Chestnut/8th Ave	Terry Wittmeier emailed with pics. 4/10/13 Collections crew cleaned catch basin and Street crew swept street. Investigation revealed demolition on church property. Gypsum/sawdust lined the street and went into stormdrain.	ECY notified City 4/9/13.	4/17/13. Issued to TTC Construction.	4/26/13. Due date to clean-up street.	Yes.
Presbyterian Church 4-plex demolition, TTC Construction	W. Yakima Avenue/S. 7th Ave Chestnut/8th Ave	Ray Latham sent email with pics (5/3/13) regarding dust along curb on Yakima Ave., between 6th and 7th.	ECY notified City 5/3/13.	Contacted TTC regarding new location of gypsum/dust.	NA. Requested clean-up ASAP.	Yes. Cleaned 5/17/13.
Evans Fruit	5002 Tieton Dr.	Scott Schafer reported an 'apple smell' from the stormwater back-up on 48th. Pretreatment investigated and found that Evans Fruit had cull bins that were placed over and leaking into the catch basin and then into the DID. Upon notification, Evans Fruit moved bins to a gravel area and placed Visqueen over the catch basin to prevent further discharge to the DID.	County notified. Discharge was to DID. ECY notified 5/29/13	5/29/13. Memo with attached report to Brian Cochrane and T. Wittmeier.	NA	NA
Evans Fruit and Borton Fruit	48th Avenue DID back-up	Apples found on 5/25/13. PT follow-up identified stickers from Evans Fruit and Borton Fruit in the 48th Avenue flooded area.	Yes, submitted follow-up email to ECY on 6/4/13.	NA - County DID	NA - County DID	NA - County DID
Yakima County		Oil like substance on roadway along 3rd and Pine. PT investigated and Yakima county was responsible for the spill.	Yes, submitted follow-up email to ECY on 6/24/13.	6/24/2013	Clean-up invoice sent.	Pd. Invoice.
Leo's Lawn and Paint	603 S. 18th Ave.	Pretreatment staff witnessed Leo's Lawn/Paint cleaning spray gun onto Tieton Dr. Flowed down 18th to Tieton into stormdrain at corner of 17th and Tieton.	Yes, submitted follow-up email to ECY on 6/24/13.	Yes, submitted follow-up email to ECY on 6/24/13.	Clean-up invoice sent.	Yes. City cleaned street.
Healthy Home Carpet Care	4th and Yakima Ave.	Citizen reported Healthy Home Care Carpet discharging carpet cleaning waste to storm drain.	Yes, emailed ECY 7/16/13.	Contacted via phone and email.7/15/13.	NA	Response by Healthy Home Carpet regarding employee training and termination if employee discharges to Stormwater.
Gerardo Hernandez	906 S. 53rd Ave.	Discharged pool water into stormdrain.	Yes, emailed ECY 7/31/13.	7/31/2013	NA	NA
Scott Tweten	918 Rose Place	Pressure washed house paint chips discharged to street.	Yes, emailed 8/13/13.	Verbal notification to clean-up street.	Street cleaned next day.	Yes
Chevron	1001 N. 16th	ERTS 643183. Anonymous complaint. Caller said attendant was sweeping gas spill into stormdrain. Onsite stormdrain, didn't enter MS4.	ERTS 643183. 8/15/13.	NA	NA	No indication that the gasoline went into stormdrain. Attendant said she would add kitty litter to spill.
AzteXTrans	S 3rd Ave/W Walnut	Yak Back Administration ID#2925 Anonymous submitter. - "This truck just list a bunch of sludge under the walnut street overpass. Don't know what it is but looks like poo!"	Yes, 8/27/13.	8/28/2013	NA. PT investigated but didn't find evidence. Rained before PT inspected.	NA
Taco El Grande	corner Fair/Nob Hill	Citizen reported seeing someone dumping a bucket of something red down the storm drain yesterday (8/26/13). PT investigated and determined that the stormdrain was on private property.	Yes, 8/27/13.	NA. On private property.	NA	NA

Yakima School District Bus Barn	1802 W. Perry St.	Ray Latham called regarding a discharge to the MS4 from the Yakima School bus terminal. Smoke testing on 7/31/12 verified a connection to City stormwater system.	ECY contacted the City regarding this matter. Follow-up letter cced to ECY on 6/26/12.	8/2/2012	9/15/12 Action Plan Due Date. 2/1/13 Project Completion Due Date of August 2013.	Yes, project completed 08/2013 and inspected 09/2013.
Tuff Construction	NE MLK /1st	Ray Latham 575-2807 called in a complaint about a man cleaning a paint gun (???) and dumping it down the storm drain in the location of NE MLK & 1 st Ave. PT followed-up and spoke with the contractor (Tuff Construction, Moxee).	ECY contacted the City 9/6/13. Follow-up letter cced to ECY on 9/11/13.	9/11/2013	NA	HA
Mt. View Estates	67th Ave & W. Chestnut	9/6/13 Per report, "The construction people are putting cement waste down the drains. Both sewer drains at the entrance and the one to the west of the development are nearly full to the top."	No. Did not find an issue.	Per PT report "Upon arrival Dan and I did not notice any 'cement waste' at or in any of the drain boxes, just the usual silt run off normally seen around these areas."	NA	NA
Cottonwood Grove	8707 Bristol	8/29/13 Basements were flooding and residents were discharging the ground water to the stormdrain.	Yes, 9/9/13.	Per Collections, it was requested that ground water be discharged to the clean-out to City sewer.	NA	NA, no further issues.
Budget Carpet	802 W Nob Hill Blvd	An anonymous complaint stating that the business "Budget Carpet Center" has been dumping their dirty carpet water in the alley directly behind their business. Stormdrain? Per PT, discharges to wet well, onsite. PT discussed issue with store mngr.	Yes, sent report to Ray Latham (ECY). Discharge to onsite storm drain.	NA	NA	NA
Yakima Farmers Market	alley adjacent to Capital Theater	improper disposal of grease by Yakima Farmer's Market vendors to the City of Yakima (City) Multiple Separate Storm Sewer System (MS4) in the alley adjacent to the Capital Theatre.	Emailed letter to ECY 10/14/13.	10/14/2013	NA	NA
City of Yakima Water Dept.	New McDonalds Yakima/1st Ave	Improper disposal of material to the City MS4 at the new McDonald's construction site at the corner of Yakima and 1 st Avenue. Water Department crew was making a cut in the street and side walk to access a water valve and left the site 'as is'.	Yes, ECY contacted the City 10/7/13.	10/14/2013	NA	Cleaned by City Collection crew.
Gerald Butler	1506 W. Viola Ave.	Engine repair shop spraying down mowers with water and letting it drain into stormwater drain on the street.	ERTS 644603	Verbal notification to clean-up in front of residence.	NA	Informational letters sent to residents in block.
1500 Block of W. Lincoln	1500 Block W. Lincoln	Report of a person draining oil from car and dumping it in alley.	ERTS 644993. Follow-up 11/6/13.	Contacted homeowner who denied draining oil to alley. An information brochure and checklist was sent to residents on both sides of alley.	NA	NA
Yakima Sports Center parking lot	214 E. Yakima Ave.	11/14/13 Report of grease behind Yakima Sports Center (in dumpster area)	Yes. 11/19/13	Contacted Sports Center owner.	Cleaned immediately	Yes
Red Robin parking lot	2706 W Nob Hill Blvd	11/15/13 ABC Fire cleaned Red Robin exhaust hoods and blew the accumulated greases from the roofdown the roof drain to the parking area E. of Red Robin and then flowing to a low spot in front of adjacent businesses.	Yes. 11/19/13	Follow-up letter pending.	Cleaned immediately	Yes
WA State Mental Health Clinic	2nd Avenue/Walnut	Email from Ray Latham...2nd Ave south of Walnut? It looks like a street sweeper left a mud trail from the landscape project on the NE corner and down a block.	ECY contacted the City 11/25/13. Forwarded email to Glenn Denman, Codes Supervisor.	NA	Nathan Thompson, Codes Inspector, discussed issue with superintendent who indicated that the landscapers would clean the area.	I contacted Codes to determine if there was a follow-up inspection.
Reddy Ice	100 Division	Process water (melted ice) and NCCW discharges to unknown location. Dye testing indicated that discharge did not go to sanitary sewer system.	Yes, contacted Ray Latham, ECY. 11/21/13.			

2013 Stormwater Outreach Information

Target Group	Column1	Date
Yakima citizens	Informational brochures provided at City Hall, Public Works, Harmon Center....	2013
Schools	Outreach at local schools	2013
Central WA Fair	Informational brochures, children's coloring projects, cups, bags, etc with Only Rain Down the Drain logo.	September 20-29, 2013
Lawn Service Providers licensed in the City of Yakima (68 letters)	Informational letter and ECY Publication # 12-10-002 Keeping Grass Clippings Out of Our Water.	October 23, 2013
Yakima citizens	Informational checklist titled "Attention: Stormwater Pollution Was Found in Your Area"	Start date October 24, 2013. Distributed as needed.
E3 Science Teachers	Stormwater ed/Outreach discussed & services offered.	October 2013.
Yakima School District "Highly Capable" program	Coordinating stormwater ed/outreach...Storm drain art contests, PSAs to be aired on Ypac.	October 2013.
Yakima citizens	Collaborating with RSPG to do stormdrain art contest with Yakima Arts Commission (Spring '14)	October 2013.
Yakima citizens	Airing stormwater PCAs on YPAC at City Hall and City Website.	2013 and 2014.
1500 Block of Viola Ave.	Informational brochure, and Informational Checklist	October 2013.

