



Agenda

CITY CLERK'S OFFICE

DATE 8/5/14

TIME 10:00

SERVED BY Alan Hook

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Santa Fe River Commission Agenda

Thursday, August 11, 2016 (Round House Room), 6 pm to 8 pm

City Offices at the Market Station Building at the Railyard

500 Market Street, Suite 200, Santa Fe, NM

aghook@santafenm.gov

- 1. ROLL CALL**
- 2. APPROVAL OF AGENDA**
- 3. APPROVAL OF MINUTES FROM JULY 14, 2016**
- 4. Communication from other Agencies/Committees**
- 5. INFORMATION/DISCUSSION/ACTION:**
 - a) Discussion of Living River stream flow releases and monitoring needs
(Dale Doremus, Alan Hook)**
 - b) SUB-COMMITTEE BREAKOUT SESSION –working meeting to update status**
 - **Outdoor Economy**
 - **Promoting a Living River**
 - **Watershed Revitalization**
 - **Species Resiliency**
 - c) Subcommittee Reports**
- 6. MATTERS FROM COMMISSIONERS**
- 7. MATTERS FROM STAFF**
- 8. CITIZENS' COMMUNICATION FROM THE FLOOR**
- 9. ADJOURN**

Next Scheduled for the River Commission is September 8, 2016

Captions & Packet Material are due by August 30, 2016

mamcdonald@santafenm.gov , 955-6840

***Persons with disabilities in need of accommodations, contact the City Clerk's office at
(505) 955-6521 five (5) working days prior to the meeting date.***

Santa Fe River Commission
Meeting Index
August 11, 2016

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Call to Order	Chair John Buchser called the meeting of the Santa Fe River Commission to order at 6:11 p.m.	1
Roll Call	A quorum was not established.	1
Approval of the Agenda	<i>This item could not be approved due to lack of quorum.</i>	1
Approval of Minutes from July 14, 2016	<i>This item could not be approved due to lack of quorum.</i>	1
Communication from other Agencies/Committees	Discussion Only	1, 2
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• Outdoor Economy	Discussion Only	
• Promoting a Living River		
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Citizen's Communication From the Floor	Discussion Only	3
Adjourn	<i>There being no further business to come before the Santa Fe River Commission the meeting adjourned at 7:15 p.m.</i>	3
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Santa Fe River Commission
Meeting Minutes-August 11, 2016
500 Market Street Santa Fe, New Mexico
6:00 p.m.-8:00 p.m.

CALL TO ORDER

Chair John Buchser called the meeting of the Santa Fe River Commission to order at 6:11 p.m. at 500 Market Station (Railyard Station), Santa Fe, NM. A quorum was not established.

1. ROLL CALL

Present

John R. Buchser, Chair
Phil Bové, Vice Chair
Jerry Jacobi

Not Present/Excused

Emile Sawyer
Luke Pierpont
F.M. Patomi
Anna Hansen
Zoe Isaacson
Dale Doremus

Others Present

Alan Hook, Santa Fe Water Division-*on behalf of Melissa McDonald*
Andy Otto, Executive Director Santa Fe Watershed Association
David Pike, City of Santa Fe Storm Water Department
Dave Lopez, Grad Student NMSU
Linda Vigil, Stenographer

2. APPROVAL OF THE AGENDA

This item could not be approved due to lack of quorum.

3. APPROVAL OF THE MINUTES FROM July 14, 2016

This item could not be approved due to lack of quorum.

4. COMMUNICATION FROM OTHER AGENCIES/COMMITTEES

Mr. Pike discussed the new program that began with the EPA that is part of the requirement. This cooperative work will save costs by merging entities to share responsibilities. There has been some meetings and the agreement has been drafted but is not final as of yet. Agencies involved in the cooperative effort are the City of Santa Fe, Santa Fe County and NMDOT.

Mr. Pike explained the water quality monitoring that will occur. There will be sampling from ten areas from the watershed and at different weather conditions. Mr. Pike presented maps showing the general area for sampling (See Exhibit A-1 and A-2).

