SANTA FE RIVER COMMISSION
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July 9, 2015

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Call to Order and Roll Call	Jerry Jacobi, Chair called the meeting to order at 6:00 pm. A quorum is recorded in roll call.	Page 2
Approval of Agenda	*Mr. Ellenberg moved to approve the agenda as presented, second by Mr. Buchser, motion carried by unanimous voice vote.*	Page 2
Approval of Minutes, June 11, 2015	*Mr. Ellenberg moved to approve the minutes of June 11, 2015as presented, second by Mr. Buchser, motion carried by unanimous voice vote.*	Page 2
Information/Discussion/Action Items **1. Can rain gardens significantly improve soil moisture?** **2. Muchas Gracias Award Update** **3. Outreach Membership Update**	***Informational*** ***Exhibit A – for Item #1***	Page 2-4
Matters from the Commissioners, Matters from Sub-Committees	None	Page 4
Matters from Staff	Informational	Page 4
Citizens Communication from the floor	None	Page 4
Adjournment	***There being no further business to come before the River Commission the Acting Chair called for adjournment at 7:00 pm***	Page 4
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SANTA FE RIVER COMMISSION
Thursday, July 9, 2015
6:00 p.m. – 7:00 p.m.
500 Market Street, Santa Fe, NM

MINUTES

1. **Roll Call**

Mr. Jacobi, Chair convened the meeting of the Santa Fe River Commission at 6:00 pm, Market Station, Santa Fe, NM.

Present
Jerry Jacobi, Chair
Richard Ellenberg
Phil Bové
John R. Buchser

Not Present
Dale Doremus, Excused

Others Present
Melissa McDonald, Santa Fe River Watershed Coordinator
Mr. Andy Otto, Santa Fe Watershed Association
Aaron Kaufman
Fran Lucero, Stenographer

2. **Approval of Agenda**

Mr. Ellenberg moved to approve the agenda as presented, second by Mr. Buchser, motion carried by unanimous voice vote.

3. **Approval of Minutes From June 11, 2015**

Mr. Ellenberg moved to approve the minutes of June 11, 2015as presented, second by Mr. Buchser, motion carried by unanimous voice vote.

4. **Information/Discussion/Action:**
   a) Can rain gardens significantly improve soil moisture?
      Report Summary (Aaron Kaufman)

      Exhibit A
      - Graph 1: Volumetric Water Content (VWC) by month 6-inces below soil surface.

- Graph 2 provides information on: Soil Depth, Rain Garden Soil Texture, Rain Garden Average VWC, No Rain Garden Soil Texture and No Rain Garden Average VWC.
- Graph 3: Probe depth, RG Gallons of water in soil profile, No RG gallons of water in soil profile [PWP Values] and Difference in Gallons for RG and Control [RG:PWP].
- Graph 4: Comparison of VWC by Treatment and Soil Depth [Rain Garden/No Rain Garden]
- Graph 5: Volumetric Water Content in the Soil Profile by Treatment
- Graph 6: Volumetric Water Content by Treatment in an Alire Loam Soil Profile.

Ms. McDonald reported on a current rain garden project at the Santa Fe Community College which will use approximately 21,000 gallons of storm water to function. There is currently a study period of September 1st to May 30, 2016 for this project.

It was noted that basins 15' x 10' and 1 ft. deep carry 1,100 gallons of water. The data loggers record volumetric water content at hourly intervals. (Compared treatments without rain gardens shown in Exhibit A)

Ms. McDonald said that current rain gardens with 30" depth are also good. Ms. McDonald asked; what if we had rain gardens with shelves in the ponds at the bottom for bio retention purposes?

Mr. Kaufman responded that you can always alter the depth of the rain garden.

Ms. McDonald asked how we could use infiltration and vegetation in the basins.

Mr. Kaufman said that other states have added pipes from basin to other areas.

Mr. Buchser said that there is currently a Building code in Santa Fe regarding retention requirements.

Mr. Kaufman said that there are also Land Use codes as far as retention for commercial use.

b) Muchas Gracias awards (Jerry Jacobi)
The Chair reported that at the July 29th City Council Meeting the Mayor will present a Muchas Gracias to Brian Drypolcher for his dedicated service to the River Commission and invited Commission members to attend. The Chair said he is also preparing letters for two other recipients.

c) Outreach Membership Update (Jerry Jacobi)
A letter has been sent to the Mayor regarding the status of River Commission membership. Ms. McDonald has received two applications. The request is for the present members to resubmit their resumes to the Mayor for consideration. Word is

out there that we need members. Mr. Otto is also sharing with the Water Shed that we need members.

5. **Matters From Commissioners**
   None

6. **Matters From Subcommittees**
   None

7. **Matters From Staff – Project Status Update**
   Upper reservoir is doing great with all the rain.

   Alameda project received approval at City Council and CIP is the funding source.

8. **Citizens' Communication From The Floor**
   None

9. **Adjourn**

   There being no further business to come before the Santa Fe River Commission, the Chair called for adjournment at 7:00 pm

Signature Page:

Jerry Jacobi, Chair

Fran Lucero, Stenographer