

**AGENDA**  
**SAND SPRINGS/SAPULPA JOINT BOARD MEETING**

Interlocal Cooperation Agreement  
Tuesday, January 21, 2020 at 1:30 p.m.

***Regular Meeting***

Sand Springs Public Works Administration Building  
13101 W. 46<sup>th</sup> Street  
Conference Room 106A  
Sand Springs, Oklahoma 74063

1. Call to Order
2. Roll Call
3. Minutes

Consider approval of the minutes of the October 15, 2019 Regular Joint Board meeting.

4. BUSINESS

A. There Are No Known Business Items Requiring Action Of Trustees.

5. STAFF REPORTS - Items A. thru E. for (Discussion Only, No Action Required).

A. Discuss the Corps of Engineers Skiatook Lake Maintenance Work in progress; and status of the Corps Long Range Maintenance Plans.

B. Discuss PSO Notice of Outages of Service – January 2022 thru May 2023.

C. Discuss the Bid/Construction Status for the second One-Way Surge Tank.

D. Discuss Plans for Cathodic Protection Anode Installations.

E. Skiatook Raw Water Conveyance System (SRWCS) Status Report of January 3, 2019 by Tetra Tech.

6. ADJOURNMENT – (The next meeting is scheduled for April 21, 2020 at 1:30 p.m. in Sapulpa).

This agenda was posted at \_\_\_\_\_ p.m. on January 15, 2020 on the entrance window located in the old Fire Station No. 1 South of the Sand Springs Municipal Building, 100 East Broadway, Sand Springs, Oklahoma 74063, by Janice Almy, City Clerk, City of Sand Springs, Oklahoma.

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Janice Almy, City Clerk, City of Sand Springs, Oklahoma

*Posted: 2:30 pm*  
*January 15, 2020*  
*By: Shirley Burju, City Clerk*

## MINUTES

### SAND SPRINGS/SAPULPA JOINT BOARD

Interlocal Cooperation Agreement

Tuesday, October 15, 2019 at 1:30 P.M.

Regular Meeting

Sand Springs Public Works Administration Building – Conference Room 106A

13101 W. 46<sup>th</sup> Street

Sand Springs, Oklahoma 74063

**MEMBERS PRESENT:** Patty Dixon, City of Sand Springs  
Lou Martin, City of Sapulpa  
James Spoon, City of Sand Springs at 1:40 P.M.  
Elizabeth Gray, City of Sand Springs until 1:40 P.M.

**OTHERS PRESENT:** Elizabeth Gray, City of Sand Springs  
Derek Campbell, City of Sand Springs  
David Weatherford, Sand Springs City Attorney  
Frank Weigle, City of Sand Springs  
Robert Pettit, City of Sapulpa  
Rick Sauer, Tetra Tech

The Sand Springs/Sapulpa Joint Board met in regular session on Tuesday, October 15, 2019 at 1:30 p.m. in the Sand Springs Public Works Administration Building pursuant to the agenda filed with the City Clerk's office and posted October 10, 2019 on the window located in the first floor entrance of the Sand Springs Former Fire Station No. 1 located south of the Sand Springs Municipal Building, 100 East Broadway, Sand Springs, Oklahoma 74063.

1. **Call to Order**

Vice-Chairman Dixon called the meeting to order at the noted time of 1:30 p.m.

2. **Roll Call**

Ms. Dixon called for an individual roll call with members replying in the following manner:

Mr. Martin, here; Ms. Gray, here; Ms. Dixon, here.

3. **Minutes**

A. Approval was requested for the minutes of the July 16, 2019 Regular Joint Board Meeting.

A motion was made by Ms. Gray and seconded by Mr. Martin to approve the Minutes of the July 16, 2019 Sand Springs/Sapulpa Regular Joint Board Meeting.

Ms. Dixon called for the vote recorded as follows:

Mr. Martin, aye; Ms. Gray, aye; Ms. Dixon, aye.

4. **Business**

- A. Discuss and consider approval of the 2020 calendar year Schedule of Regular Meetings for the Sand Springs/Sapulpa Joint Board.

A motion was made by Ms. Gray and seconded by Mr. Martin to approve the 2020 calendar year Schedule of Regular Meetings for the Sand Springs/Sapulpa Joint Board as presented.

Ms. Dixon called for the vote recorded as follows:

Mr. Martin, aye; Ms. Gray, aye; Ms. Dixon, aye.

- B. Discuss and consider recommendation to respective Municipal Authorities for approval of Sand Springs Resolution No. M20-04 and a similar Sapulpa Municipal Authority Resolution, Resolutions Authorizing The Acquisition Of New Easements, The Amendment of Existing Easements, And The Settlement Of Claims Related To The Acquisition Of Property.

