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**CITY OF SANTA FE, NEW MEXICO**

**RESOLUTION NO. 2013-30**

**INTRODUCED BY:**

- Councilor Calvert
- Mayor Coss
- Councilor Ives
- Councilor Bushee
- Councilor Dimas
- Councilor Rivera

**A RESOLUTION**

**ADOPTING “CLIMATE CHANGE AND THE SANTA FE BASIN: A PRELIMINARY ASSESSMENT OF VULNERABILITIES AND ADAPTATION ALTERNATIVES” AND DIRECTING STAFF TO INCLUDE PROJECTED CLIMATE CHANGE IMPACTS IN SUBSEQUENT WATER SUPPLY AND DEMAND PLANNING, POLICIES, AND PRACTICES.**

**WHEREAS**, the City completed the 2008 Long Range Water Supply Plan (Water Plan) to secure a reliable and sustainable water supply for the City’s residents and water customers; and

**WHEREAS**, the Water Plan charts ways in which the City can plan to meet its water needs for the next forty years; and

**WHEREAS**, the impacts of climate change were not considered in the 2008 Water Plan; and

**WHEREAS**, Resolution 2011-17 directs staff to revise the Water Plan with a specific emphasis on climate change; and

**WHEREAS**, the Bureau of Reclamation Western Wide Climate Risk Assessment

1 identified several increased risks to western United States water resources in the 21<sup>st</sup> century  
2 including a temperature increase of 5-7 degrees Fahrenheit; a decrease in precipitation over the  
3 Southwest; a decrease in the April 1 snowpack; and a 8-20 percent decrease in an average annual  
4 stream flow in the Rio Grande basin; and

5         **WHEREAS**, the City, Santa Fe County (County) and the Bureau of Reclamation  
6 (Reclamation) (collectively the Cooperating Agencies) are cooperating on a Santa Fe Basin Study  
7 under the Department of Interior’s WaterSMART Program Initiative, which will include  
8 Reclamation’s analyses set forth in the “*Western Wide Climate Risk Assessment: Bias-Corrected*  
9 *and Spatially Downscaled Surface Water Projections*”; and

10         **WHEREAS**, the Cooperating Agencies held a Santa Fe Watershed Climate Change  
11 Workshop for the Santa Fe community in March 2012; and

12         **WHEREAS**, the input from the community workshop and contracted experts are  
13 included in “*Climate Change and the Santa Fe Basin: A Preliminary Assessment of*  
14 *Vulnerabilities and Adaptation Alternatives*”; and

15         **WHEREAS**, the City of Santa Fe Resolution 2013-12 confirms the City’s membership  
16 in and supporting the efforts of the Western Adaptation Alliance and directs the City’s Green  
17 Team to engage the public in addressing how the effects of climate change will impact citizens;  
18 and

19         **WHEREAS**, the City of Santa Fe Resolution 2012-90 authorizes the City’s participation  
20 in Carpe Diem West’s Healthy Headwaters Alliance and endorses the policy platform of the  
21 Healthy Headwaters’ Alliance to work with the United States Forest Service, water utilities,  
22 elected officials, land managers, scientists, conservationists, recreationists, timber companies, and  
23 business leaders to promote the health and resilience of the headwaters that provide clean, reliable  
24 water supply.

25         **NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE**

1 CITY OF SANTA FE that the Governing Body hereby adopts “Climate Change and the Santa  
2 Fe Basin: A Preliminary Assessment of Vulnerabilities and Adaptation Alternatives” in its  
3 entirety.

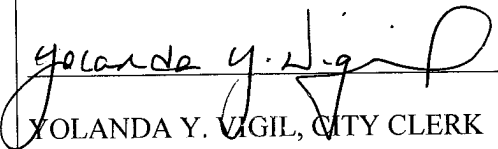
4 **BE IT FURTHER RESOLVED** that City staff is directed to continue to:

- 5 1. Work with the County and Reclamation to create a Santa Fe watershed water  
6 supply plan incorporating the range of potential climate change impacts;
- 7 2. Analyze as part of the Santa Fe watershed water supply plan the range of  
8 potential water demand scenarios; and
- 9 3. Achieve climate change resiliency by implementing the recommendations  
10 identified within the Water Plan and/or recommend additional or alternative  
11 policies and practices to promote resiliency in the City’s water supply over time.


12 PASSED, APPROVED and ADOPTED this 27<sup>th</sup> day of March, 2013.

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15 DAVID COSS, MAYOR

16 ATTEST:

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19 YOLANDA Y. VIGIL, CITY CLERK

20 APPROVED AS TO FORM:

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22  
23 GENO ZAMORA, CITY ATTORNEY

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25 M/Melissa/Resolutions 2013/2013-30 Climate Change