

**CITY OF LOGAN
RESOLUTION 14-21**

**A RESOLUTION REVIEWING THE
MUNICIPAL WASTEWATER PLANNING PROGRAM REPORT**

WHEREAS, the City of Logan operates a municipal wastewater collection and treatment system; and

WHEREAS, the State of Utah requires municipal wastewater systems to review their operations annually and submit a planning program report.

NOW THEREFORE, BE IT RESOLVED by the Logan Municipal Council, that:

- The Municipal Council has reviewed the attached Municipal Planning Program Report for 2013.
- The Municipal Council has taken all appropriate actions necessary to maintain effluent requirements contained in the UPDES Permit.

PASSED BY THE LOGAN MUNICIPAL COUNCIL, STATE OF UTAH, THIS
_____ DAY OF APRIL, 2014.

AYES:
NAYS:
ABSENT:

Karl B. Ward, Chairman

ATTEST:

Teresa Harris, City Recorder

STATE OF UTAH

MUNICIPAL WASTEWATER PLANNING PROGRAM

SELF-ASSESSMENT REPORT

FOR

LOGAN

2013



Municipal Wastewater Planning Program (MWPP) Financial Evaluation Section

Owner Name: LOGAN

Name and Title of Contact Person:

Richard Anderson

290 North 100 West Logan 84321

Phone: (435) 716-9180

E-mail: richard.anderson@loganutah.org

PLEASE SUBMIT TO STATE BY: March 1, 2014

Mail to: MWPP - Department of Environmental Quality
c/o Paul Krauth, P.E.
Division of Water Quality
195 North 1950 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870
Phone : (801) 536-4346

NOTE: This questionnaire has been compiled for your benefit by a state sponsored task force comprised of representatives of local government and service districts. It is designed to assist you in making an evaluation of your wastewater system and financial planning. Please answer questions as accurately as possible to give you the best evaluation of your facility. If you need assistance please call, Emily Cantón. Utah Division of Water Quality: (801) 536-4342.

I. Definitions: The following terms and definitions may help you complete the worksheets and questionnaire:

User Charge (UC) - A fee established for one or more class(es) of users of the wastewater treatment facilities that generate revenues to pay for costs of the system.

Operation and Maintenance Expense - Expenditures incurred for materials, labor, utilities, and other items necessary for managing and maintaining the facility to achieve or maintain the capacity and performance for which it was designed and constructed.

Repair and Replacement Cost - Expenditures incurred during the useful life of the treatment works for obtaining and installing equipment, accessories, and/or appurtenances necessary to maintain the existing capacity and the performance for which the facility was designed and constructed.

Capital Needs - Cost to construct, upgrade or improve the facility.

Capital Improvement Reserve Account - A reserve established to accumulate funds for construction and/or replacement of treatment facilities, collection lines or other capital improvement needs.

Reserve for Debt Service - A reserve for bond repayment as may be defined in accordance with terms of a bond indenture.

Current Debt Service - Interest and principal costs for debt payable this year.

Repair and Replacement Sinking Fund - A fund to accumulate funds for repairs and maintenance to fixed assets not normally included in operation expenses and for replacement costs (defined above).

Part III: GENERAL QUESTIONS

Complete the following table:

Question	Points Earned	Total
Is the wastewater treatment fund a separate enterprise fund/account or district?	YES = 0 points NO = 25 points	0
Are you collecting 95% or more of your sewer billings?	YES = 0 points NO = 25 points	0
Is there a review, at least annually, of user fees?	YES = 0 points NO = 25 points	0
Are bond reserve requirements being met if applicable?	YES = 0 points NO = 25 points	0
TOTAL PART III =		0

Part IV: PROJECTED NEEDS

Estimate as best you can the following:

Cost of projected capital improvements (in thousands)	2014	2015	2016	2017	2018
	1 million	9 million	5 million	30 million	30 million

Point Summation

Fill in the values from Parts I through III in the blanks provided in column 1. Add the numbers to determine the MWPP point total that reflects your present financial position for meeting your wastewater needs.