STORMWATER MANAGEMENT PROGRAM

FOR

CITY OF YAKIMA



IN COMPLIANCE WITH THE EASTERN WASHINGTON PHASE II
MUNICIPAL STORMWATER PERMIT

WAR04-6013, CITY OF YAKIMA

MARCH 2014



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Abbreviations and Acronyms

AKART – All Known, Available, and Reasonable methods of control and Treatment

BMP – Best Management Practice

Co-permittees – Yakima County, City of Yakima, City of Union Gap, City of Sunnyside

DDD - Dichlorodiphenyldichloroethane

DDE – Dichlorodiphenyldichloroethylene

DDT – Dichlorodiphenyltrichloroethane

Ecology – Washington State Department of Ecology

ESA – Endangered Species Act

GIS - IDDE – Illicit Discharge Detection and Elimination

ILA – Interlocal Agreement or Intergovernmental Local Agreement

LID – Low Impact Development

MEP – Maximum Extent Practicable

MS4 – Municipal Separate Storm Sewer System

NOI – Notice of Intent

NPDES – National Pollutant Discharge Elimination System

O&M – Operation and Maintenance

PAH – Polyaromatic Hydrocarbon

POTW – Publicly Owned Treatment Works

RCW – Revised Code of Washington State

RSL – Regional Stormwater Lead

RSPG – Regional Stormwater Policy Group

RSWG – Regional Stormwater Working Group

RSWMP – Regional Stormwater Management Program

SWPPP – Stormwater Pollution Prevention Plan

TBD – to be determined

TMDL – Total Maximum Daily Load

TSS – Total Suspended Solids

UA – Urbanized Area

UGA – Urban Growth Area

UIC – Underground Injection Control

USEPA – United States Environmental Protection Agency

VE – Value Engineering

WAC – Washington Adminstrative Code

YCHD – Yakima County Health District

1 Introduction

The Eastern Washington Phase II Municipal Stormwater Permit issued by the Washington State Department of Ecology (Ecology) requires written documentation of stormwater management programs developed and implemented by permittees. Four permittees (Yakima County, City of Yakima, City of Union Gap, and City of Sunnyside) discharge stormwater from their Municipal Separate Storm Sewer Systems (MS4s) and obtained permit coverage from Ecology as regional co-permittee partners described by an interlocal governmental agreement (ILA) signed July 5, 2007, amended in 2009. The ILA described specific permit compliance activities that each regional partner will implement.

The geographic area for activities described in this plan is the city limits of Yakima, Washington.

Permittees must develop stormwater management programs that contain minimum performance measures in eight required program elements. Descriptions of the performance measures that the regional co-permittees will perform are the core of this document. For context, the regulatory and physical environment as related to stormwater is provided to support the performance measures. Each performance measure identifies whether it was part of the ILA, contains a goal, describes existing or related activities, presents measurable activities to meet the goal, identifies documentation needed for assessment, and describes responsibilities.

The RSWMP was based on the permit requirements, previous work by consultants and an interlocal governmental agreement between the communities for stormwater permit coverage. It builds on those works by specifying actions, setting measurable activities and identifying how to measure the success of the actions. Eventually, full implementation of the City of Yakima stormwater program will be a long-term, iterative process, thus this document is designed as a living document, easily adapted as performance measures are implemented, evaluated, and revised if needed.

1.1 Regulatory Environment

The Clean Water Act, enacted in 1972, contains the legal requirement for protecting the quality of waters of the nation. The Act authorizes the USEPA Administrator to carry out its requirements. USEPA initially focused water quality improvement efforts on reducing discharges of pollutants from pipes (point sources), primarily wastewater from industrial processes and municipal sewer treatment facilities.

Diffuse sources of pollutants (non-point sources) also contribute to water pollution nationwide. Runoff from stormwater can collect pollutants as it flows across the landscape and discharges to surface and ground water. As a result, USEPA has begun to regulate urban stormwater discharges by requiring municipalities to obtain National Pollutant Discharge Elimination System (NPDES) permits for stormwater.

Phase I of the NPDES Stormwater Program began in 1990. Large and medium size municipalities with populations greater than 100,000 were required to develop and implement stormwater management programs. Phase II of the regulations requires small municipalities (<100,000) and contiguous areas with smaller – but still urban – communities to develop and implement stormwater management programs. In February 2007, the Department of Ecology issued the Eastern Washington Phase II Municipal Stormwater Permit, requiring Yakima County and the Cities of Yakima, Union Gap, and Sunnyside to submit a Notice of Intent (NOI) seeking coverage and to comply with the terms of the permit.

Phase II communities must implement performance measures that reduce pollutants in stormwater to the “maximum extent practicable” (MEP). MEP is the technology-based standard established by Congress in CWA §402(p)(3)(B)(iii). The City of Yakima focuses on performance measures that are technically sound and meet permit requirements.

In 2013, the City of Yakima adopted its first City Strategic Plan. The City priorities include:

- Economic Development
- Public Safety
- Public Trust
- Partnership Development
- Built Environment

Also in 2013, the City completed a draft Stormwater Collection System Master Plan (master plan) that identified and prioritized necessary capital improvements and investments for its MS4. The plan identified \$672 million in needed infrastructure improvements throughout the MS4. The City’s stormwater budget has allocated \$600,000 in capital improvement funds for the FY 2014 fiscal year. This is the first time the City has allocated money for stormwater capital improvements. The priorities identified in the master plan, if implemented, will reduce the risk of localized flooding and will help with compliance of the City’s municipal stormwater permit.

1.2 Transition to City of Yakima Stormwater Program from Regional Stormwater Management Program

Regional stormwater programs began in 1994 when Yakima County and the City of Yakima completed a Yakima Regional Stormwater Management Plan. Several efforts to regionalize stormwater programs were made over the next 10 years, resulting in the Regional Stormwater Policy Group (RSPG) being formed in 2005. The RSPG consisted of elected officials from the City of Yakima, Union Gap, Sunnyside, and Yakima County whose goal was to review overall program costs and explore mechanisms for further cost savings by regional consolidation.

Following Ecology’s issuance of a final Phase II Municipal Stormwater Permit for Eastern Washington in February 2007, the co-permittees signed a three-year ILA for regional permit compliance on July 5, 2007. The original ILA was amended in 2009 for the remaining two permit years. Delay in permit issuance resulted in a subsequent ILA that extends the agreement until the second permit is in effect. In August 2010 the RSPG decided to reduce oversight of the ILA partnership and delegated staff to continue to work cooperatively, bringing permit updates and issues to the respective boards and councils at least once per year to each jurisdiction.

In February of 2014, the Yakima City Council voted to separate from the RSPG and directed City of Yakima staff to implement all requirements of the Eastern Washington Phase II Municipal Stormwater Permit. A letter was sent from the City of Yakima to the Yakima County Board of Commissioners, the City of Sunnyside and the City of Union Gap. The City of Yakima’s 2013 stormwater report is being provided by

This plan is intended to document the work accomplished by the City of Yakima and the RSPG and to provide assurance that the City will continue to implement each required element of the Eastern Washington Phase II Municipal Stormwater Permit (the permit). This version of the document is intended to be adapted and updated so that the Yakima Stormwater Management Program (YSMP) will be prepared to implement the new permit which takes effect in August 2014. City staff will continuously update this document as necessary.

1.3 Physical and Economic Environment

The City of Yakima is located in Yakima County in the central part of Washington, approximately 60 miles southeast of Mount Rainier in the Yakima Valley. The City is approximately 110 miles southeast of Seattle and 171 miles southwest of Spokane, Washington. Interstate 82 runs in a north-south direction along the eastern side of the City. The City limits currently encompass 28 square miles, with an approximate population of 92,000 residents.

The City is topographically bound to the north by the Naches River and Cowiche Creek, the east by the Yakima River, the south by Wide Hollow Creek, and the west by the foothills of the Cascade Mountain Range. The general topography of the City slopes from west to east, with sloping to the Yakima River, which flows from Selah, south through Union Gap. Figure 1 displays the city limits, as well as the Urban Growth Boundary of the City and the locations of adjacent communities.

