

## LIST OF FIGURES

Figure 1	Project Location
Figure 2	Belen Schematics
Figure 3	Socorro Schematics
Figure 4	Seepage Run Activity S4-01
Figure 5	Seepage Run Activity S4-02
Figure 6	Seepage Run Activity S4-03
Figure 7	Seepage Run Activity S4-05
Figure 8	Seepage Run Activity S4-06
Figure 9	Seepage Run Activity S4-07
Figure 10	Seepage Run Activity S4-08
Figure 11	Seepage Run Activities S4-09, S4-10, and S4-11
Figure 12	Seepage Run Activity S4-12
Figure 13	Seepage Run Activity S4-13
Figure 14	Seepage Run Activity S4-15
Figure 15	Seepage Run Activity S4-16
Figure 16	Seepage Run Activity S4-17
Figure 17	Seepage Run Activities S4-18, S4-19, and S4-20
Figure 18	Seepage Run Activities S4-21, S4-22, and S4-23
Figure 19	Seepage Run Activity S4-24
Figure 20	Seepage Run Activity S4-25
Figure 21	Measured Discharge, Adjusted Discharge, and Estimated Seepage for the Rio Grande Seepage Run, Socorro Division, S4-01, June 9-12, 2001

- Figure 22 Measured Discharge and Estimated Seepage for the LFCC Seepage Run, Socorro Division, S4-02, June 10-13, 2001
- Figure 23 Measured Discharge and Estimated Seepage for the Rio Grande Seepage Run, Belen Division, S4-03, June 23-24, 2001
- Figure 24 Measured Discharge, Adjusted Discharge, and Estimated Seepage for the Rio Grande Seepage Run, Socorro Division, S4-05, June 27, 2001
- Figure 25 Measured Discharge and Estimated Seepage for the Rio Grande Seepage Run, Belen Division, S4-06, June 28-29, 2001
- Figure 26 Measured Discharge and Estimated Seepage for the Rio Grande Seepage Run, Belen Division, S4-07, July 6-9, 2001
- Figure 27 Measured Discharge and Estimated Seepage for the La Joya Acequia Seepage Run, Belen Division, S4-08, July 10, 2001
- Figure 28 Measured Discharge and Estimated Seepage for the Socorro Main Canal Seepage Run, Socorro Division, S4-09, July 18, 2001
- Figure 29 Measured Discharge and Estimated Seepage for the Socorro Main Canal Seepage Run, Socorro Division, S4-10, July 19, 2001
- Figure 30 Measured Discharge and Estimated Seepage for the Socorro Main Canal Seepage Run, Socorro Division, S4-11, July 20, 2001
- Figure 31 Measured Discharge and Estimated Seepage for the Lower San Juan Riverside Drain Seepage Run, Belen Division, S4-12, July 22, 2001
- Figure 32 Measured Discharge and Estimated Seepage for the Rio Grande Seepage Run, Belen Division, S4-13, July 22, 2001
- Figure 33 Measured Discharge and Estimated Seepage for the Lower San Juan Riverside Drain Seepage Run, Belen Division, S4-15, July 23, 2001
- Figure 34 Measured Discharge and Estimated Seepage for the Rio Grande Seepage Run, Belen Division, S4-16, July 23-24, 2001
- Figure 35 Measured Discharge and Estimated Seepage for the West Riverside Drains Seepage Run, Belen Division, S4-17, July 23-24, 2001
- Figure 36 Measured Discharge and Estimated Seepage for the Peralta Riverside Drain Seepage Run, Belen Division, S4-18, July 25, 2001

- Figure 37 Measured Discharge and Estimated Seepage for the Rio Grande Seepage Run, Belen Division, S4-19, July 25-26, 2001
- Figure 38 Measured Discharge and Estimated Seepage for the Belen Riverside Drain Seepage Run, Reach 1, Belen Division, S4-20, July 25, 2001
- Figure 39 Measured Discharge and Estimated Seepage for the Belen Riverside Drain Seepage Run, Reach 2, Belen Division, S4-20, July 26, 2001
- Figure 40 Measured Discharge and Estimated Seepage for the Peralta Riverside Drain Seepage Run, Belen Division, S4-21, August 2, 2001
- Figure 41 Measured Discharge and Estimated Seepage for the Rio Grande Seepage Run, Belen Division, S4-22, August 2-3, 2001
- Figure 42 Measured Discharge and Estimated Seepage for the Belen Riverside Drain Seepage Run, Reach 1, Belen Division, S4-23, August 2, 2001
- Figure 43 Measured Discharge and Estimated Seepage for the Belen Riverside Drain Seepage Run, Reach 2, Belen Division, S4-23, August 3, 2001
- Figure 44 Measured Discharge and Estimated Seepage for the Belen Riverside Drain Seepage Run, Reach 3, Belen Division, S4-23, August 3, 2001
- Figure 45 Measured Discharge, Adjusted Discharge, and Estimated Seepage for the Rio Grande Seepage Run, Socorro Division, S4-24, August 8-9, 2001
- Figure 46 Measured Discharge and Estimated Seepage for the LFCC Seepage Run, Socorro Division, S4-25, August 8-9, 2001
- Figure 47 Cumulative Losses on the Rio Grande, Socorro Division
- Figure 48 Total Rio Grande Loss vs. San Acacia Reference Flow, San Acacia to End of Levee at Corral

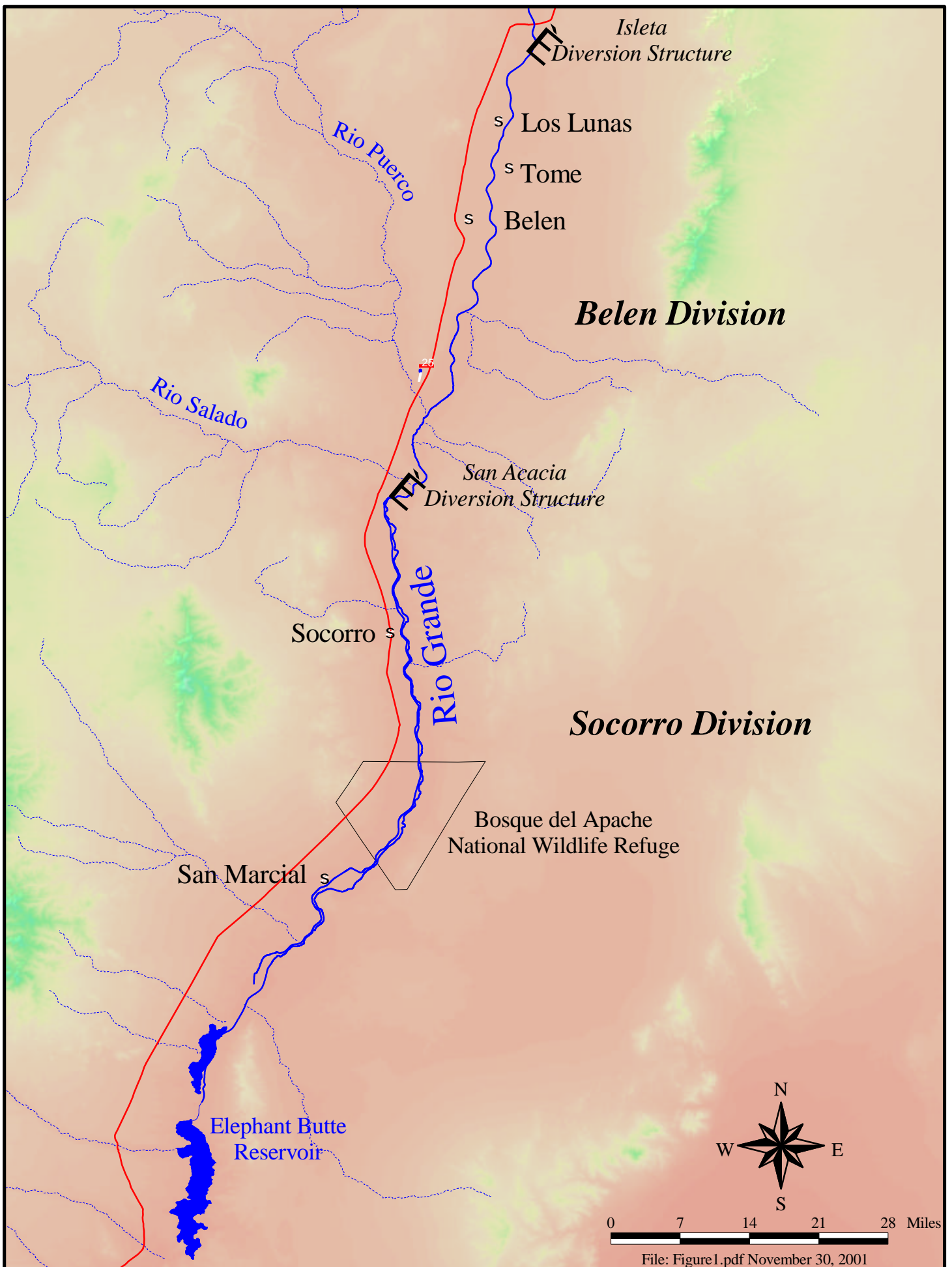








Figure 1. Project Location

Belen Division (Section 1)

Legend

	Waterways		Rio Grande
	Drains		USGS gage
	Wasteways		MRGCD gage

Note:  
 1. Schematic may not show actual geometric alignments horizontally  
 2. River mile (RM) distances along the Rio Grande were interpreted from 1992 aerial photos and field ground checks  
 3. Schematic has not been verified by MRGCD

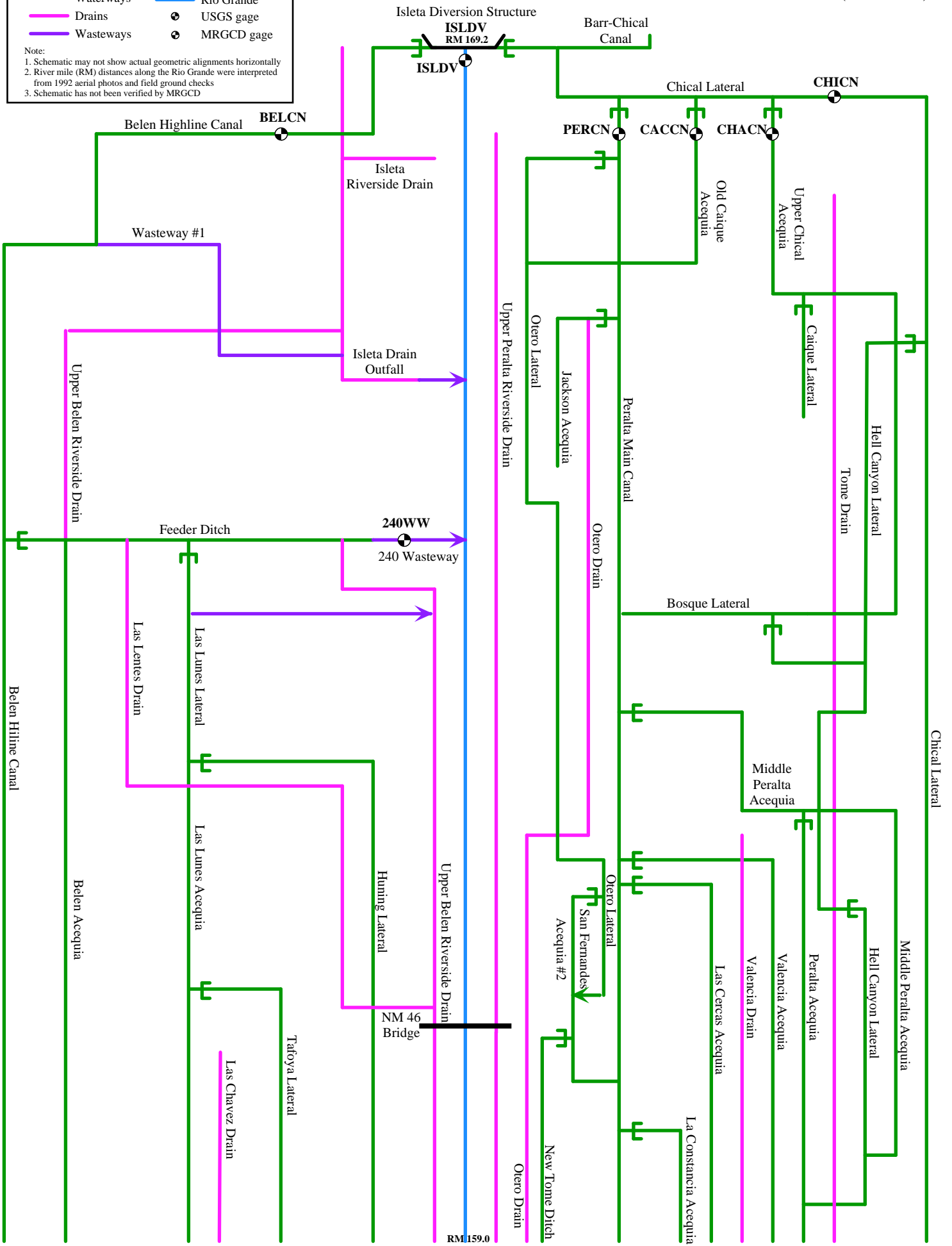


Figure 2a. Belen Schematics from Isleta Diversion Structure at Rivermile (RM) 169.2 to RM 159.0

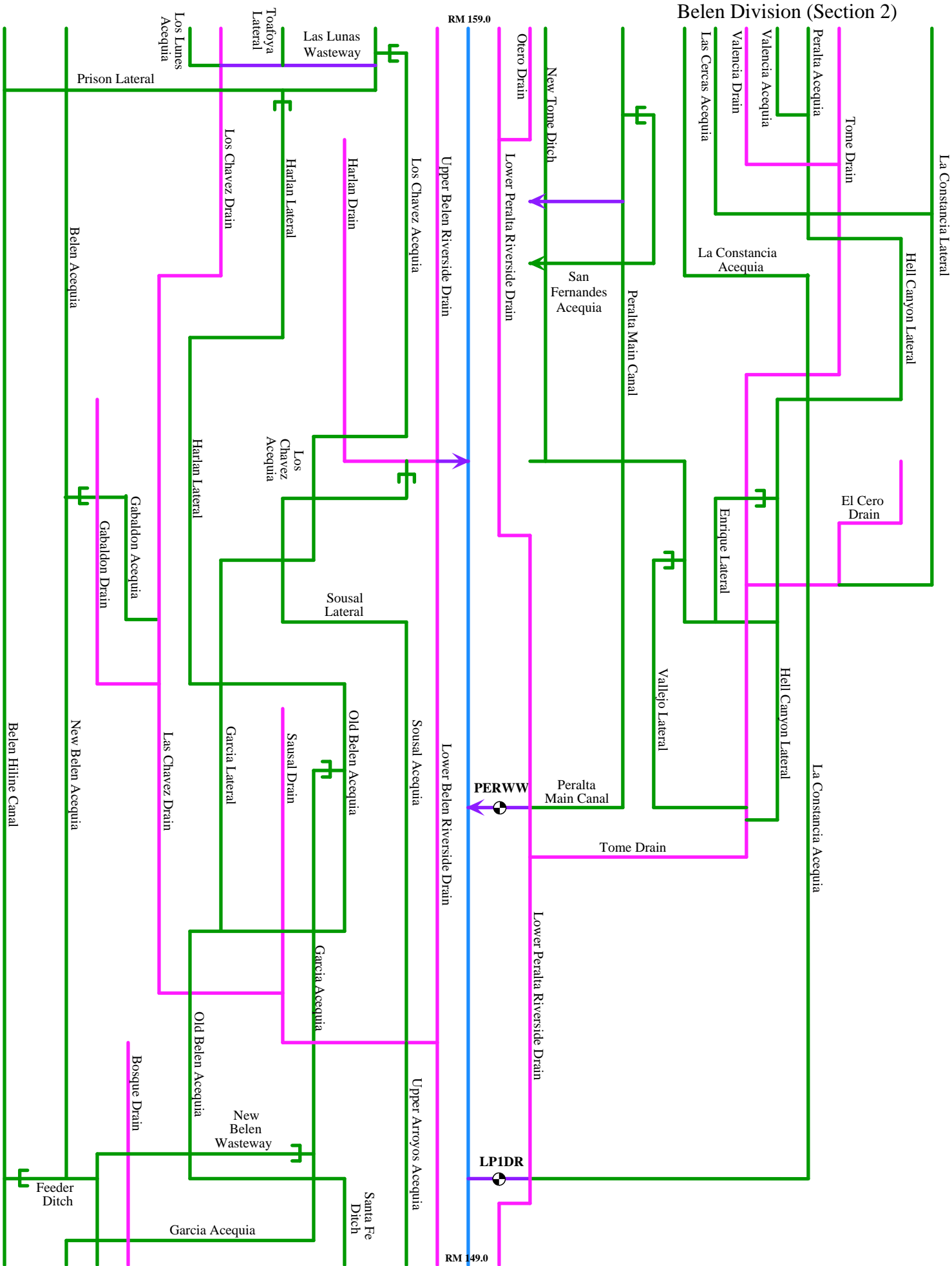


Figure 2b. Belen Schematics from RM 159.0 to RM 149.0

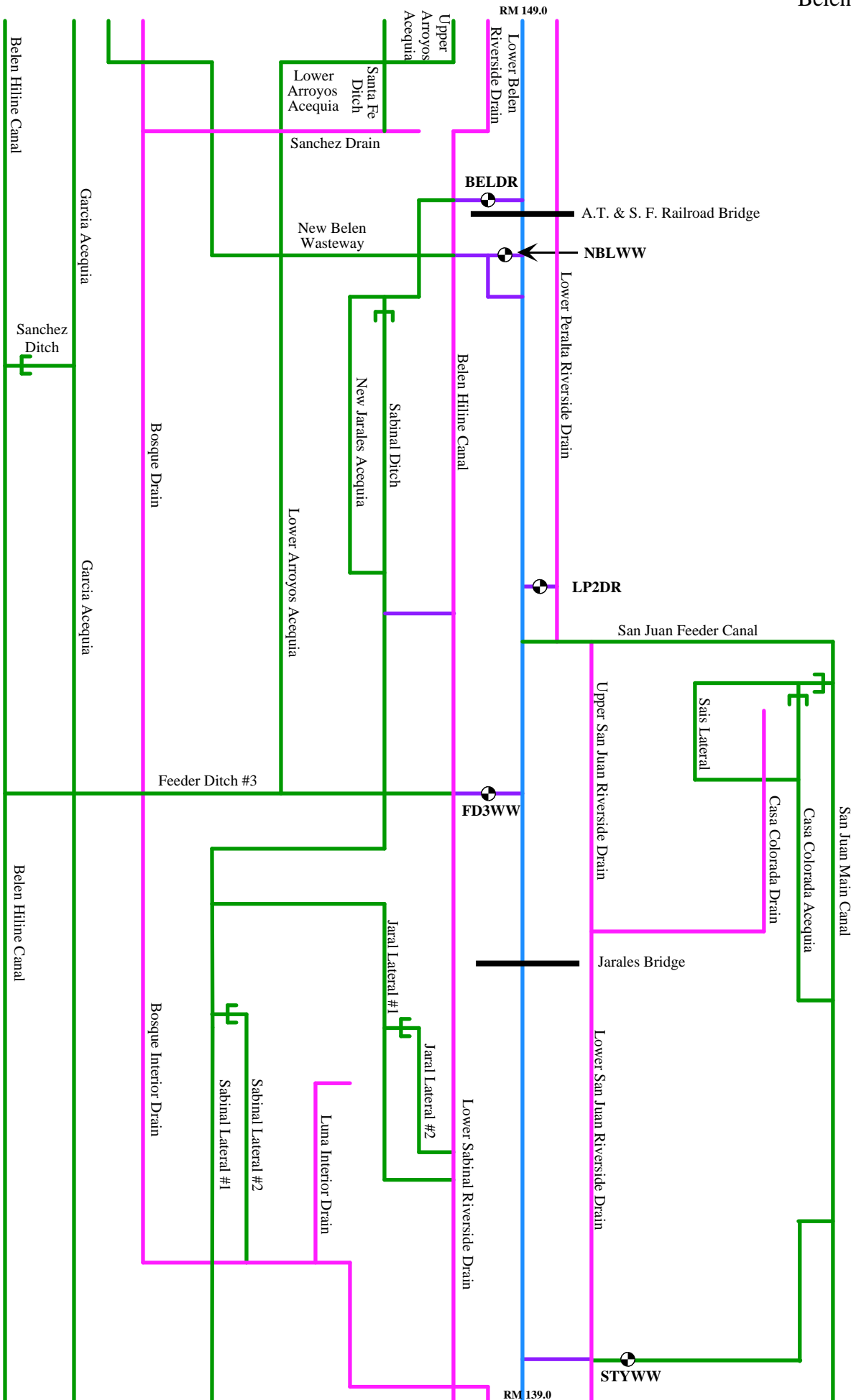


Figure 2c. Belen Schematics from RM 149.0 to RM 139.0

Belen Division (Section 4)

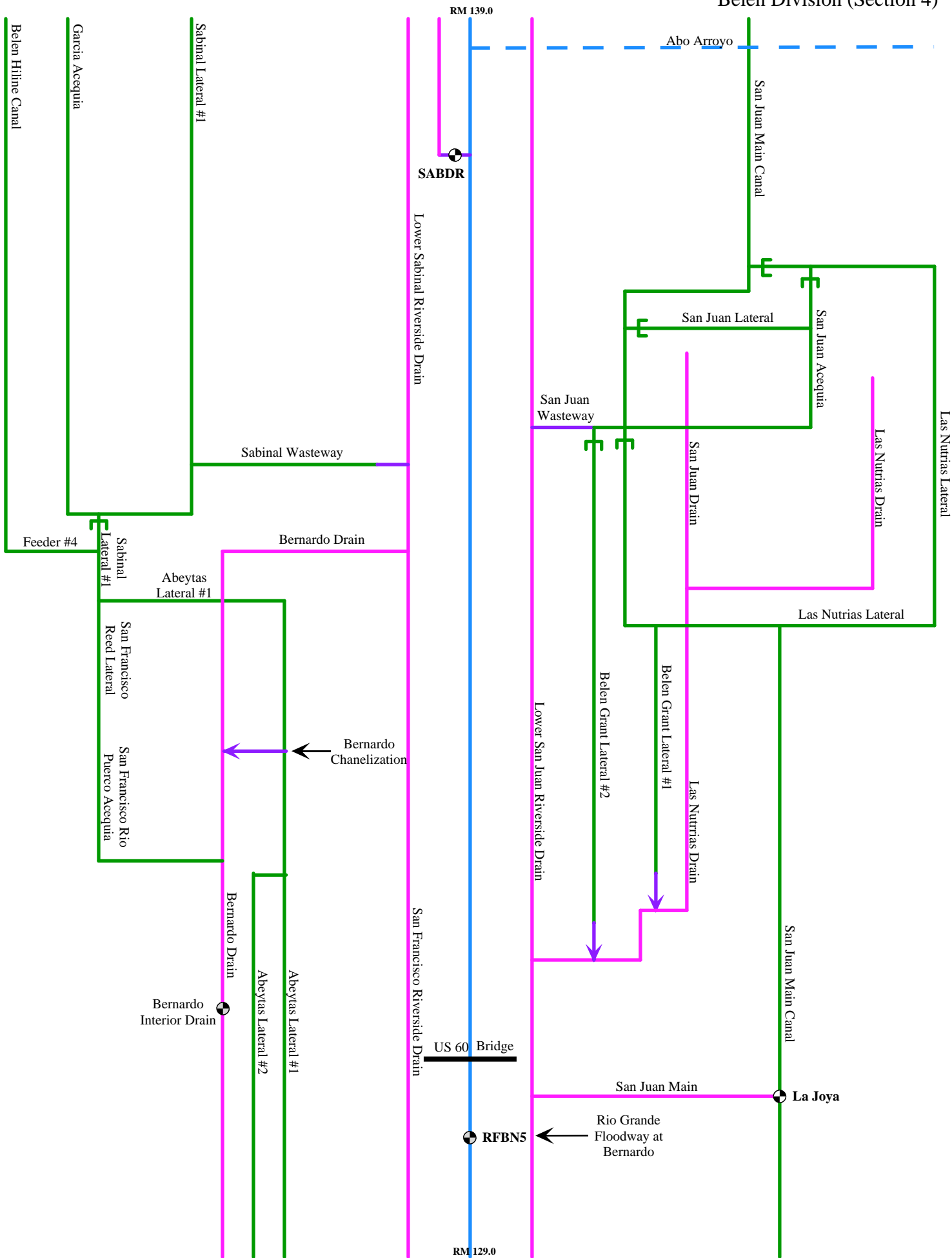


Figure 2d. Belen Schematics from RM 139.0 to RM 129.0



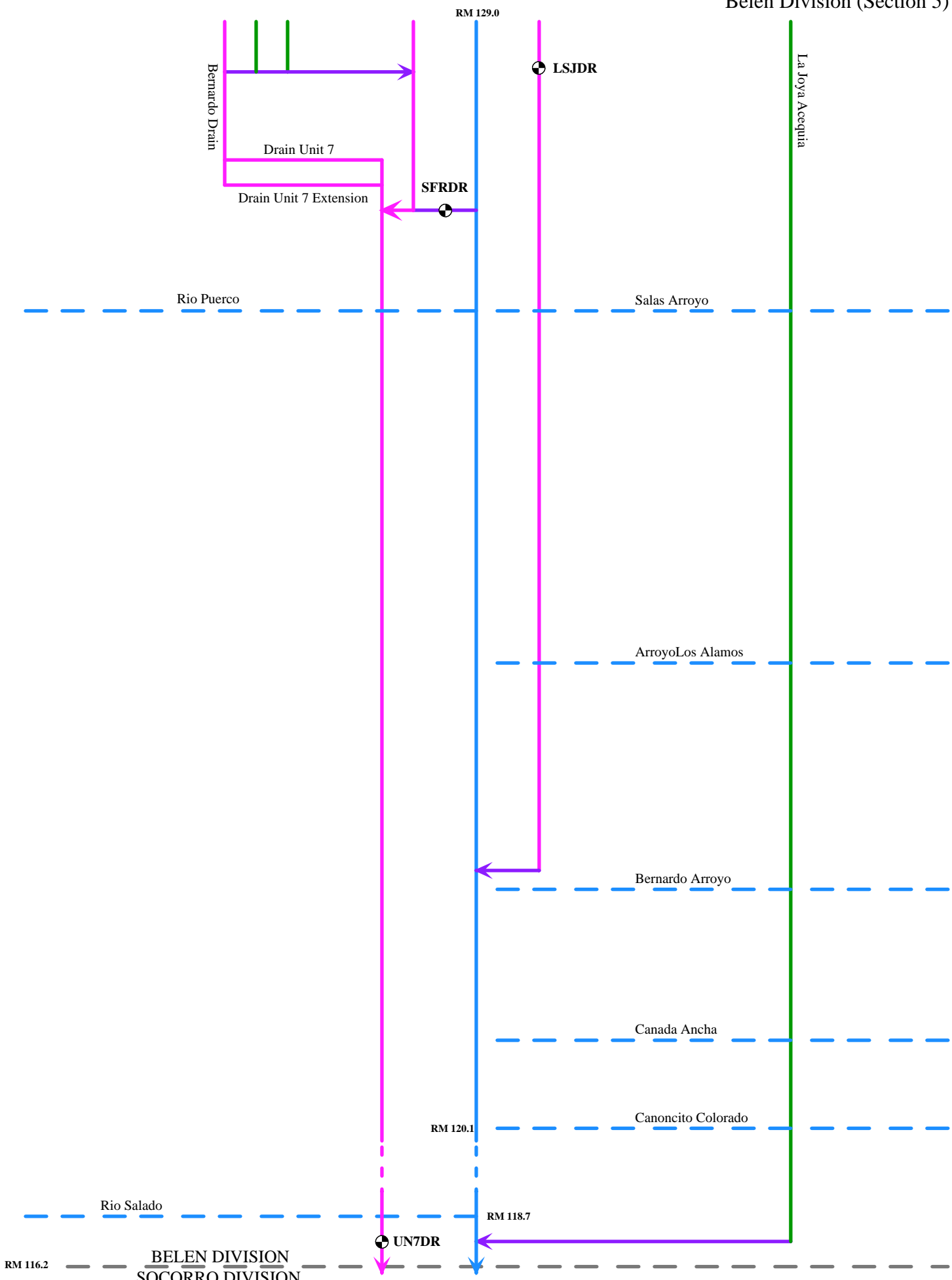


Figure 2e. Belen Schematics from RM 129.0 to the Socorro Division Boundary at RM 116.2