A motion was made by Mr. Martin and seconded by Ms. Dixon to recommend that the respective Municipal Authorities consider approval of the subject Resolutions Authorizing The Acquisition Of New Easements, The Amendment of Existing Easements, And The Settlement Of Claims Related To the Acquisition Of Property.

Mr. Spoon called for the vote recorded as follows:

Mr. Martin, aye; Ms. Dixon, aye; Mr. Spoon, aye.

- C. Discuss and consider recommendation to respective Municipal Authorities approval of Sand Springs Municipal Authority Resolution No. M20-07 and a similar Sapulpa Municipal Authority Resolution, Resolutions Approving Amendment No. 2 To An Engineering Contract (Second One-Way Surge Tank), Authorizing Bid Of The Project, Authorizing An Award Of Contract If Within Budget, Authorizing Payment And Authorizing Signature Of All Related Documents.

A motion was made by Ms. Dixon and seconded by Mr. Martin to recommend that the respective Municipal Authorities consider approval of the subject Resolutions Approving Amendment No. 2 To An Engineering Contract (Second One-Way Surge Tank), Authorizing Bid Of The Project, Authorizing An Award Of Contract If Within Budget, Authorizing Payment And Authorizing Signature Of All Related Documents.

Mr. Spoon called for the vote recorded as follows:

Ms. Dixon, aye; Mr. Martin, aye; Mr. Spoon, aye.

5. Staff Reports

A. 2019 Peak Power Period. (No Action Required).

B. The Skiatook Raw Water Conveyance System (SRWCS) Status Report of October 4, 2019 by Tetra Tech. (No Action Required).

6. Adjournment – 2:05 P.M. (motion Ms. Dixon, second Mr. Martin)  
Motion carried unanimously - Mr. Martin, Ms. Dixon, Mr. Spoon.

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Chairman



TETRA TECH

TO: Mr. Derek Campbell, City of Sand Springs

FROM: Rick Sauer

RE: **SKIATOOK RAW WATER CONVEYANCE SYSTEM  
DECEMBER 2019 STATUS REPORT**

DATE: January 8, 2020

GENERAL:

This report will cover the status of the Skiatook Raw Water Conveyance System from December 1, 2019, through December 31, 2019. The average water usage rate for Sand Springs during the month of December was 3.16 MGD (includes golf course, if any). The average water usage rate for Sapulpa during the month of December was 2.39 MGD. The total average water usage rate for the system during December was 5.55 MGD. (See the attached sheets for more detail.) The meter reading data reflects water usage from the beginning of the project through December 2019. The latest graph shows the water usage from February 2005 through December 2019. The electrical allocation print-out for the billing month of December is included within the attachments.

PERIOD IN REVIEW:

Tetra Tech (Tt) personnel continued to monitor and conduct routine maintenance on the entire system. There were no after-hours emergency call-out during the month of December 2019.

In addition to many routine maintenance tasks, Tetra Tech personnel performed the following during this period:

1. Addressed 2 locate tickets associated with the SRWCS system, assisted the Owners' personnel with marking the system alignment when warranted, and reported potential conflicts to the Owners' representatives as necessary.
2. Shermco Technicians completed annual pump motors insulation resistance testing on the 5<sup>th</sup>. Semi-annual vibration analysis completed on the 6<sup>th</sup>. All 4 motors appear to be operating within industry parameters.
3. Operator will contact Corpro personnel to schedule anode upgrade at vault #28 within Craig Sutton property. We were unable to contact Mr. Sutton earlier to request access permission in October when performing up-grades to other vaults.

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4. Operator addressed #3 pump motor oil leak at the lower bearing temperature sensor connection. Appears to be corrected at this time.
5. Operator placed remainder of topsoil pile in various low areas throughout the station site.
6. Filled subsided areas at vault #'s 7 and 13 which were a result of anode upgrade excavations, backfill, and settling after rain events.
7. Operator re-secured the coax near the top of the station communication tower.
8. Tetra Tech office received notice from right-of-way property owner Craig Sutton on September 20, 2010. He owns property from Station 328+99 to 384+53. He has revoked all trespass rights across his property to access structures which include Air Relief Valve #s 26, 27, 30, and 32; 36" Butterfly Valve #28; and 12" Blow-off Valve #29. Operator met with Mr. Sutton on September 27, 2010, in an attempt to resolve issue; however, Mr. Sutton requests monetary compensation to grant access to right-of-way structures. Operator replied that he has no authority to approve monetary compensation on behalf of the municipalities. An 'on-site' meeting including Mr. Sutton, Mr. Weigle, GMA Construction, and Mr. Sauer was conducted on March 1, 2012. The Municipalities and Mr. Sutton are currently working on an agreement to allow operator and contractors to access right-of-way for maintenance purposes.