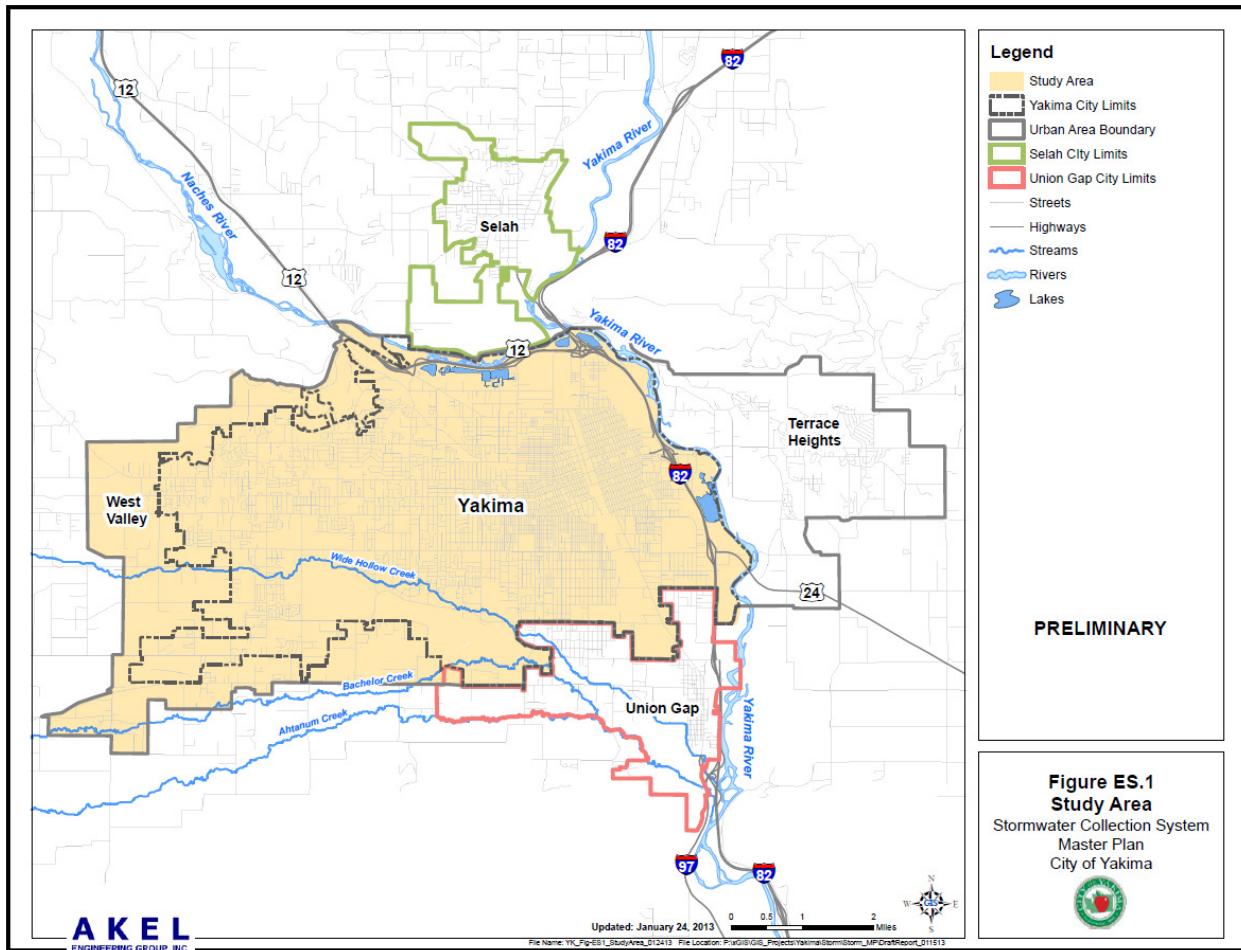


Figure 1: The City of Yakima Stormwater Collection System area (from City of Yakima 2013 Stormwater Collection System Master Plan, Akel Engineering 2013)

Summer weather of the Yakima River basin is hot and dry, typical of a continental climate. Winters are moderately cold and relatively dry due primarily to the maritime influence of the prevailing westerly circulation from the Pacific Ocean and a rain shadow effect by the Cascade Mountains. Approximately 75 percent of the annual precipitation occurs from October through

March. Annual precipitation varies from more than 100 inches in the Cascade Range to less than 10 inches in the lower elevations. Snowfall in excess of 400 inches falls on the higher slopes of the Cascade Range, and the lower valleys receive from 15 to 20 inches. Stormwater runoff typically occurs under rapid warming events that melt accumulated snow or during localized early summer thunderstorms. Winter temperatures normally range from approximately 20°F at night to approximately 30°F during the day. Temperatures of 0°F or below can be expected in January or February. Normal summer temperatures reach 90°F during the day but cool rapidly to near 60°F at night. Temperatures exceeding 100°F are unusual; however, a few readings over 110°F have been recorded.

1.4 Regional Receiving Waters and Water Quality Standards

Stormwater from the City of Yakima MS4 is discharged to the following receiving waters: Naches and Yakima Rivers, Spring, Ahtanum, Bachelor, and Wide Hollow Creeks. Washington Department of Ecology assigns designated uses to these waters that determine water quality standards. Numeric criteria promulgated at Chapter 173-201A WAC protect designated uses. Regional receiving waters have a range of designated uses including salmonid spawning, domestic consumption, primary and secondary contact recreation, and aesthetics.

In addition to water quality standards, municipal stormwater permits must comply with pollutant discharge load allocations established in water quality improvement projects (also known as Total Maximum Daily Loads, or TMDLs) prepared by Ecology when stream segments do not meet water quality standards. Two water quality improvement projects are “under development” for receiving waters listed above:

Yakima River, for Toxics

Mid Yakima River Basin Fecal Coliform Bacteria TMDL

Neither project has been completed and submitted to EPA, so the local permittees have no additional requirements beyond the permit. The City of Yakima and other permittees will continue to participate in technical review discussions with Ecology to ensure that pollutant sources are accurately identified and that additional required stormwater BMPs will be effective in reducing the pollutants of concern.

1.5 Potential Stormwater Pollutants and Impacts on Water Quality

The permit does not focus on specific pollutants. The permit assumes that required activities will reduce stormwater pollution, unless a water quality impairment has been identified by Ecology and a specific pollutant reduction is required under the Total Maximum Daily Load (TMDL) program.

Pollutants typically found in urban runoff include sediments, nutrients, pathogens, oxygen-demanding substances, petroleum hydrocarbons, heavy metals, floatables, polycyclic aromatic hydrocarbons (PAHs), trash, and pesticides and herbicides. To date, no comprehensive analysis of stormwater runoff from the regional MS4 has been conducted to determine relative magnitude of these potential pollutants in regional stormwater; however, specific pollutants have been identified in some regional receiving waters.

The following is a description of typical stormwater pollutants that may occur in the regional stormwater discharge and their impacts.

Sediment is a common component of stormwater and can be a pollutant when it is detrimental to aquatic life (primary producers, benthic invertebrates, and fish). Sediment can interfere with

photosynthesis, respiration, growth, reproduction, and oxygen exchange between aquatic organisms and the surrounding water. In addition, sediment can transport other pollutants that attach to it including nutrients, trace metals, and hydrocarbons. Sediment is the primary component of total suspended solids (TSS), a common water quality analytical parameter. Ecology conducted a total maximum daily load (TMDL) evaluation of the lower Yakima River basin in 1994-1995. Historical and TMDL data indicated significant correlations between TSS and turbidity, and between TSS and total DDT.

Nutrients (typically nitrogen and phosphorous) are the major plant nutrients used for fertilizing and are often found in stormwater. Nutrients can accelerate growth of vegetation, particularly algae, resulting in excessive concentrations that impair use of water in lakes and other sources of water supply. In addition, un-ionized ammonia (one of the nitrogen forms) can be toxic to fish. A study by USGS and the South Yakima Conservation District on nutrient enrichment processes in the lower Yakima River is underway to determine sources of nutrients and economical performance measures in response to violations of dissolved oxygen and pH standards caused by excess nutrient loads.

Pathogens (bacteria and viruses) are common contaminants of stormwater. Sources of these contaminants include animal excrement, sanitary sewer overflow or cross connection, and soil.

Oil and grease includes a wide array of petroleum hydrocarbons, some of which are toxic to aquatic organisms at low concentrations. The main sources of oil and grease are leakage from engines, spills at fueling stations, overfilled tanks, restaurant waste or illegal oil disposal. No TMDL studies for oil and grease are currently underway in the Yakima River basin.

Metals (including lead, zinc, cadmium, copper, chromium and nickel) are commonly found in stormwater. Many of the artificial surfaces of the urban environment (e.g., galvanized metal, paint, automobiles or preserved wood) contain metals, which enter stormwater as the surfaces corrode, flake, dissolve, decay, or leach. Metals are of concern because they are toxic to aquatic organisms, can bio-accumulate (accumulate to toxic levels in aquatic animals such as fish), and have the potential to contaminate drinking water supplies. In 2000 Ecology reported low concentrations of copper, cadmium, mercury, silver, zinc and lead in the Upper Yakima River (Kittitas County).

Organic compounds (including toxic synthetic compounds such as adhesives, cleaners, sealants and solvents) are widely applied and may be improperly stored and disposed. In addition, deliberate dumping of these chemicals into storm drains and inlets causes environmental harm to waterways. No TMDL studies for organic compounds are currently underway in the Yakima River basin.

Pesticides (including herbicides, fungicides, rodenticides and insecticides) have been repeatedly detected in urban stormwater around the country. As use of pesticides has increased, so too have concerns about the potential adverse effects of pesticides on the environment and human health. Accumulation of these compounds in simple aquatic organisms, such as plankton, provides an avenue for bio-magnification through the food web, potentially resulting in elevated levels of toxins in those organisms that feed on them, such as fish and birds. DDT, associated with sediment in irrigation return water to the lower Yakima River basin is currently under a TMDL management plan. Additionally, the Yakima River, Moxee Drain, Wide Hollow and Spring Creeks are under study for DDT, DDD, DDE, chlorpyrifos, dieldrin and endosulfan due to past monitoring that indicated the water bodies don't meet water quality standards for those pollutants. Most of these pollutants are associated with agricultural chemicals that are no longer used and are entering streams through sediments eroding off farmland. In 2009 Ecology reported results for twelve samples collected during six rain storms for runoff in the Cities of Yakima and Union Gap. Stormwater exceeded human health criteria

for DDE and PCBs in almost all samples and for DDT, DDD and dieldrin in almost half the samples. However, due to the low number of samples collected and wide range of concentrations found, conclusions about the absolute levels of legacy pesticides in Yakima and Union Gap stormwater are inappropriate without greatly increasing the number of samples. The presence of legacy pesticides suggests that the agricultural history of the area is having an impact on urban stormwater discharges.

Gross Pollutants (trash, debris, and floatables) are common to urban environments and industrial sites and may create an aesthetic “eye sore” in waterways. Gross pollutants also include plant debris (such as leaves and lawn-clippings from landscape maintenance), animal excrement, street litter, and other organic matter. When these substances decay in streams, lakes, and estuaries dissolved oxygen levels are depressed, sometimes causing fish kills. No TMDL studies for aesthetics are currently underway in the Yakima River basin.

2 PROGRAM ELEMENTS AND PERFORMANCE MEASURES

This section describes the eight program elements contained in the permit:

- 1) Public Outreach and Education
- 2) Public Involvement and Participation
- 3) Illicit Discharge Detection and Elimination
- 4) Construction Stormwater
- 5) Post-Construction Stormwater
- 6) Pollution Prevention and Good Housekeeping
- 7) Monitoring and Program Evaluation
- 8) Reporting and Record Keeping.

The RSWMP addressed the program elements above through the development of performance measures. Each performance measure contains measurable activities that describe specific actions taken to implement the performance measure. The City of Yakima will continue to partner with the RSWMP co-permittees on some outreach activities and on other coordination activities. However, the

The program elements are organized consistent with the permit structure in Sections S5, S7 and S8. Each program element contains an introductory statement that generally discusses permit requirements and identifies other program elements related to the current program element, called supporting program elements. Fact sheets then describe the performance measures within the program element, state goals, identify existing activities, provide measurable activities, and identify assessment documents. The City is developing a table that will track the performance measures relative to each permit element. This will be published later in 2014.