Chair Buchser inquired about the water pumped from the PERA building basement on Paseo de Peralta where there was flooding. Mr. Pike stated he was unaware of it but they may have pumped it into the sanitary area

Mr. Pike discussed the area near a museum where there is some flow to the arroyo and then some to the river. Mr. Bove discussed the area on Alameda Street (*the old phone company*) that used to pump in the river close by.

Mr. Pike discussed the importance of identifying the pollutants and what can be done to reduce overflows. A brief discussion was held about some areas that may have remaining septic tanks.

Mr. Pike states as the program continues he will keep the Commission updated.

5. INFORMATION/DISCUSSION/ACTION:

A.) Discussion of Living River stream flow and monitoring needs

Mr. Hook reported that Ms. McDonald emailed a report earlier. A discussion was held about the TMDL study and the need to get funding to clean up the pollutants.

Mr. Hook discussed the updated Hydrograph and included the more recent information and the Canyon Rd. readings. (Exhibits B-1 and B-2)

Mr. Hook explained the readings and the target flows and how they were affected by events scheduled. Mr. Hook reviewed the maps he posted and explained where the Canyon Road staff gathers the readings.

A brief discussion was held about the agreement with TNC (The Nature's Conservancy) and the readings taken at the gate. Mr. Hook stated there is only enough flow to meet the deliveries to the acequias.

Chair Buchser inquired about the new infrastructure at the plants and how they are adjusting. Mr. Hook states it has gone well. There is discussion about hiring a dam engineering firm to help figure out an old pipe issue. They would like to get the bids in by winter.

Mr. Jacobi discussed his concern with the bypass channel. A brief discussion was held about the sandbags in that area.

Chair Buchser briefly discussed climate change and how it will get harder to meet the obligations for the acequias and then the river. There are parameters and he would like to know what is coming in and going out.

A discussion was held about return flow. Mr. Bove recalls there has never been enough flow to return anything. Mr. Bove discussed the issues with the Acequia Madre downstream near Baca Street when there is flooding.

Mr. Hook suggested the Commission write a letter to the State to ask for better gaging and monitoring.

B.) SUBCOMMITTEE BREAK OUT SESSION-working meeting to update status

This item could not be discussed due to lack of quorum.

C.) SUBCOMMITTEE REPORTS

Subcommittee reports could not be discussed due to lack of quorum.

6. MATTERS FROM COMMISSIONERS

There were no matters from Commissioners.

7. MATTERS FROM STAFF

There were no matters from the Staff.

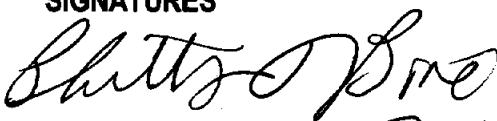
8. CITIZEN'S COMMUNICATION FROM THE FLOOR

There were no matters from the Floor.

9. ADJOURN

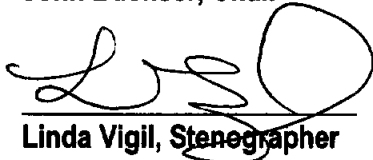
There being no further business to come before the Santa Fe River Commission the meeting adjourned at 7:15 p.m.