Part	Points
I	0
II	0
III	0
Total	0

Part I: OPERATION AND MAINTENANCE

Complete the following table:

Question	Points Earned	Total
Are revenues sufficient to cover operation, maintenance, and repair & replacement (OM&R) costs <u>at this time</u> ?	YES = 0 points NO = 25 points	0
Are the projected revenues sufficient to cover operation, maintenance, and repair & replacement (OM&R) costs for the <u>next five years</u> ?	YES = 0 points NO = 25 points	0
Does the facility have sufficient staff to ensure proper O&M?	YES = 0 points NO = 25 points	0
Has a dedicated sinking fund been established to provide for repair & replacement costs?	YES = 0 points NO = 25 points	0
Is the repair & replacement sinking fund adequate to meet anticipated needs?	YES = 0 points NO = 25 points	0
TOTAL PART I =		0

Part II: CAPITAL IMPROVEMENTS

Complete the following table:

Question	Points Earned	Total
Are present revenues collected sufficient to cover all costs and provide funding for capital improvements?	YES = 0 points NO = 25 points	0
Are projected funding sources sufficient to cover all projected capital improvement costs for the <u>next five years</u> ?	YES = 0 points NO = 25 points	0
Are projected funding sources sufficient to cover all projected capital improvement costs for the <u>next ten years</u> ?	YES = 0 points NO = 25 points	0
Are projected funding sources sufficient to cover all projected capital improvement costs for the <u>next twenty years</u> ?	YES = 0 points NO = 25 points	0
Has a dedicated sinking fund been established to provide for future capital improvements?	YES = 0 points NO = 25 points	0
TOTAL PART II =		0

Municipal Wastewater Planning Program (MWPP) Discharging Lagoon Facility Section

Owner Name: LOGAN

Name and Title of Contact Person:

JAMES HARPS

153 North 1400 West Logan

Phone: (435) 716-9797

E-mail: jim.harps@loganutah.org

PLEASE SUBMIT TO STATE BY: March 1, 2014

Mail to: MWPP - Department of Environmental Quality
c/o Paul Krauth, P.E.
Division of Water Quality
195 North 1950 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870
Phone : (801) 536-4346

Form completed by

Jim HARPS

Part I: INFLUENT INFORMATION

- A. Please update (if needed) the average design flow and average design BOD₅ and TSS loading for your facility.

	Average Design Flow (MGD)	Average Design BOD ₅ Loading (lbs/day)	Average Design TSS Loading (lbs/day)
Design Criteria	19.3	21,310	21,310
90% of the Design Criteria	17.4	19,179	19,179

- B. Please list the average monthly flows in millions of gallons per day (MGD) and BOD₅ and TSS loadings in milligrams per liter (mg/L) **received** at your facility during 2013. (Calculate the BOD₅ and TSS loadings in pounds per day (lbs/day)).

Month	(1) Average Monthly Flow (MGD)	(2) Average Monthly BOD ₅ Concentration (mg/L)	(3) Average BOD ₅ Loading (lbs/day) 1	(4) Average Monthly TSS Concentration (mg/L)	(5) Average TSS Loading (lbs/day) 2
January	9.2	158	12,123	149	11,448
February	9.6	176	14,067	144	11,529
March	11.7	113	11,026	103	10,050
April	10.4	156	13,166	159	13,351
May	13.8	141.4	16,274	141.2	16,251
June	16.1	49	6646	67	8929
July	15.7	85	11,103	106.8	13,984
August	14.0	86	9983	112	13,077
September	13.1	106	11,526	125	13,657
October	10.6	122	10,802	146	12,906
November	9.0	108	8091	120	9007
December	8.0	178	11,929	235	15,666
Average	11.8	123.2	11,395	134	12,488

1 BOD₅ Loading (3) = Average Monthly Flow (1) x Average Monthly BOD₅ Concentration (2) x 8.34
 2 TSS Loading (5) = Average Monthly Flow (1) x Average Monthly TSS Concentration (4) x 8.34

Part I. INFLUENT INFORMATION (cont.)

