



Water Quality Program

Permit Submittal Electronic Certification

Permittee: Kennewick City

Permit Number: WAR046005

Site Address: 210 W 6TH AVE
Kennewick, WA 99336-5649

Submittal Name: MS4 Annual Report Phase II Eastern

Version: 1

Due Date: 3/31/2016

Questionnaire

Number	Permit Section	Question	Answer
1	S5.A.3	Attach updated annual Stormwater Management Program Plan (SWMP Plan). (S5.A.3)	Stormwater Management Plan Upd_1_04122016114754
2	S9.D.5	Attach a map and copy of any annexations, incorporations or boundary changes resulting in an increase or decrease in the Permittee's geographic area of permit coverage during the reporting period per S9.D.5.	Not Applicable
3	S5.A.4.a.ii	Tracked the estimated costs of implementation of each component of the SWMP. (S5.A.4.a.ii)	Yes
4	S5.A.5.b	Coordinated among departments within the jurisdiction to eliminate barriers to permit compliance. (S5.A.5.b)	Yes
4b	S5.A.5.b	Attach a written description of internal coordination mechanisms. (Required to be submitted no later than March 31, 2016, S5.A.5.b)	Coordination - City of Kennewi_4b_04082016033518
5	S5.B.1.a and b	Attach description of public education and outreach programs and stewardship activities conducted per S5.B.1.a and b.	Education and Outreach - City_5_04082016040322
6	S5.B.2.a	Describe the opportunities created for the public to participate in the decision making processes involving the development, implementation and updates of the Permittee's SWMP. (S5.B.2.a)	Public Participation - City of_6_04082016040322
7	S5.B.2.b	Posted the updated SWMP Plan and latest annual report on your website no later than May 31. (S5.B.2.b)	Yes
7b	S5.B.2.b	List the website address.	http://www.go2kennewick.com/go2kennewick/default.aspx?option=com_flexicontent&view=items&cid=306&id=353&itemid=299
8	S5.B.3.a	Maintained a map of the MS4 that includes the requirements listed in S5.B.3.a.	Yes

9	S5.B.3.b.vi	Implemented a compliance strategy, including informal compliance actions as well as enforcement provisions of the regulatory mechanism described in S5.B.3.b. (S5.B.3.b.vi)	Yes
10	S5.B.3.b.vii	Updated, if necessary, the regulatory mechanism to effectively prohibit illicit discharges into the MS4 per S5.B.3.b.vii. (Required, if applicable, no later than February 2, 2019)	Yes
11	S5.B.3.c	Implemented procedures for conducting illicit discharge investigations in accordance with S5.B.3.c.	Yes
12	S5.B.3.c.iii	Percentage of MS4 coverage area screened in reporting year per S5.C.3.c.i. (Required to screen 40% of MS4 no later than December 31, 2018 and 12% on average each year thereafter, S5.B.3.c.iii)	31
13	S5.B.3.c.iv	Publicized a hotline telephone number for public reporting of spills and other illicit discharges. (S5.B.3.c.iv)	Yes
13b	S5.B.3.c.iv	List the hotline number.	509-585-4419
14	S5.B.3.c.v	Implemented an ongoing illicit discharge training program for all municipal field staff per S5.B.3.c.v.	Yes
15	S5.B.3.c.vi	Informed public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste. (S5.B.3.c.vi)	Yes
15b	S5.B.3.c.vi	Describe actions.	The City conducted IDDE training with the Public Works inspectors in November and the maintenance crews in December. We handed out informational flyers and talked to builders, landscapers, and the general public the Benton Franklin County Fair in August, and the Home and Garden Show in February. We also contracted with the Franklin Conservation District to share IDDE concepts in the classrooms, to reach the students of our community.
16	S5.B.3.d	Number of illicit discharges, including illicit connections, eliminated during the reporting period. (S5.B.3.d)	7
17	S5.B.3.d.iv	Attach a summary of actions taken to characterize, trace and eliminate each illicit discharge found by or reported to the permittee. For each illicit discharge, include a description of actions according to required timelines per S5.B.3.d.iv.	IDDE Summary for 2015_17_04082016010843

