



# 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:** 3/31/2019

### Questionnaire

Number	Permit Section	Question	Answer
1	S5.A.3	Attach updated annual Stormwater Management Program Plan (SWMP Plan). (S5.A.3)	SWMP update submitted with rep_1_03272019090413
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
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_03262019041233
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_03262019041233
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.	<a href="https://www.go2kennewick.com/334/Stormwater">https://www.go2kennewick.com/334/Stormwater</a>
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)	20
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.	Our strategy for education and outreach for Illicit Discharge Detection and Elimination includes, handouts, web-site links, storm drain stenciling. We comment on proposed construction projects and meet directly with the contractors prior to construction to review IDDE. We also present this material to the all members of the community at the Benton County Fair, and Home and Garden Show. We provide messaging in the classrooms through our partnered program with the Franklin Conservation District.
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 2018_17_03262019041757
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.	85
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)	50
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)	2
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.	<a href="https://www.go2kennewick.com/334/Stormwater">https://www.go2kennewick.com/334/Stormwater</a>
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).	14
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)	0
27	S5.B.5.a.	Implemented ordinance or other regulatory mechanism and enforcement procedures as described in S5.B.5.a.	Yes
28	S5.B.5.a.ii(a)	Allowed non-structural preventive actions and source reduction approaches such as Low Impact Development techniques to be used. (Required no later than December 31, 2017, S5.B.5.a.ii(a))	Yes
29	S5.B.5.a.ii(b)(2)	Required projects approved under S5.B.5 to retain runoff generate on-site for, at a minimum, the 10-year, 24-hour rainfall event or a local equivalent, using either on-site or regional stormwater facilities. (Required no later than December 31, 2017, S5.B.5.a.ii(b)(2))	Yes
30	S5.B.5.a.ii(b)(2)	Attach criteria developed and implemented to determine when it is infeasible to meet requirement for on-site retention, or provide citation from existing ordinances or from LID Manual developed by eastern Washington permittees, as per S5.B.5.a.ii(b)(2), (Required to be submitted by March 31, 2018).	Question 30 - Post Constructio_30_032720 19091607
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)	7
33	S5.B.5.c	Number of enforcement actions taken during the reporting period? (S5.B.5.c)	1
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)	160
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))	2891
40	S5.B.6.a.ii (b)	Inspected and, if needed, cleaned catch basins and inlets owned or operated by the Permittee, or used an alternative approach. (Required at least once no later than December 31, 2018 and every two years thereafter. (S5.B.6.a.ii (b))	Yes
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
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)	Question 52 - Monitoring Study_52_03272019092 942

*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.*

Bruce Mills

3/27/2019 9:55:57 AM

Signature

Date



CITY OF KENNEWICK  
STORM WATER MANAGEMENT PLAN  
ANNUAL UPDATE FOR SWMP COMPONENTS  
And  
S9. REPORTING AND RECORDKEEPING  
For  
REPORTING PERIOD 1/1/18 to 12/31/18

**General Notes for the SWMP Update as of March 2019:**

**This change is intended to cover the current permit requirements ending in June 2019. Until the next Eastern Washington NPDES PH2 is officially enacted, we will not be able to direct tax payer funds towards the proposed changes. Once that has occurred, the City will endeavor to meet all new permit requirements.**

**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. In 2018 the City 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's new web site, 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 meetings with the development and construction community. (Optional BMP's 2B, 2C, 2D, 2I, 2J). We reach these audiences through 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) as well as direct contact with developers and engineers at Developer forums hosted by the Public Works Director and specific project related meetings. In 2017 the Conservation District introduced the Drain Rangers and Junior Drain Rangers Program for our school age children. We have had great interest in 2018 and plan to continue through 2019.

### **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 Franklin Conservation District 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 2018, the City received notice and responded to seven potential spill/ IDDE events consisting of dog waste, carpet cleaning, transmission fluid, construction material, paint dumping, and non-City vector dumping.