C. Refer to the information in A & B to determine a point value for your facility. Please enter the points for each question in the blank provided.

Question	Number	Points Earned	Total Points
How many times did the average monthly flow (Part B., Column 1) to the wastewater facility exceed 90% of design flow?	0	0 = 0 points 1 - 2 = 10 points 3 - 4 = 20 points 5 or more = 30 points	0
How many times did the average monthly flow (Part B., Column 1) to the wastewater facility exceed the design flow?	0	0 = 0 points 1 - 2 = 20 points 3 - 4 = 40 points 5 or more = 60 points	0
How many times did the average monthly BOD ₅ loading (Part B., Column 3) to the wastewater facility exceed 90% of the design loading?	0	0-1 = 0 points 1 - 2 = 10 points 3 - 4 = 20 points 5 or more = 30 points	0
How many times did the average monthly BOD ₅ loading (Part B., Column 3) to the wastewater facility exceed the design loading?	0	0 = 0 points 1 - 2 = 20 points 3 - 5 = 40 points 5 or more = 60 points	0
TOTAL PART I =			0

Part II: EFFLUENT INFORMATION

A. Please list the average monthly BOD₅, TSS, Ammonia (NH₃), monthly maximum Cl₂, minimum monthly DO, and 30-day geometric averages for Fecal and Total Coliform or E-Coli, produced by your facility during 2013.

Month	(1) BOD ₅ (mg/L)	(2) TSS (mg/L)	(3) Fecal Coliform (#/100 mL)	(4) Total Coliform (#/100 mL)	(5) E-Coli	(6) Cl ₂ (mg/L)	(7) DO (mg/L)	(8) NH ₃ (mg/L)
	Whole Numbers Only					One Decimal Place Only		
January	6	5	—	—	1	—	5.3	10.8
February	4	6	—	—	2	—	4.7	10.9
March	15	13	—	—	1	—	5.0	2.9
April	9	17	—	—	1	—	4.8	2.1
May	6	7	—	—	4	—	5.0	3.8
June	3	4	—	—	1	—	4.9	2.9
July	NO Discharge	—	—	—	9	—	—	—
August	NO Discharge	—	—	—	5	—	—	—
September	NO Discharge	—	—	—	1	—	—	—
October	3	8	—	—	6	—	4.4	1.9
November	3	3	—	—	29	—	4.7	0.1
December	3	4	—	—	3	—	4.6	5.9
Average	6	7	—	—	5	—	4.8	4.6

B. Please list the monthly average permit limits for the facility in the blanks below.

	BOD ₅ (CBOD ₅) (mg/L)	maximum Cl ₂ (mg/L)	NH ₃ (mg/L)				minimum DO (mg/L)
Monthly Permit Limit	25	—	W	SP	SW	Fall	4.0
			14.9	11.9	9.1	11.2	
80% of the Permit Limit	20	—	11.5	9.5	7.3	8.9	4.8

Part II: EFFLUENT INFORMATION (cont.)