2.1 Public Education and Outreach Program Element

Permit requirements for the permit include targeting three general audiences with multi-media messaging about local waterways, stormwater affects to water quality and actions that can be taken to improve stormwater quality.

The three general audiences are:

General Public

Business

Engineers, construction contractors, developers and, development review staff and land use planners.

General Public:

The City of Yakima partnered with the RSPG on public education and outreach. It is currently developing a public education and outreach plan that will build on the public education and outreach completed in the past. The City has participated in the Central Washington State Fair booth and will continue to do so in partnership with the RSPG in the future.

The City of Yakima posts stormwater education materials in public places for general audiences. This includes distributing videos in the lobby of City Hall and on Y-PAC TV. The City will continue to distribute information in this manner.

The City provides information on the City of Yakima web site. Right now, most of the City web site directs users to other web sites for further information on stormwater. In 2014, the City of Yakima will construct a more user friendly and comprehensive web site that helps users learn basic information about local waterways and stormwater impacts. In addition, the web site will provide resources for the general public to learn about how to reduce stormwater pollution.

The City of Yakima is partnering with Mid Columbia Regional Fisheries Enhancement Program (MCRFEG). The City and MCRFEG is developing a scope of work to provide stormwater education to local school age children. The goal of the program is provide educational opportunities for school aged children, field trips and hands on-experiences that help students connect stormwater improvement and salmon/steelhead recovery.

The City is also proposing to partner with local art groups to sponsor a steelhead art contest. The contest would be promoted as a way to highlight the importance of clean water and steelhead. Steelhead is listed as a threatened species under the endangered species act. The art will be used to promote the importance of clean water, steelhead recovery, and community involvement.

The City of Yakima also direct mails homeowners when a complaint about stormwater is received related to residential activity. If our stormwater crew notices material in the City of Yakima MS4, they notify our pre-treatment program manager. Then, a notice to all homes in the neighborhood is mailed indicating that, for example, grass clippings or motor oil, are not acceptable material to place in the storm drainage system.

Businesses:

The City of Yakima works with businesses on a complaint driven basis and when City staff note illicit discharges to storm systems. If the City receives a complaint or makes an observation about illicit stormwater discharges from one type of business, then the City develops a mailer with stormwater education and pollution prevention material for all of the businesses with similar potential to pollute.

Engineers, construction contractors, developers and, development review staff and land use planners:

The City of Yakima will work with regional partners, the Eastern Washington Stormwater Permit group, and the Department of Ecology to develop educational and outreach material for this group.

The City of Yakima stormwater staff will provide stormwater related training to its planning division, Utilities and Engineering Department, Public Works Department and others in order to educate all City staff that interact with development professionals.

The City will develop a more comprehensive education program for this element as part of its transition to a program independent of the RSPG.

2.2 Public Involvement and Participation Program Element

The Public Involvement and Participation Program Element provides opportunities for the public to become involved in decisions related to reducing pollutants in stormwater. Through participation, the public provides valuable input and assistance in program development and implementation. Increased public involvement and participation result in increased public acceptance and support of the program, and help to ensure a successful and effective program.

2.2.1 Permit Requirements for Public Involvement and Participation

1. Continue to provide ongoing opportunities for the public to participate in SWMP decision-making. Post online annual reports and SWMP Plan for previous calendar year by May 31 of each year.

2.2.2 Supporting Program Elements

The City stormwater website (Public Education and Outreach Program Element) will provide an accessible means of disseminating the SWMP information.

PERFORMANCE MEASURE

GOAL

Promote public participation in the development and review of the City of Yakima Stormwater Management Plan (YSMP). The YSMP document provides the blueprint for compliance with the Permit. Public input will be solicited on this document to ensure all interested parties have a voice in activities that are conducted to comply with the Permit and reduce potential impacts associated with stormwater discharge from the MS4.

EXISTING ACTIVITIES

The City of Yakima complies with existing State and local public notice requirements regarding the adoption of public plans or policies implemented by their respective jurisdictions.

A specific public input opportunity has been conducted by the RSPG in past years to describe the program and solicit input. These annual invitation meetings have been sparsely attended. No change to the program has been implemented as a result. Annual input opportunities as conducted in past years will not be continued.

MEASURABLE ACTIVITIES

1. The City of Yakima will post the YSMP document on the City web page and update at least annually.

ASSESSMENT

1. Receive, address and log comments received at any time of the year regarding the YSWMP.

ACCOMPLISHMENTS

- No program comments were received by the RSPG during the past calendar year.

2.3 Illicit Discharge Detection and Elimination (IDDE) Program Element

Most urban storm drain systems convey flows other than stormwater. These non-stormwater discharges enter the storm drain system from a variety of sources, such as landscape irrigation or car washing, and illicit discharges (sources of pollutants that enter the storm drain system through illicit connections and illegal dumping). Non-stormwater contributions and illicit discharges are potential sources of pollutants discharged from the MS4 that may adversely impact receiving waters. The Eastern Washington Phase II NPDES Stormwater Permit requires the co-permittees to “detect and eliminate” non-stormwater discharges to the storm drain system.

2.3.1 Permit Requirements for Illicit Discharges

The Eastern Washington Phase II NPDES Stormwater Permit requires the City of Yakima to continue implementing the enforceable mechanism to prohibit illicit discharges, compliance strategy, IDDE and municipal staff training, citizen hotline and IDDE response, and maintain map of MS4.

2.3.2 Supporting Program Elements

Many City operations such as hazardous waste pickup activities, MS4 maintenance, street sweeping and roadwork, partially address this program element’s intent. The City of Yakima code makes it illegal to pollute the storm drain system. The Public Education and Outreach Program and Municipal Operations/Good Housekeeping Program elements also inform public employees, businesses, and the public of hazards including human and environmental health risks associated with illegal discharges and improper disposal of waste.

PERFORMANCE MEASURE

GOAL

A map of the MS4 is required to effectively identify extent of the storm drain system, identify where pollutants may enter the system and prevent illicit discharges. Ecology requires permittees to maintain a map of their stormwater system and update the map as changes occur.

EXISTING ACTIVITIES

The MS4 has been mapped in the City of Yakima in accordance with the 2007-2012 permit.

The Construction Activities and Post-Construction Stormwater Management Program Elements both require knowledge of the MS4 location to determine if proposed activity will discharge to the MS4 and is therefore regulated. A general permit requirement is to conduct spot checks of the MS4 following storms with a return frequency greater than the 10 year event. A knowledge of the system location is critical to this task.

The City of Yakima is utilizing GIS based software to inspect and track needs of its MS4. ICOM is an infrastructure program management system that will be used to assign and track work associated with inspections and preventative maintenance of the City's stormwater system. The system is GIS based and will allow the city to increase efficiency in our operations and provide for organized data collection that will provide a more robust reporting system to track costs associated with maintenance and operation of the system. It was specifically designed for collection system operations

MEASURABLE ACTIVITIES

Document changes made to GIS layers that were used to develop the system maps.

ASSESSMENT

1. List of changes made to map layers. GIS metadata is an ideal vehicle to maintain a log or list of changes.

ACCOMPLISHMENTS

- No activities were required during the previous calendar year.

APPROPRIATENESS

This Performance Measure is a permit requirement and is included in the SWMP. Mapping, followed by smoke testing to confirm connections, has resulted in removal of illicit and non-stormwater connections from the MS4. Mapping has also identified areas where outfalls can be eliminated, reducing the impact of flow and pollutants to receiving waters. Improvements to water quality should result from removal of illicit connections.

PERFORMANCE MEASURE

GOAL

Enforce ordinances to prohibit illicit discharges to the storm drain system.

EXISTING ACTIVITIES

Yakima County Health District (YCHD) enforces County ordinances for solid waste disposal, sewage disposal and does outreach, inspections, and enforcement particularly as relates to septic tanks and septic tank pumps. YCHD investigates improper sewage disposal practices as reported by the public. These activities reduce the likelihood of stormwater contamination from improperly maintained or sited septic systems.

Garbage service is required in the City of Yakima. The City of Yakima All has and enforces ordinances prohibiting illicit connections and discharge to their MS4.

MEASURABLE ACTIVITIES

1. Each jurisdiction will maintain a log of illicit discharge and connection calls, observations and complaints; maintain a record of their notification and follow-up to resolve the discharge or connection.

ASSESSMENT

2. Number and types of cases will be reviewed and used for input into the Public Outreach program as appropriate.

APPROPRIATENESS

This Performance Measure is a permit requirement and is included in the SWMP. Water quality should improve over time as code enforcement personnel contact potential violators, public education messages highlight the new requirement and illicit connections are removed as a result of the ordinance.

PERFORMANCE MEASURE

GOAL

Continue procedures for consistent regional investigations to detect and address non-stormwater discharges to the regulated MS4, including spills, illicit connections, and illegal dumping.

EXISTING ACTIVITIES

The City of Yakima runs a program to address spills and illegal dumping of hazardous materials, including those that may reach the MS4. In the event of a spill, local emergency response agencies within the County are supplemented by a Regional Response Team and Ecology. Illegal dumping of hazardous materials is regulated by State Dangerous Waste requirements (WAC 173-303-145) and the Uniform Fire Code.

The City of Yakima is utilizing ICOM asset management software to evaluate and track necessary repairs or other concerns (such as illicit discharges) in its MS4. ICOM is an infrastructure program management system that will be used to assign and track work associated with inspections and preventative maintenance of the City's stormwater system. The system is GIS based and will allow the city to increase efficiency in our operations and provide for organized data collection that will provide a more robust reporting system to track costs associated with maintenance and operation of the system. It was specifically designed for collection system operations

MEASURABLE ACTIVITIES

1. The City of Yakima will continue to implement procedures for the following activities required by the permit:
 - Locating priority areas;
 - Dry weather field assessments of outfalls or facilities serving priority areas;
 - Characterizing discharges found by or reported to the Permittees;
 - Tracing the source of illicit discharges;
 - Ending the discharge.