We were able to find signs that a carpet cleaning business was dumping in the gravel behind another business. We found signs of grout and other construction materials being dumped by two 2 separate contractors. We found an asphalt seal coating business that spilled material on their own project site and it ran across an adjacent parking lot. We also found what looked like transmission fluid dumped in a gravel parking lot. In all of those cases, we were able to clean the storm system or over excavate the earth resulting in little to no potential to affect water quality. Our other inspections didn't turn up evidence of dumping for the other items.

In all cases, regardless of where proof of the incident was found or not, we made contact with the suspected home or business owners and provided education and warning of potential fines by the City and State.

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 of spills and illicit discharges. IDDE training courses 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 adopted and follows the Stormwater Management Manual for Eastern Washington. The City has reviewed the Eastern Washington Erosion and Sediment Control Field Guild and allows its use. The City has eight 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 June of 2017.

#### **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 25-year, 24-hour storm on-site. This is an increase from the City's previous requirement to retain the 10 year storm. Private connections to our MS4 are not allowed. The City's Standard Specifications further clarify the design requirement that a pre-construction infiltration test achieve .5 inches per hour, meet the Site Suitability Criteria of the SMMEW, meet the UIC requirements, and can drain 90% of the volume of the infiltration system in 48 hours. A developer that cannot meet these conditions may request that the Public Works Director consider an alternate design. In this case we require the developer to seek a regional infiltration solution before a discharge.

The current City of Kennewick Comprehensive Storm Water Management Plan is posted on the City's Storm Water web page. The City adopted and follows the Stormwater Management Manual for Eastern Washington.

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 district. This facility and the City's Inert landfill are overseen by a certified Manager of Landfill Operations (MOLO). In 2019, a 2<sup>nd</sup> Street Waste Facility will be constructed on the west end of the City and will be permitted and operated under the oversight of the local Health District.



**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, 2015, 2016, 2017, and 2018, the City played an active role in the region wide assembly of more than 20 monitoring study questions. The first two phases of the development of these studies is complete and reviewed by Ecology. The City has also worked with Ecology and Eastern Washington Permittees to complete the next phase of the process to develop the Detailed Study Design and Quality Assurance Project Plans, followed by the execution of the studies. Kennewick has committed to lead a regional study focused on effective education and outreach techniques which is underway at this time.

**S9. Reporting and Recordkeeping**

The City intends to submit an annual report for 2018 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.

Franklin Conservation District Education Report 2017-2018  
 Water on Wheels, Wheat Week & JR Drain Rangers  
 September 2017 – May 2018

Water on Wheels	# Students	# Teachers	# of lessons
<b>Kennewick</b>	<b>807</b>	<b>43</b>	<b>38</b>
Canyon View Elementary	146	10	10
Cottonwood Elementary	50	2	2
Edison Elementary	105	5	4
Ridge View Elementary	196	8	8
Southgate Elementary	78	4	4
Sunset View Elementary	174	12	8
Vista Elementary	58	2	2
<b>Pasco</b>	<b>668</b>	<b>34</b>	<b>30</b>
Captain Gray STEM Elementary	59	3	3
Franklin STEM Elementary	88	5	4
Longfellow Elementary	84	4	3
Maya Angelou Elementary	113	5	5
McClintock STEM Elementary	80	3	3
Robert Frost Elementary	196	10	8
Rowena Chess Elementary	48	4	4
<b>Richland</b>	<b>1316</b>	<b>67</b>	<b>60</b>
Badger Mountain Elementary	95	6	5
Jason Lee Elementary	190	8	8
Lewis and Clark Elementary	301	14	12
Marcus Whitman Elementary	92	4	4
Orchard Elementary	122	5	5
Sacajawea Elementary	274	15	12
Sagebrush Montessori	26	2	2
White Bluffs Elementary	216	13	12
<b>West Richland</b>	<b>98</b>	<b>4</b>	<b>4</b>
Tapteal Elementary	98	4	4
<b>Grand Total</b>	<b>2,889</b>	<b>148</b>	<b>132</b>