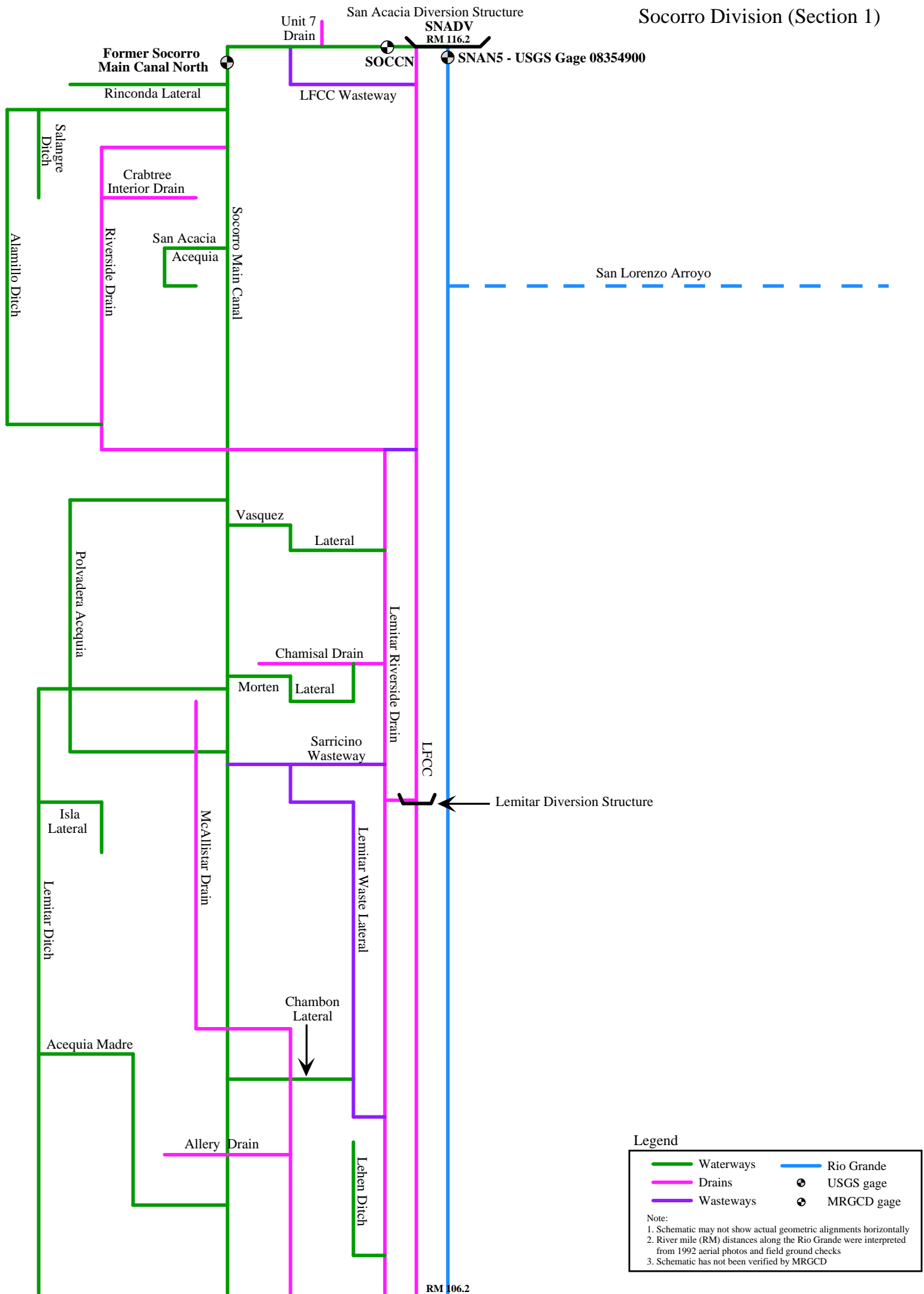


Figure 3a. Belen Schematics from San Acacia Diversion Structure at Rivermile (RM) 116.2 to RM 106.2

**Legend**

<span style="color: green;">—</span> Waterways	<span style="color: blue;">—</span> Rio Grande
<span style="color: magenta;">—</span> Drains	USGS gage
<span style="color: purple;">—</span> Wasteways	MRGCD gage

**Note:**

- Schematic may not show actual geometric alignments horizontally
- River mile (RM) distances along the Rio Grande were interpreted from 1992 aerial photos and field ground checks
- Schematic has not been verified by MRGCD

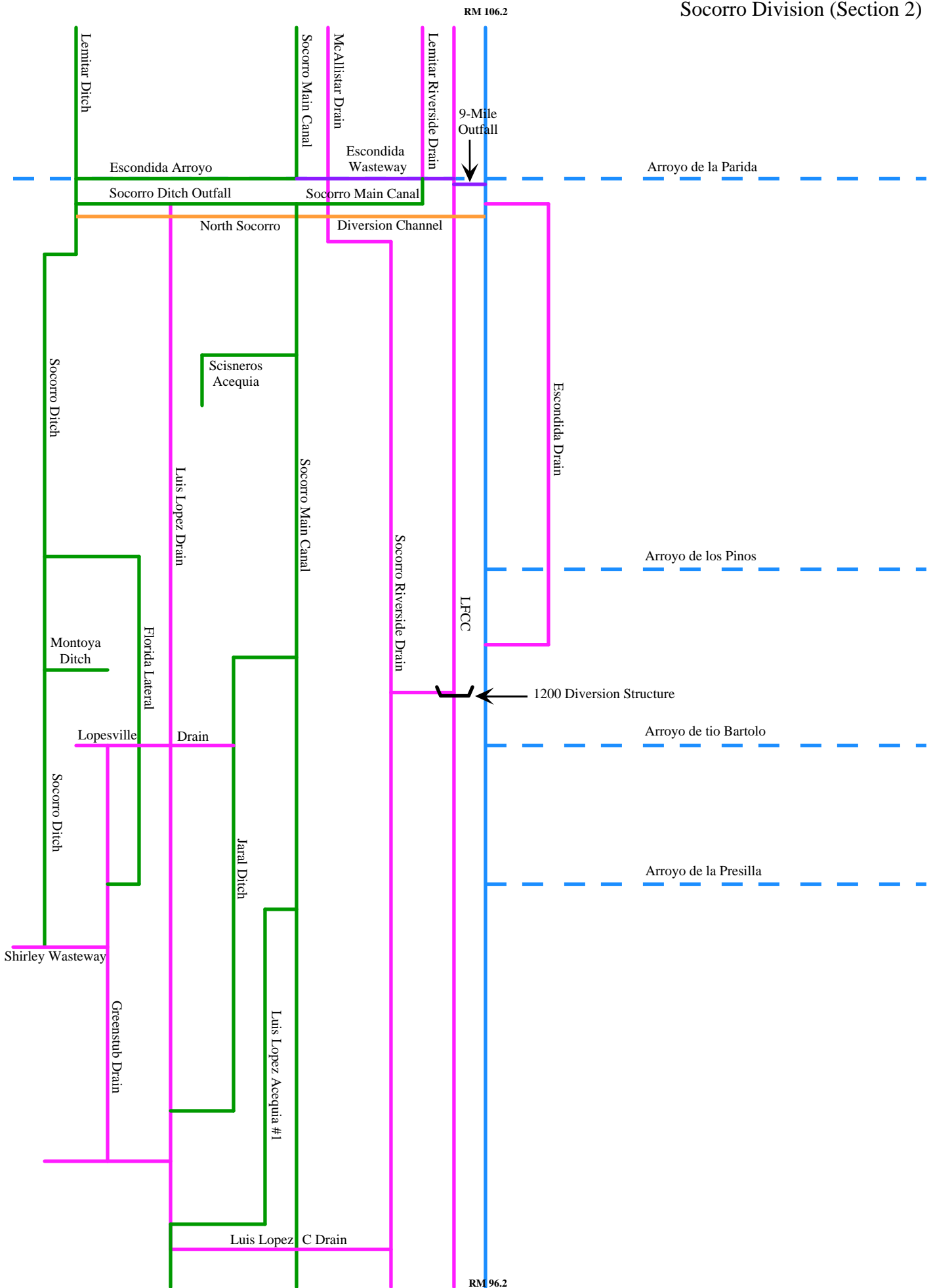


Figure 3b. Socorro Schematics from RM 106.2 to RM 96.2

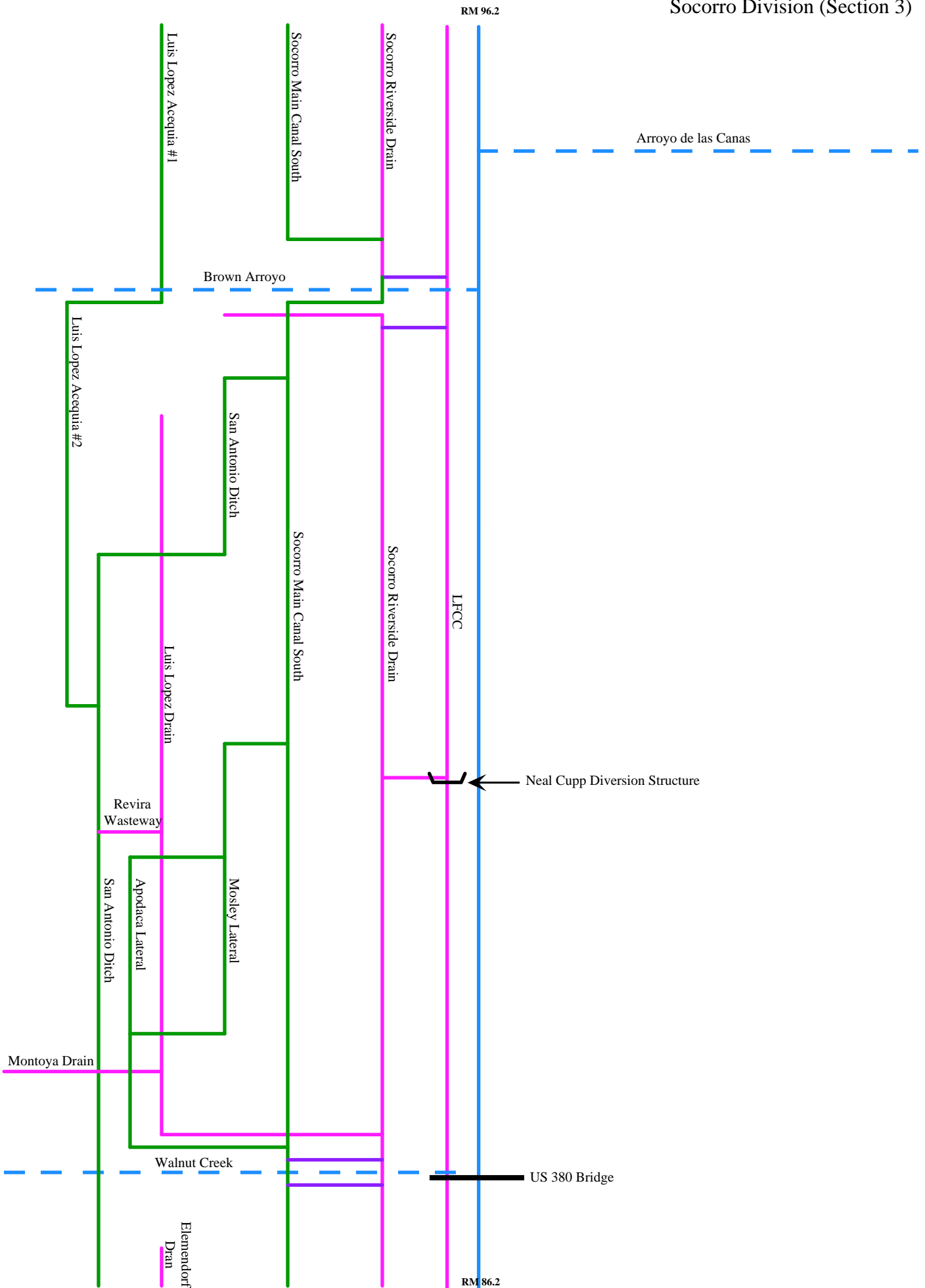


Figure 3c. Socorro Schematics from RM 96.2 to RM 86.2

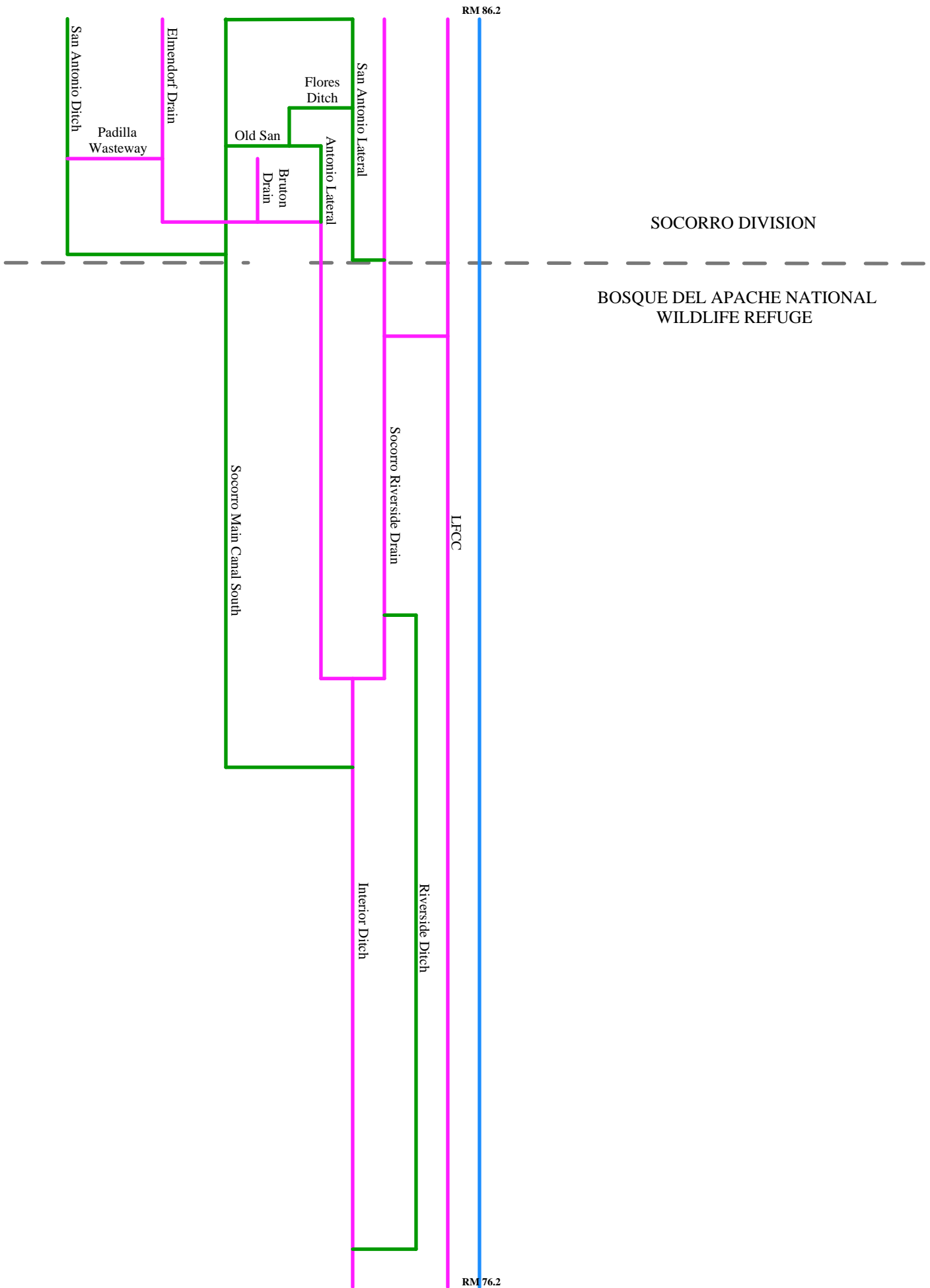


Figure 3d. Socorro Schematics from RM 86.2 to RM 76.2

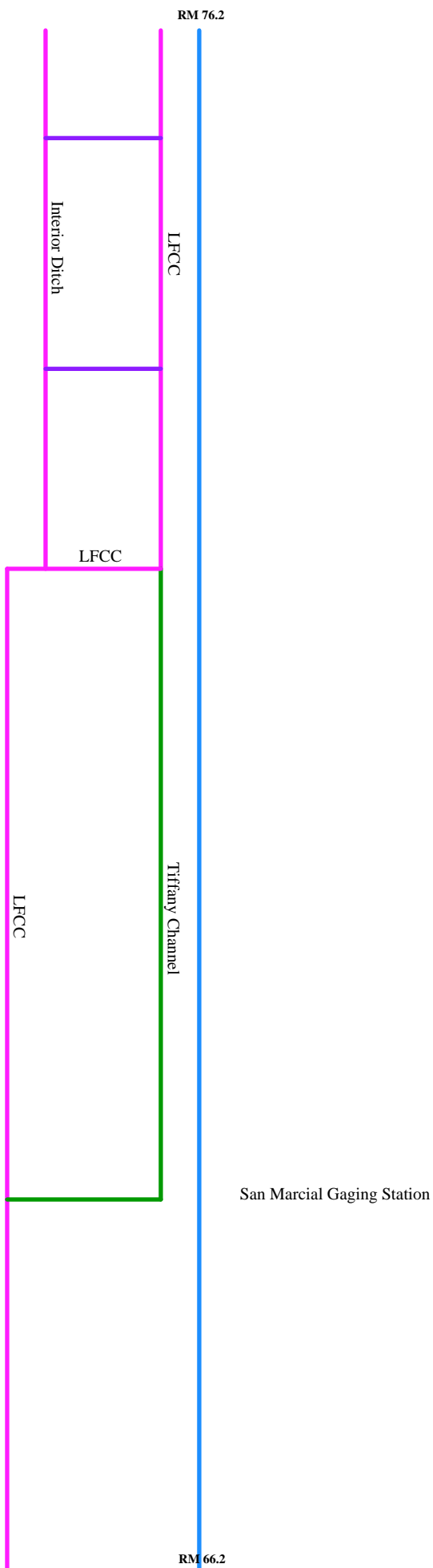


Figure 3e. Socorro Schematics from RM 76.2 to RM 66.2

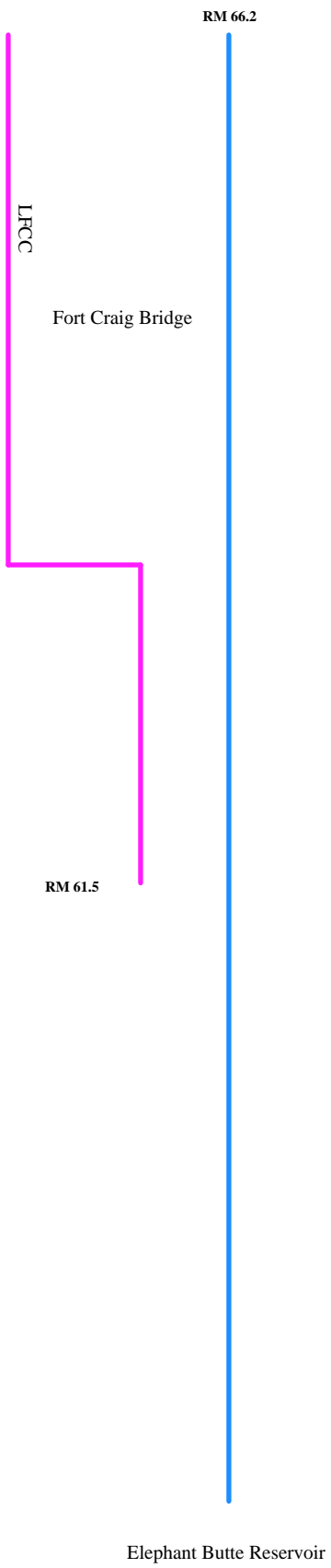


Figure 3f. Socorro Schematics from RM 66.2 to Elephant Butte Reservoir

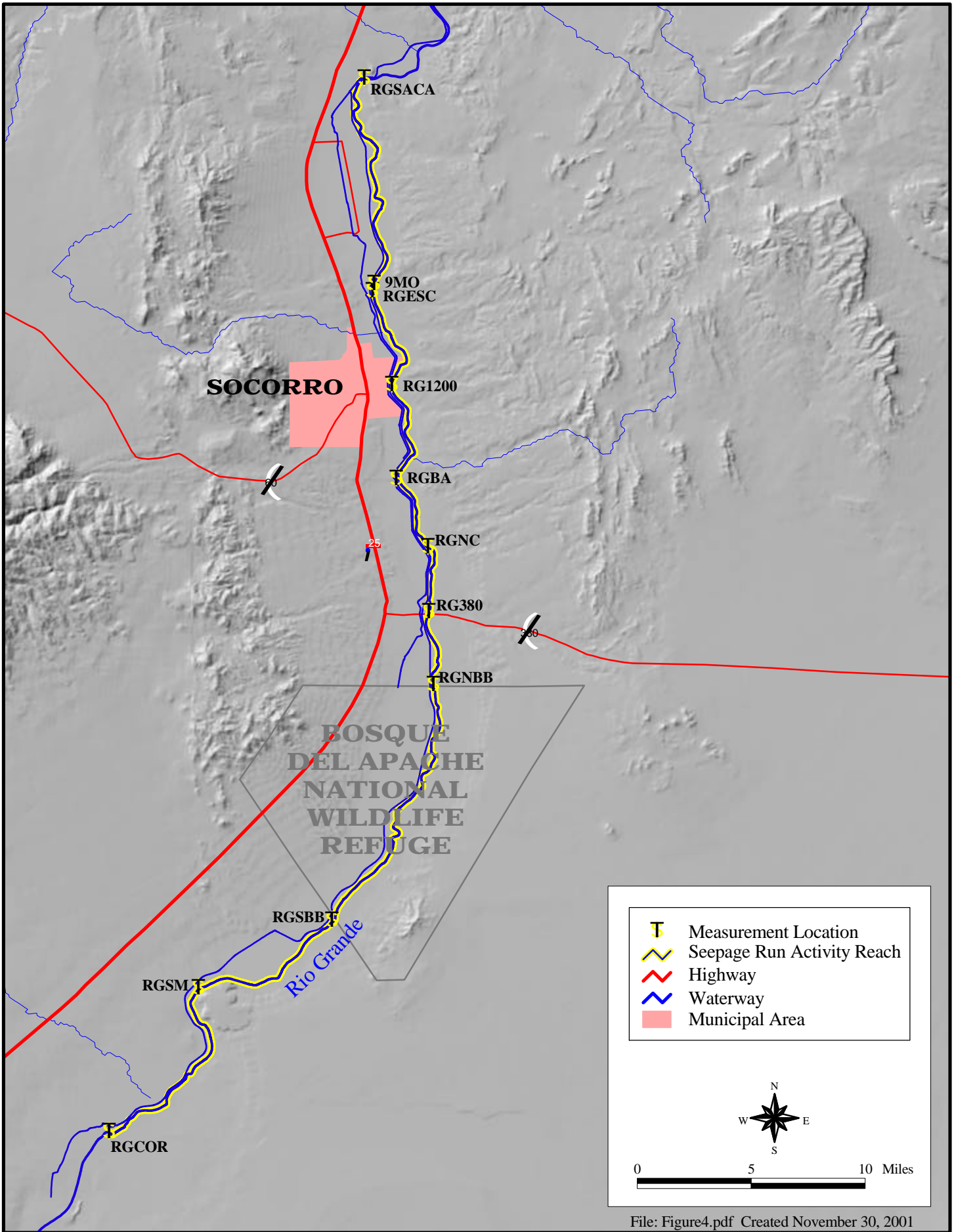
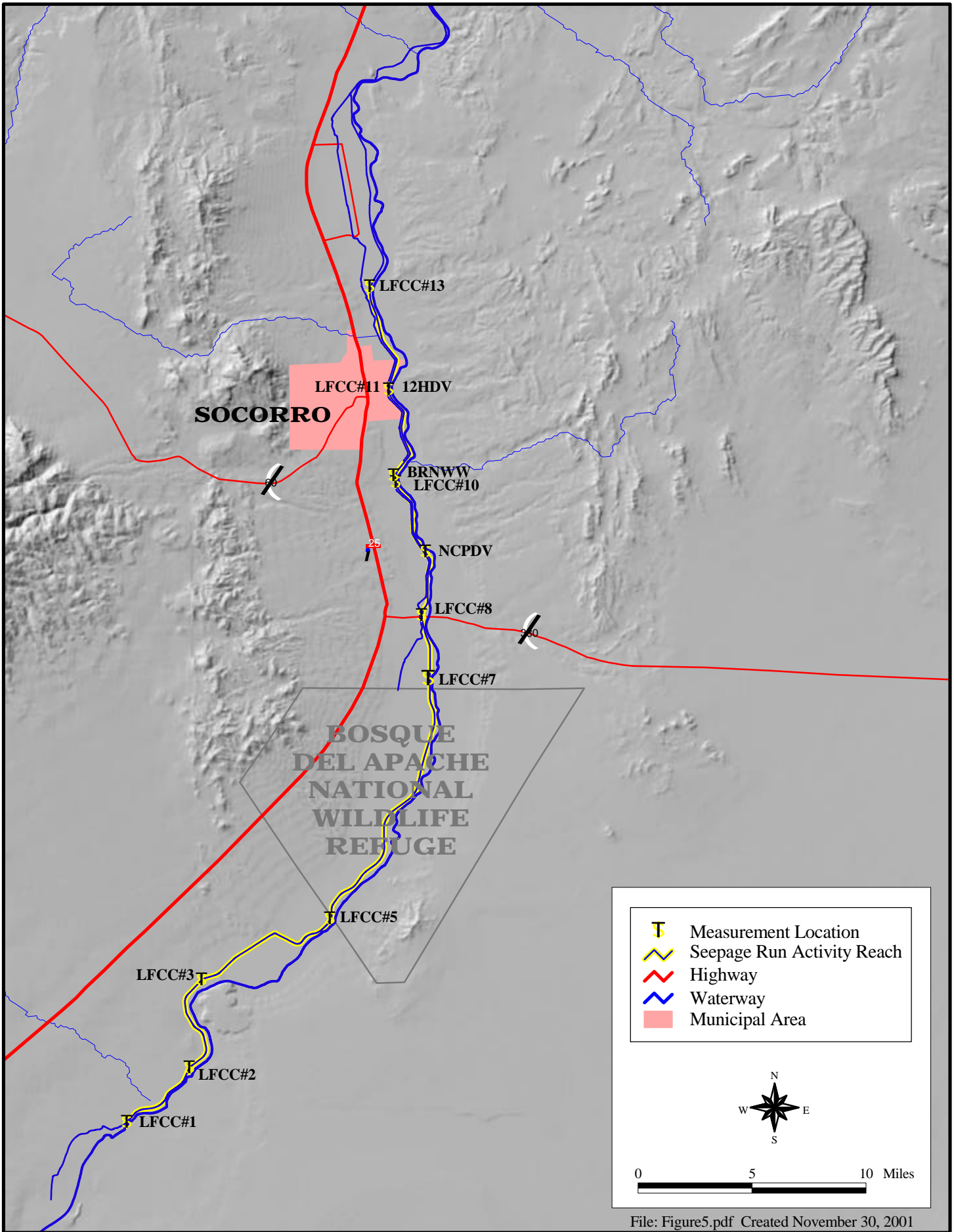