C. Refer to the information in A & B and your operating reports to determine a point values for your facility.

Question	Number	Points Earned	Total Points
How many months did the effluent BOD ₅ (CBOD ₅) exceed 80% of monthly permit limit?	0	0 - 1 = 0 points 2 = 5 points 3 = 10 points 4 = 15 points 5 or more = 20 points	0
How many months did the effluent BOD ₅ (CBOD ₅) exceed the monthly permit limits?	0	0 = 0 points 1 - 2 = 10 points 3 or more = 20 points	0
How many months did the effluent TSS exceed 20 mg/L?	0	0 - 1 = 0 points 2 = 5 points 3 = 10 points 4 = 15 points 5 or more = 20 points	0
How many months did the effluent TSS exceed 25 mg/L?	0	0 = 0 points 1 - 2 = 10 points 3 or more = 20 points	0
How many times did the Cl ₂ exceed permit limit?	—	0 = 0 points 1 - 2 = 15 points 3 or more = 30 points	—
How many times did the NH ₃ exceed permit limits?	0	0 = 0 points 1 - 2 = 15 points 3 or more = 30 points	0
How many times did the DO not meet permit limit?	0	0 = 0 points 1 - 2 = 15 points 3 or more = 30 points	0
How many months did the 30-day fecal coliform exceed 200 #/100 mL?	—	0 = 0 points 1 - 2 = 10 points 3 or more = 20 points	—
How many months did the 30-day total coliform exceed 2,000 #/100 mL?	—	0 = 0 points 1 - 2 = 10 points 3 or more = 20 points	—
How many months did the 30-day E-coli exceed 126 #/100 mL?	0	0 = 0 points 1 - 2 = 20 points 3 or more = 40 points	0
TOTAL PART II =			0

Part III: FACILITY AGE

In what year were the following process units constructed or underwent a major upgrade?
To determine a point score subtract the construction or upgrade year from 2013.

Points = Age = Present Year - Construction or Upgrade Year.

Enter the calculated age below.

If the point total exceeds 20 points, enter only 20 points

Unit Process	Present Year	Construction or Upgrade Year	Age = Points
Headworks	2013	1988	20
Lagoons (including aeration)	2013	1988	20
Disinfection	2013	2007	7
TOTAL PART III (not greater than 20) =			20

Part IV: BYPASSES

Please complete the following table:

Question	Number	Points Earned	Total Points
How many days in the past year was there a bypass or overflow of untreated wastewater due to high flows?	0	0 = 0 points 1 = 5 points 2 = 10 points 3 = 15 points 4 = 20 points 5 or more = 25 points	0
How many days in the last year was there a bypass or overflow of untreated wastewater due to equipment failure?	0	0 = 0 points 1 = 5 points 2 = 10 points 3 = 15 points 4 = 20 points 5 or more = 25 points	0
TOTAL PART IV =			0

Part V: NEW DEVELOPMENT

A. Please complete the following table:

Question	Points Earned	Total Points
Has an industry (or other development) moved into the community or expanded production in the past two years, such that either flow or wastewater loadings to the sewerage system were significantly increased (10 - 20%)?	No = 0 points Yes = 10 points	0
Are there any major new developments (industrial, commercial, or residential) anticipated in the next 2- 3 years, such that either flow or BOD ₅ loadings to the sewerage system could significantly increase (25%)?	No = 0 points Yes = 10 points	0
Have you experienced any upset due to septage haulers?	No = 0 points Yes = 10 points	0
TOTAL PART V = V		0

B. Approximate number of new residential sewer connections in the last year

309 new residential connections

C. Approximate number of new commercial/industrial connections in the last year

30 new commercial/industrial connections

D. Approximate number of new population serviced in the last year

1080 new people served

Part VI: OPERATOR CERTIFICATION

A. How many treatment system operators are currently employed by your facility?

3 treatment system operators employed

B. What is/are the name(s) of your DRC operator(s)?

JAMES HARPS

Issa HAMUD

C. You are required to have the DRC operator(s) certified at GRADE II.

What is the current grade of the DRC operator(s)? II

D. State of Utah Administrative Rules require all operators considered to be in DRC to be appropriately certified. List all the operators in your system by their certification class.

