



River Systems Institute, Texas State University – San Marcos

Design, Permitting and Installation of Subdivision-Scale Rainwater Harvesting Systems as a Water Supply Strategy for the Texas Hill Country

Progress Report Submitted to TWDB March 2012

I. Work in Progress

1. Pursuing cost information for cost effectiveness analysis – **(Task 7)**
2. Pursuing information from water haulers for backup supply analysis – **(Task 5)**
3. Review responses from TCEQ to queries submitted in Nov – **(Task 3)**
4. Discussion/review of hydrologic models – **(Task 6)**
5. Prepare and present talk at TRCA annual conference – **(Task 10)**
6. Report IV writing and analysis of meetings and workshop **(Task 4)**
7. Modeling activities: evaluate potential impacts on hydrologic environment – **(Task 6)**
8. Development of Outreach ideas and contacts – **(Task 10)**
9. Focus Group to discuss Marketability – **(Task 8)**

II. Work Completed

1. Analysis and synthesis of information gathered at Rainwater Forum – **(Task 4)**
2. Multiple team phone calls and emails

III. People Contacted for TCEQ Coordination

1. Elston Johnson
2. Cindy Haynie
3. Joel Klumpp

IV. People contacted for “Project Support”

1. Barry Wall, RWH installer
2. Mark Leatherman, RWH installer
3. Tracy Bratton, engineer
4. Chris Clary (TxState modeling)
5. Nick Ryza, green builder
6. Randy Herzog, swimming pool builder
7. Robert Roszell, water bladder manufacturer
8. Keith Miller, builder/RWH installer
9. Mark Maroney, builder
10. Milan Michalec, GCD person (no response)
11. Warren Spain, green builder (no response)
12. Larry Hanrahan, engineer
13. Hank Smith, engineer
14. Amy Frederick, engineer (no response)
15. Andy Johnston, engineer (no response)

16. Bill Pohl, land broker (no response)
17. Robbie Callegari, engineer (no response)
18. Rick Wheeler, engineer (no response)
19. Pete Malone, engineer (no response)
20. Jerry Perales, engineer (no response)
21. Terry Mitchell, developer (no response)
22. Clint Jones, developer (no response)
23. John Noell, engineer (no response)
24. David A. Knoll, development facilitator (no response)
25. George Murfee, engineer (no response)
26. David Dods, engineer (no response)
27. Wayne Flores, engineer (no response)
28. Jay Hargrave, architect (no response)
30. David Parkhill, engineer
31. Marty Christman, engineer
32. Larry Wilke, engineer (no response)
33. Jeanne Emerson, Burnet County
34. Donna Klaeger, Burnet County Judge
35. Richard Tobolka, Kendall County
36. Tom Hornseth, Comal County
37. Clint Garza, Hays County
38. Jeff Smith, structural engineer
39. Karen Boden, house designer
40. Lynn Alderson, developer (no response)
41. Pat Sablatura, structural engineer
42. Alan Rossing, RWH installer (no response)
43. Blake Atkins, EPA (no response)
44. Dennis Lye, EPA
45. Herb Darling, Burnet County
46. Richard Heinichen, RWH installer/tank seller
47. Robert Zirkel, builder (no response)
48. Richard Hughes, architect (no response)
49. Nathan Doxsey, realtor (no response)

V. People to be contacted

1. Follow up non-responding contacts above
2. Builders and Developers

VI. Next Activities

1. Gather cost information, work on cost comparisons – **(Task 7)**
2. Review options for conducting hydrologic analysis – **(Task 6)**
3. Gather information on tanker truck backup supply – **(Task 5)**
4. Elicit response from TCEQ on rules interpretations – **(Task 3)**
5. Gather information on county governance options – **(Task 3)**
6. Survey local govt/elected officials on how they would approach a request for subdivision dependent solely on rainwater harvest – **(Task 8)**

VII. Administrative Duties

1. Completed match reporting
2. Initiated plans to revamp project website over the next 60 days
3. Shared project updates with regional Watershed Protection Plan Committees

Stacy Bray
Grant Specialist
Project Manager - Rainwater Harvesting Systems research (TWDB)
River Systems Institute
Texas State University
601 University Dr
San Marcos, TX 78666
[512-245-9200](tel:512-245-9200) office
[512-468-0201](tel:512-468-0201) cell
<http://www.rivers.txstate.edu>