Figure 4. Seepage Run Activity S4-01





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Figure 5. Seepage Run Activity S4-02

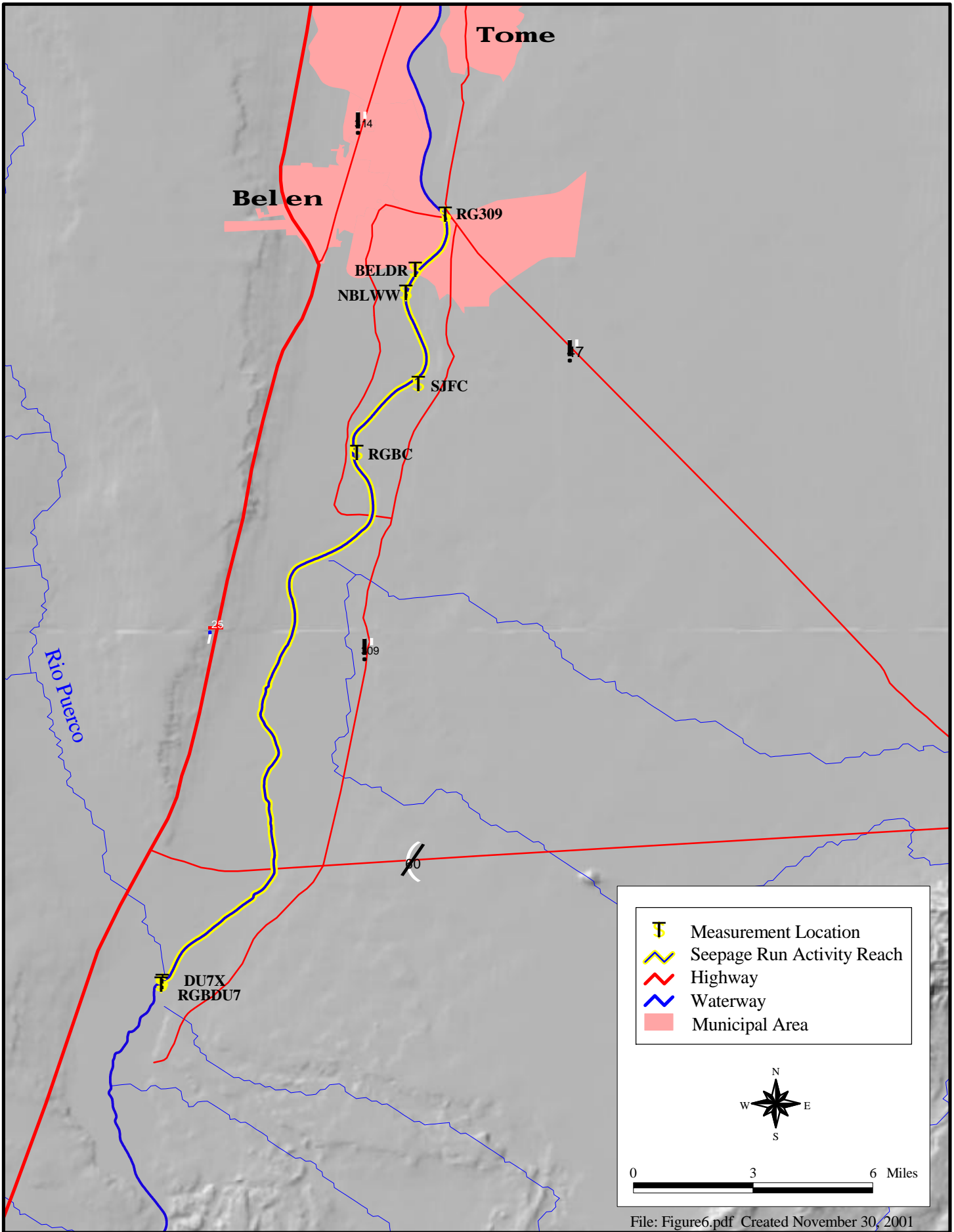


Figure 6. Seepage Run Activity S4-03

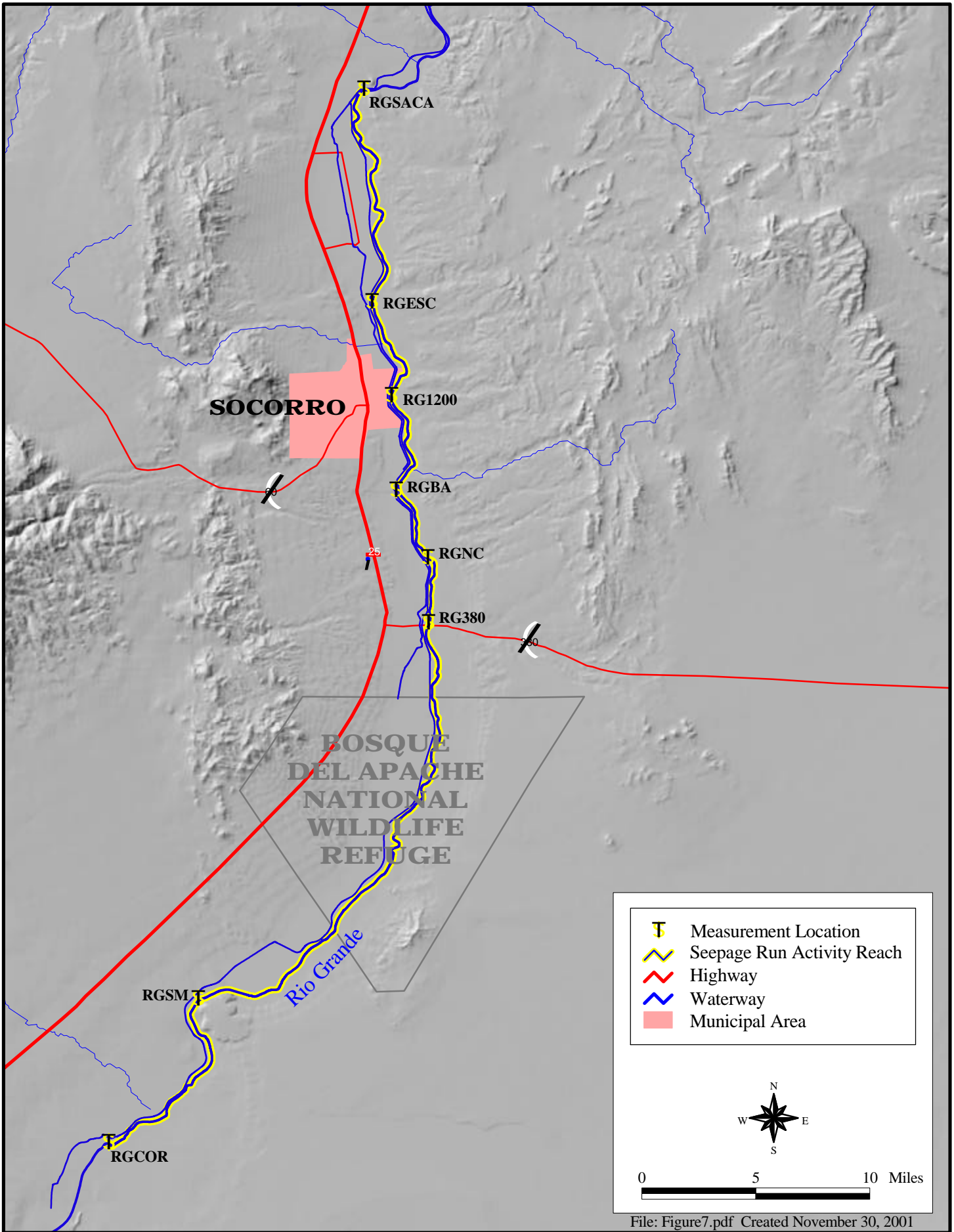


Figure 7. Seepage Run Activity S4-05

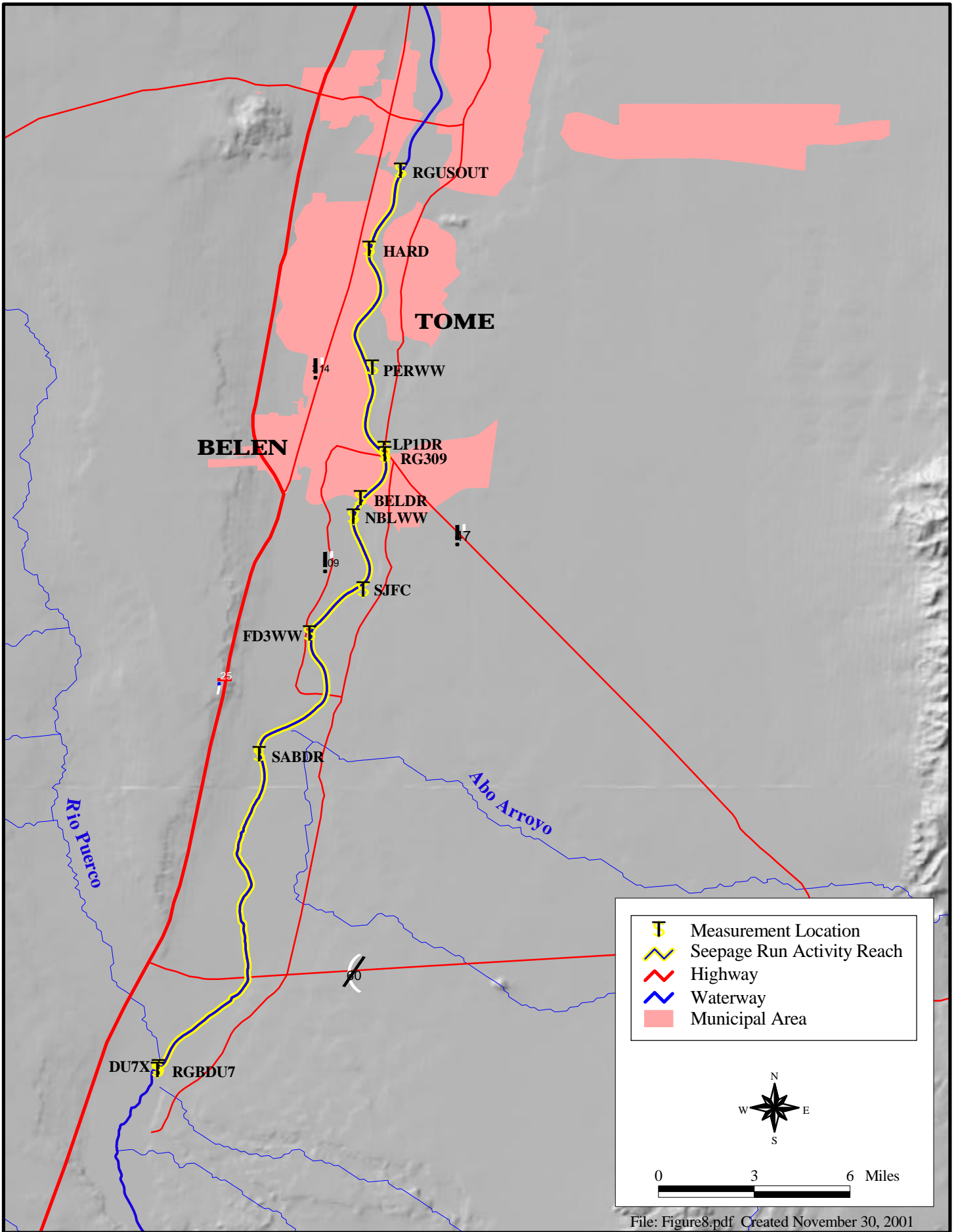


Figure 8. Seepage Run Activity S4-06



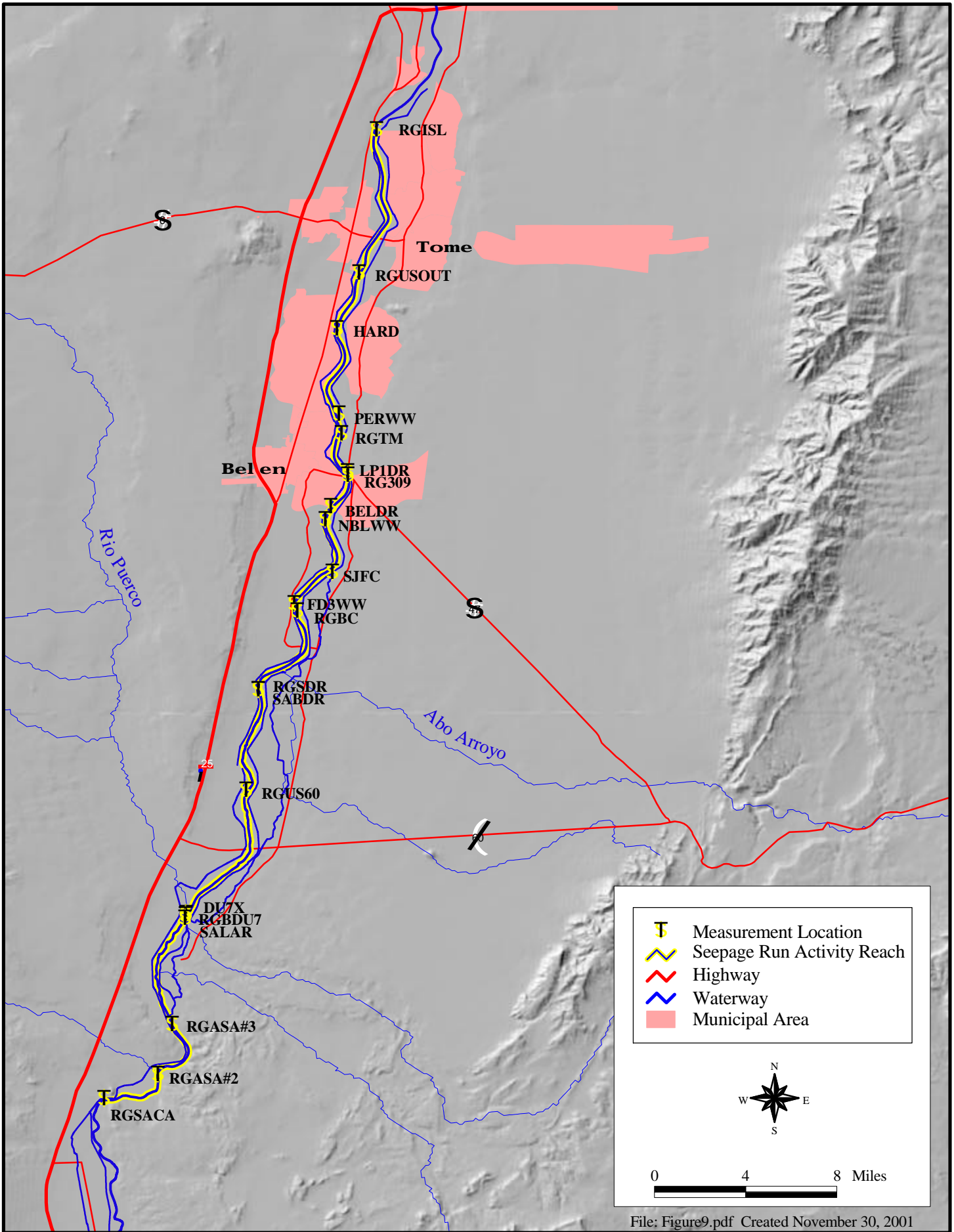


Figure 9. Seepage Run Activity S4-07

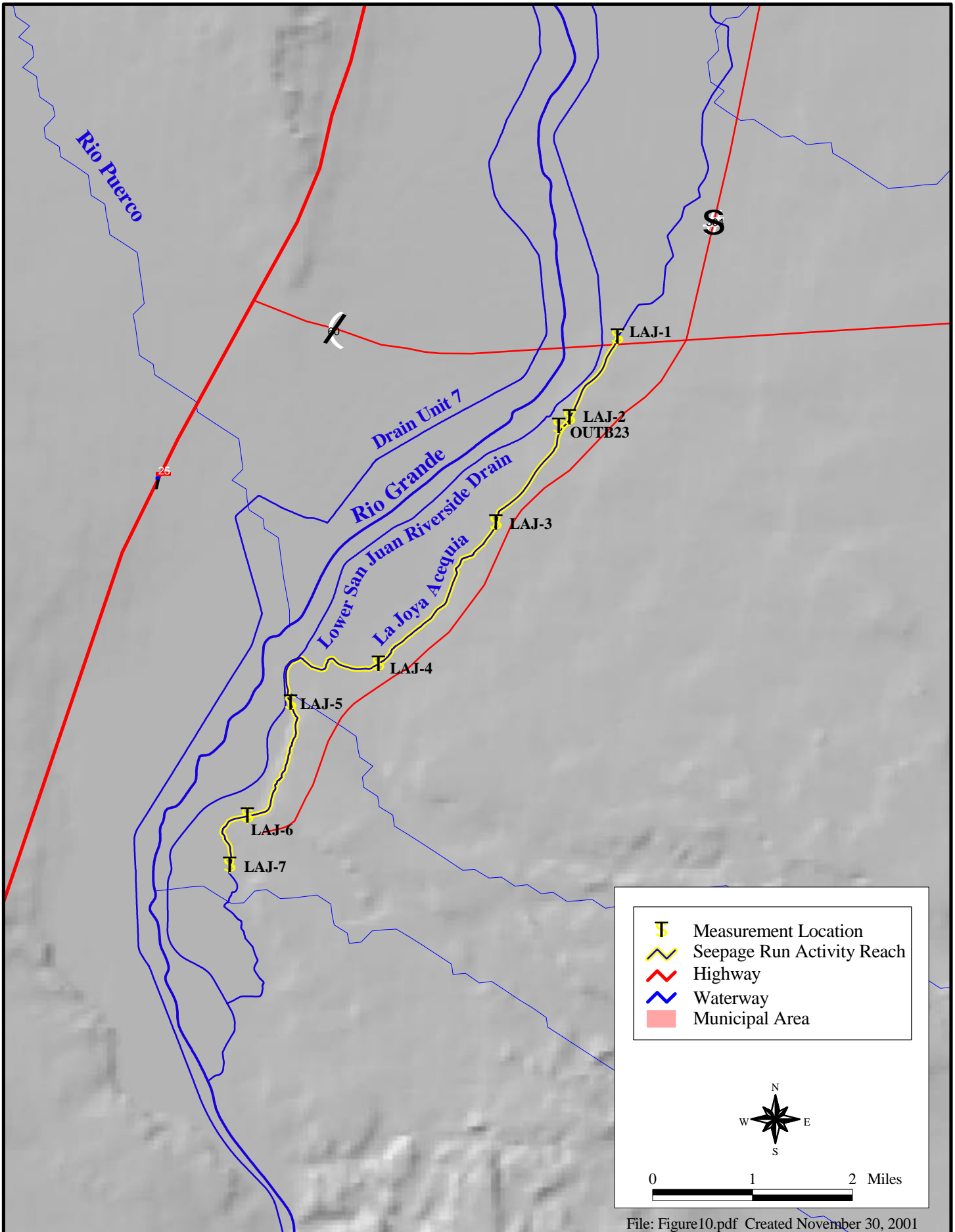


Figure 10. Seepage Run Activity S4-08

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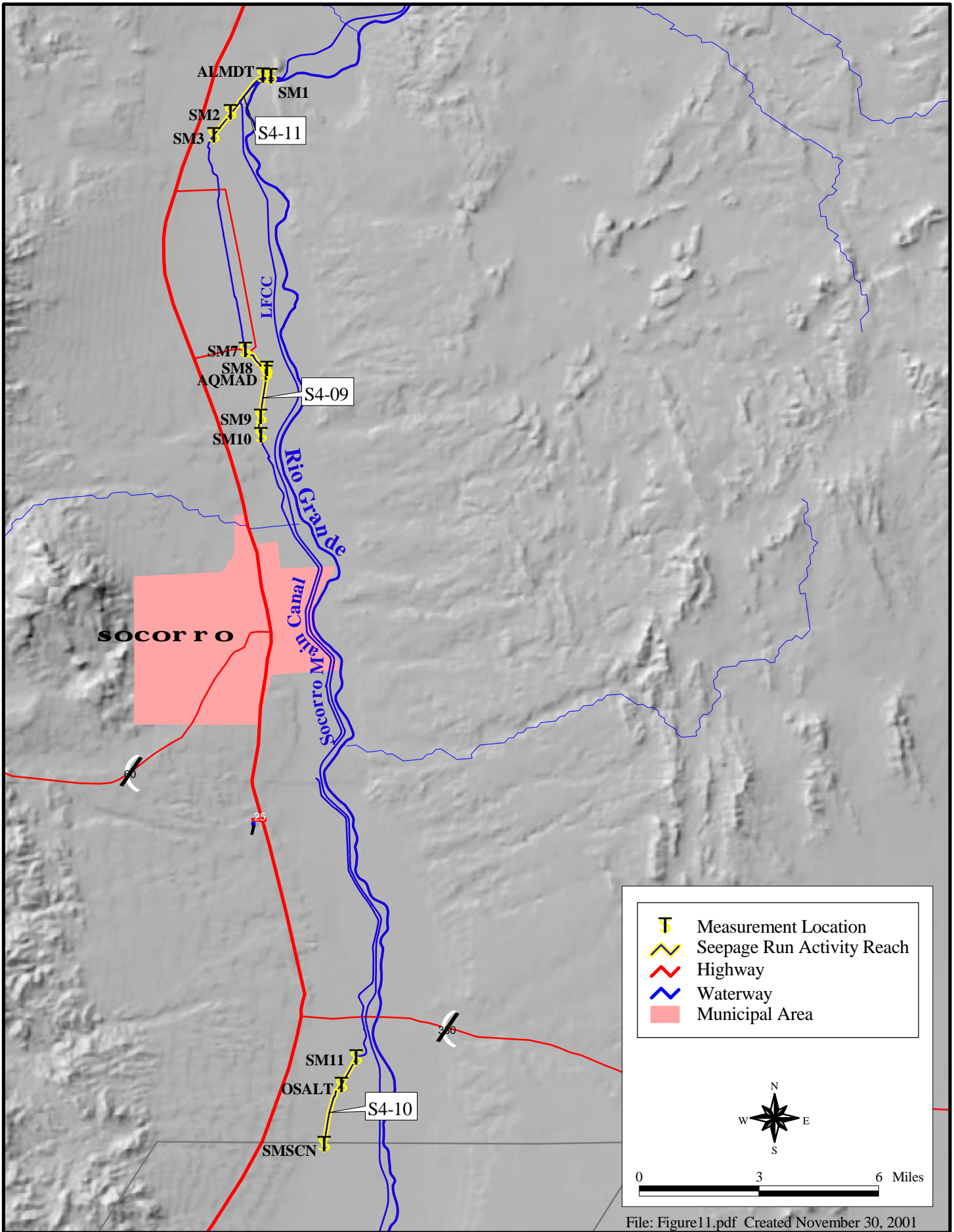