Not Certified Alexandra Rasband

Small Lagoons _____

Treatment I _____

Treatment II JAMES HARPS, Issa Hamud, Tim Lindsay

Treatment III _____

Treatment IV _____

E. Please complete the following table:

Question	Points Earned	Total Points
Is/are your DRC operator(s) currently certified at the appropriate grade for this facility? (see C)	Yes = 0 points No = 50 points	0
How many continuing education units has each of the DRC operator(s) completed over the last 3 years?	3 or more = 0 points less than 3 = 10 points	0
TOTAL PART-VII = VI		0

Part VII: FACILITY MAINTENANCE

A. Please complete the following table:

Question	Points Earned	Total Points
Do you follow an annual preventative maintenance program?	Yes = 0 points No = 30 points	0
Is it written?	Yes = 0 points No = 20 points	0
Do you have a written emergency response plan?	Yes = 0 points No = 20 points	0
Do you have an updated operations and maintenance manual	Yes = 0 points No = 20 points	0
Do you have a written safety plan?	Yes = 0 points No = 20 points	0
TOTAL PART VIII = VII		0

Part VIII: SUBJECTIVE EVALUATION

This section should be completed with the facility operators.

A. Do you consider your wastewater facility to be in good physical and structural condition?

YES NO

If NOT, why?

B. What improvements do you think the plant will need in the next 5 years?

We will be doing full facility upgrade in the next 5 years to address new limits for phosphorus and ammonia.

Part VIII: SUBJECTIVE EVALUATION (cont.)

C. Where there any backups into basements at any point in the collection system in 2013.

YES NO

Why? (do not include backups due to clogged laterals)

A couch cushion was stuffed into a
manhole and caused the closest lines to
back up.

D. Does the municipality/district pay for the continuing education expenses of operators?

ALWAYS SOMETIMES NO

If so, what percentage do they pay?

approximately 100 %

E. Is there a written policy regarding continuing education and training for wastewater operators?

YES NO

F. Have you done any major repairs or mechanical equipment replacement in 2013? (do not include construction or upgrade projects)

YES NO

G. What was the approximate cost for those repairs or replacements?

\$ 8000.00

Point Summation

Fill in the values from Parts I through VII in the blanks provided in column 1. Add the numbers to determine the MWPP point total that your wastewater facility has generated for the past twelve months.

Part	Points
I	0
II	0
III	20
IV	0
V	0
VI	0
VII	0
Total	20

Municipal Wastewater Planning Program (MWPP) Collection System Section

Owner Name: LOGAN

Name and Title of Contact Person:

JASON HAMBLIN
WASTEWATER CREW CHIEF

Phone: 435-716-9620

E-mail: jason.hamblin@loganutah.org

PLEASE SUBMIT TO STATE BY: March 1, 2014

Mail to: MWPP - Department of Environmental Quality
c/o Paul Krauth, P.E.
Division of Water Quality
195 North 1950 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870
Phone : (801) 536-4346

Form completed by

Keri Moya

Part I: SYSTEM AGE

A. What year was your collection system first constructed (approximately)?

Year Pre 1920

B. What is the oldest part of your present system?

Oldest part 94 years

Part II: BYPASSES

A. Please complete the following table:

Question	Number	Points Earned	Total Points
How many days last year was there a bypass, overflow or basement flooding by untreated wastewater in the system due to rain or snowmelt?	0	0 times = 0 points 1 time = 5 points 2 times = 10 points 3 times = 15 points 4 times = 20 points 5 or more = 25 points	0
How many days last year was there a bypass, overflow or basement flooding by untreated wastewater due to equipment failure? (except plugged laterals)	1	0 times = 0 points 1 time = 5 points 2 times = 10 points 3 times = 15 points 4 times = 20 points 5 or more = 25 points	5
TOTAL PART II =			5

B. The Utah Sewer Management Program defines sanitary sewer overflows into two classes:

Number of Class 1 SSOs in Calendar year 2013 0

Number of Class 2 SSOs in Calendar year 2013 1

Class 1- a Significant SSO means a SSO or backup that is not caused by a private lateral obstruction or problem that:

- (a) effects more than five private structures;
- (b) affects one or more public, commercial or industrial structure(s);
- (c) may result in a public health risk to the general public;
- (d) has a spill volume that exceeds 5,000 gallons, excluding those in single private structures; or
- (e) discharges to Waters of the state.