SIGNATURES



John Buchser, Chair

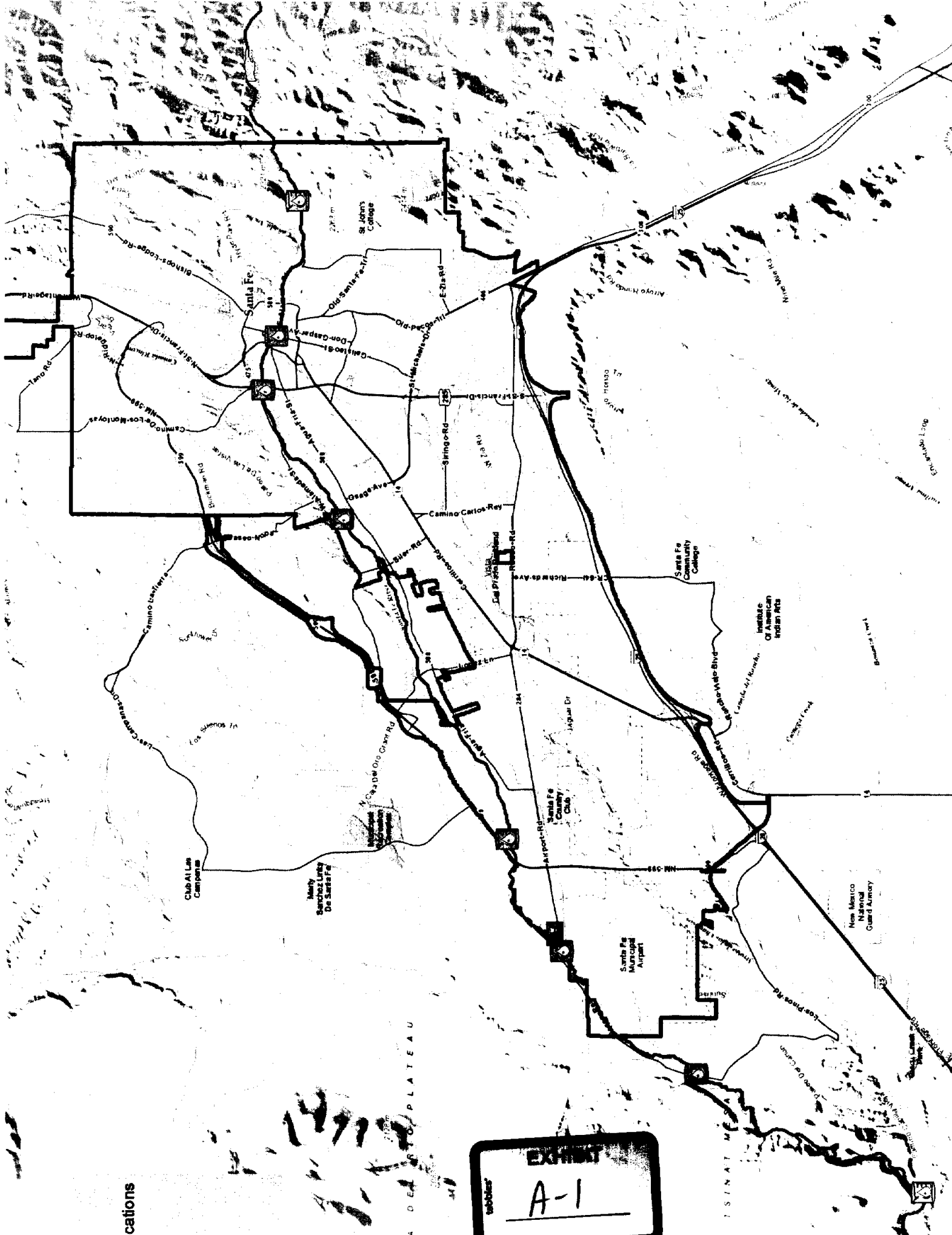
PHILIP J. BOVE, Vice Chair



Linda Vigil, Stenographer

ocations

EXHIBIT
A-1





City of Santa Fe Santa Fe River Surface Sample Locations



Legend

- Santa Fe River Surface Sample Locations
- Sewer Treatment Plant
- Santa Fe River
- Santa Fe Reservoirs
- City Limits