Figure 11. Seepage Run Activities S4-09, S4-10, and S4-11

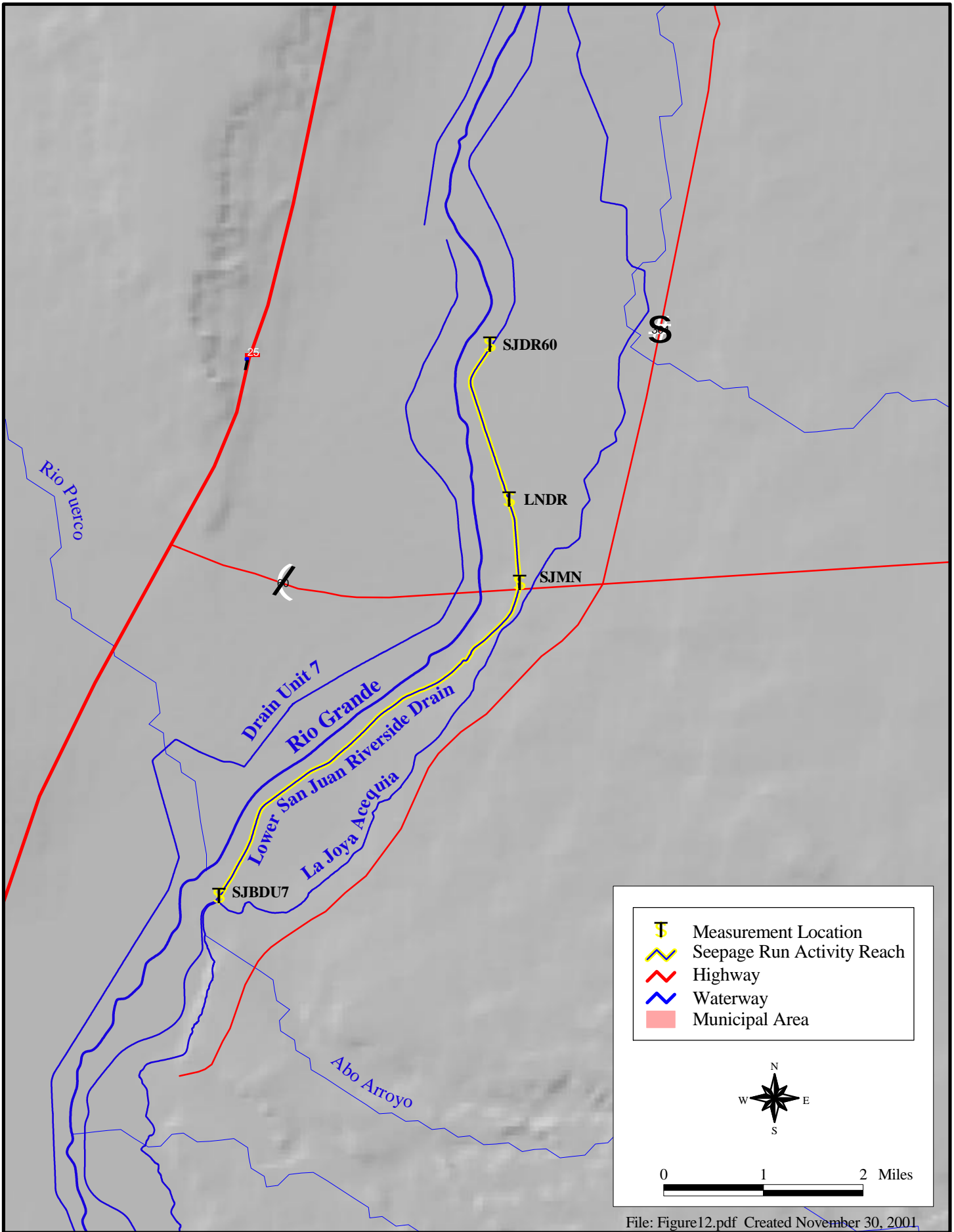
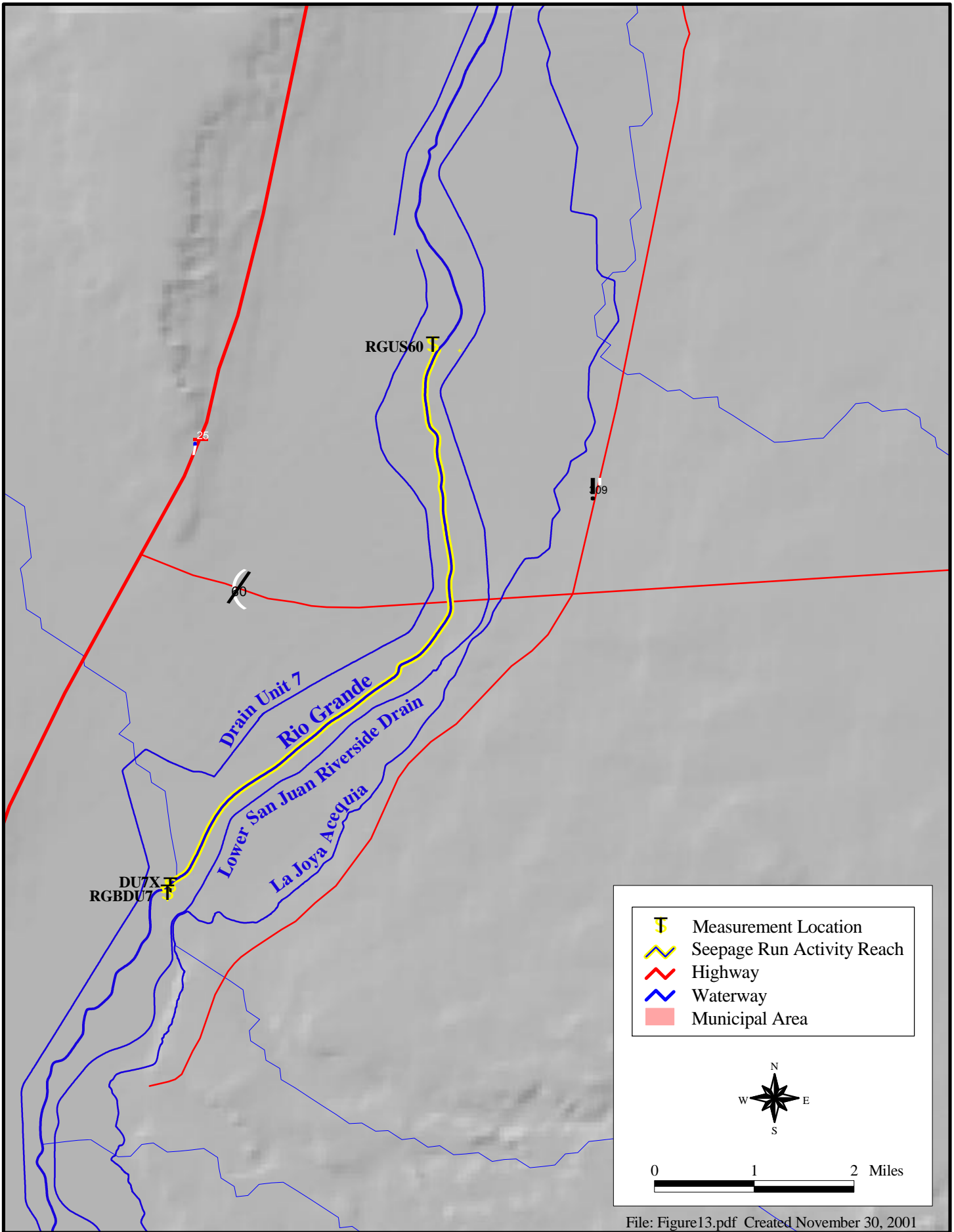


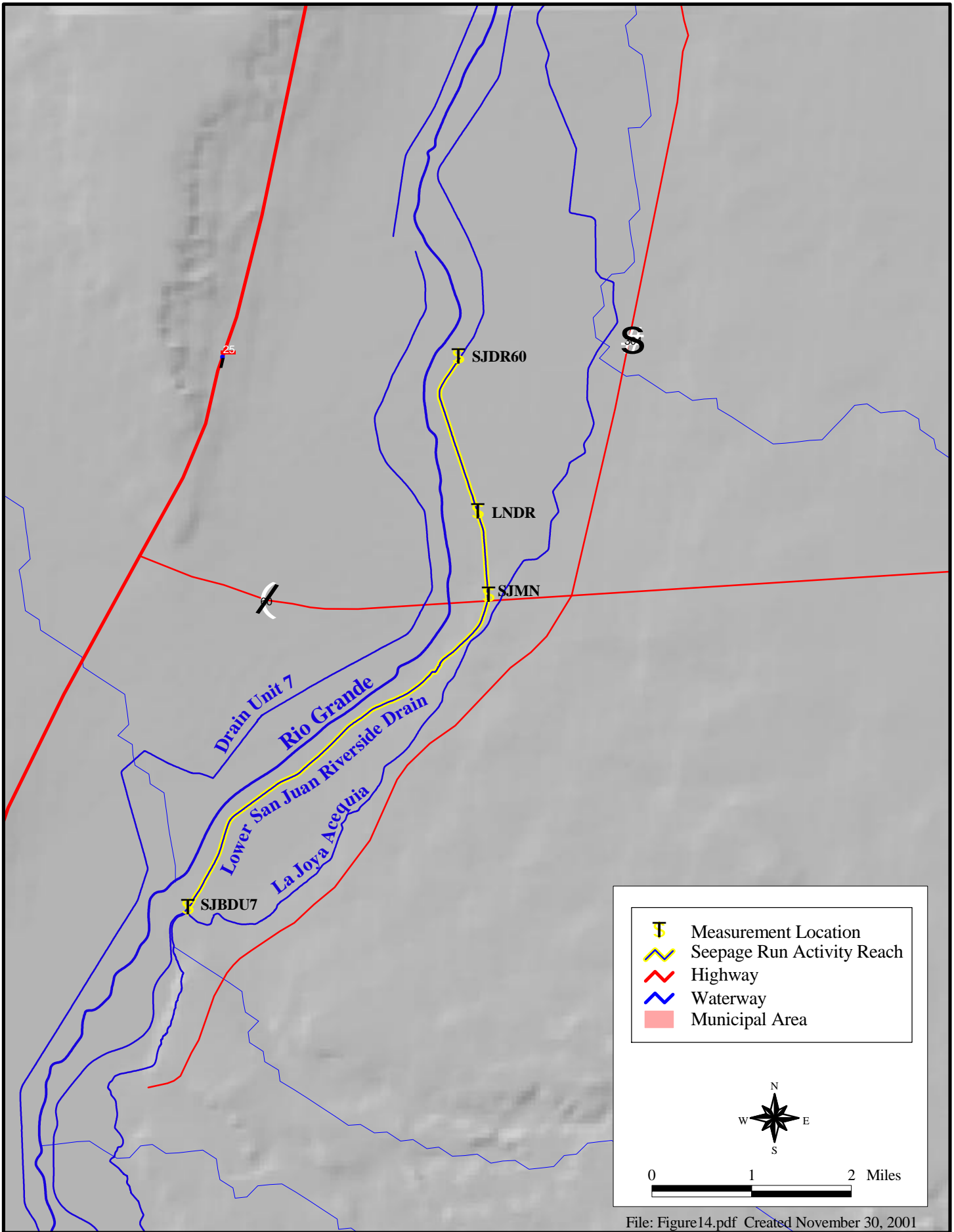
Figure 12. Seepage Run Activity S4-12





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Figure 13. Seepage Run Activity S4-13



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Figure 14. Seepage Run Activity S4-15

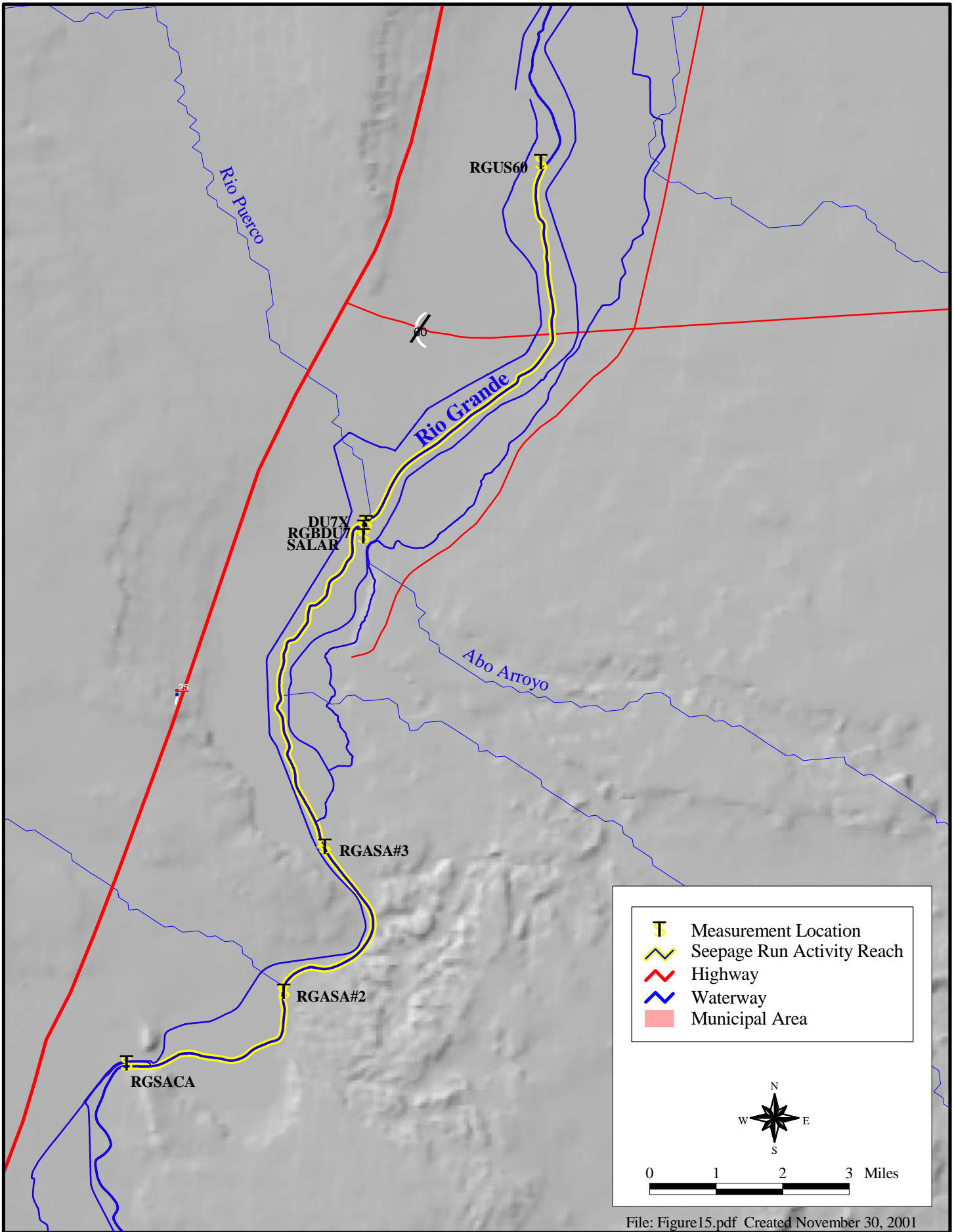
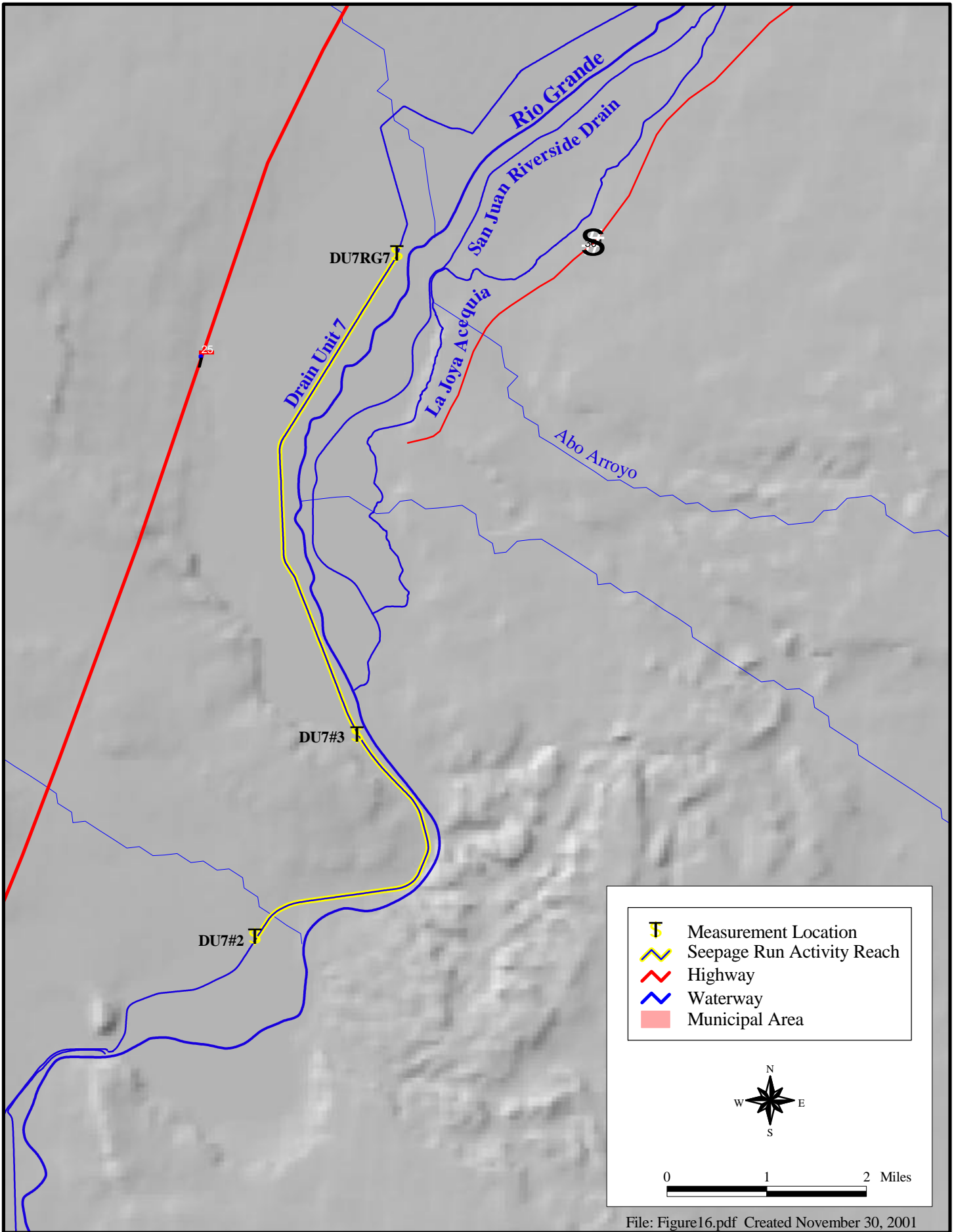


Figure 15. Seepage Run Activity S4-16



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Figure 16. Seepage Run Activity S4-17

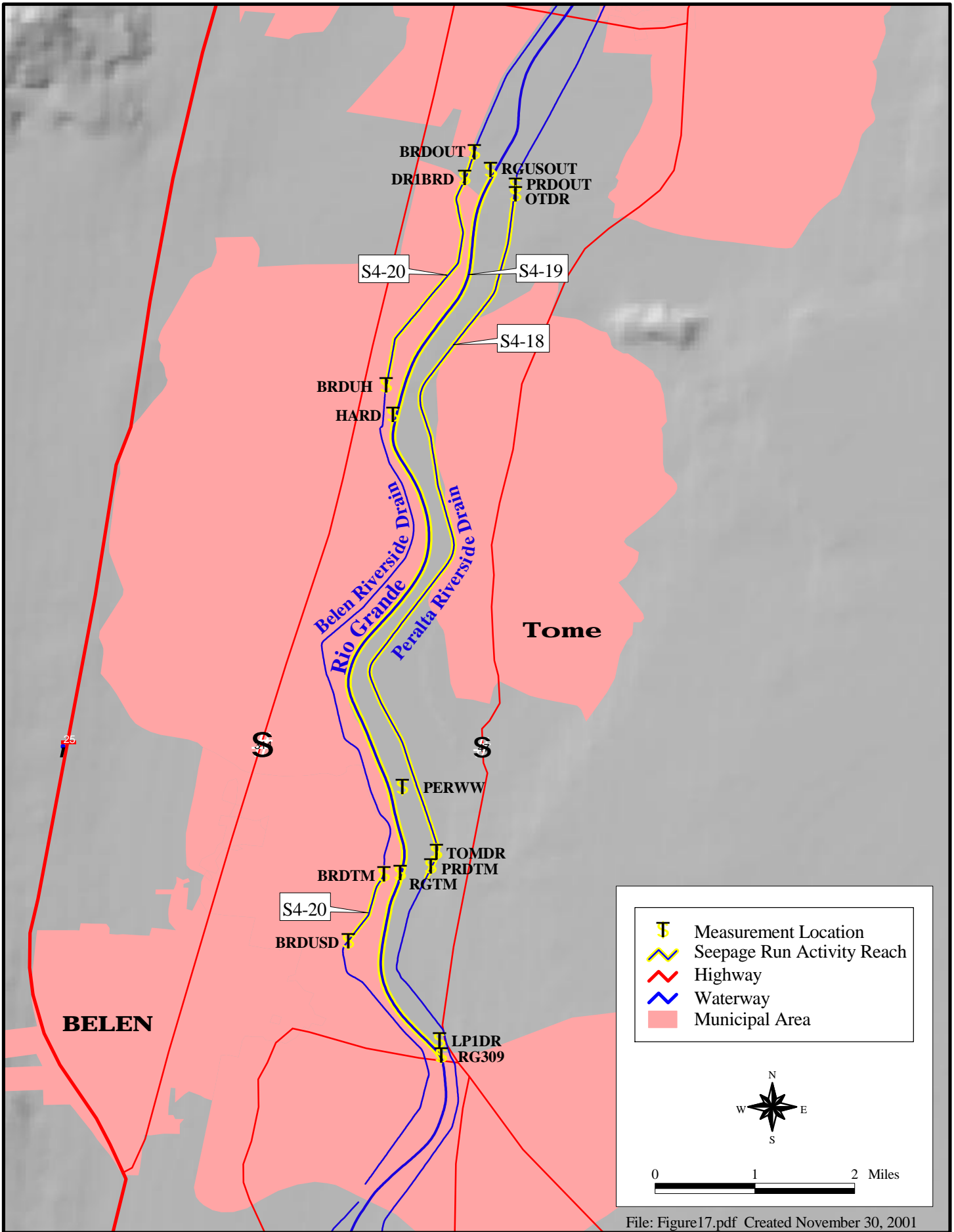


Figure 17. Seepage Run Activities S4-18, S4-19, and S4-20

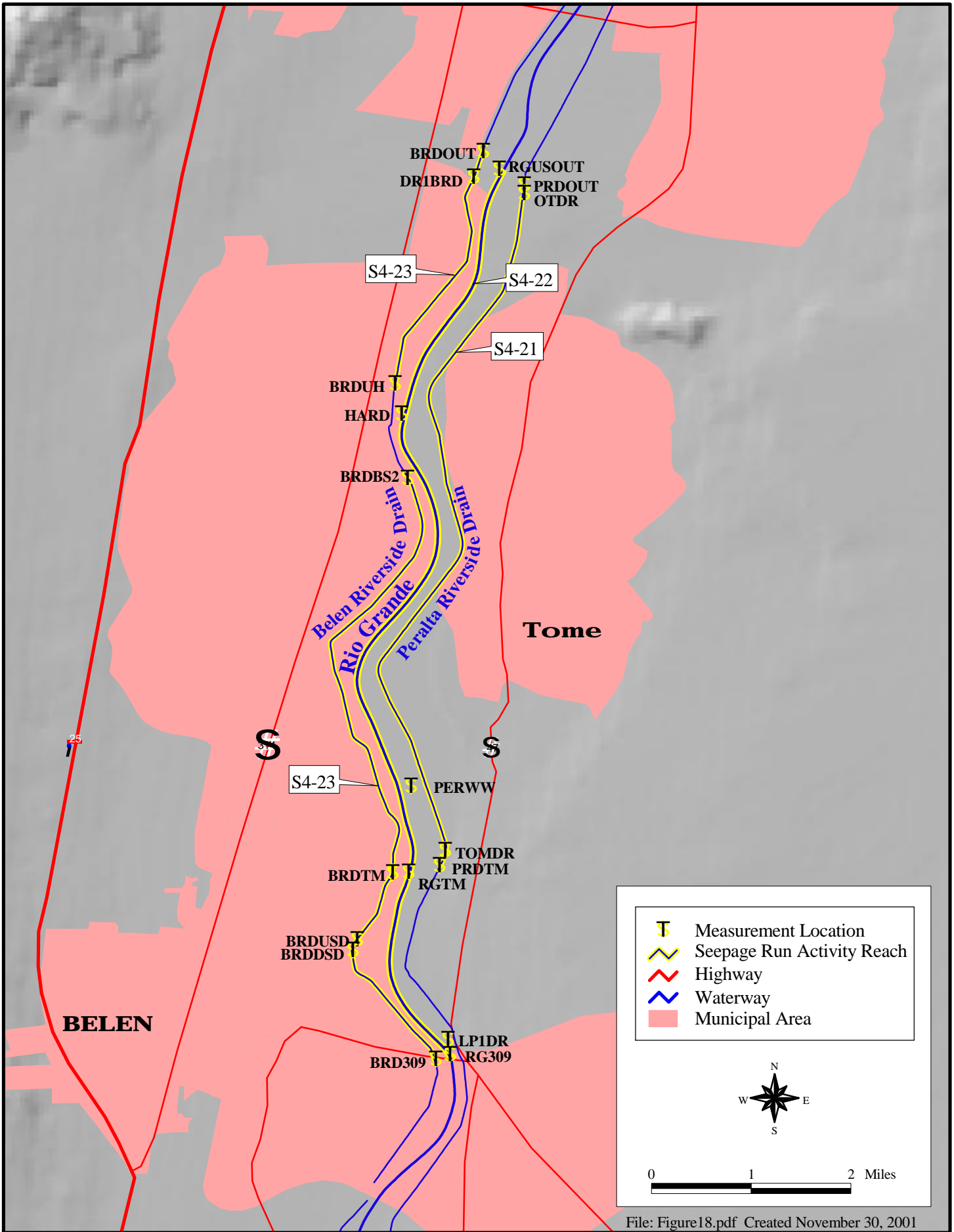


Figure 18. Seepage Run Activities S4-21, S4-22, and S4-23



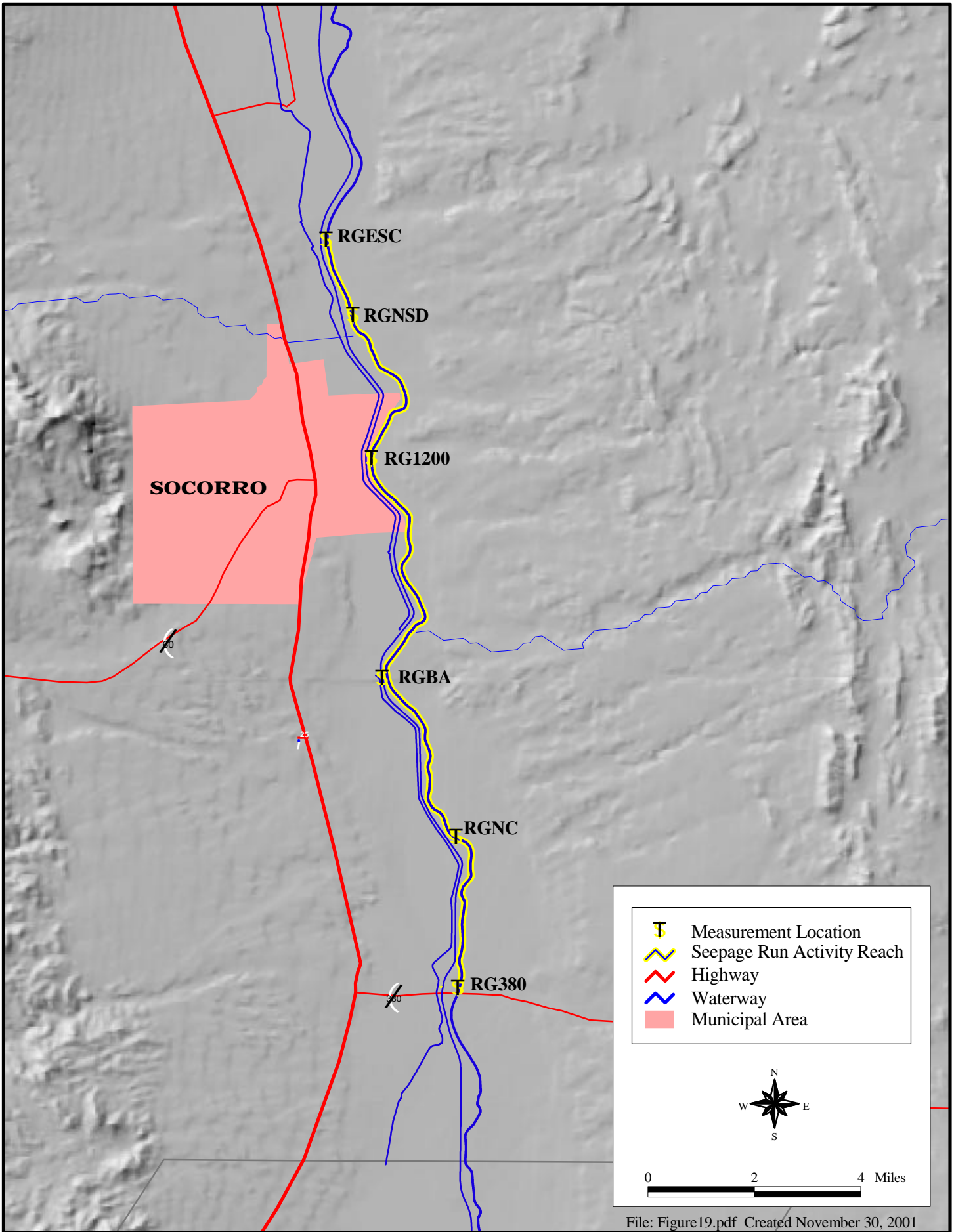


Figure 19. Seepage Run Activity S4-24

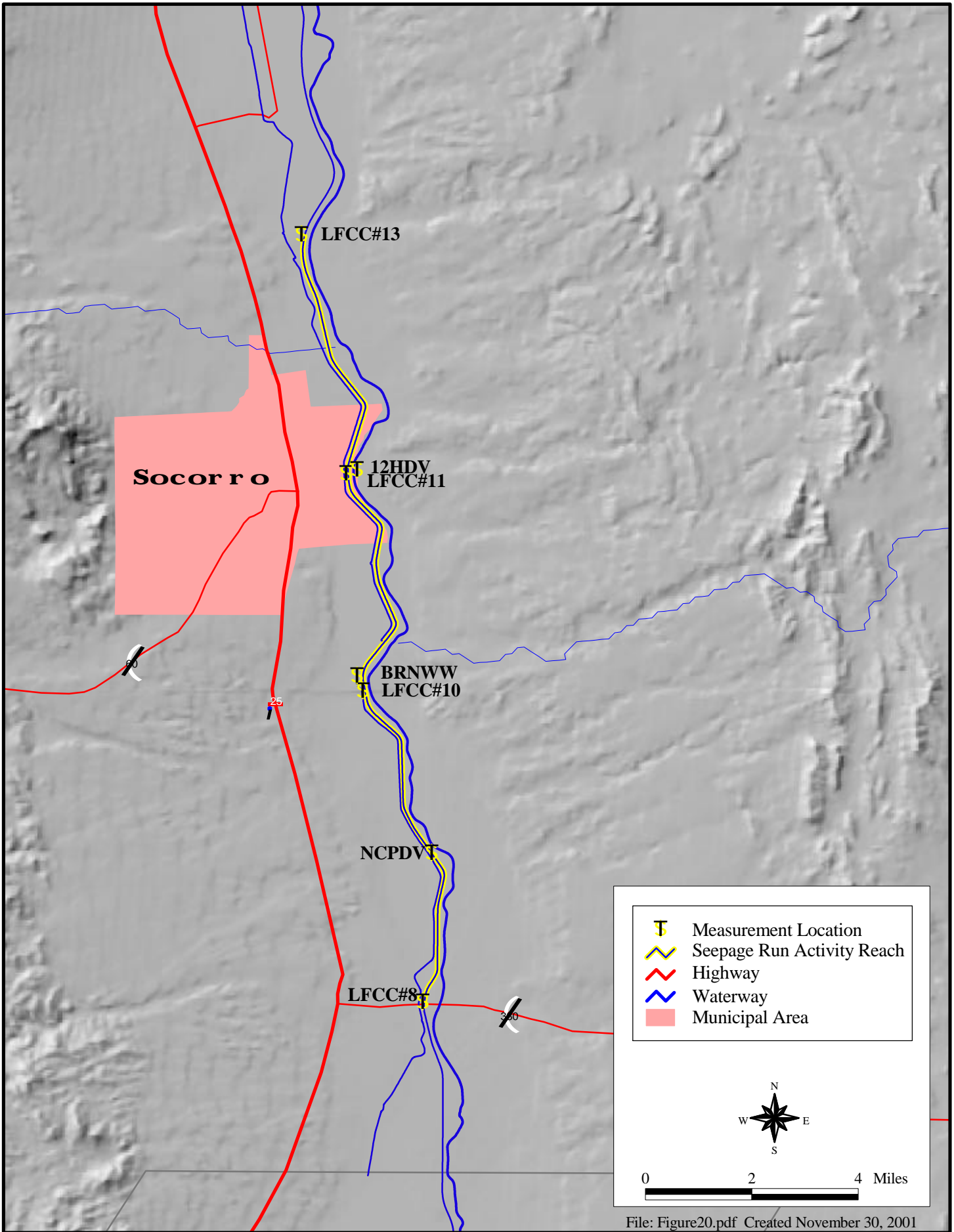


Figure 20. Seepage Run Activity S4-25



Figure 21

Measured Discharge, Adjusted Discharge, and Estimated Seepage for the Rio Grande Seepage Run, Socorro Division, S4-01, June 9-12, 2001