The collection of procedures and their implementation shall constitute the illicit discharge detection and elimination "program" required by §S5.3.c of the permit.

2. The RSL will report all co-permittee illicit discharge activity in the annual reports.

ASSESSMENT

1. Document activities identified in existing written procedures to identify and eliminate non-stormwater discharges.
2. Record citizen complaints and responses regarding illicit discharges to the storm drain system.
3. Record illicit discharges identified, investigated, including date and location of incident, type and quantity of material dumped or discharged, and municipal response.

4. Document enforcement actions taken to eliminate illicit discharges.

ACCOMPLISHMENTS

- No incidents were logged in the RSPG Regional IDDE database. The County, City of Sunnyside and City of Union Gap reported zero incidents, and 27 incidents were reported by the City of Yakima in the past.

APPROPRIATENESS

Identification and removal of illicit discharges and connections will improve water quality discharged from the regional MS4s to area water bodies.

PERFORMANCE MEASURE

GOAL

Develop a City of Yakima IDDE Hotline and advertise the hotline number.

EXISTING ACTIVITIES

Related activities include those systems in place to take emergency calls related to hazardous materials or illegal dumping.

MEASURABLE ACTIVITIES

1. The City of Yakima will use a call log database to track illicit discharge reports and follow-up actions.

ASSESSMENT

1. Maintain a list of calls received and follow-up actions taken.

PERFORMANCE MEASURE

GOAL

Train staff that 1) receive calls about illicit discharges, 2) may encounter illicit discharges in the course of their work, and 3) will investigate illicit discharges. Training will be tailored to each group of employees and focus on specific procedures developed under other Performance Measures in this Program Element.

EXISTING ACTIVITIES

Most employee groups already conduct some form of regular training on procedures, safety, or trade specific practices. Illicit discharge training will be coordinated with existing training to minimize interruption of staff duties.

MEASURABLE ACTIVITIES

1. The City of Yakima will train employees annually.
2. The City will identify appropriate personnel and provide opportunities for staff to be trained.

ASSESSMENT

1. Document training events. Include number of employees, class rosters, locations.
2. Maintain training presentations for each group of employees.

APPROPRIATENESS

It is anticipated that as employee awareness goes up, the number of reported discharges to the MS4 will also increase, and the number of municipal spills will go down.

Construction Activities Program Element

Stormwater draining from construction sites can be a significant source of sediment and attached pollutants. Failure to implement adequate erosion and sediment performance measures can result in higher contributions of sediment to waters than previously contributed from undisturbed land. Excessive sediment loading can result in impacts to water quality. In addition, erosion and sediment transport are vehicles for other pollutants associated with construction activities (such as solvents, petroleum products, trash, pesticides, fertilizers, concrete and paint). Track-out from construction sites continues to be a common source of illicit discharge complaints.

2.3.3 Permit Requirements for Construction Activities

The Eastern Washington Phase II NPDES Stormwater Permit requires the regional municipalities to continue implementing and enforcing program to reduce pollutants from construction activities, including ordinance, providing information to construction operators on training; site plan review and permitting, inspections, and training.

2.3.4 Supporting Program Elements

Local citizens will be more aware of the importance of protecting stormwater quality through public outreach activities. The public participation and IDDE program elements provide mechanisms for the public to notify co-permittee inspectors of potential water quality issues.

PERFORMANCE MEASURE

GOAL

Enforce an ordinance to require implementation and maintenance of BMPs for erosion and sediment controls at defined construction sites.

EXISTING ACTIVITIES

Construction Stormwater Permits are required by State regulation for construction sites impacting one acre or more.

Ordinances were adopted in February 2010 as follows:

<u>Jurisdiction</u>	<u>Date Adopted</u>	<u>Ordinance/Resolution Number</u>
Yakima County	February 16, 2010	1-2010
City of Yakima	February 16, 2010	2010-08
City of Sunnyside	February 8, 2010	2010-3
City of Union Gap	February 8, 2010	2660

MEASURABLE ACTIVITIES

1. The City of Yakima will enforce its own ordinance.

ASSESSMENT

1. The number of ordinance enforcement actions will be reported in the annual report.

APPROPRIATENESS

This Performance Measure is a permit requirement and is included in the SWMP. Water quality should improve over time as code enforcement personnel contact potential violators, public education messages highlight the new requirement and illicit discharges are removed as a result of the ordinance.

Performance Measure

GOAL

Implement procedures for review and approval of stormwater best management practices used during construction activities.

EXISTING ACTIVITIES

Construction and development projects are currently required to obtain coverage under the Ecology General Permit for Construction Sites, using BMPs and standards found in the *Stormwater Management Manual for Eastern Washington*.

MEASURABLE ACTIVITIES

1. The City of Yakima will review construction project plans that require erosion and sediment control BMPs identified in the ordinance adopted in §S5.B.4.a of the permit.

ASSESSMENT

1. Record the number of erosion and sediment control plans received, reviewed, and approved/disapproved by staff.

APPROPRIATENESS

This Performance Measure is a permit requirement and is included in the SWMP. The procedure and training should help reviewers assure projects are compliant with the ordinance and minimize construction stormwater runoff and improving water quality.

Performance Measure

GOAL

Inspect construction sites to ensure that BMPs are installed and functioning correctly to prevent discharge to the MS4.

EXISTING ACTIVITIES

The City of Yakima executes construction inspection programs that ensure building code compliance. Inspectors visit each site during active phases of construction to record the activities conducted at the site and to ensure construction is being completed according to plans.

Public complaints for construction activities are routed to local building departments; some stormwater construction complaints are routed to stormwater staff. The City requires applicants to obtain an Ecology Construction Stormwater Permit when projects will meet certain thresholds. Erosion and sediment control permit issues with these permits are referred to the Washington Department of Ecology. Construction sites, regardless of size or Ecology permit status, must retain construction sediment on site in all jurisdictions under the illicit discharge ordinances.

MEASURABLE ACTIVITIES

1. The City of Yakima will keep records of inspections and enforcement actions by staff.
2. The City of Yakima will provide training to construction site inspection staff including:
 - Erosion and sediment controls and other stormwater quality control requirements for construction activities.
 - Procedures for enforcing code compliance, such as issuance of citations or notices of noncompliance.
 - Jurisdictions may opt to send staff to CESCL training and have staff maintain their certification.

ASSESSMENT

1. Document training events. Include number of employees, class rosters, locations.
2. Record the number of inspections and enforcement actions performed by staff.

APPROPRIATENESS

This Performance Measure is a permit requirement and is included in the SWMP. The procedure and training should help inspectors assure projects are compliant with the ordinance during inspections. The inspections should help resolve any deficiencies in BMP selection or installation this minimizing construction stormwater runoff and improving water quality.

PERFORMANCE MEASURE

GOAL

Gather and provide information on training opportunities in the Pacific Northwest and nationally that are applicable to the proper selection, installation, and maintenance of construction site sediment control BMPs.

EXISTING ACTIVITIES

The RSL provides periodic training opportunity information to the RSPG members and public on the Regional Stormwater Management website. The City of Yakima will build on this and continue to also provide this information on its web site.

MEASURABLE ACTIVITIES

1. The City of Yakima will provide a list of erosion and sediment control BMP training opportunities on the City stormwater website. Sources will include the world wide web (internet), trade magazines, and product mailings.
2. The City of Yakima will provide information they receive on training opportunities through professional contacts or other sources.

ASSESSMENT

1. Maintain a record of training opportunities identified and made available.

ACCOMPLISHMENTS

- A current list of training opportunities is provided on the regional stormwater web site ([link](#)).

APPROPRIATENESS

This Performance Measure is a permit requirement and is included in the SWMP. Training opportunities were regularly visited pages on the Regional Stormwater web site.

2.4 Post-Construction Stormwater Management Program Element

Impacts to water quality caused by development can be minimized through implementing post-construction stormwater quality performance measures. The performance measures and tasks outlined in this section require new development and major redevelopment projects to incorporate post construction stormwater BMPs and to ensure that the measures are operated and maintained once construction is complete.

2.4.1 Permit Requirements for Post-Construction Stormwater Management

The Eastern Washington Phase II NPDES Stormwater Permit requires the permittees to address post-construction stormwater runoff to the MS4 from new development and redevelopment projects within the permit area. Continue to implement ordinance addressing post-construction runoff controls; site plan review and permitting, requiring long-term maintenance; inspections; staff training; and enforcement.

2.4.2 Supporting Program Elements

Public education and outreach programs promote awareness of the importance of stormwater quality controls. Public participation in the development and implementation of the RSWMP will be critical to the plan's success. The Construction Program works in parallel with this program element as sites are inspected during construction and post-construction.

2.4.3 Performance Measures

PERFORMANCE MEASURE

GOAL

Enforce ordinances to require post-construction stormwater runoff controls for discharges to the MS4 from new development or re-development projects discharging to public MS4s.

EXISTING ACTIVITIES

Regional municipalities require new developments to retain stormwater on site, up to a 10- or 25-year design storm, using methods found in the Yakima Regional Stormwater Manual. The City of Yakima requires all off street parking drainage to be disposed of on site (Yakima Municipal Code 15.06.110).

Ordinances were adopted in February 2010 as follows:

<u>Jurisdiction</u>	<u>Date Adopted</u>	<u>Ordinance/Resolution Number</u>
City of Yakima	February 16, 2010	2010-08

MEASURABLE ACTIVITIES

1. The City of Yakima will review construction project plans that require post-construction stormwater BMPs identified in the ordinance adopted in §S5.B.5.a of the permit.
2. The City of Yakima will conduct annual training sessions for post-construction plan review staff as needed, depending on staff turnover.

ASSESSMENT

1. Record the number of post-construction stormwater control plans received, reviewed and approved/disapproved by staff.
2. Document training events. Include number of employees, class rosters, locations.

