

DEPARTMENT OF PUBLIC WORKS

2012 Annual Report

I. OVERVIEW

In 2012 the Public Works Department prepared 104 City Council agenda items and staff attended several meetings related to the Palouse Basin Aquifer Committee (PBAC), and Whitman County Hazard Mitigation Plan Update, as well as continued to track the Total Maximum Daily Load (TMDL) development process for the South Fork of the Palouse River.

II. DIVISIONAL ACTIVITIES

A. Engineering Division

In 2012 engineering services were provided for the construction of the following major projects:

<u>Project:</u>	<u>Valuation:</u>
WWTP - Secondary Process Improvements.....	\$ 6,122,158.20
Accelerated Street Resurfacing 2012.....	\$ 636,038.46
WWTP Disinfection Upgrades.....	\$ 458,097.75
West Clifford Street Sanitary Sewer.....	\$ 417,209.03
Palouse Basin Monitor Wells.....	\$ 265,814.70
Fire Stations – Exhaust Ventilation.....	\$ 148,817.90
Adam’s Mall Security Cameras.....	\$ 123,067.70
Holbrook Sewer Reconstruction.....	\$ 90,005.92
Lake Street Sewer Monitoring Station.....	\$ 62,199.14
Holbrook Waterline.....	\$ 31,867.12
Fire Station No. 1 Floor Drain Retrofit.....	\$ 25,288.03
Olsen Street Storm Drain Extension.....	\$ 22,523.20
Adam’s Mall Microwave Radio Extension.....	\$ 19,250.64

Inspection of the construction of the public works improvements for the following developments:

- SEL Solutions Delivery Center II
- Pimlico Apartments – Phase 1
- Bishop 405 Building
- Washington Trust Bank
- Golden Hills Apartments
- Hilltop Hotel Addition
- The Grove – Temporary Marketing Compound

Other significant activities include:

- Update City of Pullman Design Standards
- Design of Wawawai Road Improvements

- Design of Well 5 Chlorine Upgrades
- Design of Stadium Way Utility Upgrades

B. Protective Inspections Division

Activity in the Protective Inspections division was up:

- Inspections were up in 2012 with 1,924 inspections made compared to 1,765 in 2011.
- Permit activity was also up with 572 permits issued in 2012 for work valued at a total of \$51,130,973 and \$481,403.23 in fees collected compared to 540 permits issued for work valued at a total of \$33,279,815 and \$321,589.57 in fees collected compared in 2011.
- 17 housing complaints were received:
 - 13 have been resolved
 - 4 are still open and in the process of being resolved with the owners
- 12 housing complaints active from previous years were carried over into 2012
 - 8 were resolved
 - 4 are still open and in the process of being resolved with the owners

Major building activity included the following:

- SEL Solutions Delivery Center II
-
- Golden Hills Drive Apartments
- Pimlico Apartments
- Permits were issued for:
 - 43 new single family homes
 - 6 new townhouses
 - 1 duplex
 - 22 multi-unit apartment buildings
 - 220 building remodels and additions

C. Stormwater Services Division

2012 was another year of significant progress in implementing a stormwater management program to facilitate compliance with the Phase II Municipal Stormwater Permit. Notable activities included:

- Continued management of and compliance with the city's NPDES Phase II Municipal Stormwater Permit.
- Provided storm water awareness training to all city departments.
- Continued education and outreach efforts via website, news media personal interaction with the public. Also, the city partnered with the Palouse-Clearwater Environmental Institute (PCEI), Pullman School District, and private schools to provide stormwater related information to Pullman's 5th, 8th and 10th grade classrooms, totaling 35 lessons delivered to 623 students.
- Sponsored the 8th Annual Stream Clean-up event in April. 140 volunteers spent 350+ hours cleaning Pullman streams by removing an estimated 10 cubic yards of

trash and recyclables. Litter was removed from 4.4 miles of stream plus an additional 1.75 miles of the Grand Avenue Greenway and other off-stream public areas.