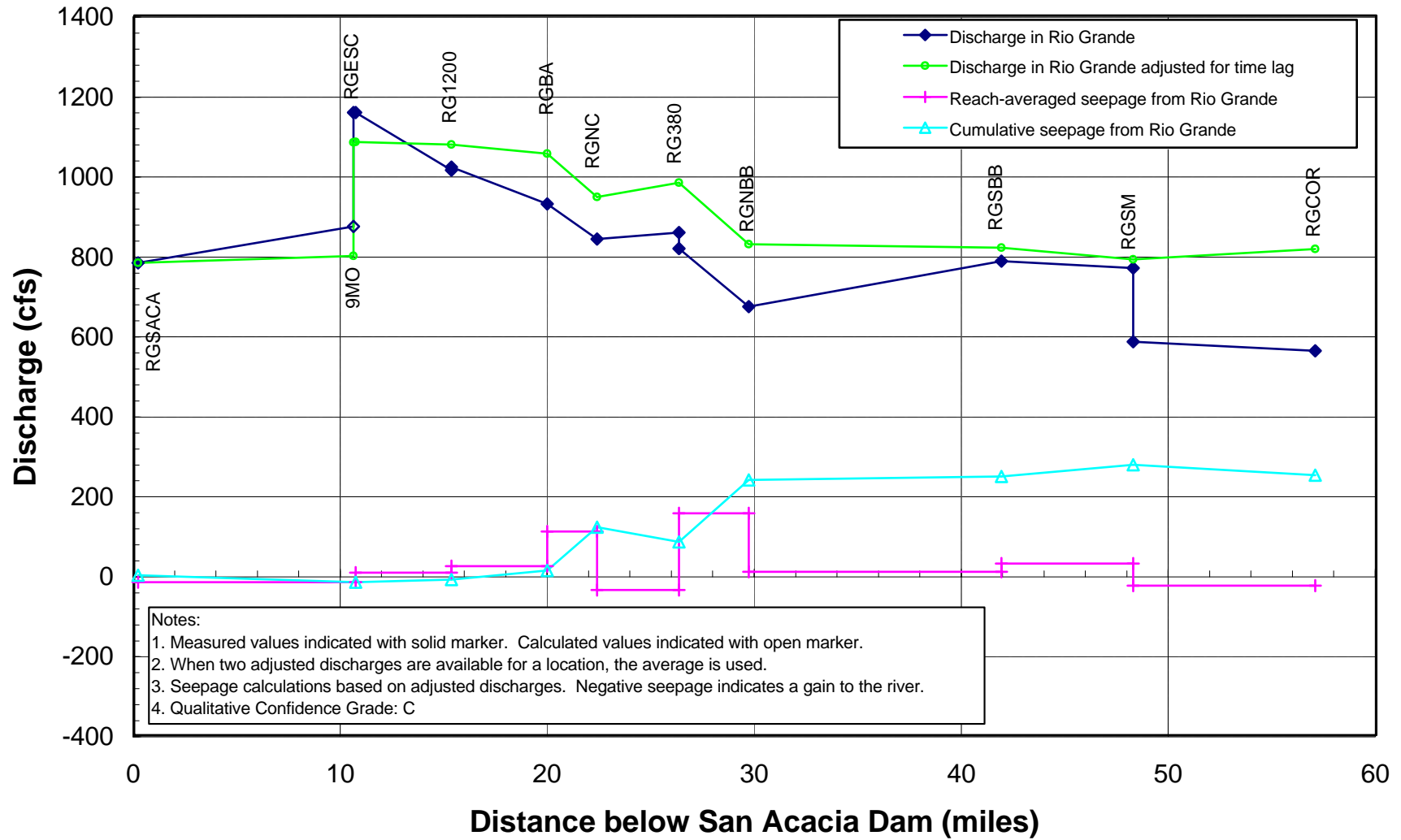


Figure 22

Measured Discharge and Estimated Seepage for the LFCC Seepage Run, Socorro Division, S4-02, June 10-13, 2001

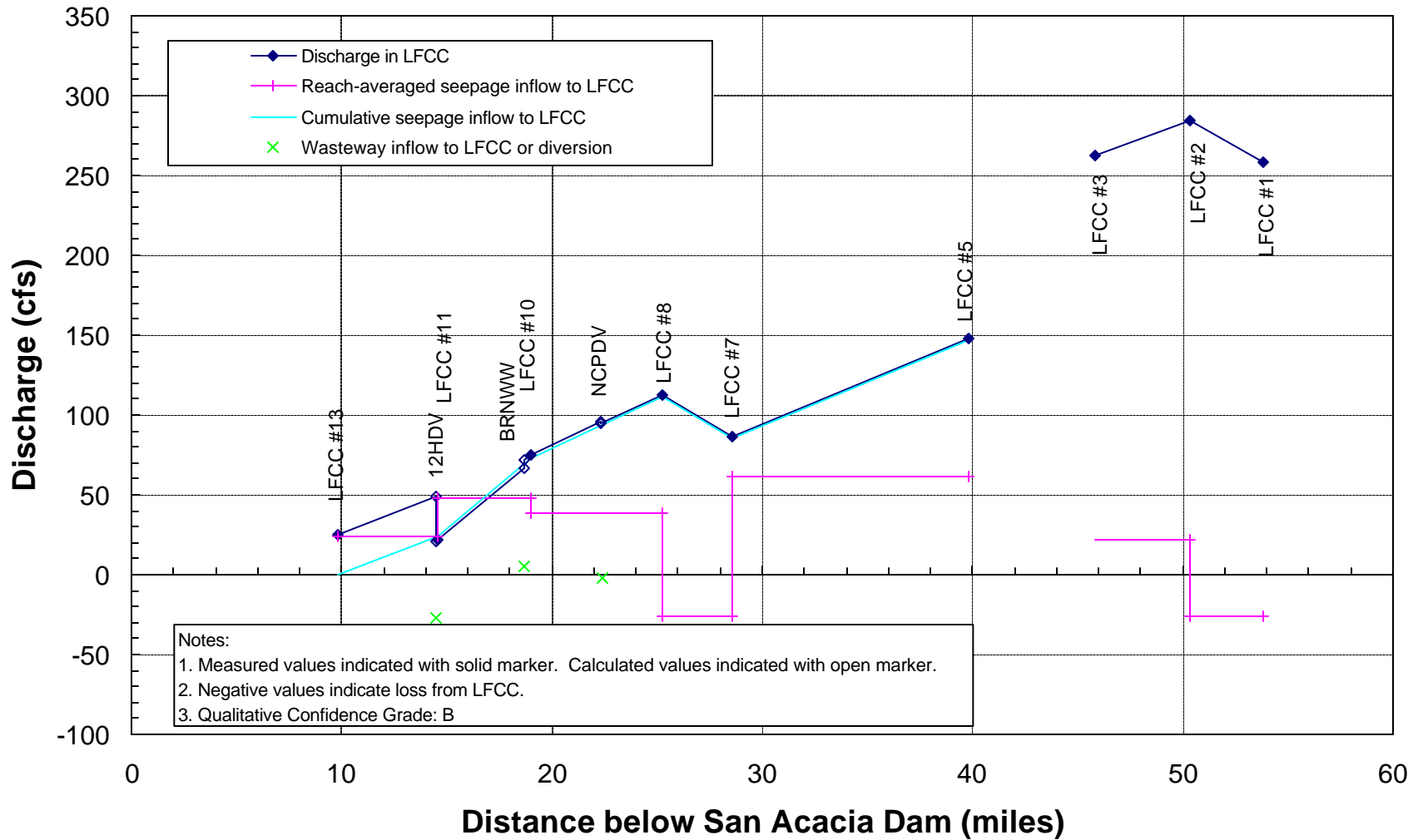


Figure 23

Measured Discharge and Estimated Seepage for the  
Rio Grande Seepage Run, Belen Division, S4-03, June 23-24, 2001

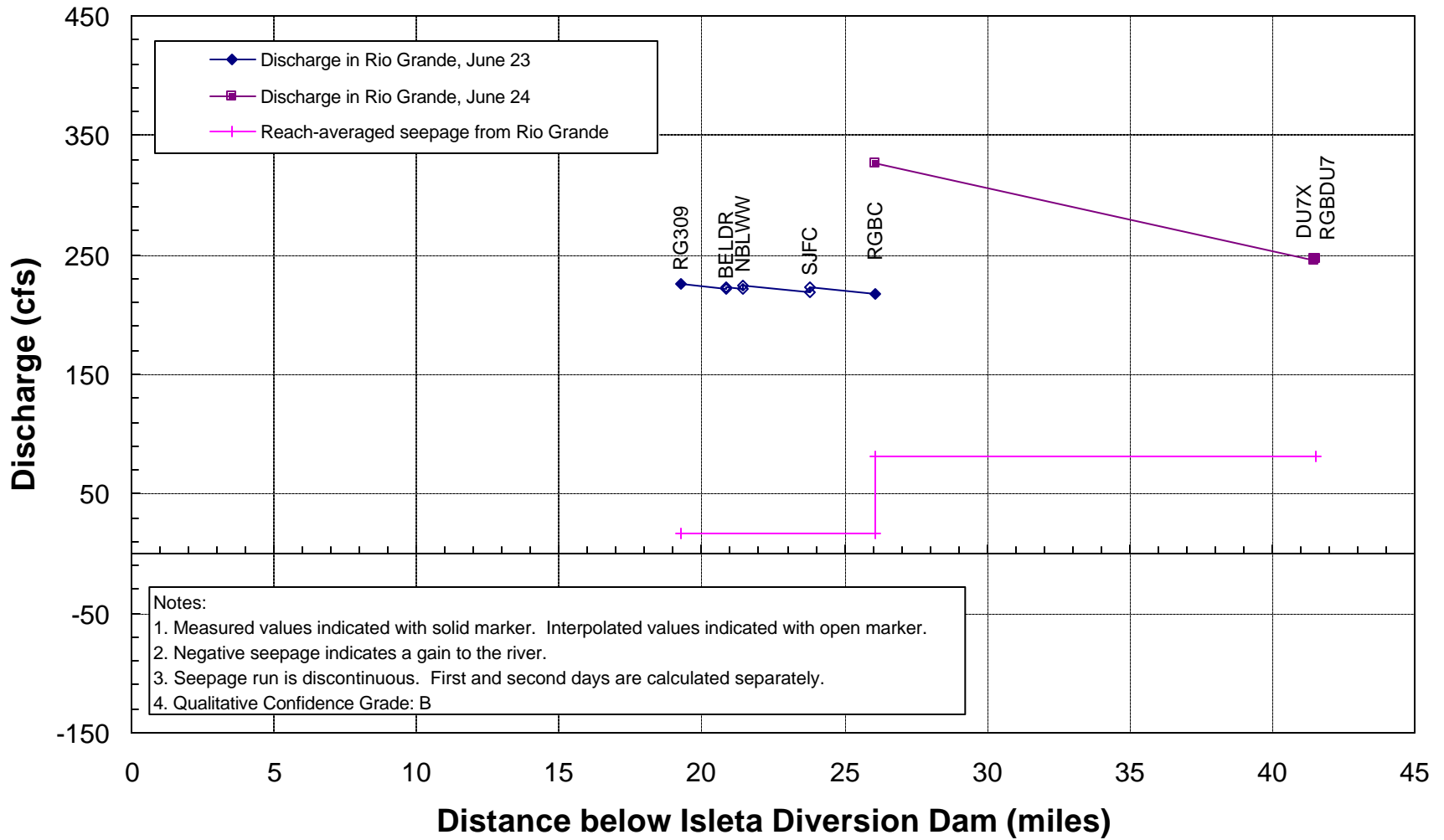


Figure 24

Measured Discharge, Adjusted Discharge, and Estimated Seepage for the Rio Grande Seepage Run, Socorro Division, S4-05, June 27, 2001

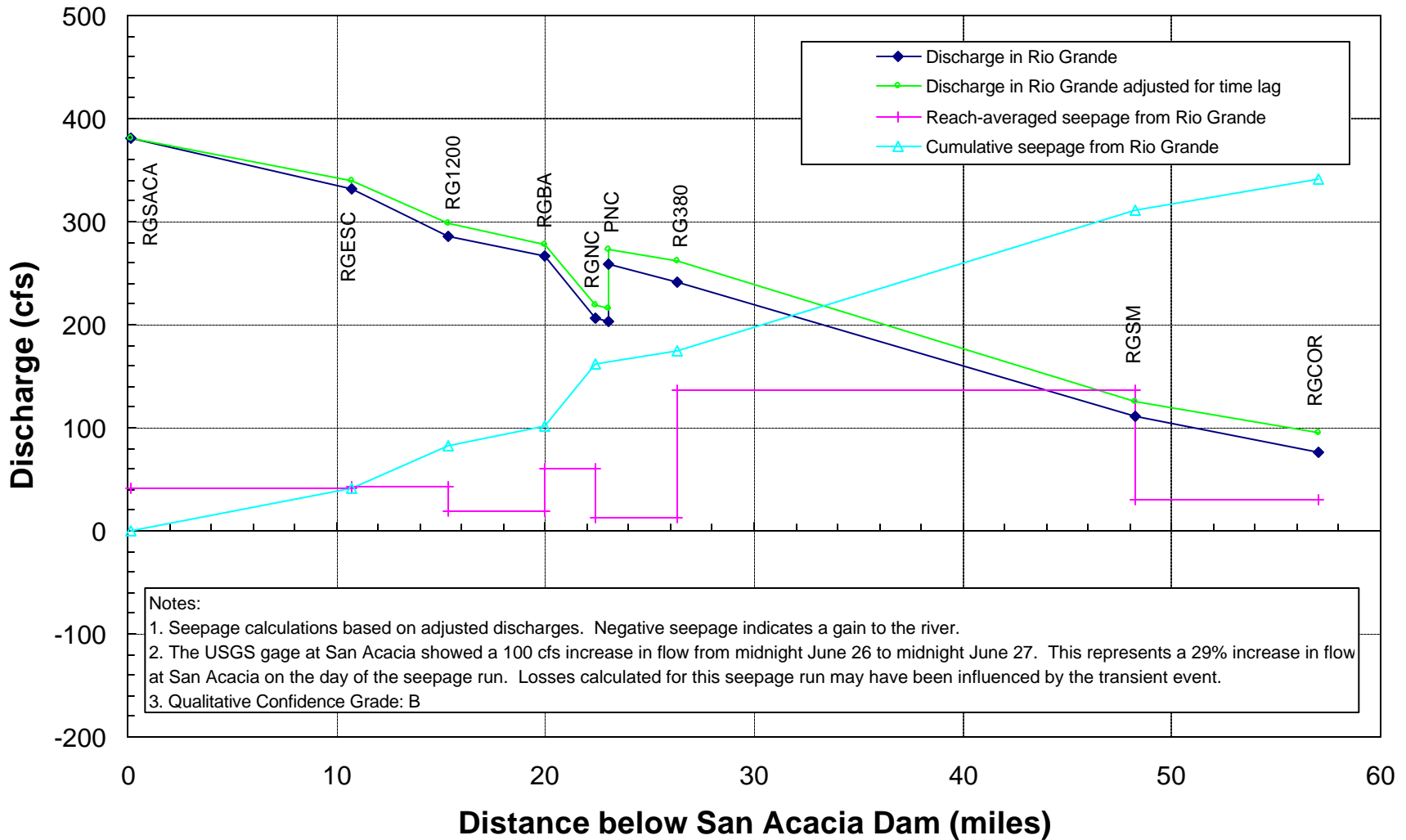


Figure 25

Measured Discharge and Estimated Seepage for the Rio Grande Seepage Run, Belen Division, S4-06, June 28-29, 2001

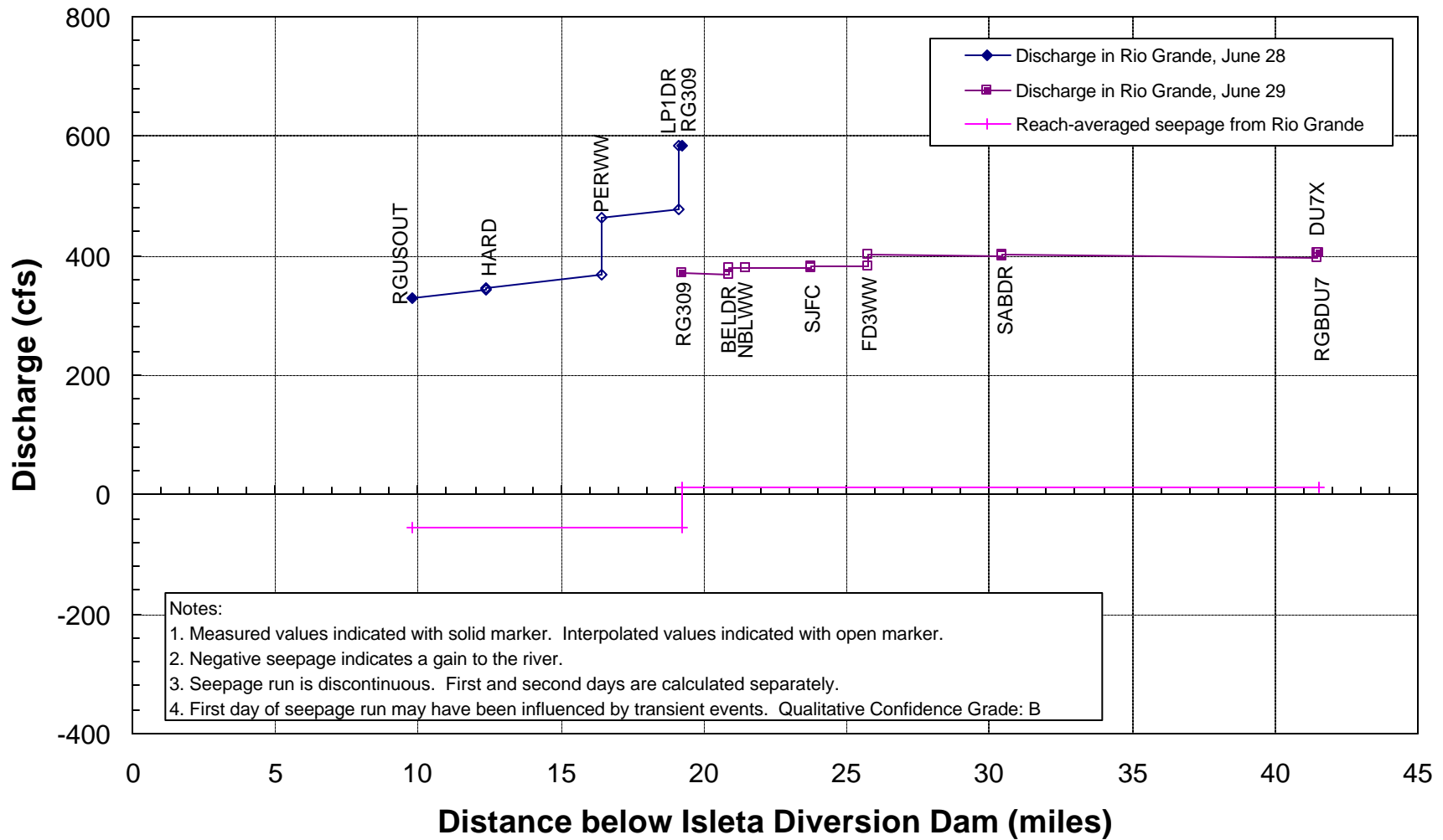
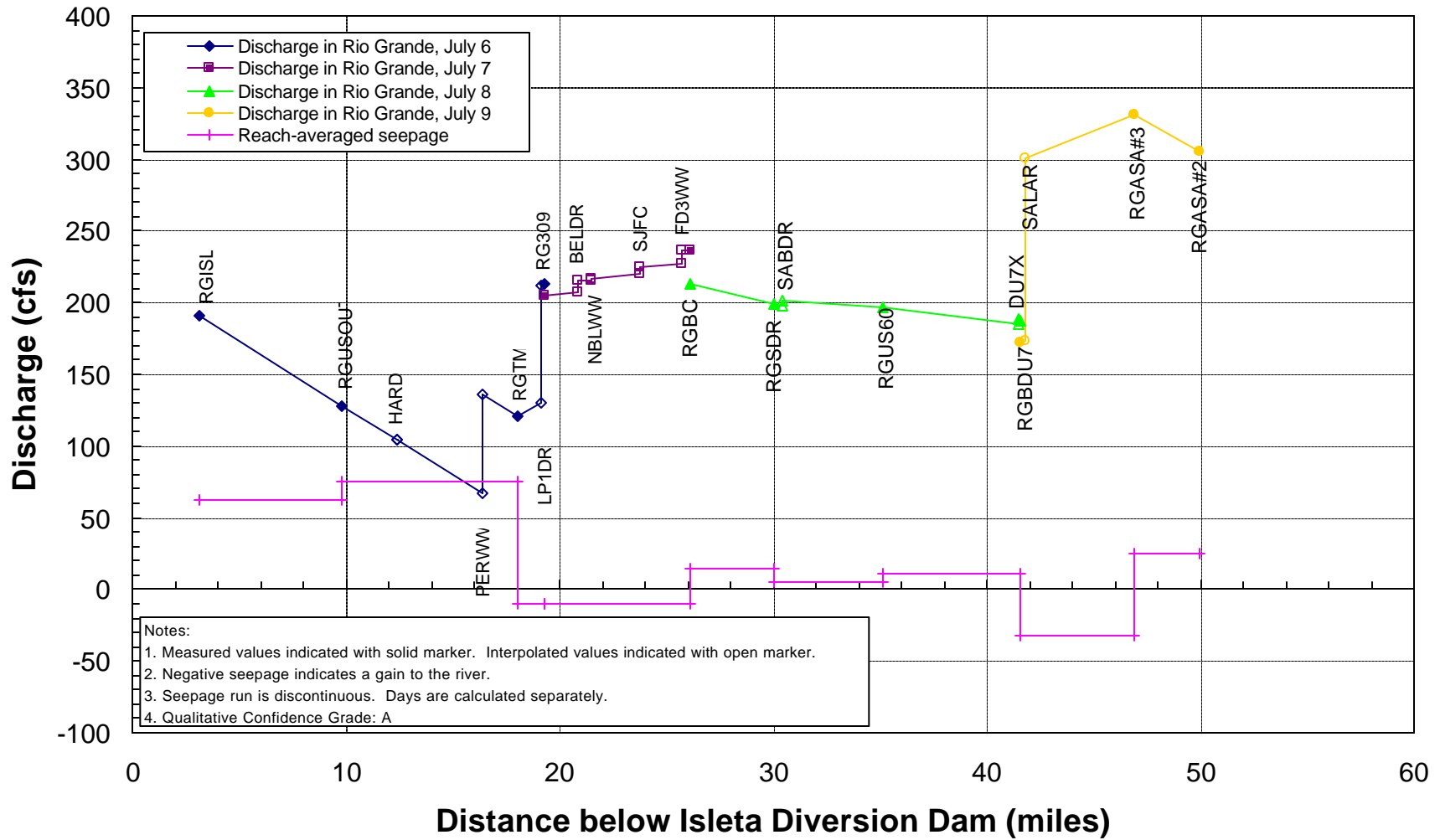


Figure 26

Measured Discharge and Estimated Seepage for the Rio Grande Seepage Run, Belen Division, S4-07, July 6-9, 2001



Notes:  
 1. Measured values indicated with solid marker. Interpolated values indicated with open marker.  
 2. Negative seepage indicates a gain to the river.  
 3. Seepage run is discontinuous. Days are calculated separately.  
 4. Qualitative Confidence Grade: A

Figure 27

Measured Discharge and Estimated Seepage for the  
La Joya Acequia Seepage Run, Belen Division, S4-08, July 10, 2001