Class 2 – a Non-Significant SSO means a SSO or backup that is not caused by a private lateral obstruction or problem that does not meet the Class 1 SSO criteria.

Part II: BYPASSES (cont.)

- C. Please specify whether the bypass(es) was caused a contract or tributary communities, etc.

It was caused by someone trying to cause
damage to our system. They put the cushion
down a manhole to cause problems

Part III: NEW DEVELOPMENT

- A. Please complete the following table:

Question	Points Earned	Total Points
Has an industry (or other development) moved into the community or expanded production in the past two years, such that either flow or wastewater loadings to the sewerage system were significantly increased (10 - 20%)?	No = 0 points Yes = 10 points	Ø
Are there any major new developments (industrial, commercial, or residential) anticipated in the next 2- 3 years, such that either flow or BOD ₅ loadings to the sewerage system could significantly increase (25%)?	No = 0 points Yes = 10 points	Ø
TOTAL PART III =		Ø

- B. Approximate number of new residential sewer connections in the last year

90 new residential connections

- C. Approximate number of new commercial/industrial connections in the last year

12 new commercial/industrial connections

- D. Approximate number of new population serviced in the last year

270 new people served

Part IV: OPERATOR CERTIFICATION

A. How many collection system operators are currently employed by your facility?

6 collection system operators employed

B. What is/are the name(s) of your DRC operator(s)?

Michael Roundy, Bill Young, Jason Hamblin,
Lance Houser

C. You are required to have the collection DRC operator(s) certified at **Grade III**

What is the current grade of the DRC operator(s)? III & IV

D. State of Utah Administrative Rules require all operators considered to be in DRC to be appropriately certified. List all the operators in your system by their certification class. *See Attached listing of all operators and their certifications.*

Not Certified _____

Small Lagoons _____

Collection I _____

Collection II _____

Collection III _____

Collection IV _____

E. Please complete the following table:

Question	Points Earned	Total Points
Is/are your DRC operator(s) currently certified at the appropriate grade for this facility? (see C)	Yes = 0 points No = 50 points	0
How many continuing education units has each of the DRC operator(s) completed over the last 3 years?	3 or more = 0 points less than 3 = 10 points	0
TOTAL PART IV =		0

Part V: FACILITY MAINTENANCE

A. Please complete the following table:

Question	Points Earned	Total Points
Do you follow an annual preventative maintenance program?	Yes = 0 points No = 30 points	Ø
Is it written?	Yes = 0 points No = 20 points	Ø
Do you have a written emergency response plan?	Yes = 0 points No = 20 points	Ø
Do you have an updated operations and maintenance manual	Yes = 0 points No = 20 points	Ø
Do you have a written safety plan?	Yes = 0 points No = 20 points	Ø
TOTAL PART V =		Ø

Part VI: SUBJECTIVE EVALUATION

This section should be with the system operators.

A. Has your system completed it's the Utah Sewer Management Program.

Yes X NO _____

B. Describe the physical condition of the sewer collection system: (lift stations, etc. included)

Our system is old but well maintained. We are in the process of rebuilding two (2) lift stations and recently upgraded another one.

C. What sewerage system improvements does the community have under consideration for the next 10 years?

Completion of the Smithfield lift station and the Country Manor lift station. Growth may require installation of the 400 West gravity collection system.

Part VI: SUBJECTIVE EVALUATION (cont.)

D. Explain what problems, other than plugging have you experienced over the last year

Root infiltration and old piping.

E. Is your community presently involved in formal planning for system expansion/upgrading? If so explain.

Our WW Collection Master Plan provides our framework for planning improvements. We also cooperate with the WW Citizens Advisory Board

F. Has your system completed it's *System Evaluation and Capacity Assurance Plan* As defined by the Utah Sewer Management Program.