**EMERGENCY REPAIRS SRWCS 2019:**

T-G Excavating continues to be on "standby" for any emergency line repairs.

**SS GOLF COURSE WATERLINE:**

The golf course meter reflected usage of ~~-0-~~ gallons for the month of December 2019. The usage readings, if any, are included in Sand Springs' average water usage rate as reported in paragraph one of this report.

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MAINTENANCE ISSUES:

Operations considers corrosion to be one of the most serious issues that could possibly affect the future reliability of the SRWCS system. Priority corrosion concerns involve the system surge arrester, the uncoated A.R.V.s, flanged outlets along the system, and the vault piping that doesn't meet standards to be considered cathodically protected. Operations will continue to gather trending data from the vault piping test stations in an effort to monitor for and report corrosion concerns associated with these areas of the system. Following the 2018 cathodic survey of vault piping by Corrpro, Tt forwarded the Corrpro report with recommendations attached, to the Owners' representatives for their consideration.

Operations recommends annual removal of unwanted growth along the SRWCS easement by utilizing brush hog until a different means of removal becomes available.

MISCELLANEOUS:

The Skiatook Lake normal elevation is 714.00 feet at the top of the conservation pool. As of 12:00 p.m. midnight, December 31, 2019, the lake elevation was recorded at 714.60 feet.

LAKE LEVEL IS 0.60 feet ABOVE NORMAL

Tt FEE STATUS

PERCENT EXPENDED FROM BUDGET

<u>INVOICE</u> <u>MONTH</u>	<u>CONTRACT</u> <u>TIME</u>	<u>OPER. &amp;</u> <u>MAINT.</u>	<u>DIRECT</u> <u>EXPENSE</u>	<u>REPAIR</u> <u>&amp; REHAB</u>	<u>80 TRI-ANNUAL</u> <u>SHUTDOWN</u>
December 2019	49.0%	47.7%	22.0%	0%	0%

Attachments  
RS/lv//tk

cc:

Mr. Frank Weigle, City of Sand Springs, w/att.  
Mr. Robert Petitt, City of Sapulpa, w/att.

# Skiato Raw Water Conveyance System

Allocation of Electric Costs

Billing Period: December 2019

January 3, 2020

	Maximum 30 Minute Water Demand			Monthly Water Usage ( Gallons )			Metered KW Capacity ( KWH )		
	<u>Sand Springs</u>	<u>Sapulpa</u>	<u>Total</u>	<u>Sand Springs</u>	<u>Sapulpa</u>	<u>Total</u>	<u>Sand Springs</u>	<u>Sapulpa</u>	<u>Total</u>
December 2019	3,156,265	2,391,689	5,547,954	97,844,211	74,142,352	171,986,563	156.62	118.68	275.3
November 2019	3,142,802	2,408,614	5,551,416	94,284,056	72,258,432	166,542,488	155.85	119.45	275.3
October 2019	3,042,649	2,211,211	5,253,859	94,322,104	68,547,538	162,869,642	159.43	115.87	275.3
September 2019	3,551,887	2,562,204	6,114,091	106,556,620	76,866,110	183,422,730	173.99	125.51	299.5
August 2019	3,680,705	2,538,186	6,218,891	114,101,856	78,683,772	192,785,628	181.05	124.85	305.9
July 2019	3,838,456	2,804,940	6,643,396	118,992,124	86,953,148	205,945,272	173.05	126.45	299.5
June 2019	3,427,500	2,844,567	6,272,067	102,825,000	85,337,000	188,162,000	164.73	136.71	301.44
May 2019	3,114,226	2,587,419	5,701,645	96,541,000	80,210,000	176,751,000	150.37	124.93	275.3
April 2019	3,017,586	2,622,523	5,640,109	90,527,575	78,675,680	169,203,255	147.29	128.01	275.3
March 2019	1,638,874	1,440,821	3,079,695	50,805,085	44,665,460	95,470,545	146.50	128.80	275.3
February 2019	3,120,351	2,484,528	5,604,879	87,369,823	69,566,792	156,936,615	153.27	122.03	275.3
January 2019	3,258,232	2,567,694	5,825,926	101,005,177	79,598,528	180,603,705	153.97	121.33	275.3