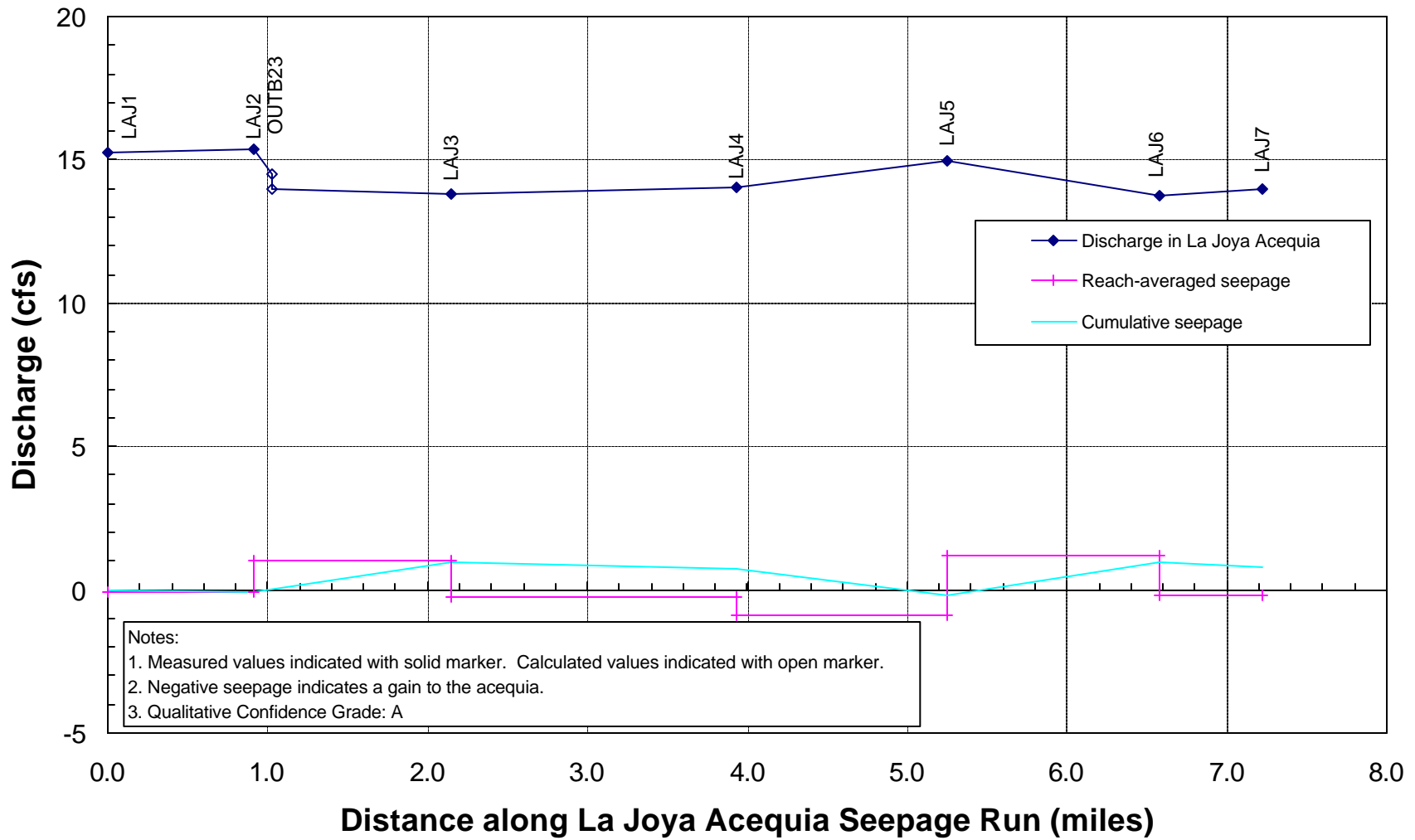


Figure 28

Measured Discharge and Estimated Seepage for the Socorro Main Canal Seepage Run, Socorro Division, S4-09, July 18, 2001

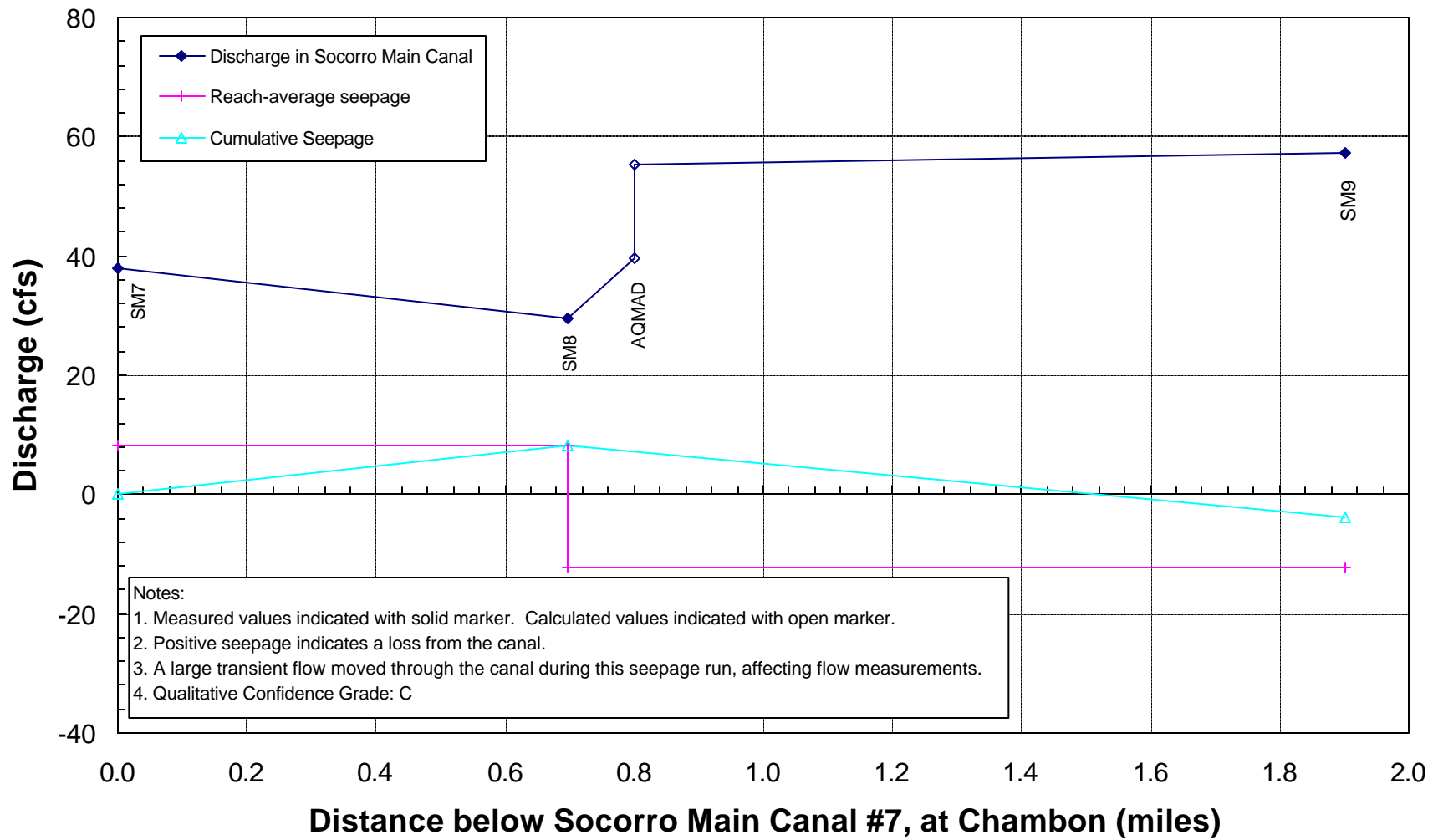




Figure 29

Measured Discharge and Estimated Seepage for the Socorro Main Canal Seepage Run, Socorro Division, S4-10, July 19, 2001

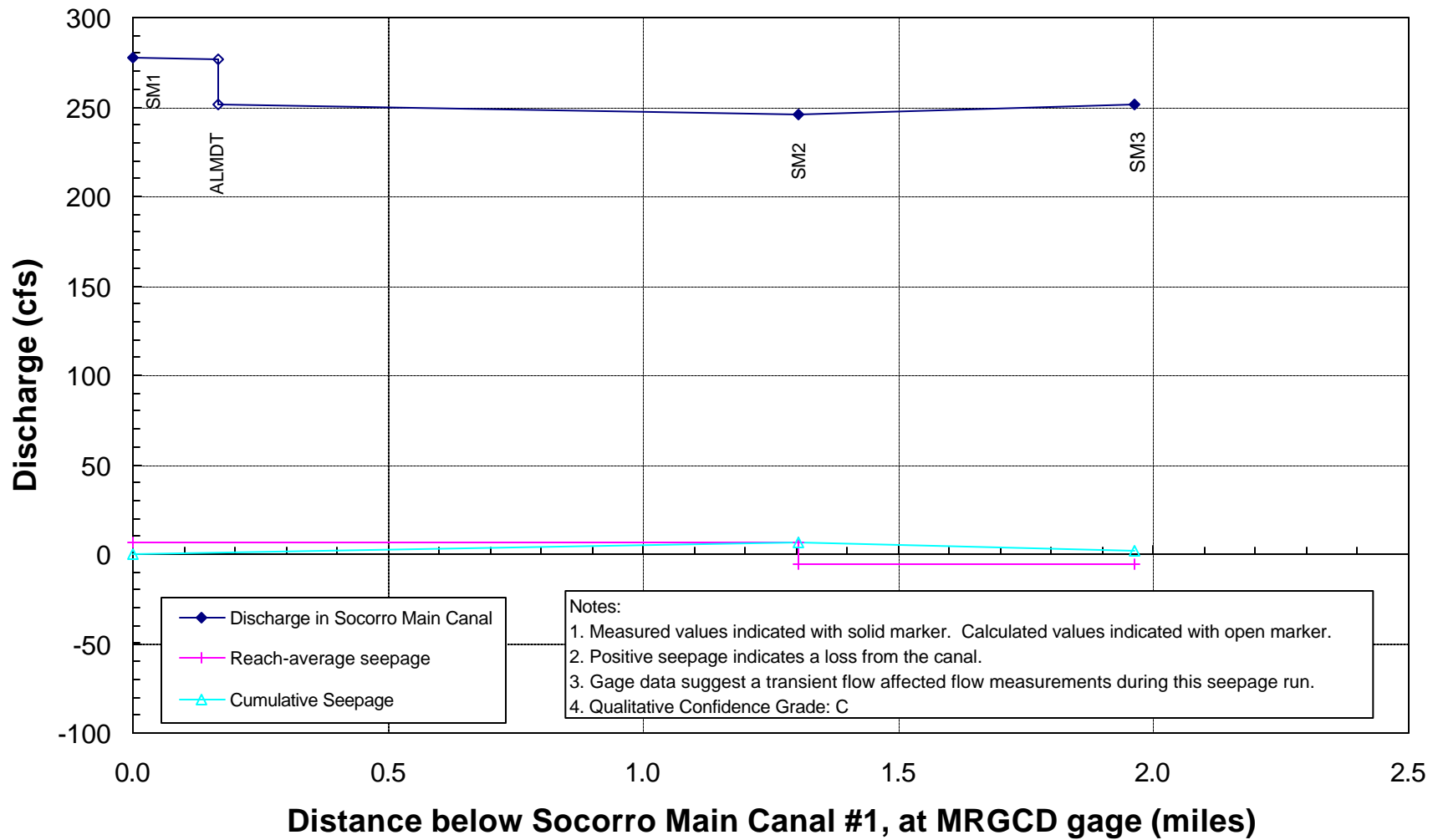


Figure 30

Measured Discharge and Estimated Seepage for the Socorro Main Canal Seepage Run, Socorro Division, S4-11, July 20, 2001

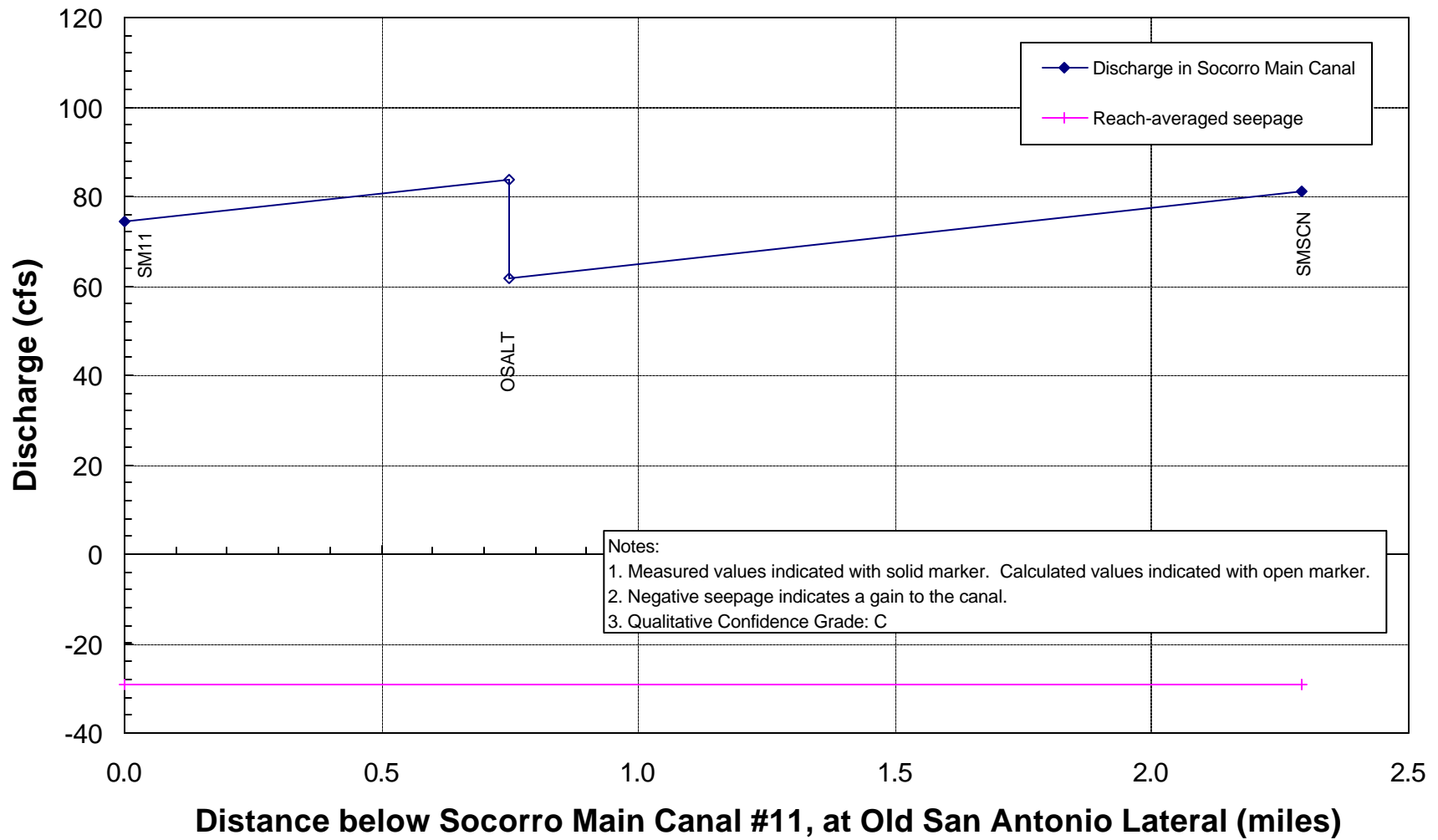


Figure 31

Measured Discharge and Estimated Seepage for the Lower San Juan Riverside Drain Seepage Run, Belen Division, S4-12, July 22, 2001

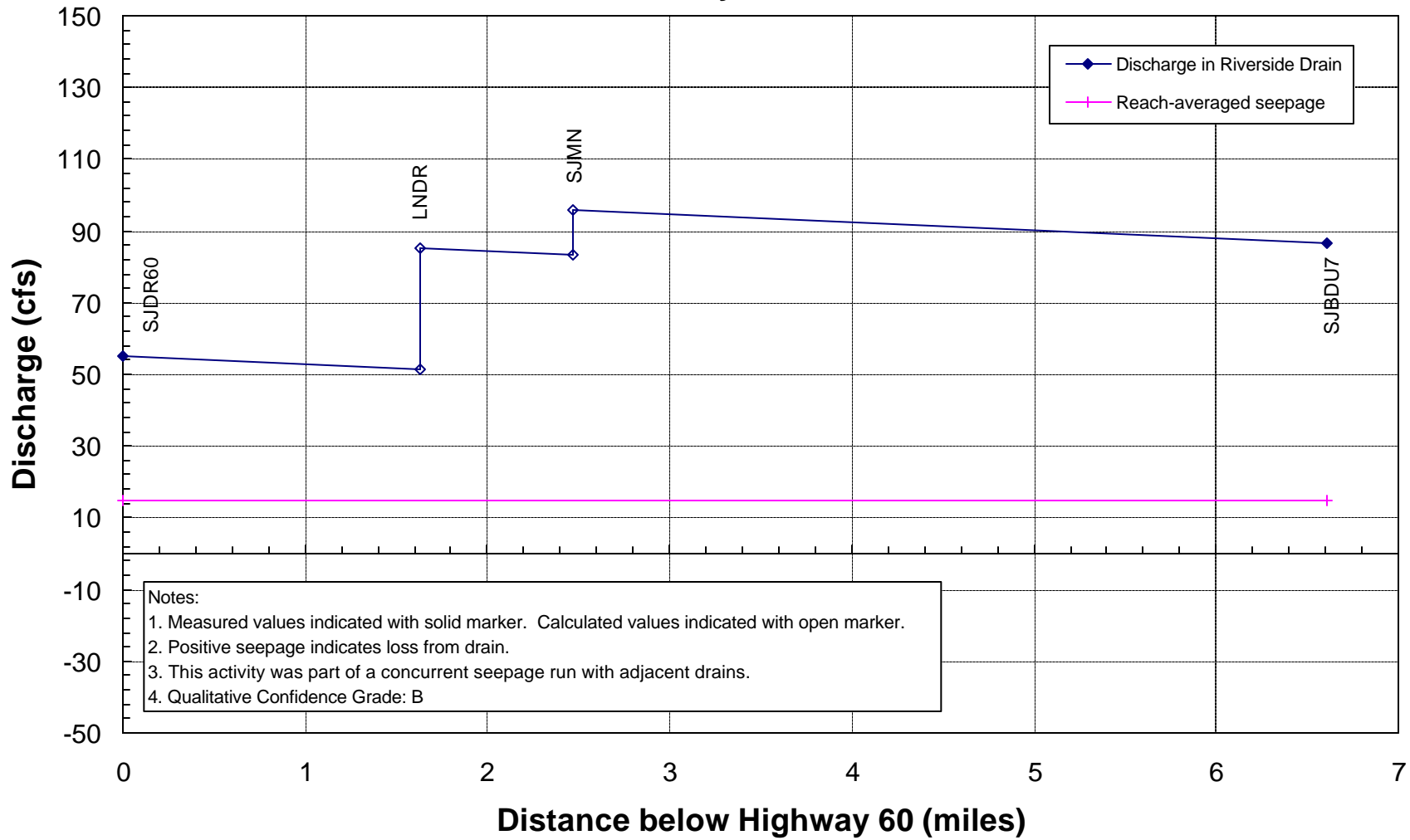


Figure 32

Measured Discharge and Estimated Seepage for the  
Belen Division Rio Grande Seepage Run, Belen Division, S4-13, July 22, 2001

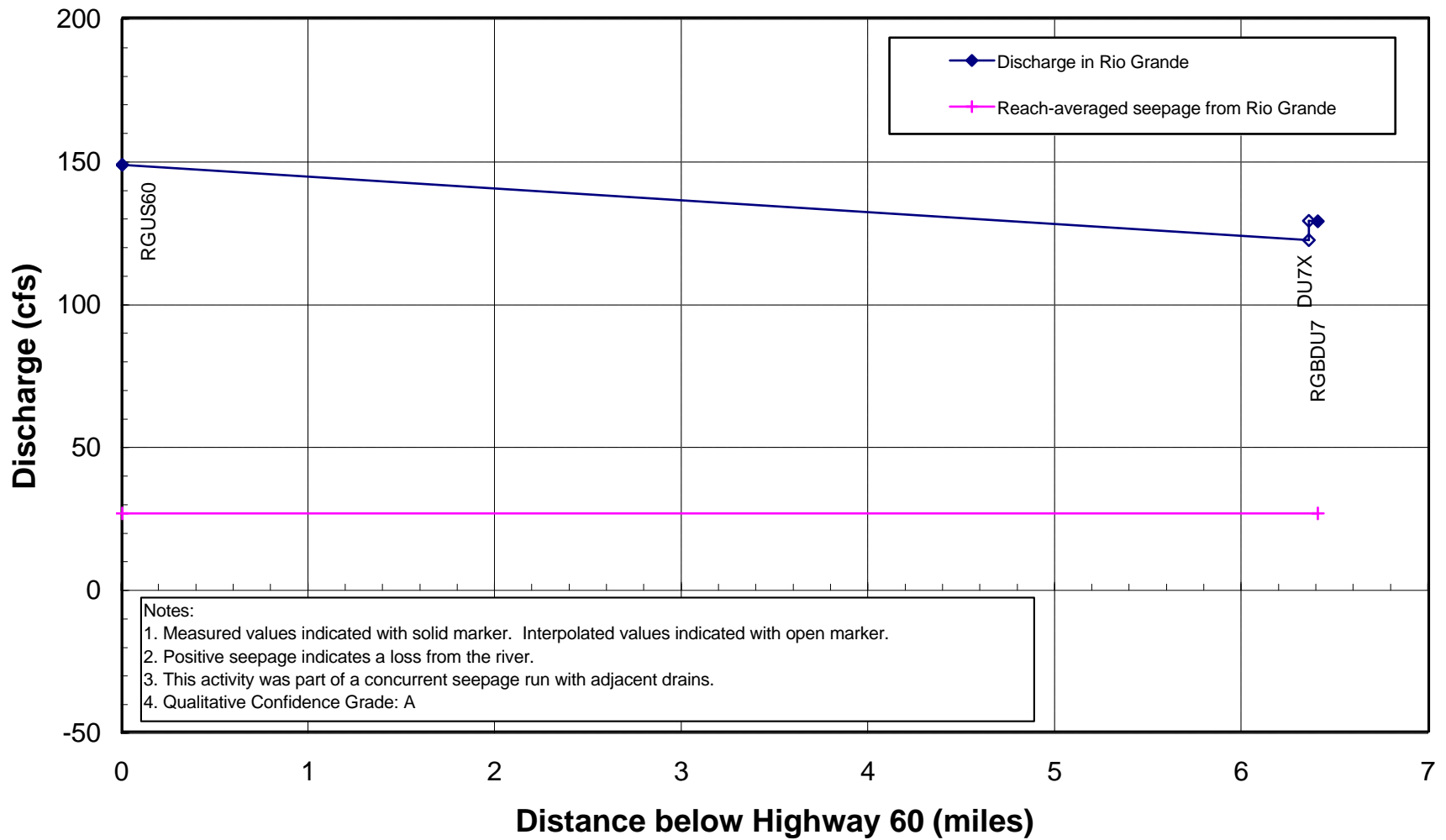


Figure 33

Measured Discharge and Estimated Seepage for the Lower San Juan Riverside Drain Seepage Run, Belen Division, S4-15, July 23, 2001

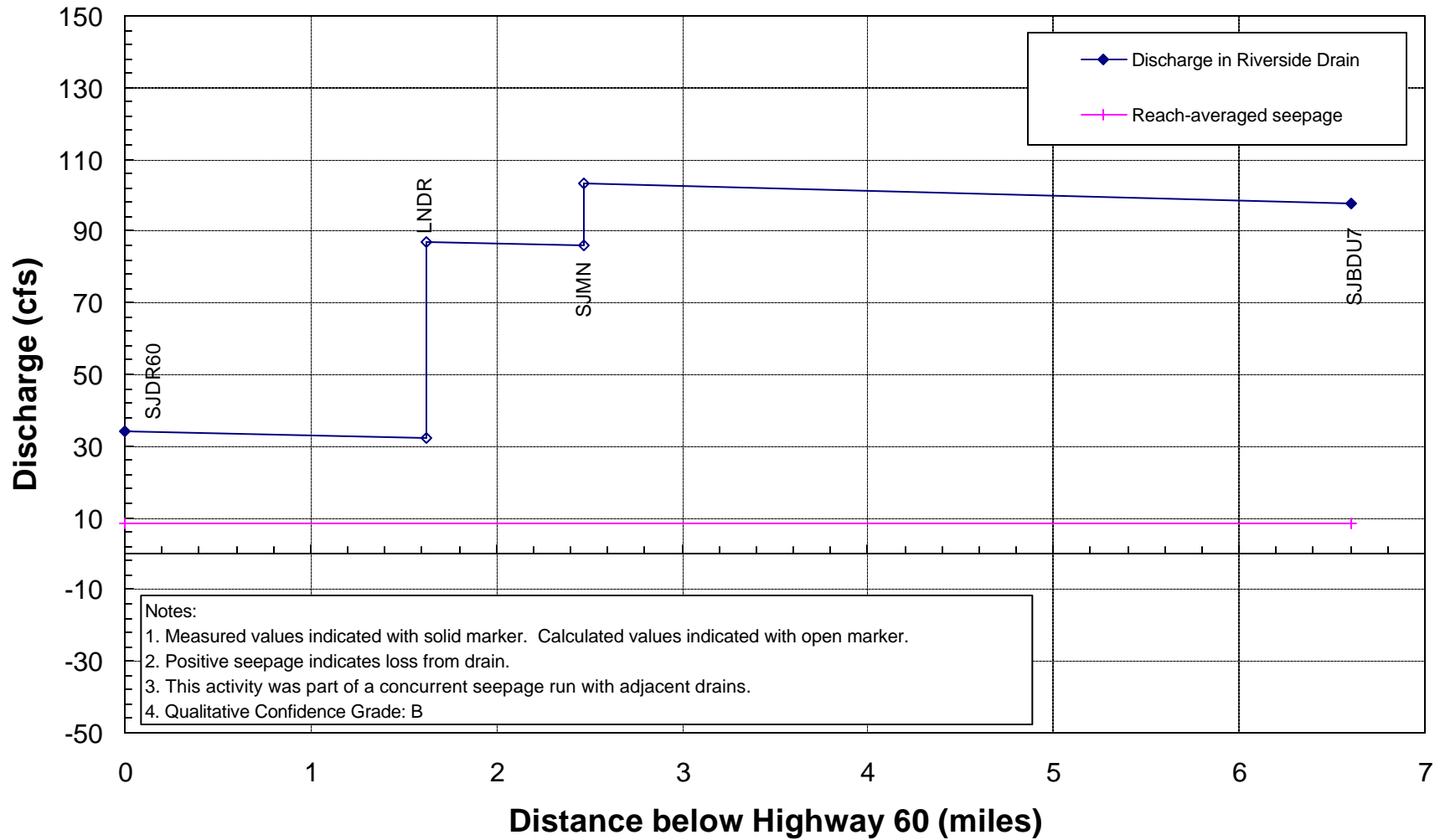


Figure 34

Measured Discharge and Estimated Seepage for the Rio Grande Seepage Run, Belen Division, S4-16, July 23-24, 2001