0 0.5 1 Miles

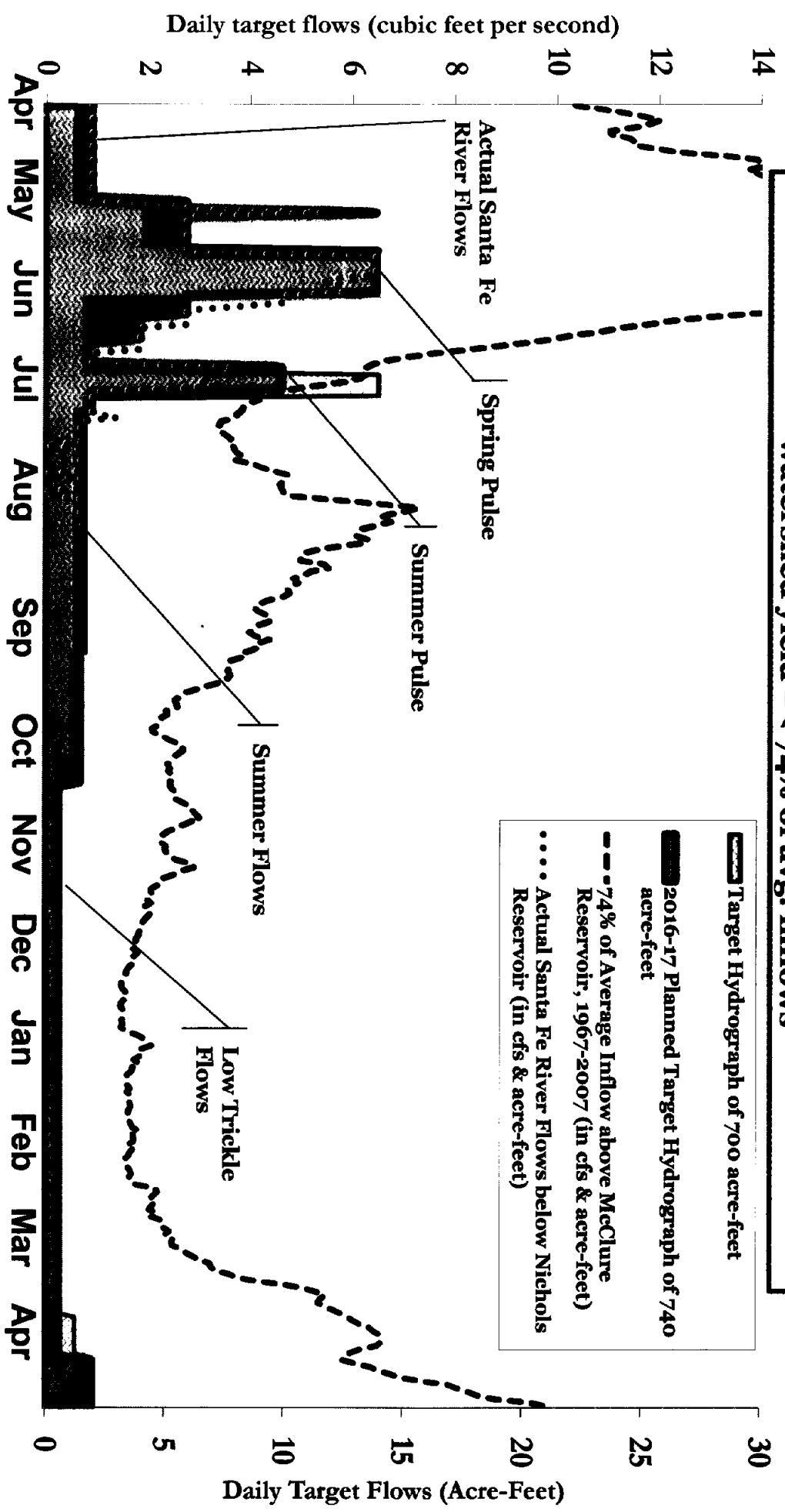
AGUTTGAK 03/04/2013
Copyright System:
MapInfo Professional 10.0
Datum: North American 1983
Units: Feet
The City of Santa Fe is not responsible for the use of these data. Users are solely responsible for ensuring data accuracy when necessary.

Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), and the GIS User Community.