Wheat Week	# of Students	# of Teachers	# of weeks
<b>Kennewick</b>	<b>334</b>	<b>13</b>	<b>4</b>
Bethlehem Lutheran Elementary	16	1	1
Cascade Elementary	114	5	1
Ridge View Elementary	115	4	1
Sunset View Elementary	89	3	1
<b>Pasco</b>	<b>1,172</b>	<b>52</b>	<b>13</b>
Barbara McClintock Elementary	102	5	1
Captain Gray Elementary	64	4	1
Edwin Markham Elementary	62	3	1
Emerson Elementary	100	4	1
James McGee Elementary	109	4	1
Kingspoint Christian	8	1	1
Livingston Elementary	128	5	2
Mark Twain Elementary	118	5	1
Maya Angelou Elementary	130	8	1

Franklin Conservation District Education Report 2017-2018  
 Water on Wheels, Wheat Week & JR Drain Rangers  
 September 2017 – May 2018

Virgie Robinson Elementary	117	5	1
Marie Curie STEM Elementary	234	8	2
<b>Richland</b>	<b>571</b>	<b>30</b>	<b>6</b>
Jason Lee Elementary	108	4	1
Jefferson Elementary	61	3	1
Lewis and Clark Elementary	94	7	1
Marcus Whitman Elementary	93	7	1
Sacajawea Elementary	91	4	1
White Bluffs Elementary	124	5	1
<b>West Richland</b>	<b>190</b>	<b>12</b>	<b>2</b>
Tapteal Elementary	105	7	1
Wiley Elementary	85	5	1
<b>Grand Total</b>	<b>2,267</b>	<b>107</b>	<b>25</b>

<b>JR Drain Rangers</b>	<b># Students</b>	<b># Teachers</b>	<b># of Lessons</b>
<b>Kennewick</b>	<b>573</b>	<b>36</b>	<b>27</b>
Amistad Elementary	63	4	3
Bethlehem Lutheran School	68	4	3
Cascade Elementary	19	2	1
Cottonwood Elementary	98	5	4
Eastgate Elementary	64	4	3
Edison Elementary	93	6	5
Sunset View Elementary	78	5	4
Westgate Elementary	90	6	4
<b>Pasco</b>	<b>829</b>	<b>48</b>	<b>39</b>
Barbara McClintock STEM Elementary	129	7	5
Edwin Markham Elementary	106	6	5
Emerson Elementary	83	4	4
Franklin STEM Elementary	93	5	4
Livingston Elementary	91	8	5
Rowena Chess Elementary	26	2	2
Saint Patrick's Catholic School	63	5	3
Virgie Robinson Elementary	18	1	1
Whittier Elementary	186	8	8
Longfellow Elementary	34	2	2
<b>Richland</b>	<b>406</b>	<b>23</b>	<b>19</b>
Christ the King School	37	4	2
Jason Lee Elementary	89	5	4
Lewis and Clark Elementary	92	5	4
Orchard Elementary	188	9	9
<b>West Richland</b>	<b>54</b>	<b>3</b>	<b>2</b>
White Bluffs Elementary	54	3	2
<b>Grand Total</b>	<b>1,862</b>	<b>110</b>	<b>87</b>

Franklin Conservation District Education Report 2017-2018  
Water on Wheels, Wheat Week & JR Drain Rangers  
September 2017 – May 2018

Two Drain Ranger Teacher Workshops were held in Pasco on February 1<sup>st</sup> and February 27, 2018. A total of 44 teachers were trained in the Drain Rangers Elementary curriculum. One teacher in Richland completed the ELA Performance Task with her class and sent me samples. They were rewarded with an ice cream party.