- Continued development of the Pullman Adopt-A-Stream Program. Ten out of thirteen available segments were adopted by “Stream Stewards” who conducted clean-up activities throughout the year. Signs were installed at each segment (20 total) identifying the program and recognizing the Stewards.
- Identified and eliminated 2 private and 1 public illicit sanitary connections to the storm drain system.
- Completed GPS inventory and inspection of 381 stormwater outfalls.
- Completed GPS inventory of 44 public detention ponds.
- Continued development of a pet waste management program, including conducting a survey of Pullman dog owners (550 responses). The survey response resulted in the manufacture and installation of 43 pet waste stations in and along Pullman’s parks and trails.
- Conducted 120 documented construction related erosion control inspections.
- Developed and implemented a local Stormwater Permit for construction.
- Coordinated development and approval of an Inter-Agency agreement with WSU for regulation of Construction and Post-Construction activities.
- Continued management of the city’s NPDES Industrial Stormwater Permit for the Pullman Transit facility, including updating the SWPPP, reporting, inspections, water sampling and staff training.
- Applied for, received, successfully completed and closed 1 Washington Department of Ecology grant totaling \$50,000. The grant was used toward purchase of the new jet-vector truck for performing maintenance on the city’s storm drain system.
- Continued participation in the SFPR Fecal Coliform Bacteria TMDL process.
- Successfully completed Stadium Way Basin Fecal Coliform Investigation Study.
- Continued participation in the Eastern Washington NPDES Coordinators Forum.
- Sponsored five student interns from WSU and UI including a Masters in Communications, a Masters in Public Administration, 2 Masters in Engineering and one Bachelor in Wildlife Ecology, totaling 1,474 hours contributed.
- Mentored two WSU Senior Engineering Design class projects: 1) Library LID Retrofit; and 2) Snow Storage/Disposal Facility.

D. Transit Division

Fixed-Route:

Total ridership on the Fixed-Route was 1,472,626. This is a decrease of 56,754, or 3.7%, from 2011.

Fixed-Route ridership for 2012 compared to 2011 is as follows:

	Jan – May	June – Aug	Sept – Dec	TOTAL
2011	681,301	159,758	688,321	1,529,380
2012	714,332	156,171	602,123	1,472,626

Dial-A-Ride:

Ridership for Dial-A-Ride service was 18,653. This is an increase of 923, or 5.2% from 2011.

Dial-A-Ride ridership for 2012 compared to 2011 is as follows:

	Jan - May	June - Aug	Sept - Dec	TOTAL
2011	7,606	4,137	5,990	17,783
2012	8,370	4,286	5,997	18,653

Transit – Operating Statistics:

Population 31,000

Fixed-Route

Passenger Service Hours..... 26,011
 Passenger Service Miles 326,108
 Passenger Trips 1,472,626
 Employees (FTEs) 27.50
 Passenger Trips/Service Hour..... 56.6
 Passenger Trips/Service Mile 4.5
 Service Hours/Employee 945.9

Demand-Response (Dial-A-Ride)

Passenger Service Hours..... 7,252
 Passenger Service Miles 65,898
 Passenger Trips 18,653
 Employees (FTEs) 7.25
 Passenger Trips/Service Hour..... 2.6
 Passenger Trips/Service Mile 0.28
 Service Hours/Employee 1,000.3

Fixed-Route

Operating Cost\$ 2,866,524.00
 Operating Cost/Vehicle Service Hour\$ 110.20
 Operating Cost/Passenger Trip\$ 1.95
 Farebox Revenues\$ 1,776,798.88
 Farebox Recovery Ratio 62.0%

Demand-Response (Dial-A-Ride)

Operating Cost\$ 682,916.00
 Operating Cost/Vehicle Service Hour\$ 94.17
 Operating Cost/Passenger Trip\$ 36.61
 Farebox Revenues\$ 6,316.03
 Farebox Recovery Ratio 0.9%

E. Maintenance & Operations Division

- 983 underground utility locates requests were completed, which consumed 999 labor hours.

Stormwater:

- Crews spent just over 1,210 hours sweeping city streets.
- Labor hours expended on storm drain maintenance: 1,947.