EXHIBIT

A-2

2016-17 PLANNED HYDROGRAPH: 740 af Target Allocation, anticipated watershed yield = < 74% of avg. inflows



WTP Operator Stream Flow Monitoring

Measurements, to be entered daily
 Use gage ratings curve posted to station
 Use gage ratings curve posted to station
 Optional measurements

WTP 24" raw water inflow										SF River at Augusta Meads 24"									
Below Nichols Stream Flow Gage										Filter Plant Flung									
Target Flows										Daily Data: Monthly Volume									
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- = Measurements, to be entered daily
- = Use gage rating curve tables to derive
- = Measurements of the staff gage below
- = Optional discharge measurements, do

Reservoir Discharge	Target Flows	Below Nichols Reservoir Staff Gage Daily Reading
10/1/2017	1000	1000
10/2/2017	1000	1000
10/3/2017	1000	1000
10/4/2017	1000	1000
10/5/2017	1000	1000
10/6/2017	1000	1000
10/7/2017	1000	1000
10/8/2017	1000	1000
10/9/2017	1000	1000
10/10/2017	1000	1000
10/11/2017	1000	1000
10/12/2017	1000	1000
10/13/2017	1000	1000
10/14/2017	1000	1000
10/15/2017	1000	1000
10/16/2017	1000	1000
10/17/2017	1000	1000
10/18/2017	1000	1000
10/19/2017	1000	1000
10/20/2017	1000	1000
10/21/2017	1000	1000
10/22/2017	1000	1000
10/23/2017	1000	1000
10/24/2017	1000	1000
10/25/2017	1000	1000
10/26/2017	1000	1000
10/27/2017	1000	1000
10/28/2017	1000	1000
10/29/2017	1000	1000
10/30/2017	1000	1000
10/31/2017	1000	1000

Volume	Through	Staff Gage @ TNC Restoration Channel
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
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[illegible]