Total Water on Wheels, Wheat Weeks and JR Drain Rangers in the Quad Cities  
(September 2017 – May 2018)

Students = 7,018

Teachers = 365 + 44 = 409



## 2018 Regional Home & Garden Show

TRAC, Pasco

Friday, Feb. 23; 10 am to 7 pm

Saturday, Feb. 24; 10 am to 7 pm

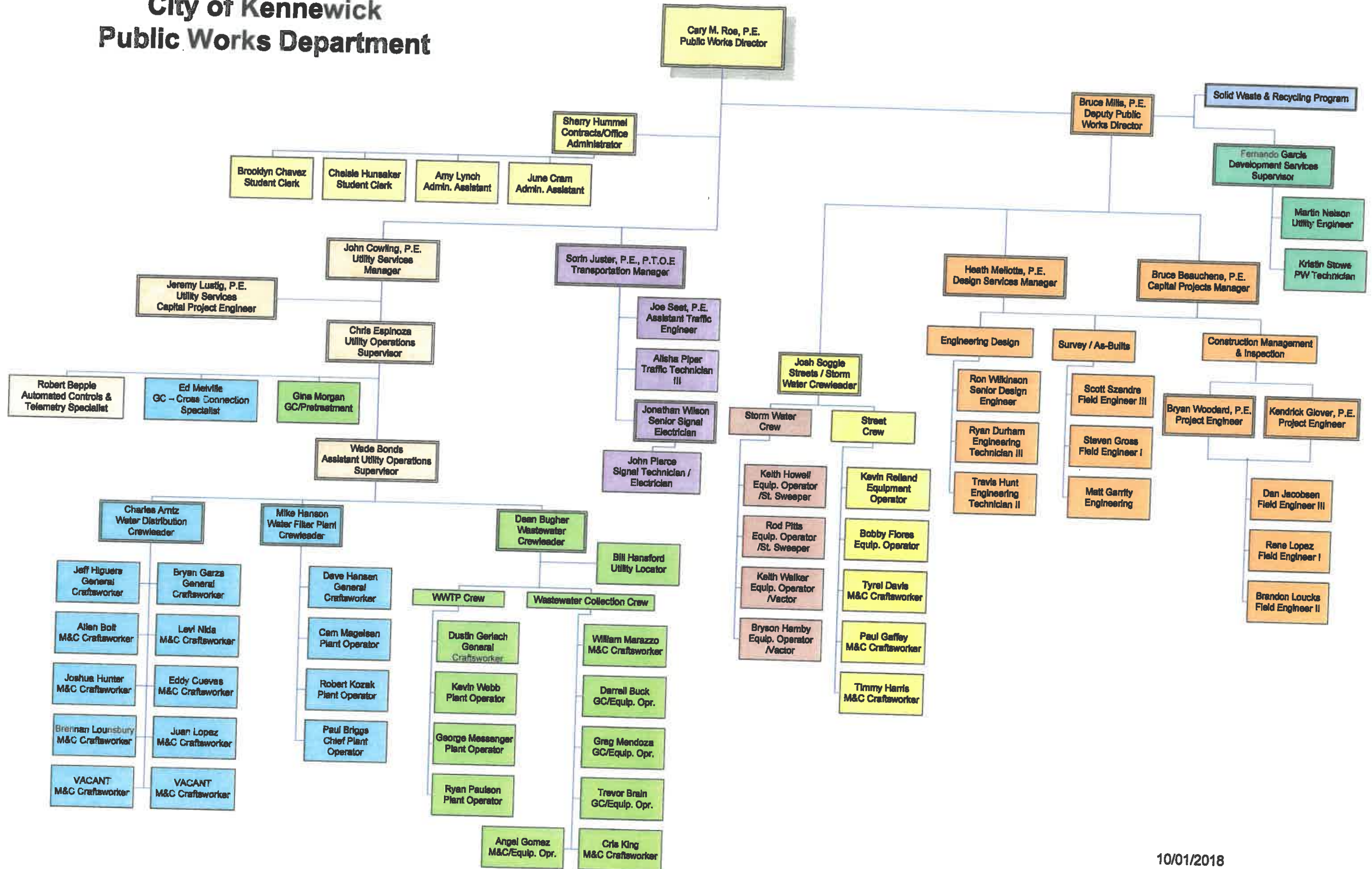
Sunday, Feb. 25; 10 am to 4 pm

<b>February 23rd</b>		
Friday 10:00 – 1:00 (3 hours)	Kennewick Employee	FCD Employee
Friday 1:00 – 4:00 (3 hours)	Kennewick Employee	FCD Employee
Friday 4:00 – 7:00 (3 hours)	West Richland Employee	FCD Employee

<b>February 24th</b>		
Saturday 10:00 – 1:00 (3 hours)	West Richland Employee	FCD Employee
Saturday 1:00 – 4:00 (3 hours)	Richland Employee	FCD Employee
Saturday 4:00 – 7:00 (3 hours)	Richland Employee	FCD Employee

<b>February 25th</b>		
Sunday 10:00 – 1:00 (3 hours)	Pasco Employee	FCD Employee
Sunday 1:00 – 4:00 (3 hours)	Pasco Employee	FCD Employee

# City of Kennewick Public Works Department



#### **S4.F.3.d          Monitoring Study**

**The City of Kennewick is lead one of the Eastern Washington Stormwater Group selected monitoring studies focused on evaluating the effectiveness of our outreach to school aged children. We have partnered with the Franklin Conservation District who champions classroom instruction for stormwater topics, to measure our current program. This measurement is centered on the Drain Rangers and Junior Drain Rangers Program. At the time of this report, the study has been approved by Ecology and launched. Results of the study will come in time, but the number of students reached by the program can be found in the attached report “School Aged Education and Outreach” report.**

Spill/ IDDE Summary for 2018

Date of Incident or Initial Report	Description of Incident	Initial Report Timeline (Working Days)	Corrective Action	Education Topics Covered	Risk to ground water or surface water.