Streets:

- Over 116,196 lineal feet (22 miles) of street centerline, fogline, curb, crosswalk, and bike lane painting was maintained; which involved 1,356 labor hours.
- Paving work was done on Clarkson Court (12'X55'), Orchard Drive (12'X420') and Mermand Drive (12'X20').
- Crews spent 1,553 hours inventorying street lights, maintaining traffic signals and providing traffic control.
- Snow and ice control operations involved 2,200 labor hours.
- Crews spent 742 labor hours grading alleys and identifying and filling potholes in city streets.
- 152 sign work orders were completed for new installations, vandalism and/or damage repairs. Labor hours related to sign work totaled 839.

Water:

- M&O crews completed a total of 1,322 work orders for water related assets.
- The water asset related work order summary follows:

○ Backflow Assemblies	# of work orders
▪ Repair	7
▪ Replace	2
▪ New installations	1
▪ Labor	11
○ Hydrant Meters	
▪ Tracking hydrant meter water use	51
○ Operations Facilities	
▪ Booster stations, wells, reservoirs miscellaneous and preventive maintenance	415
○ Water Meters	
▪ New installations	50
▪ Meter only replacements	12
▪ Age related meter & register replacements	476
▪ Register replacements only	12
▪ Replace radio read transmitters	27
▪ Large meter tests	100
▪ Miscellaneous activities	26
▪ Labor (miscellaneous and meter reading)	24
○ Water Service Lines	
▪ Repairs	5
▪ Replacements	19

- Stub ins 21
 - Fire Hydrants
 - Repairs 11
 - General maintenance 1
 - Water Mains
 - Labor (misc., locates, safety mtgs, pump runs) 42
 - Repaired broken mains (details below) 9

<u>MAIN BREAK VICINITY</u>	<u>PIPE SIZE & TYPE</u>	<u>DATE</u>
900 W. Main Street	8" cast iron	02/21/12
400 SW Fountain Street	8" cast iron	03/01/12
800 NW State Street	6" cast iron	03/09/12
700 SE Kamiaken Street	2" galvanized	04/26/12
SE Robin Place	2" cast iron	05/16/12
700 SE Kamiaken Street	2" galvanized	08/20/12
725 NW Guy Street	6" cast iron	09/13/12
400 NW Ann Street	6" cast iron	10/10/12
1000 NE Creston Lane	6" cast iron	12/30/12

- Nearly 285 hours were spent maintaining city backflow assemblies, testing city assemblies, and new installations.
- As part of the on-going backflow testing program, 856 backflow tests were performed on city, commercial, and private residential devices. City personnel performed 176 tests while outside contractors performed the other 680 tests.
- Crews spent just over 3,053 labor hours maintaining city water tanks, wells, reservoirs, booster stations, and their grounds.
- The number of routine water samples taken was 350. There were 21 new construction samples taken. There was one investigation sample taken.
- The existing 101.7 miles of water mains were increased by .82 miles to 102.19 miles.

Water Operations Statistics:

Water pumped.....	895,836,000 gallons
Water metered (sold).....	853,952,000 gallons
Water accounted for (not sold)	4,267,000 gallons
Total accounted for	858,218,000 gallons
Percentage of water accounted for	95.80%
Daily average	2.454 million gallons
Average daily usage per capita (based on 25,275 population).....	93 gallons
High day usage – August 20	5,441,000 gallons
Low day usage –December 21	925,000 gallons
Total number of active services	5082 (+73)

Number of services by user code:

01 Single-Family.....	3,502
02 Duplex.....	506
03 Multi-Family	407
04 Business/Commercial	374
05 Group	41
06 Schools.....	15
07 Irrigation	179

Total chlorine used.....	58,000 pounds (salt) 1,378 gallons (liquid Cl ₂)
Chlorine cost.....	\$13,624
Total hydrofluosilicic acid used.....	20,900pounds
Fluoride cost.....	\$14,288
Total chemical cost.....	\$27,912
	\$0.0311 /kgal
Electrical consumption cost.....	\$230,379
	\$0.239/kgal

Sewer System:

- Crews completed 1,171 sewer asset related work orders. Maintenance was performed on just over 206,841 lineal feet of sewer main lines. Ninety-six field inspection tests were performed on sewer lift stations.
- Sewer dye tests were performed on 58 new or altered connections to sewer main lines.
- The existing 91.16 miles of sewer main lines was increased by .66 miles to 91.82 miles.