18	S5.B.3.e	Implemented an ongoing illicit discharge training program for all staff responsible for implementing the procedures and program, as described in S5.B.3.e.	Yes
19	S5.B.4.a	Implemented an ordinance or other regulatory mechanism and enforcement procedures for construction site stormwater runoff control as described in S5.B.4.a.	Yes
20	S5.B.4.b	Reviewed Stormwater Site Plans, including construction SWPPPs for all new development and redevelopment projects. S5.B.4.b.	Yes
20b	S5.B.4.b	Number of site plans reviewed during the reporting period.	36
21	S5.B.4.c	Implemented procedures for site inspection and enforcement of construction stormwater pollution control measures. (S5.B.4.c)	Yes
21b	S5.B.4.c.iii	Number of permitted construction sites inspected during the reporting period, (S5.B.4.c.iii)	78
22	S5.B.4.c	Number of enforcement actions taken during the reporting period based on construction phase inspections at new development and redevelopment projects. (S5.B.4.c)	0
23	S5.B.4.b.ii and S5.B	Trained the staff involved in permitting, plan review, field inspections and enforcement for construction site runoff control. (S5.B.4.b.ii and S5.B.4.c.ii)	Yes
24	S5.B.4.d	Provided information to construction site operators and design professionals about training available on how to comply with the requirements in Appendix 1 and the BMPs in the SWMMEW, or an equivalent document. (S5.B.4.d)	Yes
24b	S5.B.4.d	Cite website address, if located on your website.	
25	S5.B.4.e	The number of construction sites that provided their intent to apply for the "Erosivity Waiver" as described in (S5.B.4.e).	26
26	S5.B.4.e	The number of complaints investigated about sites that have received an "Erosivity Waiver" and describe any enforcement actions taken as a result. (S5.B.4.e)	4
27	S5.B.5.a.	Implemented ordinance or other regulatory mechanism and enforcement procedures as described in S5.B.5.a.	Yes
31	S5.B.5.b	Implemented procedures for post-construction site plan review. (S5.B.5.b)	Yes
32	S5.B.5.c.ii	Inspected post-construction stormwater controls, including structural BMPs, during installation at new development and redevelopment projects. (S5.B.5.c.ii)	Yes
32b	S5.B.5.c.ii	Number of sites inspected during the reporting period. (S5.B.5.c.ii)	33
33	S5.B.5.c	Number of enforcement actions taken during the reporting period? (S5.B.5.c)	0
34	S5.B.5.c.iii	Inspected structural BMPs at least once every five years after final installation. (S5.B.5.c.iii)	Yes

34b	S5.B.5.c.iii	Number of BMPs inspected during the reporting period. (S5.B.5.c.iii)	3692
35	S5.B.5.d	Trained the staff involved in permitting, plan review, inspection and enforcement for post-construction stormwater control. (S5.B.5.d)	Yes
37	S5.B.6.a	Implemented the schedule of Operation and Maintenance activities for municipal operations. (S5.B.6.a)	Yes
38	S5.B.6.a.i (f) and (g)	Have NPDES permit coverage for all applicable Permittee construction projects and industrial facilities. (S5.B.6.a.i (f) and (g))	Yes
39	S5.B.6.a.ii (a)	Inspected stormwater treatment and flow control facilities (except catch basins) owned or operated by the Permittee at least once every two years. (S5.B.6.a.ii (a))	Yes
39b	S5.B.6.a.ii (a)	Number of facilities inspected during the reporting period. (S5.B.6.a.ii (a))	3692
41	S5.B.6.a.ii (b)	If used an alternative to standard schedule for catch basin inspections for all or a portion of the MS4, attach description of the method used. (S5.B.6.a.ii(b))	Not Applicable
42	S5.B.6.a.ii (c)	Conducted spot checks of stormwater facilities after major storms. (S5.B.6.a.ii (c))	Yes
43	S5.B.6.b	Trained the staff with primary construction, operations, or maintenance job functions that are likely to impact stormwater quality. (S5.B.6.b)	Yes
44	S7.A	Complied with the Total Maximum Daily Load (TMDL)-specific requirements identified in Appendix 2. (S7.A)	Not Applicable
45	S7.A	For TMDLs listed in Appendix 2: Attach a summary of relevant SWMP and Appendix 2 activities to address the applicable TMDL parameter(s). (S7.A)	Not Applicable
46	S8.A	Attach a description of any stormwater monitoring or stormwater-related studies as described in S8.A.	Not Applicable
47	S8.B	Participated in the regional group to select, develop and conduct effectiveness studies as described in S8.B.	Yes
48	G3	Notified Ecology in accordance with G3 of any discharge into or from the Permittees MS4 which could constitute a threat to human health, welfare or the environment. (G3)	Yes
49	G3.A	Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A.	Yes
50	G20	Notified Ecology of the failure to comply with the permit terms and conditions within 30 days of becoming aware of the non-compliance. (G20)	Not Applicable
51	G20	Number of non-compliance notifications (G20) provided in reporting year.	
51b	G20	If applicable, list permit conditions described in non-compliance notification(s).	

