



State of Utah

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Department of  
Environmental Quality

Amanda Smith  
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DIVISION OF WATER QUALITY  
Walter L. Baker, P.E.  
Director

MAR 16 2015

Mr. Corby Talbot  
South Salt Lake  
220 East Morris Avenue  
South Salt Lake, Utah 84115

Subject: Municipal Wastewater Planning Program Annual Report for 2014

Dear Mr. Talbot;

It's is that time of year again. The Annual Municipal Wastewater Planning Program Report is due May 1, 2015. As a reminder completing the MWPP meets the reporting requirements of the new Utah Sanitary Sewer Management Program. Additionally this survey allows The State of Utah to identify and solve potential problems before they become serious and costly. In order to do this, we need to know the current condition of your wastewater facilities.

There are three major benefits to returning these forms:

1. Meets the REQUIRED reporting under Utah Sanitary Sewer Management Program
2. Completing these forms give your community additional points on the Utah Wastewater Project Priority List/System. The Priority List is used to allocate funds under the wastewater grant and loan programs.
3. Operator(s) completing these forms will be given operational continuing educational units (CEUs) for each form returned.

If you need assistance on completing these forms, please email me at [pkrauth@utah.gov](mailto:pkrauth@utah.gov),

Sincerely,

Paul Krauth, P.E.  
Outreach Coordinator  
Division of Water Quality

# STATE OF UTAH

## *MUNICIPAL WASTEWATER PLANNING PROGRAM*

### SELF-ASSESSMENT REPORT

FOR

SOUTH SALT LAKE

2014



Resolution Number \_\_\_\_\_

**MUNICIPAL WASTEWATER PLANNING PROGRAM RESOLUTION**

RESOLVED that **SOUTH SALT LAKE** informs the Water Quality Board the following actions were taken by the **CITY COUNCIL**

1. Reviewed the attached Municipal Wastewater Planning Program Report for 2014.
2. Have taken all appropriate actions necessary to maintain effluent requirements contained in the UPDES Permit (If Applicable).

Passed by a (majority) (unanimous) vote on

\_\_\_\_\_  
(date)

\_\_\_\_\_  
Mayor/Chairman

\_\_\_\_\_  
Attest:

\_\_\_\_\_  
Recorder/Clerk

# Municipal Wastewater Planning Program (MWPP) Collection System Section

Owner Name: SOUTH SALT LAKE

Name and Title of Contact Person:

Dennis Pay, P.E.  
Public Works Director/SSLC

Phone:

801 483-6038

E-mail:

Dpay@SSLC.com

**PLEASE SUBMIT TO STATE BY: May 1, 2015**

Mail to: MWPP - Department of Environmental Quality  
Division of Water Quality  
195 North 1950 West  
P.O. Box 144870  
Salt Lake City, Utah 84114-4870  
Phone : (801) 536-4300

Form completed by

Corby Talbot

**Part I: SYSTEM AGE**

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

Year 1939

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

Oldest part 75 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?	<u>0</u>	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	<u>0</u>
How many days last year was there a bypass, overflow or basement flooding by untreated wastewater due to equipment failure? (except plugged laterals)	<u>0</u>	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	<u>0</u>
<b>TOTAL PART II =</b>			<u>0</u>

B. The Utah Sewer Management Program defines sanitary sewer overflows into two classes. Below include the number of SSOs that occurred in 2014:

Number of Class 1 SSOs in Calendar year 2014 0

Number of Class 2 SSOs in Calendar year 2014 0

*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 SSOs were caused a contract or tributary community, etc.

N/A

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**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	0
Are there any major new developments (industrial, commercial, or residential) anticipated in the next 2-3 years, such that either flow or BOD <sub>5</sub> loadings to the sewerage system could significantly increase (25%)?	No = 0 points Yes = 10 points	0
<b>TOTAL PART III =</b>		0

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

4 new residential connections

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

2 new commercial/industrial connections

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

12 new people served

**Part IV: OPERATOR CERTIFICATION**

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

2 collection system operators employed

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

Corby Talbot  
Tory Laws

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)? II

grade II

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

Not Certified \_\_\_\_\_  
 Small Lagoons \_\_\_\_\_  
 Collection I \_\_\_\_\_  
 Collection II Corby Talbot / Tory Laws.  
 Collection III \_\_\_\_\_  
 Collection IV Corby Talbot