	gpm	md	Hour** measured (round to nearest 1/4 hour)	cfs* (using discharge from Nichols outlet)	cfs	stage height (ft)	Hour** measured (round to nearest 1/4 hour)	cfs (using stream rating curve)	md	af	stage, ft	Hour** measured (round to nearest 1/4 hour)	cfs (using flume rating curve)	stage, 6" flume, ft	stage, 24" flume, ft	Hour** measured (round to nearest 1/4 hour)	cfs (using flume rating curve)	stage, ft	Hour** measured (round to nearest 1/4 hour)	cfs (using flume rating curve)
Date																				
07/01/2016	4879	7.03	4.00	3.200	6.00	?		?	2.1	6.3	1.00	12.50	0.88	0.48	0.00	12.50	0.65	0.00	13.00	0.00
07/02/2016	4454	5.27	9.00	3.700	6.00	?		?	2.4	7.3	1.00	12.50	0.89	0.48	0.00	12.50	0.65	0.00	13.00	0.00
07/03/2016	4432	6.38	?	2.870	5.00	?		?	1.9	5.7	1.00	12.50	0.88	0.48	0.00	12.50	0.65	0.00	13.00	0.00
07/04/2016	4538	6.63	5.00	1.000	1.00	?		?	0.6	2.0	1.00	12.50	0.88	0.48	0.00	12.50	0.65	0.42	13.00	2.30
07/05/2016	4258	6.13	1.25	1.000	1.00	?		?	0.6	2.0	1.00	12.50	0.88	0.44	0.00	12.50	0.65	0.42	13.25	2.09
07/06/2016	4381	6.31	1.00	1.000	1.00	?		?	0.6	2.0	1.00	12.50	0.88	0.40	0.00	9.50	0.48	0.32	9.50	1.37
07/07/2016	4408	6.35	24.00	1.000	1.00	1.04	8.00	0.195	0.6	2.0	0.88	9.00	<0.01	0.40	0.00	7.50	0.48	0.00	7.50	0.00
07/08/2016	4826	6.95	24.00	1.000	1.00	1.06	9.00	0.232	0.6	2.0	0.90	8.50	0.22	0.56	0.00	9.00	0.82	0.00	9.50	0.00
07/09/2016	4987	7.18	24.00	1.000	1.00	1.06	9.00	0.258	0.6	2.0	0.90	8.50	0.22	0.56	0.00	9.00	0.82	0.00	9.50	0.00
07/10/2016	5084	7.28	24.00	1.000	0.75	1.06	9.00	0.258	0.8	2.0	0.44	10.00	<0.01	0.56	0.00	9.00	0.82	0.00	9.50	0.00
07/11/2016	5372	7.74	24.00	1.500	0.75	1.18	8.00	1.08	1.0	3.0	0.00	9.00	0.00	0.38	0.00	7.50	0.45	0.00	7.50	0.00
07/12/2016	5656	8.15	24.00	0.750	0.75	1.08	8.00	0.307	0.5	1.5	0.00	9.50	0.00	0.38	0.00	7.50	0.45	0.00	9.50	0.00
07/13/2016	5649	8.13	24.00	0.750	0.75	1.06	8.00	0.298	0.5	1.5	0.00	9.25	0.00	0.34	0.00	7.50	0.37	0.00	9.50	0.00
07/14/2016	5638	8.12	24.00	0.750	0.75	1.06	8.00	0.298	0.5	1.5	0.00	9.50	0.00	0.34	0.00	7.50	0.37	0.00	9.50	0.00
07/15/2016	5634	8.11	24.00	0.750	0.75	1.06	8.50	0.222	0.5	1.5	0.00	10.00	0.00	0.34	0.00	8.25	0.37	0.00	10.00	0.00
07/16/2016	5649	8.13	24.00	0.750	0.75				0.5	1.5	0.00	10.00	0.00	0.34	0.00	8.25	0.37	0.00	10.00	0.00
07/17/2016	5598	8.06	24.00	0.750	0.75				0.5	1.5	0.00	10.00	0.00	0.34	0.00	8.25	0.37	0.00	10.00	0.00
07/18/2016	5587	8.05	8.50	0.750	0.75	1.08	8.00	0.307	0.5	1.5	0.00	10.00	0.00	0.30	0.00	10.00	0.37	0.00	10.00	0.00
07/19/2016	5592	8.05	24.00	0.000	0.75	1.16	8.00	0.317	0.0	0.0	0.00	9.50	0.00	0.30	0.00	7.50	0.41	0.00	7.50	0.00
07/20/2016	5621	8.09	24.00	0.750	0.75	1.08	8.00	0.307	0.5	1.5	0.00	9.50	0.00	0.36	0.00	7.50	0.41	0.00	7.75	0.00
07/21/2016	5644	8.13	24.00	0.750	0.75	1.08	8.00	0.307	0.5	1.5	0.00	9.50	0.00	0.36	0.00	7.50	0.41	0.00	8.25	0.00
07/22/2016	5712	8.22	24.00	0.750	0.75	1.08	8.00	0.307	0.5	1.5	0.00	9.50	0.00	0.36	0.00	7.50	0.41	0.00	8.25	0.00
07/23/2016	5667	8.16	24.00	0.750	0.75	1.08	8.00	0.307	0.5	1.5	0.00	9.50	0.00	0.36	0.00	7.50	0.41	0.00	9.50	0.00