	<u>Sand Springs</u>	<u>Sapulpa</u>	<u>Total</u>
ENERGY CHARGE	\$4,157,7930	\$3,150,8360	\$7,308,6290
ON PEAK CHARGE	\$830,7270	\$572,8630	\$1,403,5900
OFF PEAK CHARGE	\$1,114,0600	\$742,7000	\$1,856,7600
CUSTOMER CHARGE	\$159,2100	\$106,1400	\$265,3500

**Total \$6,261.79 \$4,572.54 \$10,834.33**

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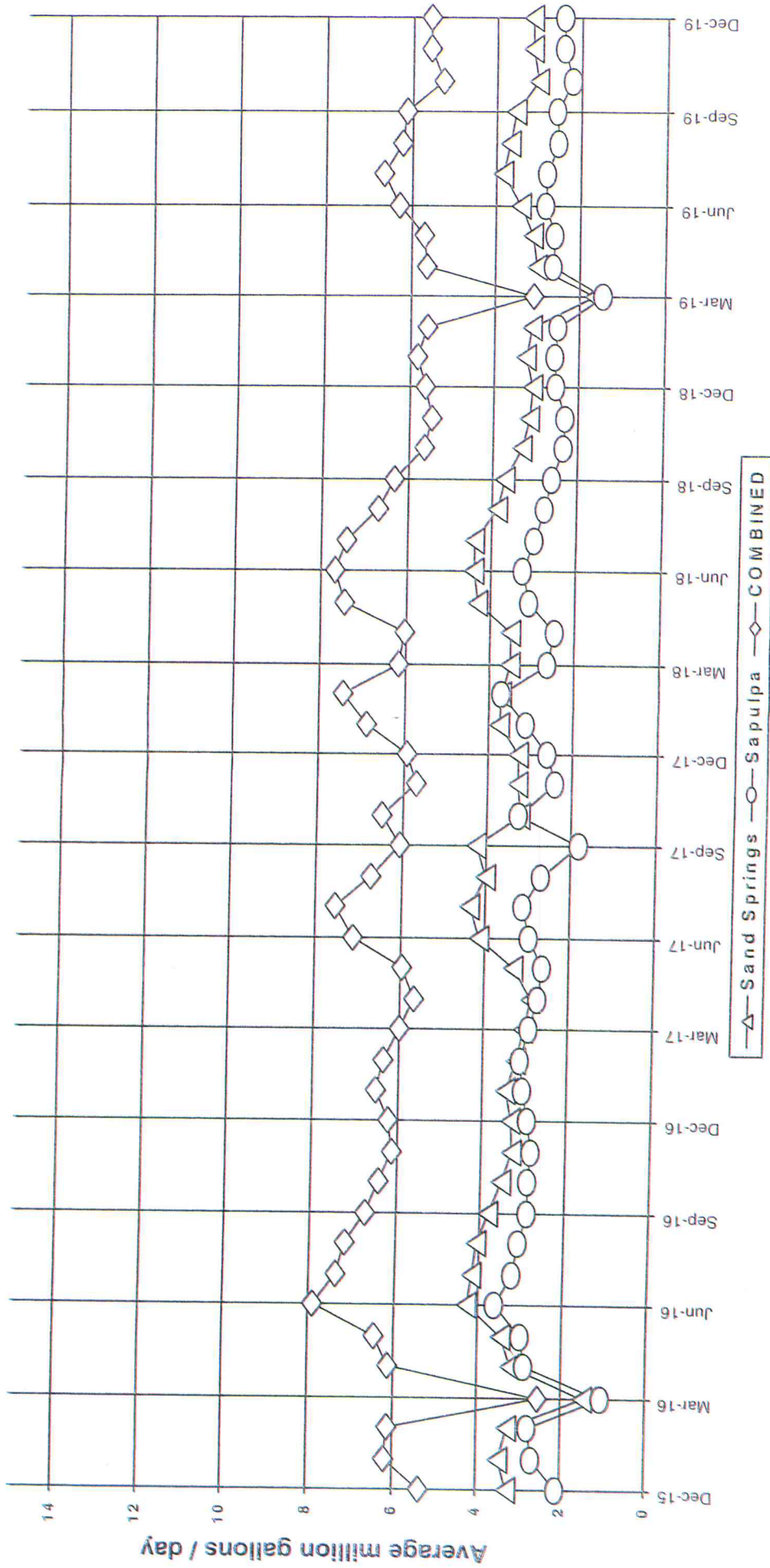


# SRWCS WATER USAGE

## SAND SPRINGS - SAPULPA

.020

Millions



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