52	S4.F.3.d	Attach a summary of the status of implementation of any actions taken pursuant to S4.F.3 and the status of any monitoring, assessment, or evaluation efforts conducted during the reporting period. (S4.F.3.d)	Not Applicable
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I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Pat Everham

4/13/2016 7:51:43 AM

Signature

Date



CITY OF KENNEWICK
STORM WATER MANAGEMENT PLAN
ANNUAL UPDATE FOR SWMP COMPONENTS
And
S9. REPORTING AND RECORDKEEPING
For
REPORTING PERIOD 1/1/15 to 12/31/15

S5.B.1. Public Education & Outreach

Initial public comment was sought at a series of public informational meetings held in early 2010. The City continues to solicit public input via the comment section of our bi-monthly utility billings and through bi monthly City Council meetings. The City has revised its web site with improved access to links for the City's Comprehensive Storm Water Management Plan, the Benton County Health Department, Benton County Solid Waste, the Department of Ecology, Washington Stormwater Center, the United States Environmental Protection Agency, Waste Management-Kennewick, CESCL Training, the Washington State Department of Health and for spill and illicit discharge reporting. The City continues to partner with neighboring communities to distribute storm water informational brochures and engage with targeted audiences through specific and more general public venues. The City's target audiences for storm water education and outreach is as follows:

- Development community
- Home builders
- General contractors
- Local engineering firms
- The general public
- School age children

The strategy for education and outreach includes mailings, handouts, web-site links, storm drain stenciling and an annual seminar coordinated by the local agencies, Department of Ecology and the Home Builders Association (Optional BMP's 2B, 2C, 2D, 2I, 2J). We reach these audiences through events and the Benton County Fair, Home and Garden Show and direct contact in the classrooms through our partnered program With the Franklin Conservation District (see Annex A). This permit year (2015) we are unsuccessful in coordinating the Quad City Stormwater Group staffing of our annual Storm Conference for the development community. We intend to resume this even in 2016.

S5.B.2. Public Involvement & Participation

The City continues to partner with adjacent agencies to conduct informational meetings for the public and other stakeholders about the storm water permits and how they affect the communities. The four cities team with the local WSU Extension to develop an informational booth at the regional Home and Garden Show, as well as the regional Benton

Franklin Fair and Rodeo, providing informational fliers, visual examples of do's and don'ts as well as addressing a wide variety of public and contractor questions. Please review the results of our educational partnership on Attachment B. The City continues to utilize its existing venues for public input, including, the comment section of the monthly utility bill, a PWINFO e-mail link, the City Web page, directly to City staff or to any of the bi monthly City Council meetings. The City's program for public input is effective at bring all forms of comment forward. Public hearings have been held for the implementation of a storm water utility, the requirement for grading permits, illicit discharge detection and elimination, erosion and sediment controls for construction sites, and post-construction storm water management for new development and re-development.

S5.B.3. Illicit Discharge Detection & Elimination

In 2015, the City received notice and responded to seven spills consisting of fertilizer, construction materials, and automotive liquids. Four of these spills entered the City's storm system. Of these spills all were retained in the sump of the structures excluding one, were a few quarts of oil may have contacted the infiltration section of a drywell located in an area categorized with low infiltration rates and greater than 70 feet to ground water. This sight was contracted for clean up by the company that owned the vehicle. No illicit connects where found in 2015.

In August 18, 2009 City Council adopted ordinance 5272 regarding illicit discharge detection and elimination. In the fall of 2012, the City revised its IDDE Manual and continues to follow its procedures. The City's Storm Water web page has a link for the reporting spills and illicit discharges. IDDE training course for maintenance personnel were held in May and October of 2014.

The City maintains a City wide map of the MS4, which is updated on an ongoing basis. The City has completed a program for the application of "Only Rain in the Drain" markings for all catch basins within our wellhead protection area. The markings are a highly durable hot melt application with excellent visibility characteristics.

In addition to the overflow/ discharge points associated with the local irrigation districts, the City has 3 outfalls to the Columbia River and 3 to a US Army Corp of Engineers storm water management pond. There are no reported illicit discharges through these outfalls.

S5.B.4. Construction Site Storm Water Runoff Control

Information concerning the construction storm water general permit and a link to CESCL training are posted on the City's Storm Water web page. A handout with information on training for erosion and sediment control installation and maintenance is available at the Public Works Department front counter. The City has reviewed the Eastern Washington Erosion and Sediment Control Field Guild and allows its use. The City has five Certified Erosion Sediment Control Leads. Erosion and sediment control plans for private and commercial projects are reviewed prior to construction.