Emergency Call outs:

- Eight M&O employees participated in the Weekend/Holiday On-Call Program for a total of 3,827 on-call hours.
- Sixty-five of the 158 total call outs were handled by on-call personnel. Thirty-five call outs were not handled by on-call personnel as the call outs occurred when no one is scheduled to be on call; that is Monday thru Thursday between 4:00 pm and 7:30 am. Fifteen call outs were a result of on-call personnel calling out other maintenance personnel for additional assistance. The other 43 call outs were during on-call times, but were handled by personnel not on call.
- On-call maintenance personnel responded to 11 of 31 street related emergency call outs which included traffic signal issues, downed trees, snow and ice problems or signage issues. Six call outs resulted from on call personnel calling for additional assistance. Twelve call outs were handled by personnel not on call. The other two call outs occurred during the work week when no one is scheduled to be on call.
- On-call maintenance personnel responded to 12 of the 22 water-related emergency call outs which included problems such as water main breaks, service line leaks, and water meter related issues. Two call outs occurred during the work week when no one is scheduled to be on call. Seven call outs resulted from on call personnel calling for additional assistance. One call out was handled by personnel not on call.
- On-call maintenance personnel responded to 6 of the 7 sanitary sewer related emergency call outs. The other call out resulted from on call personnel calling for additional assistance.
- There were two stormwater related call outs; one was for street sweeping and was handled by on call personnel; the other was for storm water maintenance and occurred during a time when no one was on call.
- The auto-dialer telemetry system requires response from specifically trained personnel. The system called out 96 times outside of normal working hours. On call personnel handled 35 of those calls; 30 calls occurred when no one was on call, 30 were during on-call times, but

were handled by personnel not on call and the other call out was a result of on-call personnel calling for additional help.

Equipment Rental:

- Performed preventive maintenance (service, inspections and repairs) on:
 - 22 cars
 - 12 police cars
 - 10 other cars
 - 27 pickup trucks (up to one ton)
 - 9 trucks (one ton or greater)
 - 1 semi truck & trailer
 - 2 vac trucks and trailers
 - 16 vans
 - 20 transit buses
 - 5 fire trucks
 - 6 ambulances
 - 2 street sweepers
 - 16 attachments
 - 7 pieces of heavy equipment
 - 25 pieces of commercial equipment
 - 1 paint machine
 - 11 trailers
 - 1 rescue truck

- Processed 3,112 equipment work orders for vehicle service and repairs.
- The following vehicles were compared to bid specifications and prepared for service; including installation of safety equipment, emblems, and radio equipment:
 - 12-008 – 2012 Ford Escape – Fire
 - 12-011 – 2012 Ford F-550 Ambulance – Fire
 - 12-459 – 2012 Ford F-550 Ambulance – Fire
 - 12-116 – 2012 John Deere Grader – M&O
 - 12-121 – 2012 Trail King Trailer – M&O
 - 12-034 – 2012 Ford ½-Ton Crewcab – Police
 - 13-015 – 2013 Ford Sedan Police Interceptor – Police
 - 13-017 – 2013 Ford Utility Police Interceptor – Police
 - 12-031 – 2012 Ford ½-Ton 4x4 Extended Cab Pickup – Protective Inspections
 - 12-040 – 2012 Ford E-450HD – Recreation
 - 3276 – 1996 Gillig 40 ft. Bus (used) – Transit
 - 3361 – 1996 Gillig 40 ft. Bus (used) – Transit
 - 12-394 – 2012 Ford E-350 Van – Transit
 - 12-395 – 2012 Ford Escape – Transit
 - 13-123 – 2013 Eager Beaver 25XPL Flatbed Trailer – Stormwater

Wastewater Treatment Plant

Wastewater Statistics:

Total flow treated (effluent)..... 1086.7 million gallons

Maximum daily flow –March 31	7.8 million gallons
Minimum daily flow –July 24.....	1.8 million gallons
Maximum monthly flow – March.....	120.9 million gallons
Minimum monthly flow – July	60.0 million gallons
Average daily flow.....	2.9 million gallons
Average summer flow (April-September)	2.8 mgd
Average winter flow (October-March)	3.2 mgd
Design flow.....	4.3 mgd
Hydraulic capacity	13.0 mgd
Plant capacity	8.6 mgd/winter peak

- Removed 96.0% of the total suspended solids and 93.1% of the organic contaminants before discharge to the South Fork Palouse River.
- The amount of Class B Biosolids produced and land applied on local farm ground was 440 dry tons.
- Tours have been suspended until the plant expansion has been completed.

Major Projects Completed:

- Installed heat tracing and insulation on the exterior pipes of Primary Digester #2 and waste gas burner.
- Conducted PCB testing on four sites in the collection system, two stormwater sites, the influent and effluent of the treatment plant. Dieldrin on the plant effluent was also analyzed.
- Drained both primary and secondary clarifiers for routine inspection and cleaning.
- Removed the old chlorine sample pumps, concrete pads and all legacy piping.
- Changed out all of the exterior lighting around the plant to LED.
- Two (2) months of continuous pH monitoring of Lake Street manhole.
- Painted the exterior of all plant buildings.
- Installed new doors in the headworks and old digester buildings.
- Cleaned rocks and sediment out of influent wet well and major trunk lines entering the plant.
- Elevated chlorine contact walls with addition of 12” aluminum panels to prevent short circuiting during flooding.
- Complete rehab of the Perforated Plate Screen
- Addition of 8” concrete curb around the screening area of the headworks.
- Completed Chemically Enhanced Primary Treatment (CEPT) study.
- Completed rebuild on all three influent pumps, associated check valves and replaced plug valves.

Major Operating Expenses:

- Electricity and natural gas: \$245,559 up \$18,449 from 2011’s \$227,110
- Eighteen tons of chlorine used in disinfection process: \$14,220
- None tons of sulfur dioxide used in the disinfection process: \$8,640
- 165 pounds of polymer used in solids processing: \$22,638
- CEPT study used 34 totes of ferric chloride (\$38,148) and \$3,000 of nonionic polymer

Discharge Permit Violations:

- January
 - Monthly maximum average BOD (mg/L) concentration
 - DCBM (mg/L) daily maximum and monthly average
- February
 - DCBM (mg/L) monthly average
- March
 - One weekly average BOD (lb/day) loading
 - Three weekly average fecal coliforms.
- April
 - One weekly average BOD (mg/L) concentration.
 - Monthly average BOD (mg/L) concentration
 - Monthly average BOD (lb/day) loading.
 - Four weekly fecal coliform geometric means.
 - Five daily maximum ammonia (mg/L) concentrations.
 - Three daily maximum ammonia (lb/day) loadings.
 - Monthly maximum ammonia average (mg/L) concentration.
 - Monthly maximum ammonia average (lb/day) loading.
- July
 - DCBM (mg/L) daily maximum and monthly average.
 - Daily maximum ammonia (mg/L) concentration.
- August
 - DCBM (mg/L) daily maximum and monthly average.
- October
 - Monthly maximum ammonia average (mg/L) concentration.

F. Government Buildings

Significant activities performed by Government Buildings in addition to ongoing custodial and routine maintenance include:

- Aquatic Center – repaired air intake fan
- Aquatic Center – new control for the pool unit
- ERD – updated lighting
- M&O – updated lighting
- Transit – updated lighting
- Transit – new split AC units: Control Room / Computer Room
- Fire Station No. 1 – roof repair
- Fire Station No. 2 – roof repair
- Rental houses - installed new AC unit in the Hathaway house

5A

WATER FACILITIES INVENTORY (WFI) FORM

Quarter: 1

Updated: 12/22/2011

Printed: 3/25/2013

WFI Printed For: On-Demand

Submission Reason: Pop/Connect

ONE FORM PER SYSTEM

RETURN TO: Eastern Regional Office, 16201 E Indiana, Suite 1500, Spokane Valley, WA, 99216