APPROPRIATENESS

This Performance Measure is a permit requirement and is included in the SWMP. Water quality should improve over time as code enforcement personnel contact potential violators, public education messages highlight the new requirement and that proper BMP facilities are selected and designed correctly as a result of the ordinance.

Performance Measure

GOAL

Inspect sites discharging to the MS4 to ensure appropriate post-construction BMPs are installed and functioning correctly.

EXISTING ACTIVITIES

The City of Yakima has established construction inspection programs. Inspectors visit each construction site during active phases of public improvements and private development to record the activities conducted at the site and to ensure construction is completed according to approved plans. No similar program exists for follow-up once construction is completed.

Public complaints for flooding and water quality are routed to the City of Yakima wastewater department. Response generally consists of a site visit to view the problem and check for physical obstruction, blockage or source control needs to resolve the complaint.

MEASURABLE ACTIVITIES

1. The City of Yakima will inspect post-construction BMP sites that discharge to the MS4 to ensure that BMPs are installed in accordance with approved designs.
2. The City of Yakima will inspect newly constructed and existing BMPs that discharge to the MS4 to ensure they are performing as designed.
3. The City of Yakima will provide training to post-construction site inspectors including BMP types and functions.

ASSESSMENT

1. Record the number of post-construction stormwater control site inspections performed by staff.

APPROPRIATENESS

This Performance Measure is a permit requirement and is included in the SWMP. The procedure and training should help inspectors assure projects are compliant with the ordinance during inspections. The inspections should help resolve any deficiencies in BMP installation improving water quality by providing for adequate treatment and flow control.

PERFORMANCE MEASURE

GOAL

Gather and provide information on training opportunities in the Pacific Northwest and nationally applicable to the proper selection, installation, and maintenance of post-construction stormwater control BMPs.

EXISTING ACTIVITIES

The RSL provides periodic reports containing training opportunities to the RSPG members. Training information is available on the Regional Stormwater Management website. The City will continue to make information available.

MEASURABLE ACTIVITIES

1. The City of Yakima will provide a quarterly list of post-construction BMP training opportunities on the RSMP website. Sources will include the world wide web (internet), trade magazines, and product mailings.
2. The City of Yakima will provide information they receive on training opportunities through professional contacts or other sources.

ASSESSMENT

1. Maintain a record of training opportunities identified and made available.

APPROPRIATENESS

This Performance Measure is a permit requirement and is included in the SWMP. Training opportunities were regularly visited pages on the Regional Stormwater web site.

2.5 Pollution Prevention & Good Housekeeping for Municipal Operations Program Element

Stormwater discharges from municipal operations conducted by public agencies with permitted MS4's are regulated under the Eastern Washington Phase II NPDES Stormwater Permit.

2.5.1 Permit Requirements for Pollution Prevention and Good Housekeeping

Regulated communities must continue implementation of MS4 O&M plan; inspect stormwater treatment and flow control facilities every two years; conduct spot checks after storm events; conduct O&M and SWPPP requirements for municipal lands and facilities; and train staff.

2.5.2 Supporting Program Elements

Additional performance measures that partially address this program element include detecting and eliminating illicit discharges to the storm drain systems described above in Section [2.3](#).

Some key municipal facilities are already required to develop SWPPP plans for compliance with the Washington Department of Ecology Industrial Stormwater General Permit.

2.5.3 Performance Measures

PERFORMANCE MEASURE

GOAL

Perform activities identified in existing Operation and Maintenance Plans (O&M Plans) for designated co-permittee facilities.

EXISTING ACTIVITIES

The City of Yakima operates several properties to facilitate their operations: The City of Yakima operates a golf course, airport and cemetery as well as several parks. Many of these facilities are hazardous waste generators and must already have pollution prevention plans to comply with Ecology hazardous waste regulations. Stormwater Pollution Prevention Plans (SWPPP) are required for many of these same sites under the Ecology Industrial Stormwater Permit.

MEASURABLE ACTIVITIES

1. The City of Yakima will perform activities identified in O&M plans for municipal facilities.

ASSESSMENT

1. Record O&M Plan implementation and monitoring of activities or operations that potentially impact stormwater quality.

ACCOMPLISHMENTS

- O&M plans were followed in accordance with O&M manuals developed for regional municipal facilities.

APPROPRIATENESS

This Performance Measure is a permit requirement and is included in the SWMP. It is anticipated that implementation of the practices identified in the O&M plans will improve water quality discharged from the MS4.

PERFORMANCE MEASURE

GOAL

Conduct infrastructure spot checks following storm runoff events following larger storms that may damage the MS4.

EXISTING ACTIVITIES

The City of Yakima has ongoing responses to major runoff and flood events. The Yakima County Flood Control Zone District has a flood response plan. A GIS data layer of runoff has been developed, based on precipitation and impervious surface. City of Yakima stormwater and collection system crews inspect the City MS4 and respond to complaints during and after large storm events.

MEASURABLE ACTIVITIES

1. The City of Yakima will identify >10 year event conditions.
2. The City of Yakima will spot check the MS4 following events meeting the >10 year event.
3. The City of Yakima will repair perform needed repair or maintenance as soon as practicable pursuant to the findings of a regular inspection or spot check.
4. The City of Yakima will and compile it for the annual permit report.

ASSESSMENT

1. Retain inspection forms.
2. Report results of inspections and repairs made following >10 year events or regular inspections

Appropriateness

This Performance Measure is a permit requirement and is included in the SWMP. Spot inspections are an effective method to assess any damage to stormwater flow control and treatment facilities after large storm events (10 year 24 hour recurrence interval).

PERFORMANCE MEASURE

GOAL

Increase regional municipal employee awareness of stormwater pollutants and BMPs for reducing pollutants from municipal operations. Educate employees in facilities with stormwater O&M plans about plan components and requirements.

EXISTING ACTIVITIES

Training is required by the permit for staff in the illicit discharge and detection program at Section 2.3. Co-permittees have departments that currently train staff on a variety of topics including hazardous materials and safety, which overlaps with pollution prevention and stormwater. Spill prevention plans are already required for hazardous material storage and handling.

MEASURABLE ACTIVITIES

1. The City of Yakima will identify groups of employees and departments that require training.
2. The City of Yakima will develop and provide training programs for groups of employees identified above.

ASSESSMENT

1. List regional municipal staff groups identified to receive training.
2. Keep a record of training events provided and the training materials presented. Record the date, location and employees in attendance.

APPROPRIATENESS

This Performance Measure is a permit requirement and is included in the SWMP. It is anticipated that as employees learn about and implement stormwater O&M plans, better BMP maintenance and practices will result in improved water quality discharged from the MS4.

2.6 Monitoring and Program Evaluation Element

The Eastern Washington Phase II Municipal Stormwater Permit contains sampling and program evaluation requirements.

2.6.1 Permit Requirements for Monitoring and Program Evaluation

Ecology does not require permittees to collect water samples during the term of the current permit unless they are characterizing an illicit discharge or complying with a TMDL. Annual reports must include a description of any sampling conducted. The annual report must also include an assessment of the appropriateness of each component of the SWMP and, if changes are anticipated, why those changes are being implemented. Municipalities must prepare for sampling in the next permit cycle by developing a monitoring plan that identifies two monitoring questions, identifies three outfalls, and identifies at least two BMPs for effectiveness monitoring.

Performance Measure

GOAL

Increase permittee participation in the TMDL process to reduce stormwater contribution of pollutants in a specific reach of water potentially impacted by MS4 discharges.

EXISTING ACTIVITIES

No TMDLs have been established in the permit area to date that impact co-permittee MS4s. The co-permittees participate in TMDLs under development as members of technical advisory groups, including the Yakima Area Creeks projects.

MEASURABLE ACTIVITIES

1. The City of Yakima will identify TMDL projects that may involve their MS4 discharges.
2. The City of Yakima will participate as Technical Advisory Group members during the TMDL process.

ASSESSMENT

1. List of TMDL projects in proximity to City MS4 boundaries.
2. Maintain a record of TAG attendance.

ACCOMPLISHMENTS

- No activities were required during the previous calendar year.
- Status of TMDLs potentially affecting RSPG partners, as of March 19, 2013 on Ecology's [web site](#).

Waterbody	Pollutant(s)	Status
Yakima Area Urban Creeks	Fecal coliform, Temperature	Under Development
Yakima River	Toxics	Under Development

APPROPRIATENESS

This Performance Measure is a permit requirement and is included in the SWMP. It has not been fully implemented, therefore appropriateness cannot be evaluated.

PERFORMANCE MEASURE

GOAL

Collect and report water samples in response to illicit discharge investigations and TMDL requirements.

EXISTING ACTIVITIES

MEASURABLE ACTIVITIES

1. The City of Yakima will sample in accordance with the illicit discharge investigation procedure (TBD).
2. The City will document sampling activity annually if needed.

ASSESSMENT

1. Report sampling information in the annual report.

APPROPRIATENESS

This Performance Measure is a permit requirement and is included in the SWMP. It has not been fully implemented, therefore appropriateness cannot be evaluated.

PERFORMANCE MEASURE

GOAL

Assess the appropriateness of performance measures for each program element.

EXISTING ACTIVITIES

None to date.

MEASURABLE ACTIVITIES

1. The City of Yakima will perform assessments of the six stormwater program element performance measures identified by permit sections S5.B.1 through S5.B.6.
2. The City of Yakima will provide information and feedback on the appropriateness of each performance measure.
3. The City of Yakima will report the assessments in each annual report.

ASSESSMENT

1. Document the assessment process.
2. Retain annual reports.

APPROPRIATENESS

This Performance Measure is a permit requirement and is included in the SWMP.

PERFORMANCE MEASURE

GOAL

Prepare to participate in the implementation of a future comprehensive long-term monitoring program described in the permit.

EXISTING ACTIVITIES

The City of Yakima will collaborate with other Eastern Washington (EWA) Phase II permittees to review effectiveness study ideas, define sub-regions/groups and potential partnerships, compile list of 12-15 study ideas for EWA and identify lead entity for each.