At the February 16, 2010 City Council meeting, Council adopted Ordinance 5290 amending the Kennewick Municipal Code to require construction site storm water runoff controls.

The Building Department and Public Works Department has integrating a pre-construction meeting into the project permitting process for private and commercial projects in order to set the conditions for better compliance throughout the construction period. The most recent construction inspection training and coordination meeting took place in September of 2015.

S5.B.5. Post Construction Storm Water Management for New Development and Redevelopment

Developers are required, by the City Standard Specifications, to retain and dispose of a 10-year, 24-hour storm on-site. Private connections to our MS4 are not allowed. The current City of Kennewick Comprehensive Storm Water Management Plan is posted on the City's Storm Water web page.

At the February 16, 2010 City Council meeting, Council adopted Ordinance 5290 amending the Kennewick Municipal Code to include the requirements of the City Standard Specifications for post-construction storm water management for new development and redevelopment.

S5.B.6. Pollution Prevention & Good Housekeeping for Municipal Operations

The City of Kennewick coordinated with numerous Eastern Washington agencies for the development of an Operations and Maintenance Guidance Template. The City revised its O&M plan in the fall of 2012. The City maintains Stormwater Pollution Prevention Plans for two facilities. The City operates a decant facility permitted through the health department. This facility and the City's Inert landfill are overseen by a certified Manager of Landfill Operations (MOLO).

S6. Stormwater Management Requirements for Secondary Permittees

The City does not have any secondary permittees.

S7. Compliance with Total Maximum Daily Load Requirements

The City of Kennewick currently does not have TMDL related requirements.

S8. Monitoring and Assessment

The City of Kennewick partners with the Eastern Washington NPDES Phase II Permittees on monitoring project development. Through 2014 and into mid-2015, the City played an active role in the region wide assembly of more than 20 monitoring study questions. This first Phase is now complete and the outputs have been reviewed by Ecology. The City intends to continue working with Ecology and Eastern Washington Permittees to complete the Quality Assurance Project Plans, followed by the execution of the studies.

S9. Reporting and Recordkeeping

The City intends to submit an annual report for 2015 activities. All records will meet the State records retention schedule or the NPDES Permits requirements whichever is greater. These records will be available to the public on the City website or upon request. Kennewick does not currently have Secondary Permittees requiring a report.

Water on Wheels (Sept 2014 - May 2015)	# Students	# Teachers	# Of Lessons
Kennewick			
Bethlehem Lutheran School	194	10	9
Cascade Elementary	75	3	3
Cottonwood Elementary	469	22	19
Edison Elementary	54	3	2
Lincoln Elementary	82	4	4
Ridge View Elementary	205	8	8
Vista Elementary	244	11	10
Westgate Elementary	286	21	12
Kennewick Total	1609	82	67
Pasco			
James McGee Elementary	505	28	22
Livingston Elementary	133	6	6
Mark Twain Elementary School	96	4	4
Robert Frost Elementary	350	17	12
Rosalind Franklin Elementary	156	8	6
St.Patrick's Catholic School	68	3	3
Pasco Total	1308	66	53
Richland			
Badger Mountain Elementary	128	4	4
Jason Lee Elementary	510	22	22
Lewis and Clark Elementary	79	4	3
Sacajawea Elementary	244	9	9
Tapteal Elementary	108	9	5
White Bluffs Elementary	703	40	28
Richland Total	1772	88	71
West Richland			
Tapteal Elementary	442	17	16
West Richland Total	442	17	16
Grand Total	5131	253	207

Franklin Conservation District Education Report 2014-2015
Water on Wheels and Wheat Week

Wheat Week (Sept 2014 - May 2015)	# Students	# Teachers	# of Weeks
Kennewick			
Canyon View Elementary	84	3	1
Cascade Elementary	98	4	1
Lincoln Elementary	85	4	1
Sunset View Elementary	81	3	1
Vista Elementary	63	3	1
Kennewick Total	411	17	5
Pasco			
Chess Elementary	109	4	1
Edwin Markham Elementary	58	2	1
Emerson Elementary	111	4	1
James McGee	106	5	1
Longfellow Elementary	96	5	1
Mark Twain Elementary	94	4	1
Maya Angelou Elementary	109	4	1
Robinson Elementary	115	4	1
Ruth Livingston Elementary	141	6	1
Pasco Total	939	38	9
Richland			
Badger Mountain Elementary	119	5	1
Jefferson Elementary	60	2	1
Lewis & Clark Elementary	81	3	1
Richland Total	260	10	3
West Richland			
Tapteal Elementary	114	4	1
West Richland Total	114	4	1
Grand Total	1724	69	18