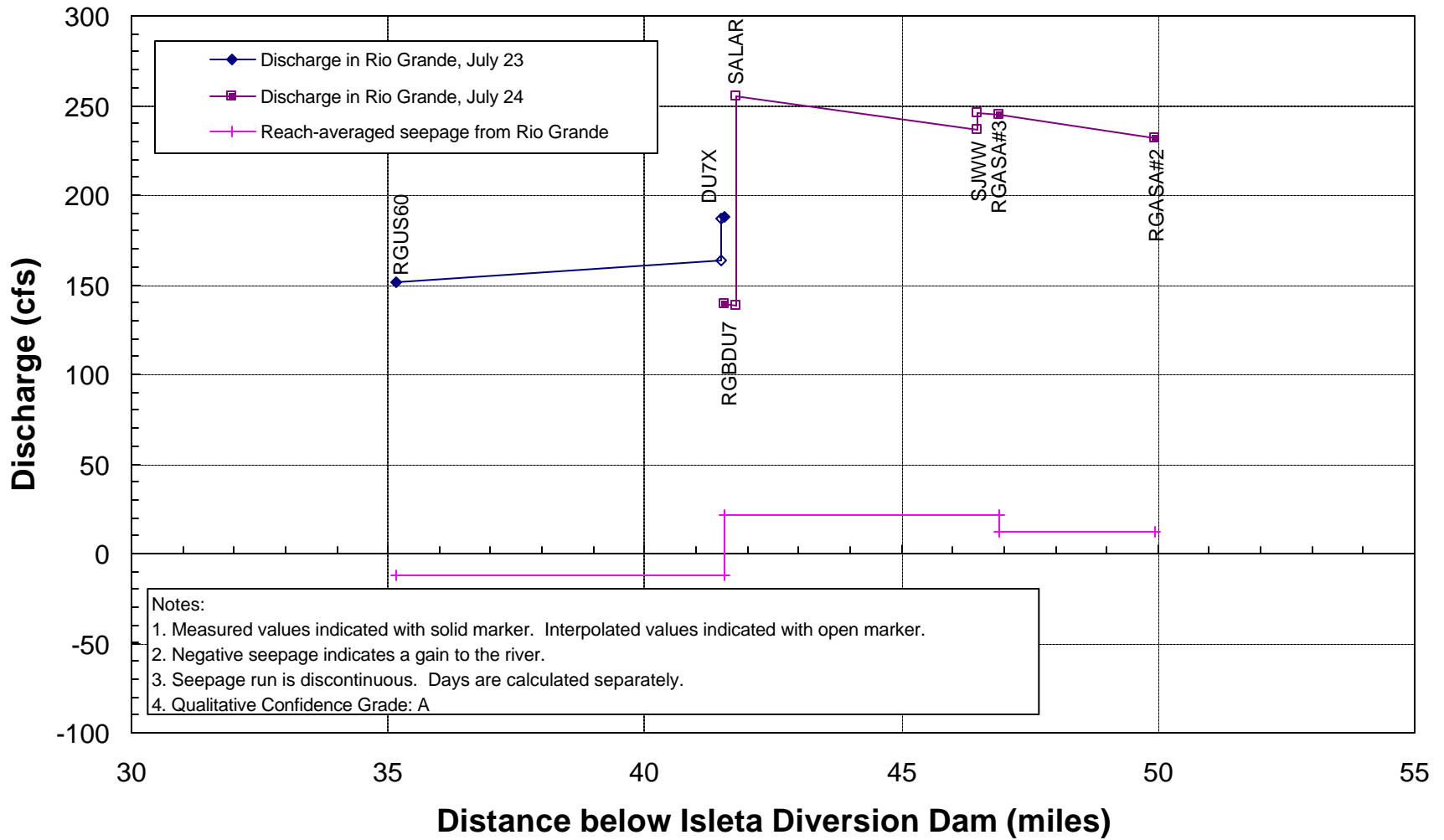


Figure 35

Measured Discharge and Estimated Seepage for the West Riverside Drains Seepage Run, Belen Division, S4-17, July 23-24, 2001

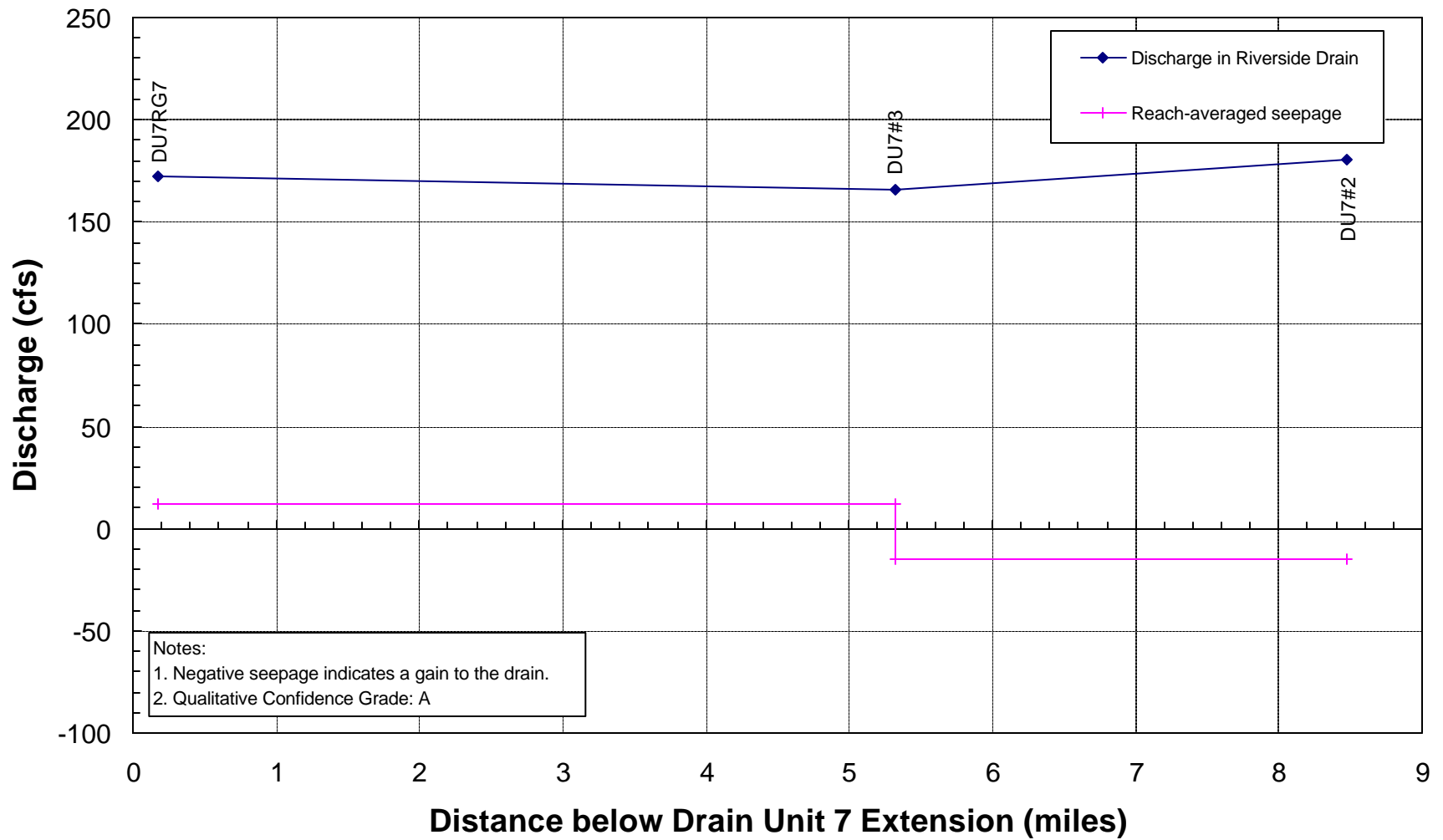


Figure 36

Measured Discharge and Estimated Seepage for the Peralta Riverside Drain Seepage Run, Belen Division, S4-18, July 25, 2001

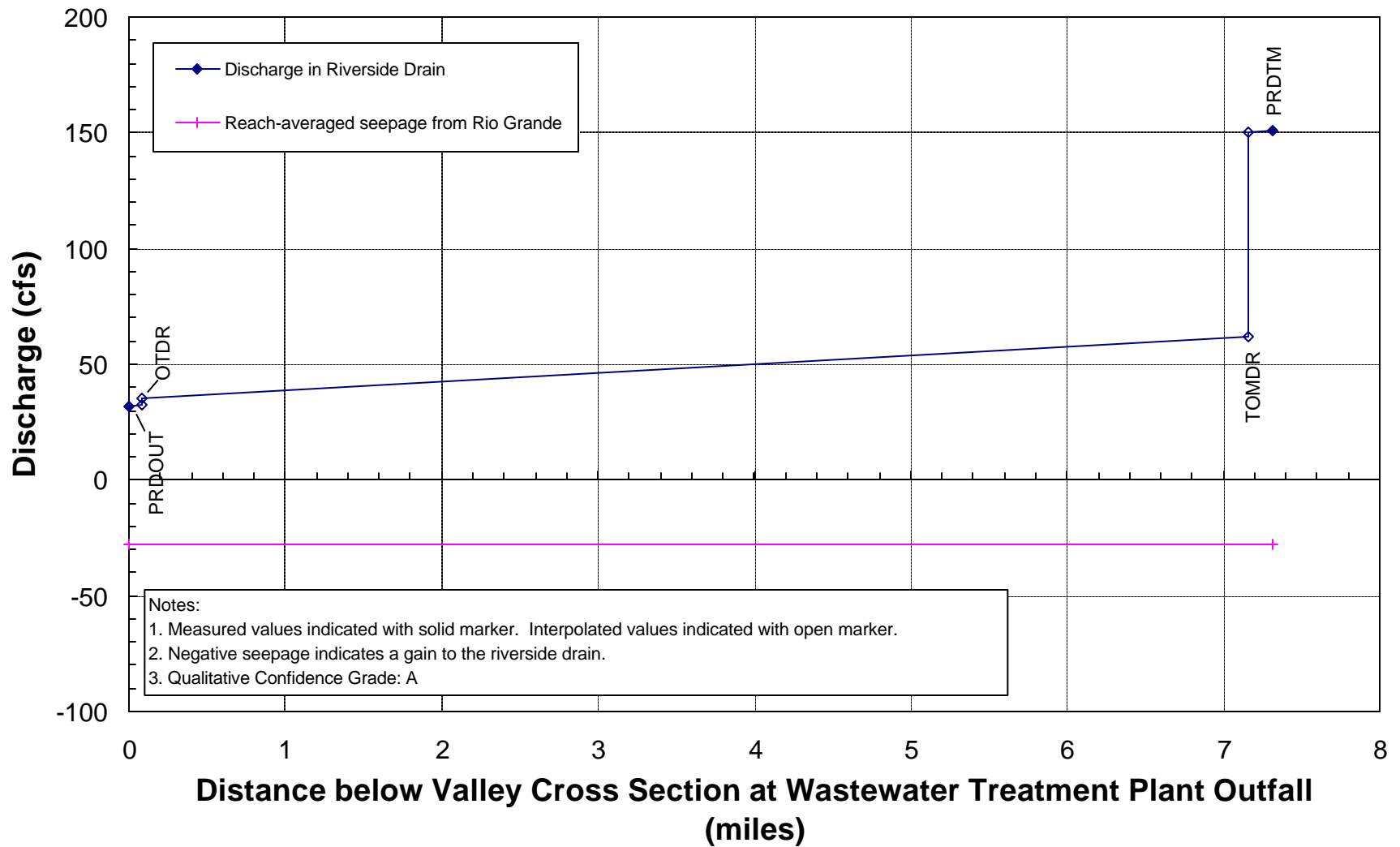




Figure 37

Measured Discharge and Estimated Seepage for the Rio Grande Seepage Run, Belen Division, S4-19, July 25-26, 2001

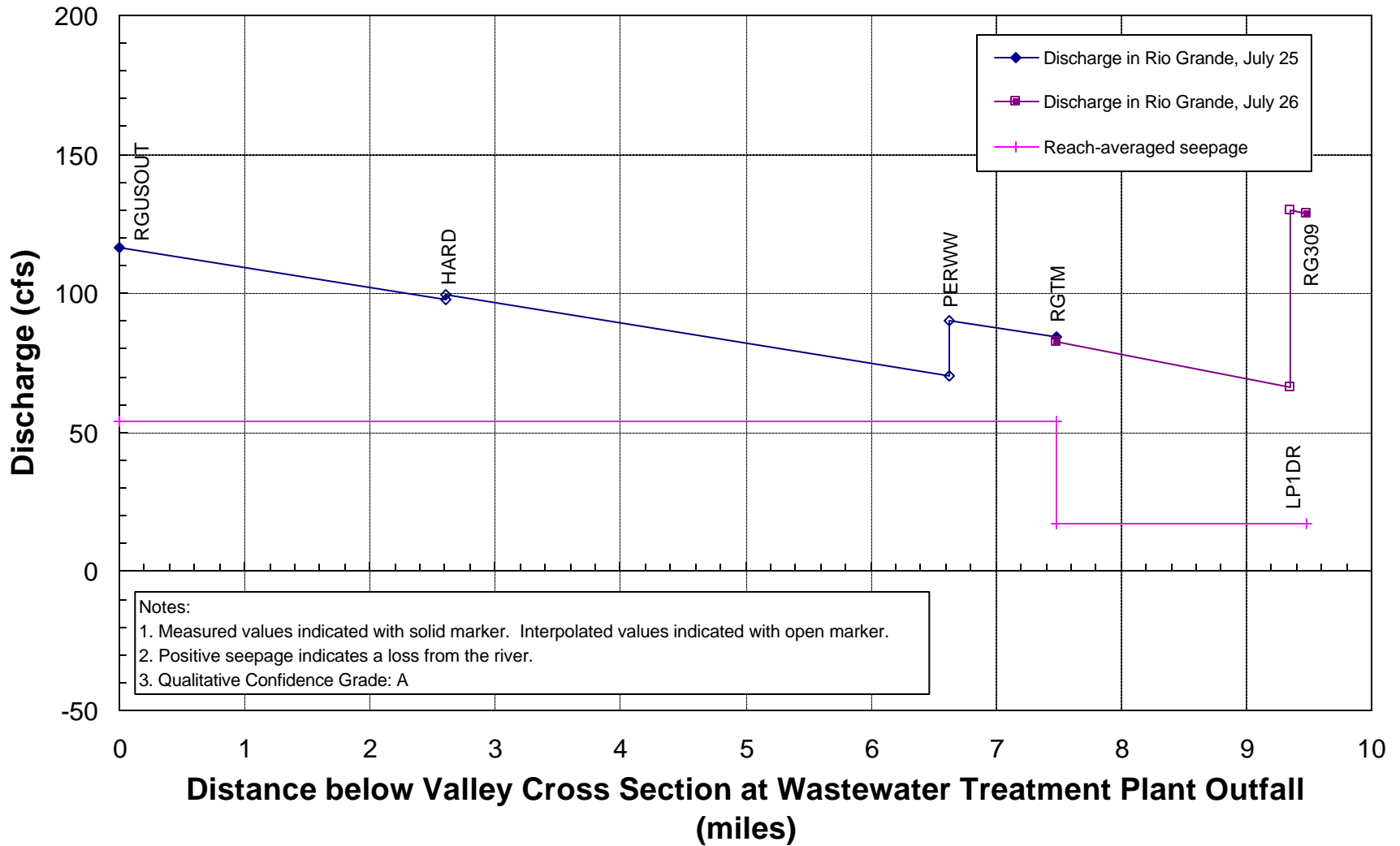


Figure 38

Measured Discharge and Estimated Seepage for the  
Belen Riverside Drain Seepage Run, Reach 1, Belen Division,  
S4-20, July 25, 2001

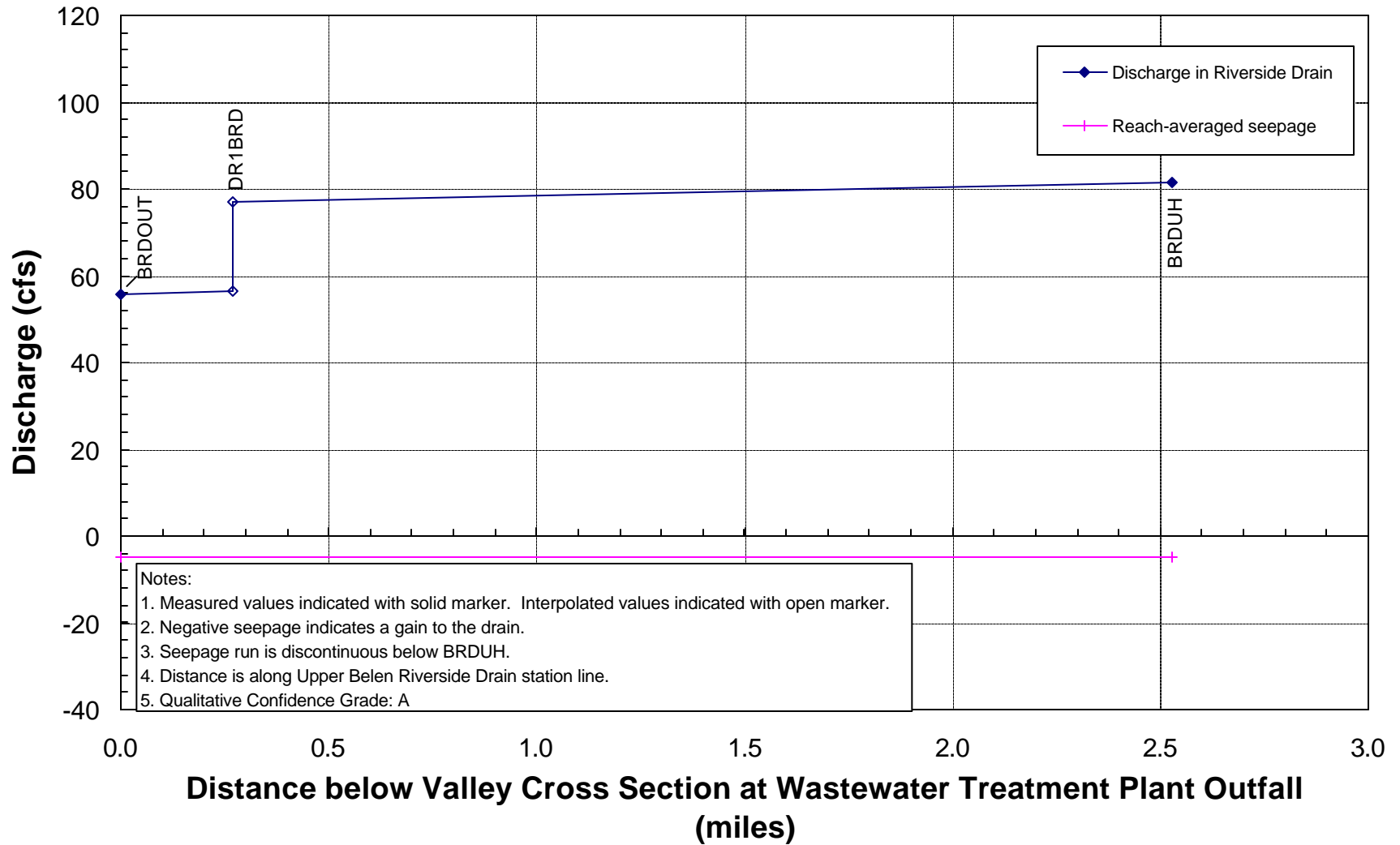


Figure 39

Measured Discharge and Estimated Seepage for the  
Belen Riverside Drain Seepage Run, Reach 2, Belen Division  
S4-20, July 26, 2001

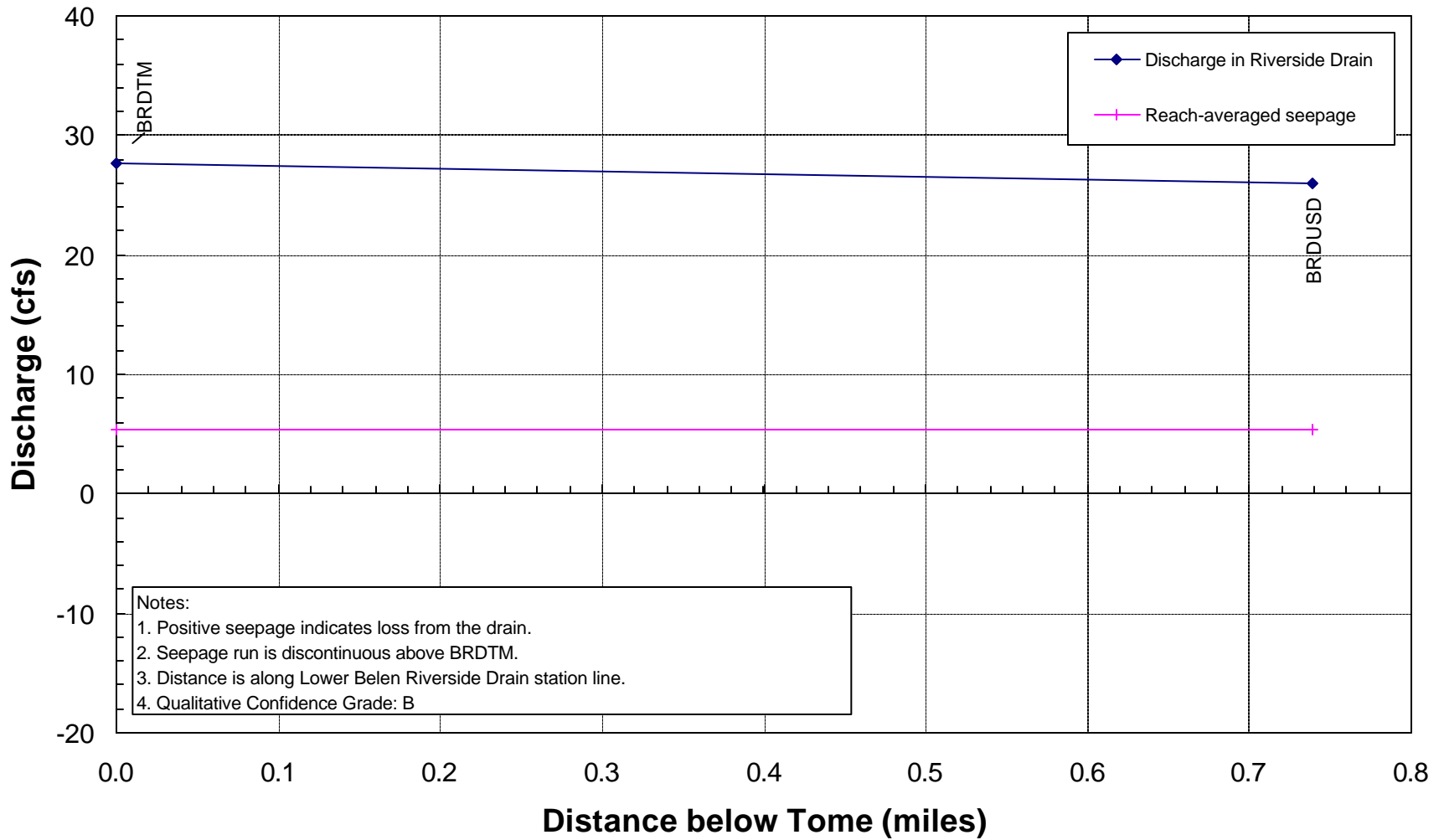


Figure 40

Measured Discharge and Estimated Seepage for the Peralta Riverside Drain Seepage Run, Belen Division, S4-21, August 2, 2001

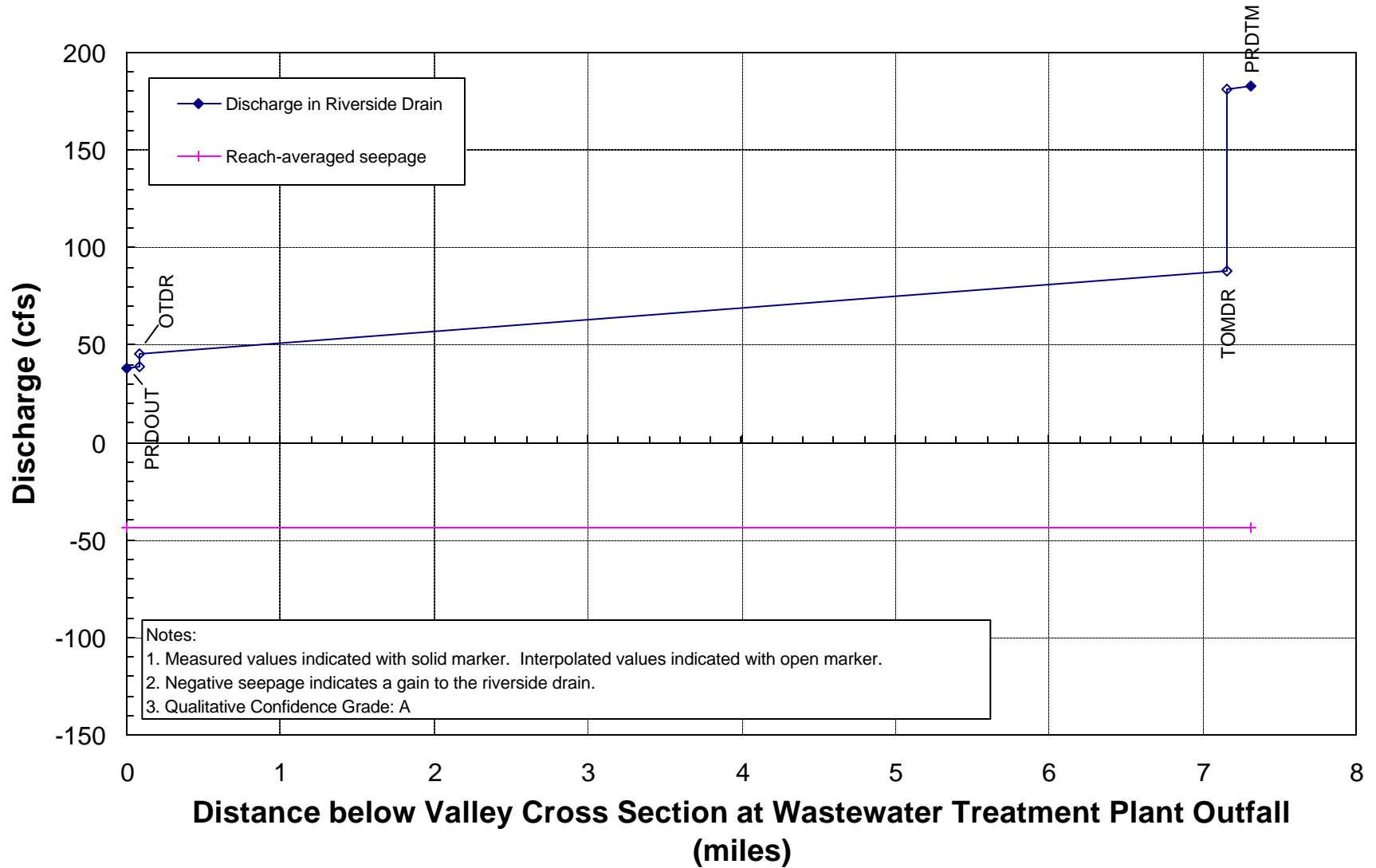


Figure 41

Measured Discharge and Estimated Seepage for the Rio Grande Seepage Run, Belen Division, S4-22, August 2-3, 2001