MEASURABLE ACTIVITIES

1. EWA permittees will collaborate to submit a ranked list of 12 to 15 study ideas for EWA, and for each idea a summary of data collection needed, lead entity, and participating permittees.

ASSESSMENT

1. Activities are required by June 30, 2016.

ACCOMPLISHMENTS

- No activities were required during the previous calendar year.

APPROPRIATENESS

This Performance Measure is a permit requirement and is included in the SWMP. Development of monitoring studies is generally considered good practice to direct future monitoring efforts to ensure monitoring is effective and cost effective.

GLOSSARY

Best Management Practices (BMPs) – Best management practices are the schedules of activities, prohibitions of practices, maintenance procedures, and structural and/or managerial practices approved by Ecology that, when used singly or in combination, prevent or reduce the release of pollutants and other adverse impacts to receiving waters.

Maximum Extent Practicable (MEP) – MEP refers to paragraph 402(p)(3)(B)(iii) of the Federal Clean Water Act, which reads as follows: Permits for discharges from municipal storm sewers shall require controls to reduce the discharge of pollutants to the maximum extent practicable, including management practices, control techniques, and system, design, and engineering methods, and other such provisions as the Administrator or the State determines appropriate for the control of such pollutants.

Measurable Goal – Definable tasks or accomplishments that are associated with a performance measure.

Municipal Separate Storm Sewer System (MS4) – A conveyance, or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains): (i) owned or operated by a state, city, town, borough, county, parish, district, association, or other public body (created by or pursuant to State Law) having jurisdiction over disposal of wastes, stormwater, or other wastes, including special districts under State Law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under section 208 of the CWA that discharges to waters of the United States; (ii) designed or used for collecting or conveying stormwater; (iii) which is not a combined sewer; and (iv) which is not part of a Publicly Owned Treatment Works (POTW) as defined at 40 CFR 122.2.

National Pollutant Discharge Elimination System (NPDES) - The national program for issuing, modifying, revoking, and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 402, 318, and 405 of the Federal Clean Water Act, for the discharge of pollutants to surface waters of the state from point sources. These permits are referred to as NPDES permits and, in Washington State, are administered by the Washington State Department of Ecology.

New Development – Land disturbing activities, including Class IV general forest practices that are conversions from timber land to other uses; structural development, including construction or installation of a building or other structure; creation of impervious surfaces; and subdivision, short subdivision and binding site plans, as defined and applied in Chapter 58.17 RCW. Projects meeting the definition of redevelopment shall not be considered new development.

Outfall – Means point source as defined by 40 CFR 122.2 at the point where a municipal separate storm sewer discharges to waters of the State and does not include open conveyances connecting two municipal separate storm sewers, or pipes, tunnels, or other conveyances which connect segments of the same stream or other waters of the State and are used to convey waters of the State.

Performance Measure – An activity performed to implement one of the eight permit program elements.

Point Source – Any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system, vessel or other

floating craft from which pollutants are or may be discharged. This term does not include return flows from irrigated agriculture or agricultural runoff.

Program Element – One of the eight program components included in Sections S5.B.1 through S5.B.6, S7, and S8 of the Eastern Washington Phase II Municipal Stormwater Permit.

Redevelopment - The replacement or improvement of impervious surfaces on a developed site.

Return Frequency or Recurrence Interval - A statistical term for the average expected time interval between events (e.g., flows, floods, droughts, or rainfall) that equal or exceed given conditions. Recurrence interval can be converted to probability by dividing the return frequency into one year. For example, a 100-year event has a one percent chance of occurring in any given year ($1/100 = 0.01$); a 5-year event has a 20 percent chance ($1/5 = 0.20$) of occurring in any given year.

Runoff - Water that travels across the land surface, or laterally through the ground near the land surface, and discharges to water bodies either directly or through a collection and conveyance system. Runoff includes stormwater and water from other sources (e.g. snowmelt) that travels across the land surface.

Stormwater Pollution Prevention Plan (SWPPP) – A documented plan to implement measures to identify, prevent, and control the contamination of point source discharges of stormwater.

Waters of the State – Those waters as defined as waters of the United States in 40 CFR 122.2 within the geographic boundaries of Washington State and waters of the state as defined in Chapter 90.48 RCW which includes: lakes, rivers, ponds, streams, inland waters, underground waters, salt waters and all other surface waters and water courses within the jurisdiction of the State of Washington.

I. Permittee Information	
Permittee Name City of Sunnyside	Permittee Coverage Number WAR04-6009
Contact Name Shane Fisher	Phone Number 509-837-5206
Mailing Address 818 E. Edison Ave.	
City Sunnyside	State WA Zip + 4 98944-2206
Email Address sfisher@ci.sunnyside.wa.us	

II. Regulated Small MS4 Location		
Jurisdiction City of Sunnyside	Entity Type: <i>Put an X in the box that applies</i>	
	<input type="checkbox"/> County	<input checked="" type="checkbox"/> City/Town
Major Receiving Water(s) Sulphur Creek Wasteway	Other	

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. <i>Attach a copy of your agreement with the other entity to provide additional detail (unless previously submitted).</i>	
Name of Entity: Yakima County	Permit Obligation(s): Per attached ILA

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 <u>Shane Lint</u>	Title <u>PN Superintendent</u>	Date <u>3/28/14</u>
Name _____	Title _____	Date _____
Name _____	Title _____	Date _____
Name _____	Title _____	Date _____
Name _____	Title _____	Date _____

VI. Status Report Covering Calendar Year 2013

Jurisdiction: City of Sunnyside

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	Document attached	RSWMP7.pdf
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.	n/a	No annexations finalized in 2013	
3 Tracked or estimated the cost of development and implementation of the SWMP. (S5.A.4.a.ii)	Y		
4 Implemented a public education and outreach strategy designed to reach all of the identified target audiences. (S5.B.1.b)	Y		
4a Attached a description of the number and type of public education and involvement activities (S5.B.1.b)	Y		Summary of 2013 Public Outreach Activities.pdf
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	http://www.co.yakima.wa.us/stormwater/documents/RSWMP6.pdf	
6 Completed the map of your MS4. (<i>Required no later than February 15, 2012, S5.B.3.a</i>)	Y		
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)	n/a	No new changes to system affecting map	
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	Ongoing	
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	Sulfur Creek Wasteway	
8a Attached a summary of outfalls and illicit discharges discovered, and actions taken to eliminate the illicit discharges. (S5.B.3.c.ii)	n/a	No outfalls/discharges found or reported.	
9a Publicized a hotline or other local telephone number for public reporting of illicit discharges, including spills. (S5.B.3.d.ii)	Y		
9b Attached summary of hotline reports received and follow-up actions taken during the reporting period (S5.B.3.d.ii)	n/a	No hotline reports received during the reporting period.	
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	Ongoing, Public Works staff trained on December 31.	

Question	Y/N/ NA	Comments (50 word limit)	Name of Attachment & Page Number, if applicable
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	Ongoing	
12 Implemented procedures for the IDDE program. (S5.B.3.e)	Y	Ongoing	
12a Attached summary of numbers and types of illicit discharges identified; inspections made; and any feedback received from public education efforts. (S5.B.3.e)	n/a	No information received	
13 Implemented procedures for construction site plan review. (S5.B.4.b)	n/a	No projects discharging to public MS4 during report period.	
14 Reviewed <i>Stormwater Site Plans</i> including construction SWPPPs for new development and redevelopment projects.	n/a	No projects discharging to public MS4 during report period.	
14a Number of site plans reviewed during the reporting period:	Y	4	
14b Number of SWPPPs reviewed during the reporting period:	0	No qualifying projects discharging to public MS4 during report period.	
14c Number of site plans approved during the reporting period:	Y	4	
15 Implemented procedures for site inspection and enforcement of construction stormwater pollution control measures. (S5.B.4.c)	Y		
16 Provided adequate training for all staff involved in permitting, plan review, field inspection and enforcement for construction site runoff control. (S5.B.4.b.i and S5.B.4.c.ii)	Y		
17 Inspected construction-phase stormwater controls at new development and redevelopment projects. (S5.B.4.c.iii)	n/a	No qualifying construction projects during report period	
17a Number of sites inspected during the reporting period:	n/a	0	
18 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)	Y		
19 Implemented procedures for post-construction site plan review. (S5.B.5.b)	Y		
20 Implemented procedures for post-construction site inspection and enforcement of post-construction stormwater control measures. (S5.B.5.c)	Y		
21 Inspected post-construction stormwater controls, including structural BMPs, at new development and redevelopment projects. (S5.B.5.c)	Y		
21a Number of sites inspected during the reporting period:	Y	4	
22b Number of structural BMPs inspected at new development and redevelopment sites during the reporting period:	Y	19	

Question		Y/N/ NA	Comments (50 word limit)	Name of Attachment & Page Number, if applicable
23	Inspected structural BMPs at least once during installation. (S5.B.5.c.ii)	Y	19	
23a	Number of structural BMPs inspected during installation during the reporting period:	Y	19	
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	Ongoing	
26	Inspected 20% of stormwater treatment and flow control facilities owned or operated by the Permittee. (S5.B.6.a.i)	Y	All sites inspected during maintenance.	
26a	Number of known facilities:	117		
26b	Number of facilities inspected during the reporting period:	117		
27	Have NPDES permit coverage for stormwater discharges for all applicable construction projects and industrial facilities. (S5.B.6.a.i)	Y	No municipal projects met threshold for obtaining permits	
28	Conducted spot checks of stormwater facilities after major storms. (S5.B.6.a.ii)	Y	Rain event on September 5, 2013.	
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	Ongoing, Public Works staff trained on December 31.	
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)	n/a	No failure to comply	
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)	n/a	No discharges occurred	
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)	n/a	No discharges occurred	
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)]	n/a	No discharges occurred	