07/24/2016	5106	7.35	24.00	0.750	0.75	1.08	7.00	0.307	0.5	1.5	0.00	9.50	0.00	0.36	0.00	7.50	0.41	0.00	9.50	0.00
07/25/2016	4285	6.17	24.00	0.750	0.75	1.00	8.00	0.637	0.5	1.5	0.95	6.00	0.55	0.45	0.00	7.00	0.58	0.00	7.50	0.00
07/26/2016	4819	6.94	24.00	0.750	0.75	1.10	8.00	0.412	0.5	1.5	N/D	N/D	0.00	0.38	0.00	7.50	0.45	0.14	9.75	0.00
07/27/2016	5047	7.27	24.00	0.000	0.75	1.08	8.00	0.307	0.0	0.0	N/D	N/D	N/D	0.40	0.00	9.00	0.48	0.00	10.50	0.00
07/28/2016	5108	7.35	24.00	0.750	0.75	1.04	8.00	0.195	0.5	1.5	0.88	9.50	0.08	0.54	0.00	7.50	0.78	0.00	9.50	0.00
07/29/2016	5024	7.24	24.00	0.750	0.75	1.04	8.00	0.195	0.5	1.5	0.00	9.50	0.00	0.30	0.00	7.50	0.31	0.00	9.50	0.00
07/30/2016	5129	7.39	24.00	0.750	0.75	1.00	8.00	0.637	0.5	1.5	0.00	9.50	0.00	0.34	0.00	7.50	0.37	0.00	9.50	0.00
07/31/2016	4769	6.87	24.00	0.750	0.75	1.00	8.00	0.637	0.5	1.5	0.00	9.50	0.00	0.34	0.00	7.50	0.37	0.00	9.50	0.00
08/01/2016	4922	7.09	8.75	0.000	0.75	1.24	8.00	1.748	0.0	0.0	0.00	9.50	0.00	0.34	0.00	7.50	0.37	0.00	9.50	0.00
08/02/2016	4918	7.08	8.50	0.000	0.75	1.24	7.50	1.748	0.0	0.0	0.00	9.75	0.00	0.40	0.00	7.50	0.48	0.42	9.50	2.09
08/03/2016	4316	6.22	24.00	0.750	0.75	0.92	8.00	0.637	0.5	1.5	0.00	9.50	0.00	0.44	0.00	9.50	0.56	0.00	9.50	0.00
08/04/2016	3617	5.17	24.00	0.750	0.75	0.86	8.00	0.637	0.5	1.5	0.00	9.50	0.00	0.36	0.00	9.50	0.41	0.00	9.50	0.00
08/05/2016	4372	6.30	24.00	0.750	0.75	0.86	8.00	0.637	0.5	1.5	0.00	9.50	0.00	0.38	0.00	7.50	0.45	0.00	9.50	0.00
08/06/2016	4886	7.04	24.00	0.750	0.75	1.06	8.75	0.298	0.5	1.5	0.00	10.00	0.00	0.42	0.00	8.50	0.52	0.00	10.50	0.00
08/07/2016	3956	5.70	24.00	0.750	0.75	1.06	8.75	0.298	0.5	1.5	0.00	10.00	0.00	0.42	0.00	8.50	0.52	0.00	10.50	0.00
08/08/2016	4577	6.59	24.00	0.000	0.75	0.84	7.50	0.637	0.0	0.0	0.00	9.50	0.00	0.42	0.00	9.30	0.45	0.24	9.30	0.88
08/09/2016	5514	7.84	24.00	0.750	0.75	1.20	8.00	1.08	0.5	1.5	0.00	9.50	0.00	0.38	0.00	7.50	0.45	0.00	9.30	0.88
08/10/2016	5519	8.09	24.00	0.000	0.75	1.08	8.00	0.333	0.0	0.0	0.00	9.50	0.00	0.38	0.00	7.50	0.41	0.00	9.50	0.00
08/11/2016					0.75				0.0	0.0										
08/12/2016					0.75				0.0	0.0										
08/13/2016					0.75				0.0	0.0										
08/14/2016					0.75				0.0	0.0										
08/15/2016					0.75				0.0	0.0										
08/16/2016					0.75				0.0	0.0										
08/17/2016					0.75				0.0	0.0										
08/18/2016					0.75				0.0	0.0										
08/19/2016					0.75				0.0	0.0										
08/20/2016					0.75				0.0	0.0										
08/21/2016					0.75				0.0	0.0										
08/22/2016					0.75				0.0	0.0										
08/23/2016					0.75				0.0	0.0										
08/24/2016					0.75				0.0	0.0										
08/25/2016					0.75				0.0	0.0										
08/26/2016					0.75				0.0	0.0										
08/27/2016					0.75				0.0	0.0										
08/28/2016					0.75				0.0	0.0										
08/29/2016					0.75				0.0	0.0										
08/30/2016					0.75				0.0	0.0										
08/31/2016					0.75				0.0	0.0										
09/01/2016					0.75				0.0	0.0										
09/02/2016					0.75				0.0	0.0										