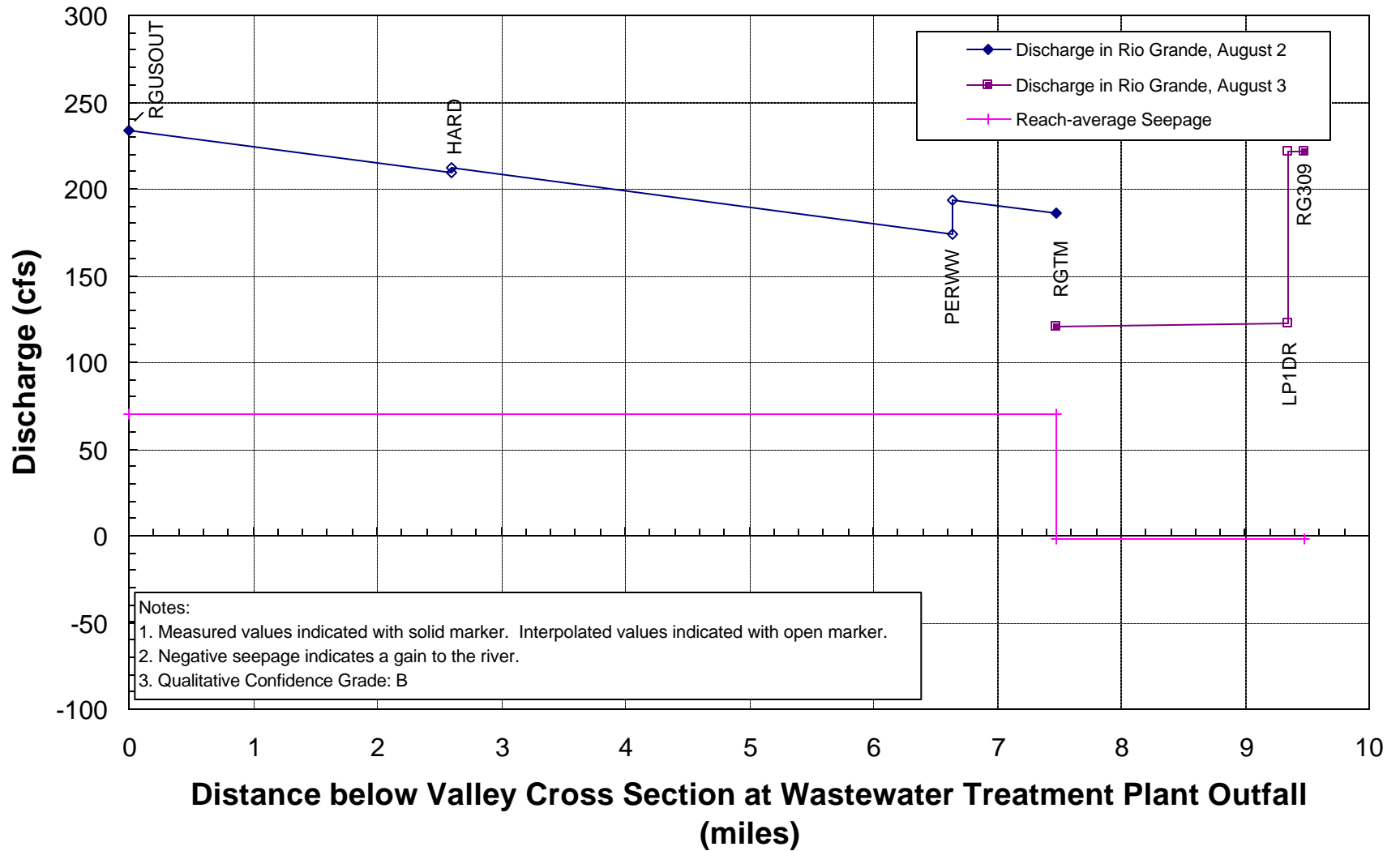


Figure 42

**Measured Discharge and Estimated Seepage for the  
Belen Riverside Drain Seepage Run, Reach 1, Belen Division,  
S4-23, August 2, 2001**

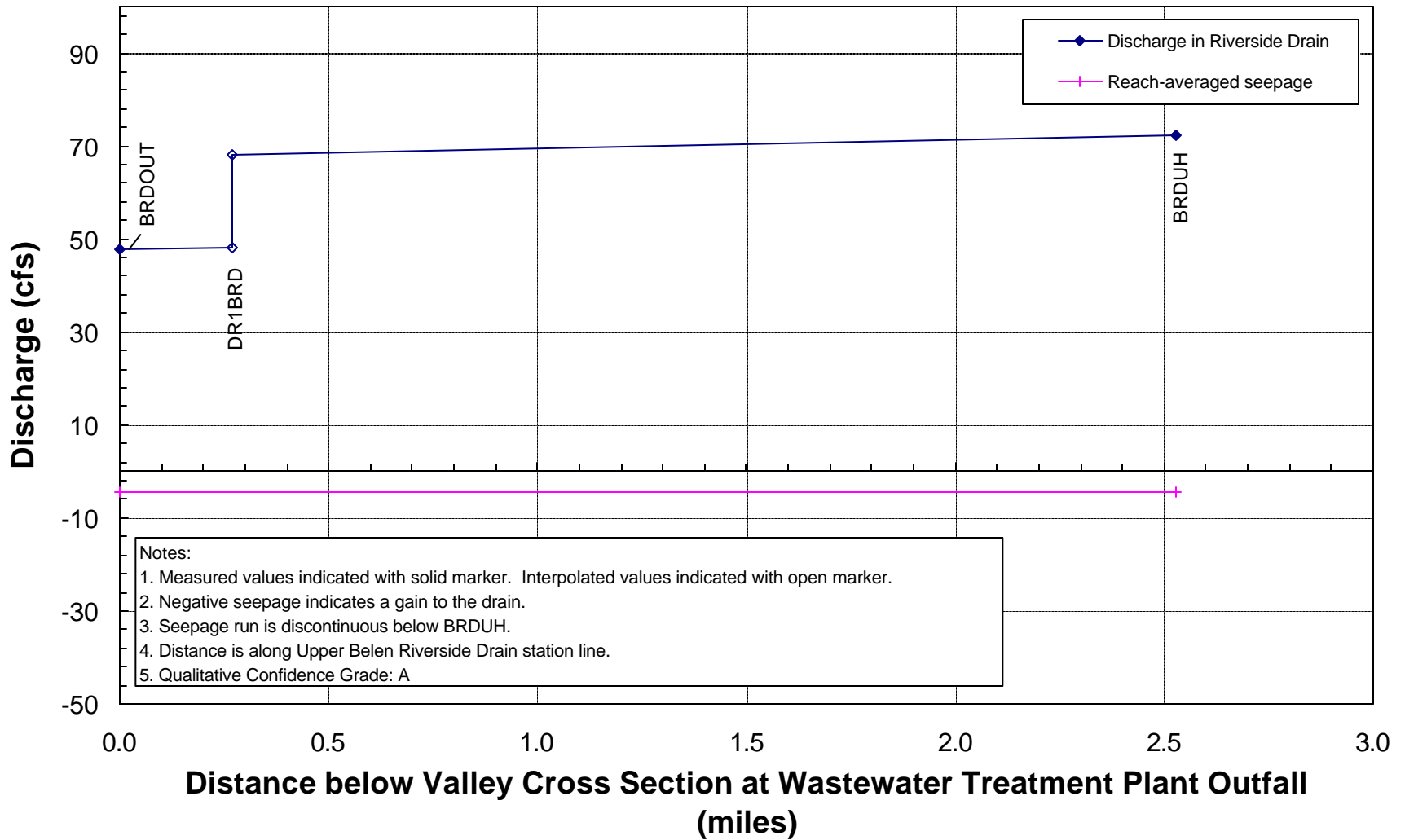


Figure 43

Measured Discharge and Estimated Seepage for the  
Belen Riverside Drain Seepage Run, Reach 2, Belen Division,  
S4-23, August 3, 2001

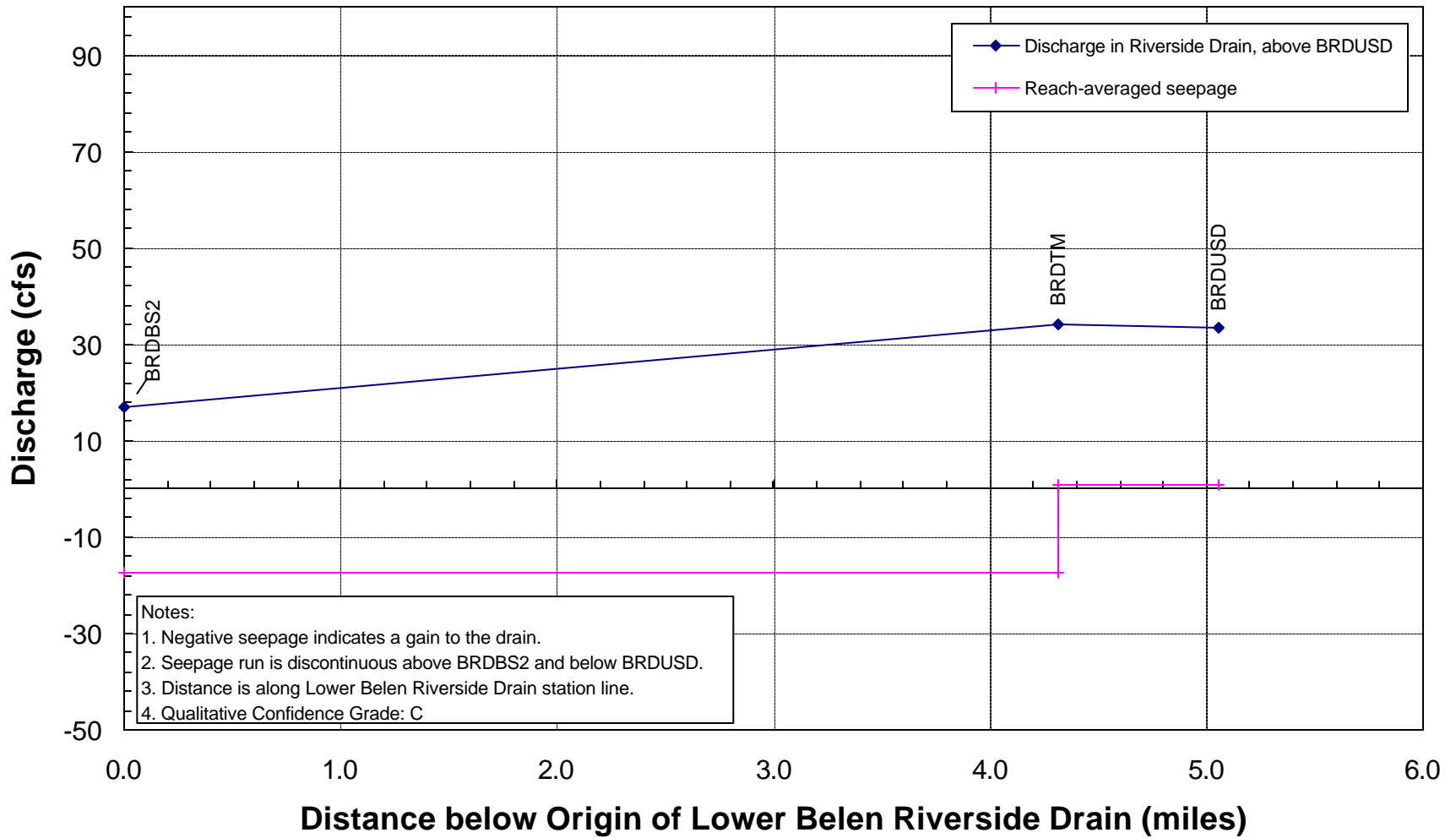


Figure 44

Measured Discharge and Estimated Seepage for the  
Belen Riverside Drain Seepage Run, Reach 3, Belen Division,  
S4-23, August 3, 2001

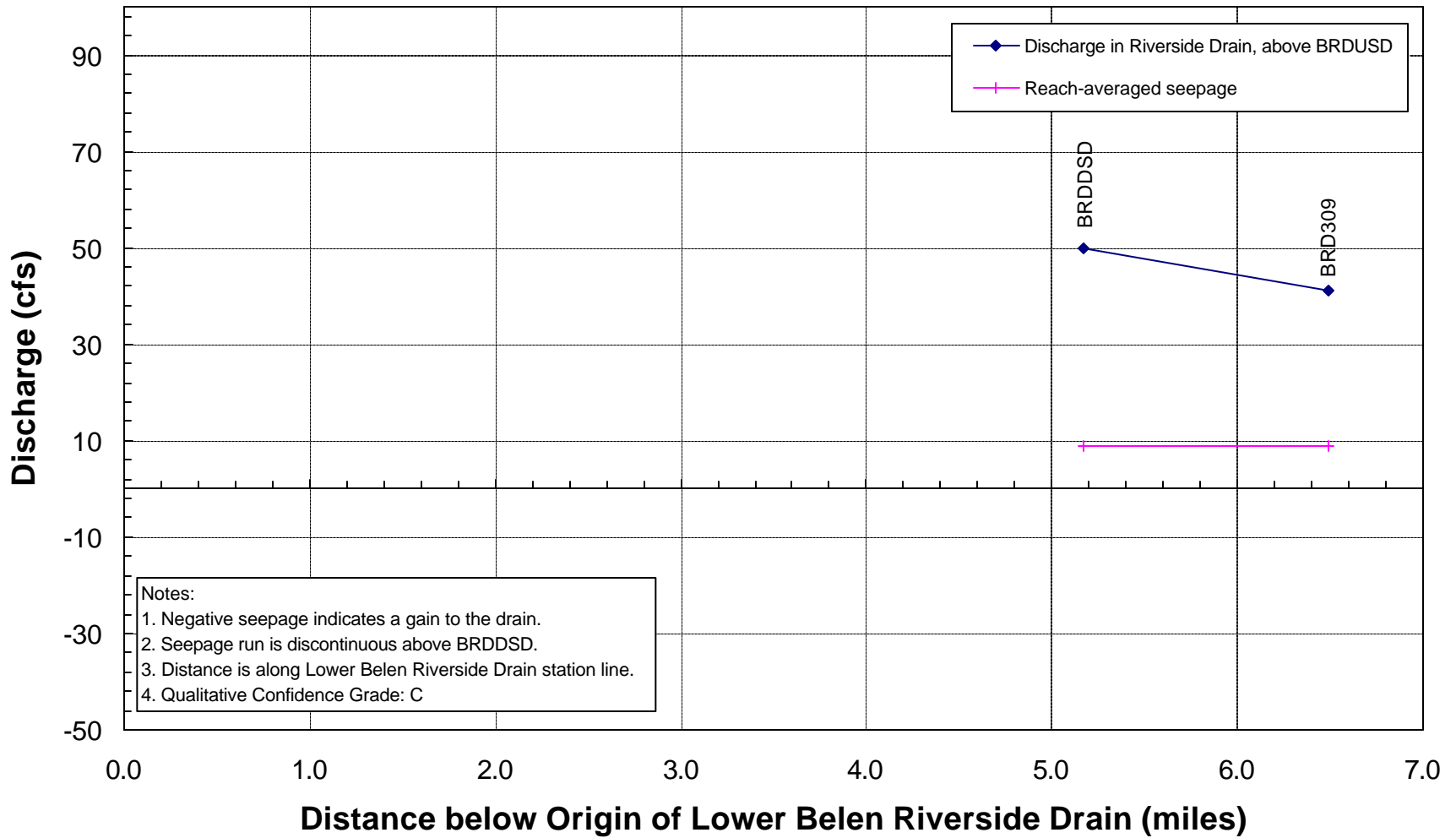




Figure 45

Measured Discharge, Adjusted Discharge, and Estimated Seepage for the Rio Grande Seepage Run, Socorro Division, S4-24, August 8-9, 2001

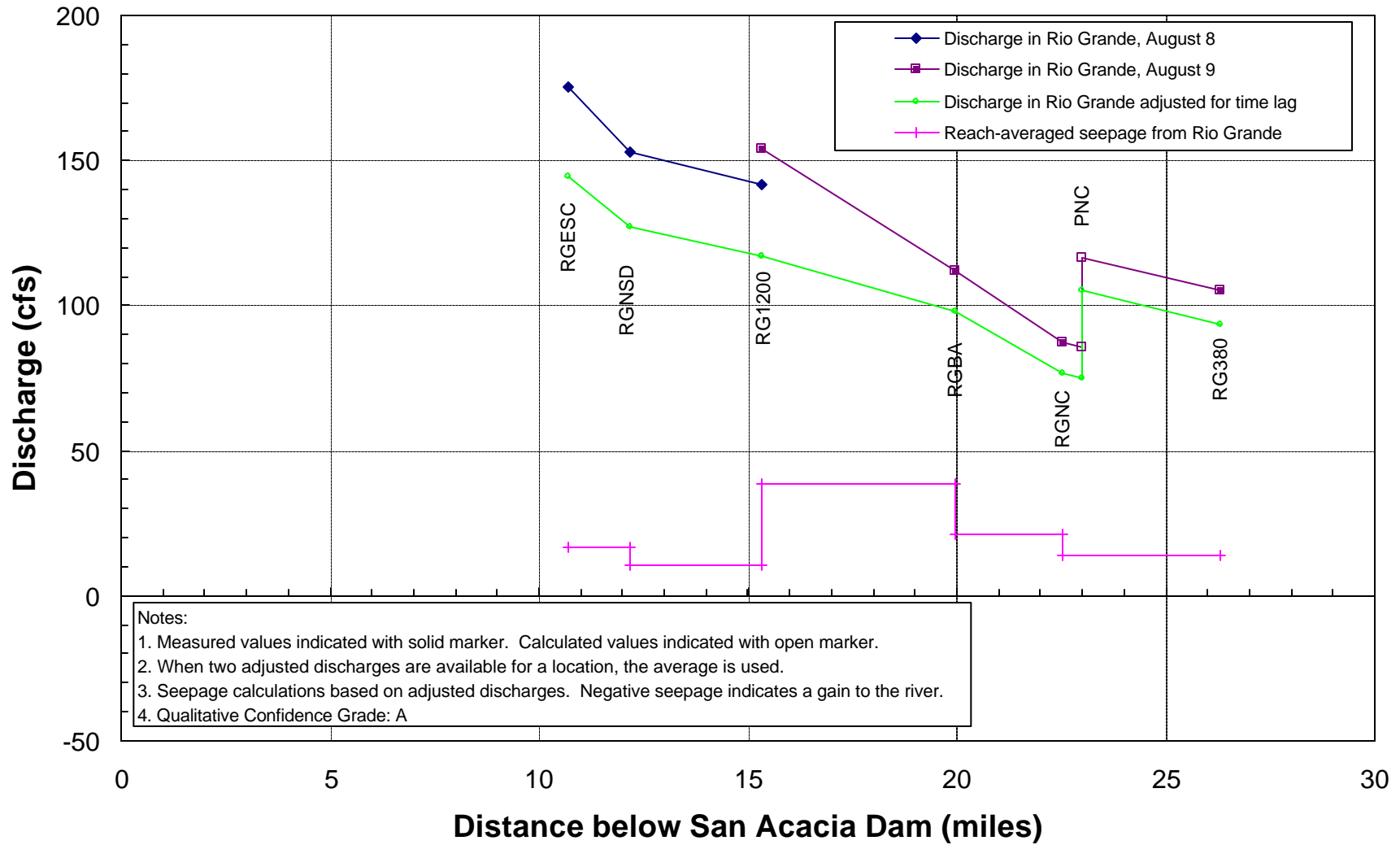


Figure 46

Measured Discharge and Estimated Seepage for the LFCC Seepage Run, Socorro Division, S4-25, August 8-9, 2001

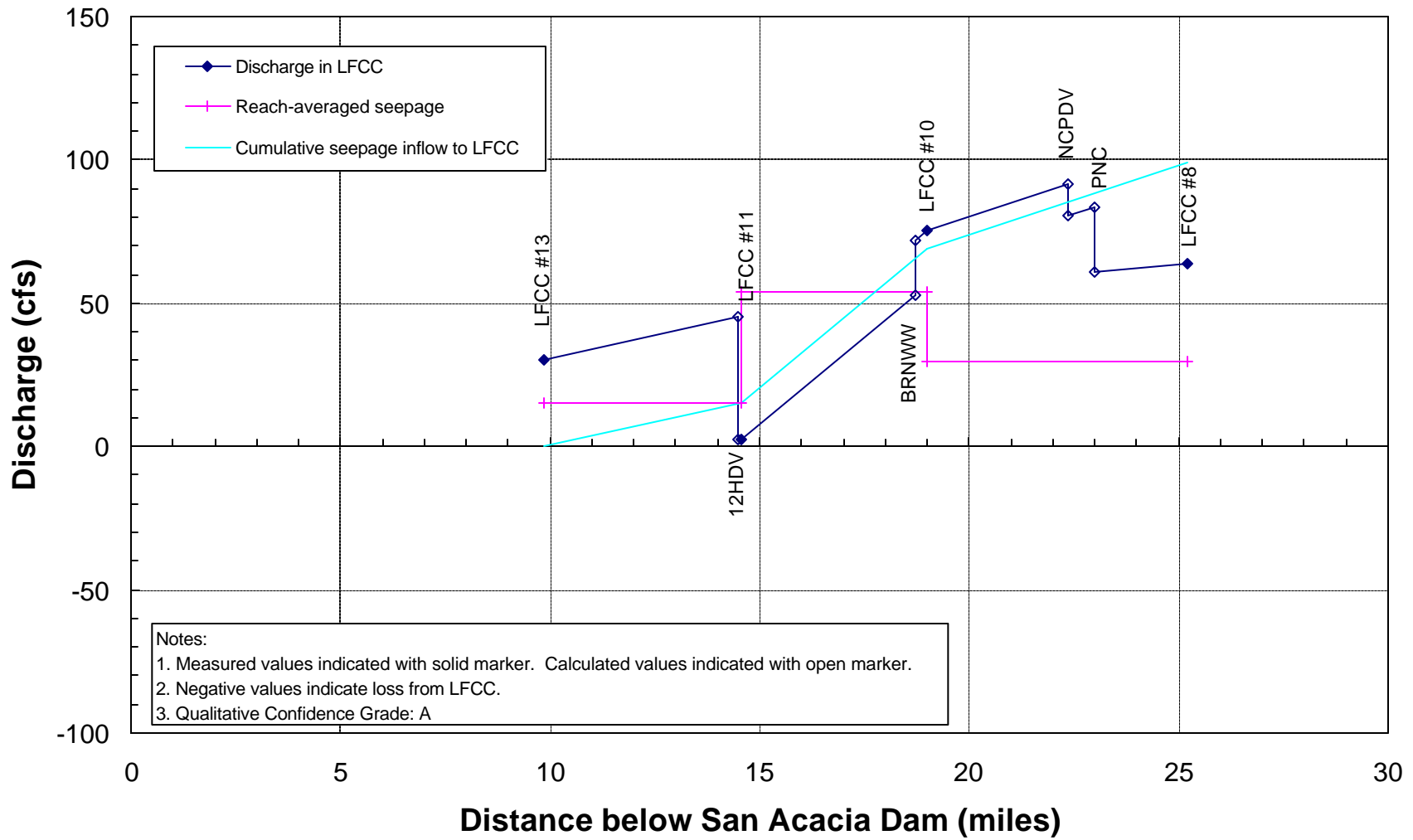


Figure 47

Cumulative Losses on the Rio Grande, Socorro Division

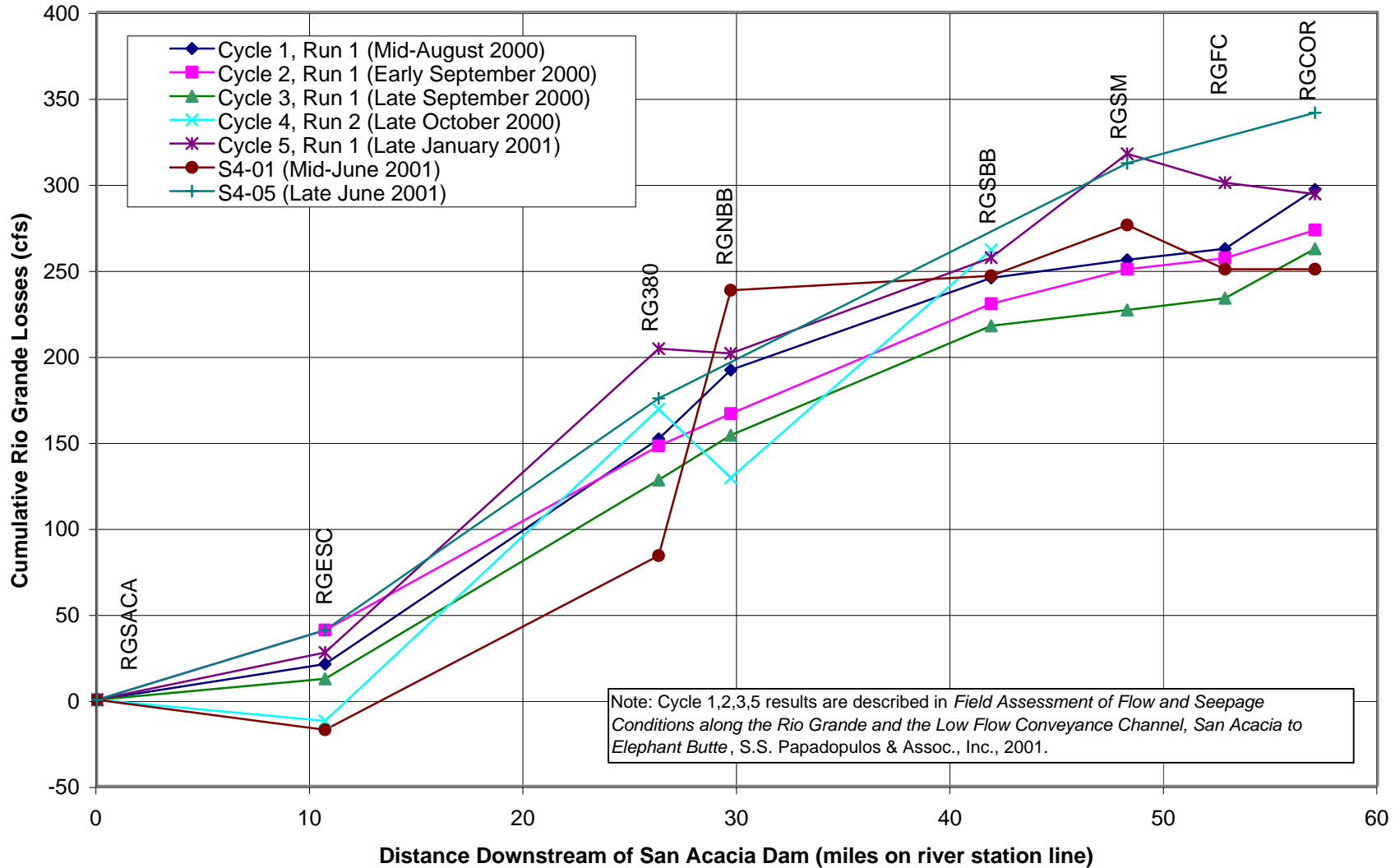


Figure 48

Total Rio Grande Loss vs. San Acacia Reference Flow  
San Acacia to End of Levee at Corral