1. SYSTEM ID NO.	2. SYSTEM NAME	3. COUNTY	4. GROUP	5. TYPE
69880 V	PULLMAN WATER DEPARTMENT, CITY OF	WHITMAN	A	Comm

6. PRIMARY CONTACT NAME & MAILING ADDRESS	7. OWNER NAME & MAILING ADDRESS	8. Owner Number 004718
ART GARRO [M&O SUPT] 325 SE PARADISE ST PULLMAN, WA 99163	PULLMAN, CITY OF ART GARRO 325 SE PARADISE ST PULLMAN, WA 99163-0249	TITLE: M&O SUPT
STREET ADDRESS IF DIFFERENT FROM ABOVE	STREET ADDRESS IF DIFFERENT FROM	
ATTN ADDRESS CITY STATE ZIP	ATTN ADDRESS CITY STATE ZIP	

9. 24 HOUR PRIMARY CONTACT INFORMATION	10. OWNER CONTACT INFORMATION
Primary Contact Daytime Phone: (509) 338-3238	Owner Daytime Phone: (509) 338-3238
Primary Contact Mobile/Cell Phone: (509) 432-4382	Owner Mobile/Cell Phone: (509) 432-4382
Primary Contact Evening Phone: (xxx) xxx-xxxx	Owner Evening Phone: (xxx) xxx-xxxx
Fax: (509) 332-8487 E-mail: XXXXXX	Owner Fax Phone: E-mail: XXXXXX

WAC 246-290-420(9) requires that water systems provide 24-hour contact information for emergencies.

11. SATELLITE MANAGEMENT AGENCY - SMA (check only one)
<input checked="" type="checkbox"/> Not applicable (Skip to #12) <input type="checkbox"/> Owned and Managed SMA NAME: _____ SMA Number: _____ <input type="checkbox"/> Managed Only <input type="checkbox"/> Owned Only

12. WATER SYSTEM CHARACTERISTICS (mark all that apply)
<input type="checkbox"/> Agricultural <input checked="" type="checkbox"/> Commercial / Business <input type="checkbox"/> Day Care <input checked="" type="checkbox"/> Food Service/Food Permit <input type="checkbox"/> 1,000 or more person event for 2 or more days per year <input type="checkbox"/> Hospital/Clinic <input type="checkbox"/> Industrial <input type="checkbox"/> Licensed Residential Facility <input checked="" type="checkbox"/> Lodging <input type="checkbox"/> Recreational / RV Park <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> School <input type="checkbox"/> Temporary Farm Worker <input checked="" type="checkbox"/> Other (church, fire station, etc.): _____

13. WATER SYSTEM OWNERSHIP (mark only one)	14. STORAGE CAPACITY (gallons)
<input type="checkbox"/> Association <input checked="" type="checkbox"/> City / Town <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Investor <input type="checkbox"/> Private <input type="checkbox"/> Special District <input type="checkbox"/> State	7,300,000