Yes X NO _____

G. Does the municipality/district pay for the continuing education expenses of operators?

ALWAYS X SOMETIMES _____ NO _____

If they do, what percentage is paid?

approximately 100 %

H. Is there a written policy regarding continuing education and training for wastewater operators?

YES X NO _____

POINT SUMMATION

Fill in the values from Parts II through V in the blanks provided in column 1. Add the numbers to determine the MWPP point total that your wastewater facility has generated for the past twelve months.

Part	Points
II	5
III	0
IV	0
V	0
Total	5

WasteWater Systems and Employees

System Name	System Location	System Information				System ID	Contract Out?
LOGAN	LOGAN CITY ENVIRONMENTAL	Classification	Grade	System Type	97	No	
	DEPT	COLLECTION	III	MUNICIPAL			
	153 N 1400 W BLDG A LOGAN, UT 84321-	TREATMENT	II	MUNICIPAL			
Employee	Operator?	Classification	Grade	Certificate Exp Dt	Certification Type	DRC	Job Desc
KYLE G. BAIRD	Y	COLLECTION	III	2014	RESTRICTED	N	PRETREATMENT INSPECTOR
	Y	TREATMENT	II	2015	RESTRICTED	N	PRETREATMENT INSPECTOR
JUSTIN DEWAYNE BODRERO	Y	COLLECTION	II	2014	RESTRICTED	N	EQUIPEMENT OPERATOR
KOLBY DAVID CHRISTIANSEN	Y	COLLECTION	II	2016	RESTRICTED	N	EQUIPMENT OPERATOR
JAY R. CURTIS	Y					Y	OPERATIONS FOREMAN
STEVEN M. DAINES	Y	COLLECTION	II	2016	RESTRICTED	N	PUBLIC WORKS INSTPECTOR
THOMAS L. DICKINSON	Y	COLLECTION	III	2015	RESTRICTED	N	STORMWATER INSPECTOR
SHAY DOWNS	Y					N	EQUIPMENT OPERATOR
BART CARL DUCE	Y	TREATMENT	II	2015	UNRESTRICTED	N	EQUIPMENT OPERATOR
	Y	COLLECTION	II	2016	UNRESTRICTED	N	EQUIPMENT OPERATOR
THOMAS DOUGLASS EAMES	Y	TREATMENT	I	2015	UNRESTRICTED	N	EQUIPMENT OPERATOR
	Y	COLLECTION	III	2016	RESTRICTED	N	EQUIPMENT OPERATOR
ANDREW THOMAS EAMES	Y	COLLECTION	II	2016	RESTRICTED	N	EQUIPMENT OPERATOR
STEPHEN ELIASON	Y					N	PUBLIC WORKS INSPECTOR
KASEY CHAD ERICKSON	Y	COLLECTION	III	2014	UNRESTRICTED	N	CREW CHIEF
ANTONIO (INACTIVE) R. ESCARE	Y					N	
CHRIS (INACTIVE) JOHNSON GAF	Y					N	WELL TECHNICIAN
JASON BENJAMIN HAMBLIN	Y	COLLECTION	IV	2016	UNRESTRICTED	N	WATER / WW CREW CHIEF
ISSA A. HAMUD	Y					Y	ENVIRONMENTAL DIRECTOR
LOAY R. HANSEN	Y	COLLECTION	II	2015	UNRESTRICTED	N	EQ OPERATOR
JAMES H. HARPS	Y	COLLECTION	III	2014	RESTRICTED	N	PERMITS & ANALYSIS MGR
	Y	TREATMENT	II	2014	UNRESTRICTED	N	PERMITS & ANALYSIS MGR
KELLY D. HIGBEE	Y	COLLECTION	III	2015	UNRESTRICTED	N	PUBLIC WORKS INSPECTOR
LANCE ERIC HOUSER	Y	COLLECTION	IV	2016	UNRESTRICTED	Y	ASST. CITY ENGINEER
	Y	TREATMENT	III	2016	RESTRICTED	Y	ASST. CITY ENGINEER
JESSE REED HYER	Y					N	EQUIPMENT OPERATOR
JAMES QUINN JOHNSON	Y	COLLECTION	III	2014	RESTRICTED	N	CREW CHIEF
	Y	TREATMENT	I	2015	UNRESTRICTED	N	CREW CHIEF
BRAD L. JONES	Y	COLLECTION	III	2015	RESTRICTED	N	PRETREATMENT INSPECTOR
	Y	TREATMENT	II	2016	UNRESTRICTED	N	PRETREATMENT INSPECTOR
PAUL WILLIAM LINDHARDT	Y	COLLECTION	IV	2016	RESTRICTED	N	STAFF ENGINEER
TIM BRYAN LINDSAY	Y					N	WWTP OPERATOR
JUSTIN GARY MAUGHAN	Y	COLLECTION	IV	2016	RESTRICTED	N	PUBLIC WORKS ENGINEER
HERBERT "LYNN" MAYS	Y	COLLECTION	III	2015	UNRESTRICTED	N	EQUIPMENT OPERATOR
LYNN (INACTIVE) A. MILLER	Y					N	
JOHN M. NEWBOLD	Y					N	PRETREATMENT INSPECTOR
MARK RUSSELL NIELSEN	Y	TREATMENT	II	2015	UNRESTRICTED	N	PUBLIC WORKS DIRECTOR
	Y	COLLECTION	III	2015	UNRESTRICTED	N	PUBLIC WORKS DIRECTOR
JED ARNOLD OLSON	Y	COLLECTION	III	2014	RESTRICTED	N	EQUIPMENT OPERATOR
H. BRIAN PATTEE	Y	COLLECTION	III	2014	UNRESTRICTED	Y	CROSS CONN CONTROL INSP