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	Implementation of the outreach program has improved messaging. Target audience feedback is indicating that messages are being received.
2. Are the BMPs selected and implemented for Public Involvement appropriate to minimize pollutants in the MS4 to the MEP?	Y	Public attendance and input continues to be infrequent, consistent with other jurisdictions nationwide. The redesigned website will feature a prominent feedback form to encourage participation.
3. Are the BMPs selected and implemented for Illicit Discharge Detection and Elimination appropriate to minimize pollutants in the MS4 to the MEP?	Y	Improvements in water quality should result from removal of illicit discharges and connections during mapping and smoke testing has identified illicit connections to be removed, responding to hotline call reports, increased investigation efficiency from the developed procedures manual, and staff training.
4. Are the BMPs selected and implemented for Construction Stormwater Pollution Prevention appropriate to minimize pollutants in the MS4 to the MEP?	Y	Education and enforcement actions related to the ordinance have helped keep sediment and other pollutants out of the MS4. Training opportunities on the regional website provide contractors and others a listing of available stormwater related courses and conferences held by other entities. This is an inexpensive method for distributing this information and this webpage has been visited regularly.
5. Are the BMPs selected and implemented for Post-Construction Runoff Management appropriate to minimize pollutants in the MS4 to the MEP?	Y	Education and enforcement actions related to the ordinance have helped keep sediment and other pollutants out of the MS4. Training opportunities on the regional website provide contractors and others a listing of available stormwater related courses and conferences held by other entities. This is an inexpensive method for distributing this information and this webpage has been visited regularly.
6. Are the BMPs selected and implemented for Good Housekeeping for Municipal Operations appropriate to minimize pollutants in the MS4 to the MEP?	Y	Good housekeeping BMPs are appropriate. Staff have been complying with O&M practices.

REMINDER: Answer each question Y/N/NA and provide necessary background information in the *Comments* field. Proceed to the next tab.

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	Justification for Change
1	Public Input meeting	Solicit constructive feedback to the stormwater program	Feature prominent feedback form on the website (under IDDE BMPs)	Solicit constructive feedback to the stormwater program	No feedback obtained from public input meetings
2					
3					
4					
5					
6					
7					

REMINDER: Provide necessary background information. This is the final tab of the Annual Report worksheet. Please review the entire worksheet for completeness and accuracy and save this document. Email this Annual Report file PLUS any identified attachments to: **PH2_EAnnRpt@ecy.wa.gov** no later than March 31, 2014. Mail two hard copies of the entire package to the address listed on the Certification tab.

I. Permittee Information	
Permittee Name City of Union Gap	Permittee Coverage Number #WAR04-6010
Contact Name Dennis Henne	Phone Number 509.248.0432
Mailing Address 102 West Ahtanum	
City Union Gap	State WA Zip + 4 98944-2206
Email Address ugpwdirector@cityofuniongap.com	

II. Regulated Small MS4 Location		
Jurisdiction City of Union Gap	Entity Type: <i>Put an X in the box that applies</i>	
Major Receiving Water(s) Yakima River, Wide Hollow Creek, Spring Creek East	County	City/Town
		X

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. <i>Attach a copy of your agreement with the other entity to provide additional detail (unless previously submitted).</i>	
Name of Entity: Yakima County	Permit Obligation(s): Per attached ILA

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 Denmark Henne Title Director Project Date 3/25/2014

Name _____ Title _____ Date _____

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	Document attached	RSWMP7.pdf
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	No annexations finalized in 2013	
3 Tracked or estimated the cost of development and implementation of the SWMP. (S5.A.4.a.ii)	Y		
4 Implemented a public education and outreach strategy designed to reach all of the identified target audiences. (S5.B.1.b)	Y		
4a Attached a description of the number and type of public education and involvement activities (S5.B.1.b)	Y	Distributed stormwater information articles in the City newsletter in addition to Regional activities attached.	Summary of 2013 Public Outreach Activities.pdf
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	http://www.co.yakima.wa.us/stormwater/documents/RSWMP6.pdf	
6 Completed the map of your MS4. (<i>Required no later than February 15, 2012</i> , S5.B.3.a)	Y		
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)	n/a	No changes to system. No updates required.	
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	Ongoing	
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	Spring Creek East	
8a Attached a summary of outfalls and illicit discharges discovered, and actions taken to eliminate the illicit discharges. (S5.B.3.c.ii)	n/a	No illicit discharges or new outfalls found	
9a Publicized a hotline or other local telephone number for public reporting of illicit discharges, including spills. (S5.B.3.d.ii)	Y		
9b Attached summary of hotline reports received and follow-up actions taken during the reporting period (S5.B.3.d.ii)	n/a	No hotline reports received during the reporting period.	
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	Ongoing	
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	Ongoing	

Question		Y/N/ NA	Comments (50 word limit)	Name of Attachment & Page Number, if applicable
12	Implemented procedures for the IDDE program. (S5.B.3.e)	Y	Ongoing	
12a	Attached summary of numbers and types of illicit discharges identified; inspections made; and any feedback received from public education efforts. (S5.B.3.e)	Y	Ongoing, no discharges identified	IDDELogReport2013.pdf
13	Implemented procedures for construction site plan review. (S5.B.4.b)	Y		
14	Reviewed <i>Stormwater Site Plans</i> including construction SWPPPs for new development and redevelopment projects.	Y	All	
14a	Number of site plans reviewed during the reporting period:	Y		
14b	Number of SWPPPs reviewed during the reporting period:	Y		
14c	Number of site plans approved during the reporting period:	Y	No public projects or private projects discharging to the MS4 during the report period. UG reviews to verify plans were developed and stamped by a licensed professional.	
15	Implemented procedures for site inspection and enforcement of construction stormwater pollution control measures. (S5.B.4.c)	Y	Ongoing	
16	Provided adequate training for all staff involved in permitting, plan review, field inspection and enforcement for construction site runoff control. (S5.B.4.b.i and S5.B.4.c.ii)	Y	Ongoing	
17	Inspected construction-phase stormwater controls at new development and redevelopment projects. (S5.B.4.c.iii)	Y		
17a	Number of sites inspected during the reporting period:	Y	1	
18	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)	Y		
19	Implemented procedures for post-construction site plan review. (S5.B.5.b)	Y	All	
20	Implemented procedures for post-construction site inspection and enforcement of post-construction stormwater control measures. (S5.B.5.c)	Y	No public projects or private projects discharging to MS4	
21	Inspected post-construction stormwater controls, including structural BMPs, at new development and redevelopment projects. (S5.B.5.c)	Y		
21a	Number of sites inspected during the reporting period:	Y	1	
22b	Number of structural BMPs inspected at new development and redevelopment sites during the reporting period:	Y	1	
23	Inspected structural BMPs at least once during installation. (S5.B.5.c.ii)	Y	1	
23a	Number of structural BMPs inspected during installation during the reporting period:	Y	1	

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	Ongoing	
25	Implemented the Operation and Maintenance plan for municipal operations. (S5.B.6.a)	Y		
26	Inspected 20% of stormwater treatment and flow control facilities owned or operated by the Permittee. (S5.B.6.a.i)	Y	All sites inspected during maintenance.	
26a	Number of known facilities:	Y	74	
26b	Number of facilities inspected during the reporting period:	Y	74	
27	Have NPDES permit coverage for stormwater discharges for all applicable construction projects and industrial facilities. (S5.B.6.a.i)	NA	No municipal projects met threshold for obtaining permits	
28	Conducted spot checks of stormwater facilities after major storms. (S5.B.6.a.ii)	NA	No storms met criteria during 2013	
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	Ongoing	
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)	n/a	No failure to comply	
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)	n/a	No discharges occurred	
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)	n/a	No discharges occurred	
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)]	n/a	No discharges occurred	

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	Implementation of the outreach program has improved messaging. Target audience feedback is indicating that messages are being received.
2. Are the BMPs selected and implemented for Public Involvement appropriate to minimize pollutants in the MS4 to the MEP?	Y	Public attendance and input continues to be infrequent, consistent with other jurisdictions nationwide. The redesigned website will feature a prominent feedback form to encourage participation.
3. Are the BMPs selected and implemented for Illicit Discharge Detection and Elimination appropriate to minimize pollutants in the MS4 to the MEP?	Y	Improvements in water quality should result from removal of illicit discharges and connections during mapping and smoke testing has identified illicit connections to be removed, responding to hotline call reports, increased investigation efficiency from the developed procedures manual, and staff training.
4. Are the BMPs selected and implemented for Construction Stormwater Pollution Prevention appropriate to minimize pollutants in the MS4 to the MEP?	Y	Education and enforcement actions related to the ordinance have helped keep sediment and other pollutants out of the MS4. Training opportunities on the regional website provide contractors and others a listing of available stormwater related courses and conferences held by other entities. This is an inexpensive method for distributing this information and this webpage has been visited regularly.
5. Are the BMPs selected and implemented for Post-Construction Runoff Management appropriate to minimize pollutants in the MS4 to the MEP?	Y	Education and enforcement actions related to the ordinance have helped keep sediment and other pollutants out of the MS4. Training opportunities on the regional website provide contractors and others a listing of available stormwater related courses and conferences held by other entities. This is an inexpensive method for distributing this information and this webpage has been visited regularly.
6. Are the BMPs selected and implemented for Good Housekeeping for Municipal Operations appropriate to minimize pollutants in the MS4 to the MEP?	Y	Good housekeeping BMPs are appropriate. Staff have been complying with O&M practices.

REMINDER: Answer each question Y/N/NA and provide necessary background information in the *Comments* field. Proceed to the next tab.

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	Justification for Change
1	Public Input meeting	Solicit constructive feedback to the stormwater program	Feature prominent feedback form on the website (under IDDE BMPs)	Solicit constructive feedback to the stormwater program	No feedback obtained from public input meetings
2					
3					
4					
5					
6					
7					

REMINDER: Provide necessary background information. This is the final tab of the Annual Report worksheet. Please review the entire worksheet for completeness and accuracy and save this document. Email this Annual Report file PLUS any identified attachments to: **PH2_EAnnRpt@ecy.wa.gov** no later than March 31, 2014. Mail two hard copies of the entire package to the address listed on the Certification tab.