- SEE NEXT PAGE FOR A COMPLETE LIST OF SOURCES -

WATER FACILITIES INVENTORY (WFI) FORM - Continued

1. SYSTEM ID NO.		2. SYSTEM NAME						3. COUNTY				4. GROUP		5. TYPE														
69880 V		PULLMAN WATER DEPARTMENT, CITY OF						WHITMAN				A		Comm														
15 Source Number	16 SOURCE NAME	17 INTERTIE	18 SOURCE CATEGORY						19 USE		20 TREATMENT			21 DEPTH		22 CAPACITY		23 SOURCE LOCATION										
	LIST UTILITY'S NAME FOR SOURCE AND WELL TAG ID NUMBER. Example: WELL #1 XYZ456 IF SOURCE IS PURCHASED OR INTERTIED, LIST SELLER'S NAME Example: SFATTIE	INTERTIE SYSTEM ID NUMBER	WELL	WELL FIELD	WELL IN A WELL	SPRING	SPRING IN	SPRING FIELD	SEA WATER	SURFACE WATER	RANNEY / INF.	OTHER	PERMANENT	SEASONAL	EMERGENCY	SOURCE METERED	NONE	CHLORINATION	FILTRATION	FLUORIDATION	IRRADIATION (UV)	OTHER	DEPTH TO FIRST OPEN INTERVAL IN FEET	CAPACITY (GALLONS PER MINUTE)	1/4, 1/4 SECTION	SECTION NUMBER	TOWNSHIP	RANGE
S01	InAct 12/22/1995 Well #1		X											X			X						150	150	NW NW	05	14N	45E
S02	InAct 01/01/1970 Well #2 - AEH235		X											X	Y		X						213	285	SW SW	32	15N	45E
S03	Well #3 - AEH233		X											X	Y		X						160	1200	NW NW	05	14N	45E
S04	Well #4 - AEH236		X											X	Y		X						930	779	SW SW	32	15N	45E
S05	Well #5		X											X	Y		X						712	1664	SE NE	07	14N	45E
S06	Well #6 - AEH234		X											X	Y		X						560	600	NE NW	32	15N	45E
S07	93200Q/WSU	93200 Q												X			X						0				00N	00E
S08	Well #7		X											X	Y		X						718	1800	SW SW	32	15N	45E
S09	Well #8 - BAN158		X											X	Y		X						296	1800	SW NW	05	14N	45E

WATER FACILITIES INVENTORY (WFI) FORM - Continued

1. SYSTEM ID 69880 V	2. SYSTEM NAME PULLMAN WATER DEPARTMENT, CITY OF	3. COUNTY WHITMAN	4. GROUP A	5. TYPE Comm
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	ACTIVE SERVICE CONNECTIONS	DOH USE ONLY! CALCULATED ACTIVE CONNECTIONS	DOH USE ONLY! APPROVED CONNECTIONS
25. SINGLE FAMILY RESIDENCES (How many of the following do you have?)	0	10713	Unspecified
A. Full Time Single Family Residences (Occupied 180 days or more per year)	3459		
B. Part Time Single Family Residences (Occupied less than 180 days per year)	0		
26. MULTI-FAMILY RESIDENTIAL BUILDINGS (How many of the following do you have?)			
A. Apartment Buildings, condos, duplexes, barracks, dorms	1006		
B. Full Time Residential Units in the Apartments, Condos, Duplexes, Dorms that are occupied more than 180 days/year	7254		
C. Part Time Residential Units in the Apartments, Condos, Duplexes, Dorms that are occupied less than 180 days/year	0		
27. NON-RESIDENTIAL CONNECTIONS (How many of the following do you have?)			
A. Recreational Services and/or Transient Accommodations (Campsites, RV sites, hotel/motel/overnight units)	0	0	
B. Institutional, Commercial/Business, School, Day Care, Industrial Services, etc.	547	547	
28. TOTAL SERVICE CONNECTIONS		11260	

29. FULL-TIME RESIDENTIAL POPULATION	
A. How many residents are served by this system 180 or more days per	<u>24749</u>

30. PART-TIME RESIDENTIAL POPULATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A. How many part-time residents are present each month?												
B. How many days per month are they present?												

31. TEMPORARY & TRANSIENT USERS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A. How many total visitors, attendees, travelers, campers, patients or customers have access to the water system each month?												
B. How many days per month is water accessible to the public?												

32. REGULAR NON-RESIDENTIAL USERS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A. If you have schools, daycares, or businesses connected to your water system, how many students daycare children and/or employees are present each month?												
B. How many days per month are they present?												

33. ROUTINE COLIFORM SCHEDULE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	25	25	25	25	25	25	25	25	25	25	25	25

35. Reason for Submitting WFI:

Update - Change
 Update - No Change
 Inactivate
 Re-Activate
 Name Change
 New System
 Other _____

36. I certify that the information stated on this WFI form is correct to the best of my knowledge.

SIGNATURE: _____

DATE: _____

PRINT NAME: _____

TITLE: _____

<u>WS ID</u>	<u>WS Name</u>
69880	PULLMAN WATER DEPARTMENT, CITY OF

Total WFI Printed: 1