WasteWater Systems and Employees

System Name	System Location		System Information				System ID	Contract Out?
H. BRIAN PATTEE	Y	TREATMENT	II	2014	UNRESTRICTED	Y	CROSS CONN CONTROL INSP	
MATTHEW MAURER PAYNE	Y					N	WATER/WASTEWATER MANAGER	
SHANE FRANK PERKINS	Y	COLLECTION	II	2016	UNRESTRICTED	N	W / WW CREW CHIEF	
JEREMIE B. POPPLETON	Y	COLLECTION	II	2016	UNRESTRICTED	N	EQUIPMENT OPERATOR	
JARED (INACTIVE) C. PRATT	Y					N		
STEPHEN C. RAYMOND	Y	COLLECTION	II	2014	RESTRICTED	N	EQUIP OPERATOR (W&WW)	
RYAN L. ROHLER	Y	COLLECTION	II	2016	RESTRICTED	N	EQUIPMENT OPERATOR	
K. (NO CERT) REED ROMNEY	Y					N	EQUIPMENT OPERATOR I	
MICHAEL PAUL ROUNDY	Y	COLLECTION	IV	2016	UNRESTRICTED	Y	Water Waste Water Division Manager	
KURTIS MERLIN SAUNDERS	Y	TREATMENT	I	2015	UNRESTRICTED	N	FOREMAN	
	Y	COLLECTION	III	2016	RESTRICTED	N	FOREMAN	
MICHAEL JOHN STAPLEY	Y	COLLECTION	III	2016	RESTRICTED	N	EQUIPMENT OPERATOR	
MATTHEW (NO CERT) TROTT	Y					N	EQUIPMENT OPERATOR	
WILLIAM MORRIS YOUNG	Y	COLLECTION	IV	2014	RESTRICTED	N	CITY ENGINEER	
	Y	TREATMENT	II	2014	RESTRICTED	N	CITY ENGINEER	