1/19/2018	Report of dog waste dumping	1	Site Inspection same day as contact from Ecology. Inspection - no signs of dumping. Made contact with business owner to warn and educate.	Illicit Discharge, risk to groundwater impairment and flooding due to plugging of infiltration system	None - dumping could not be confirmed.
2/13/2019	Carpet cleaner dumping on open ground	3	City Inspection found signs of dumping. Educated business and informed Ecology	Illicit Discharge, risk to groundwater impairment	Low potential - depth to ground water over 80
2/22/2018	Construction material dumping on site and in street	N/A	Contacted Contractor. Contractor cleaned up his construction material.	Illicit Discharge, risk to groundwater impairment and flooding due to plugging of infiltration system.	None - material did not make it into infiltration or surface discharge
2/26/2018	Report of vactor dumping water into catch basin	1	Site Inspection same day. Inspection - no signs of dumping. Made contact with business owner to warn and educate.	Illicit Discharge, risk to groundwater impairment and flooding due to plugging of infiltration system.	None - dumping could not be confirmed.
5/31/2018	Asphalt seal coat spill	1	Inspection found asphalt ran off of private property, across adjacent property and entered catch basin. Seal coat cured in place on surface. Water and seal coat mix was removed from catch basin sump. Business Owner did the clean up and was educated.	Spill Control, risk to ground water and surface water	None - no seal coat material was found in down stream system.
7/17/2018	Report of paint dumping	1	Inspection showed 1/2 gallon of grout in catch basin. Educated the home owner.	Illicit Discharge, risk to groundwater impairment and flooding due to plugging of infiltration system.	None - grout was trapped in the sump
8/30/2018	Report of Transmission fluid dumping	1	Inspection found transmission fluid dumped in gravel parking area. Crew over excavated to dry earth. Reported to Ecology	N/A perpetrator not identified	None - Over excavated to remove material



Ed. & Owl Reach



**¡Solamente lluvia por el desagüe!**