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
<b>TOTAL PART IV =</b>		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	<del>0</del>
Is it written?	Yes = 0 points No = 20 points	<del>0</del>
Do you have a written emergency response plan?	Yes = 0 points No = 20 points	<del>0</del>
Do you have an updated operations and maintenance manual	Yes = 0 points No = 20 points	<del>0</del>
Do you have a written safety plan?	Yes = 0 points No = 20 points	20
<b>TOTAL PART V =</b>		20

## Part VI: SSMP EVALUATION

- A. Has your system completed its Sewer System Management Plan (SSMP)?  
 Yes   X   NO \_\_\_\_\_
- B. If the SSMP has been completed then has the SSMP been public noticed?  
 No   X   Yes, included date of public notice \_\_\_\_\_
- C. Has the SSMP been approved by the permittee's governing body at a public meeting?  
 Yes \_\_\_\_\_ NO   X
- D. During the annual assessment of the operation and maintenance plan were any adjustments needed based on the performance of the plan?  
 No   X   If yes, what components of the plan were changed (i.e. line cleaning, CCTV inspections and manhole inspections and/or SSO events)

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**Part VI: SSMP EVALUATION (cont.)**

E. During 2014 was any part of the SSMP audited as part of the five year audit?

No   X  

If yes, what part of the SSMP was audited and were changed made to the SSMP as a result of the audit? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

F. Has your system completed its *System Evaluation and Capacity Assurance Plan* (SECAP) as defined by the Utah Sewer Management Program?

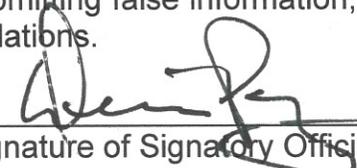
Yes   X        NO \_\_\_\_\_

The following are required completion dates that the SSMP and SECAP based on population. The SSMP and SECAP must be public noticed and approved by the permittee's governing body in order to be considered complete.

Program	Population				
	< 2,000	2,000 - 3,500	3,501 – 15,000	15,001 – 50,000	> 50,000
SSMP	3-31-16	3-31-16	9-30-15	3-31-15	9-30-14
SECAP	Optional	9-30-17	9-30-16	3-31-16	9-30-15

**SSMP Signatory Requirement**

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 the 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.

  
 \_\_\_\_\_  
 Signature of Signatory Official

  3/30/2015    
 Date

  Dennis Pay    
 Print Name of Signatory Official

  Public Works Director    
 Title

The signatory official is the person authorized to sign permit documents, per R317-8-3.4.

Part VII: SUBJECTIVE EVALUATION

This section should be with the system operators.

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

60.1. Clay pipe - in fair condition.  
40.1. Plastic pipe - in good condition.  
3 pump Stations - all in fair/good condition.

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

Lining of gravity trunk line on 2700 S. West Temple - 600 W.  
Multiple capacity problems fixed.

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

Some SCADA problems with notification of problems with pump stations.  
The problem has been rectified

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

Just finished sewer master plan.  
Looking at an upgrade system to meet future demands.

- E. 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  %



# Municipal Wastewater Planning Program (MWPP) Financial Evaluation Section

Owner Name: *SOUTH SALT LAKE*

Name and Title of Financial Contact Person:

*Dennis Day, P.E.*  
*Director - Public Works.*

Phone:

*801.483.6038*

E-mail:

*Dday@SSLC.com*

**PLEASE SUBMIT TO STATE BY: May 1, 2015**

Mail to: MWPP - Department of Environmental Quality  
Division of Water Quality  
195 North 1950 West  
P.O. Box 144870  
Salt Lake City, Utah 84114-4870  
Phone : (801) 536-4300

*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 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 <b><u>at this time?</u></b>	YES = 0 points NO = 25 points	25
Are the projected revenues sufficient to cover operation, maintenance, and repair & replacement (OM&R) costs for the <b><u>next five years?</u></b>	YES = 0 points NO = 25 points	25
Does the facility have sufficient staff to ensure proper O&M?	YES = 0 points NO = 25 points	25
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	25
<b>TOTAL PART I =</b>		<b>100</b>

## 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	25
Are projected funding sources sufficient to cover all projected capital improvement costs for the <b><u>next five years?</u></b>	YES = 0 points NO = 25 points	25
Are projected funding sources sufficient to cover all projected capital improvement costs for the <b><u>next ten years?</u></b>	YES = 0 points NO = 25 points	25
Are projected funding sources sufficient to cover all projected capital improvement costs for the <b><u>next twenty years?</u></b>	YES = 0 points NO = 25 points	25
Has a dedicated sinking fund been established to provide for future capital improvements?	YES = 0 points NO = 25 points	25
<b>TOTAL PART II =</b>		<b>125</b>

**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 <b>95%</b> 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	25
Are bond reserve requirements being met if applicable?	YES = 0 points NO = 25 points	0
<b>TOTAL PART III =</b>		<b>25</b>

**Part IV: PROJECTED NEEDS**

Estimate as best you can the following:

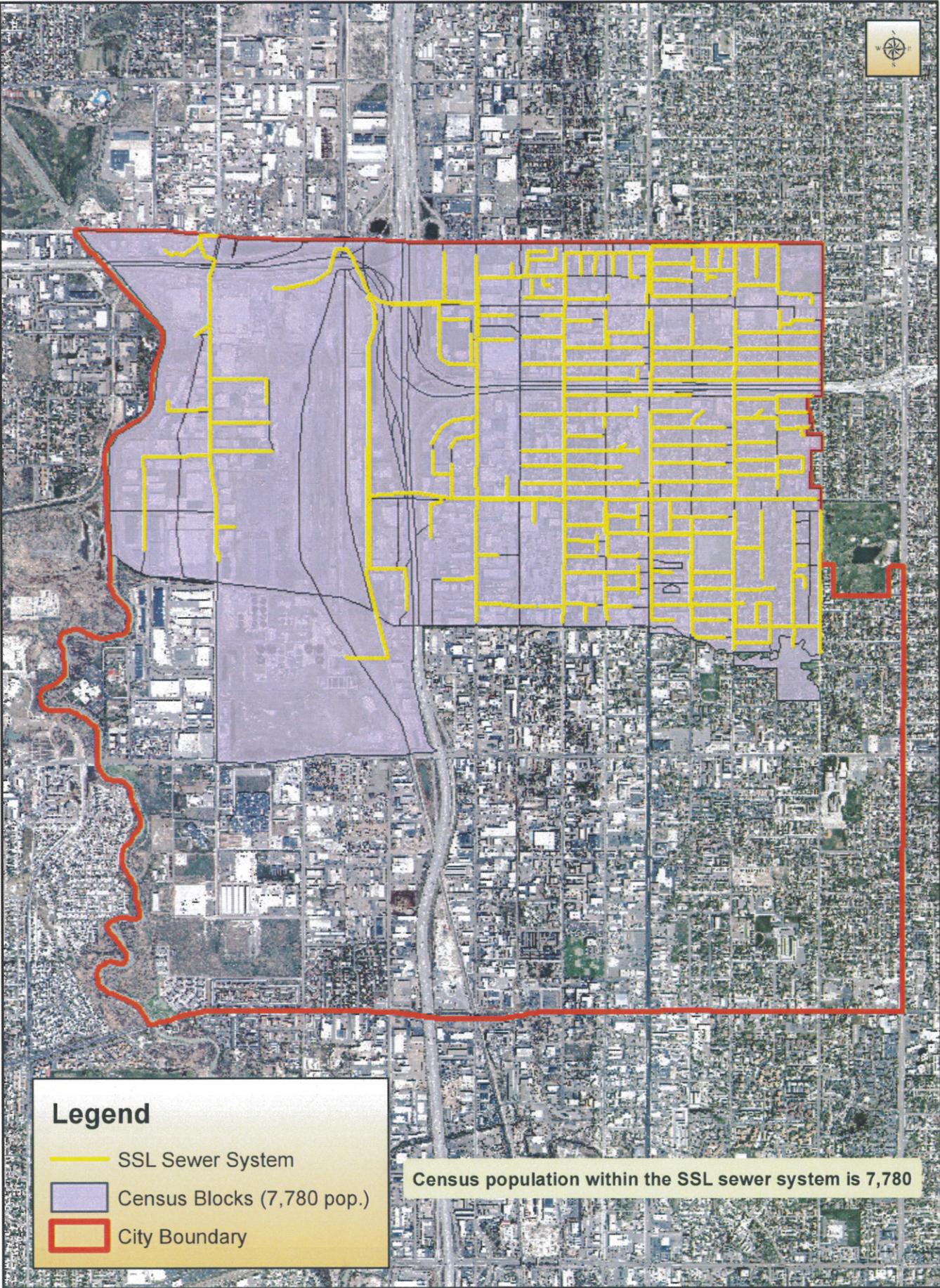
Cost of projected capital improvements (in thousands)	2015	2016	2017	2018	2019
	242,000	500,000	700,000	500,000	500,000

**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	100
II	125
III	25
Total	250

# South Salt Lake City Sewer System Population



## Legend

- SSL Sewer System
- Census Blocks (7,780 pop.)
- City Boundary

Census population within the SSL sewer system is 7,780