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DISTRICT COURT  
NEW MEXICO

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UNITED STATES DISTRICT COURT  
DISTRICT OF NEW MEXICO

_____ )	01CV00072BDB/WWD(ACE)
United States, )	
)	
Plaintiff )	ZUNI RIVER STREAM
)	SYSTEM ADJUDICATION
)	* * * * *
v. )	DESCRIPTION OF IDENTIFICATION
)	OF BOUNDARY OF THE
A & R Productions, et al., )	ZUNI RIVER BASIN
)	*****
Defendants )	WEBSITE INFORMATION
_____ )	

I. Pursuant to the Special Master's order from the bench on January 16, 2003, the following is an explanation, jointly prepared by the New Mexico's State Engineer's Office and the United States' contractors, Natural Resources Consulting Engineers, Inc. (NRCE), of the procedure followed in identifying the boundary of the Zuni River basin as depicted on the map of December, 2002, and described in the Supplemental Identification of the Zuni River Stream System Boundary, dated January 9 , 2003:

Technical staff for the State of New Mexico and the contractors for the Federal Government (hereinafter referred to as "technicians") cooperated in creating a polygon or geometric figure that could be used on a map to illustrate the surface water drainage basin of the Zuni River. The Zuni River surface water drainage basin encompasses the area from which surface water drains to the Zuni River.

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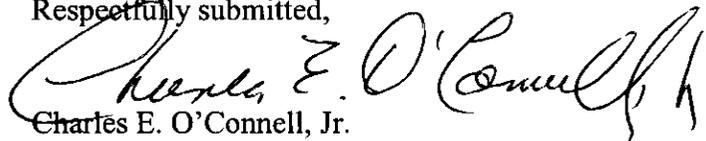
The basin includes all the areas from which surface runoff from rainfall or snowmelt would flow toward the Zuni River. The technicians began with a polygon that was part of a nationwide drainage basin data set. The technicians used a computer based Geographic Information System/Mapping software program called ArcMap to overlay that polygon on a digital copy of the more accurate USGS 7.5 minute Quadrangle maps of the Zuni Area. These maps display physical features of the landscape using elevation contour lines, which are shown in 20 or 40 foot increments, and allow the technician to determine which direction water would flow from any point on the map. The technicians were therefore able to edit the drainage dividing line of the polygon to more accurately illustrate the total area from which water would flow into the Zuni River. The technicians agreed that this particular river basin should also include a few closed basins in which surface water runoff is held within a small basin. This process resulted in both hard copy and digital copies of the polygon encompassing the Zuni River Basin boundary.

II. As directed by this Court's Scheduling order of July 15, 2002, the United States, through NRCE, established a public website ([www.zunibasin.com](http://www.zunibasin.com)). All documents (except maps) that have been filed in this adjudication to date are available for viewing and download. On January 16, 2003, the Special Master, from the bench, directed the United States to investigate the feasibility of establishing a direct URL link to this Court's webpage whereby a claimant/water user could access the Court's webpage through the website established for this adjudication. NRCE personnel made inquiry with the Court's technical staff. The technical staff advised that

such a procedure could be established but each claimant/water user would require an individualized account and password. The technical staff further advises that it could not establish a general account and password for all claimant/water users but it is possible for a claimant/water user to access the Court's webpage through the use of NRCE's password. However, the Court's technical staff advises that, for security and statistical tracking reasons, this approach is not favored.

Dated this 31<sup>st</sup> day of January, 2002.

Respectfully submitted,

  
Charles E. O'Connell, Jr.  
United States Trial Attorney

**CERTIFICATE OF SERVICE**

I hereby certify that on the 31<sup>st</sup> day of January, 2003, a true and correct copy of the foregoing was served by United States Postal Service first class, postage pre-paid mail to the following:

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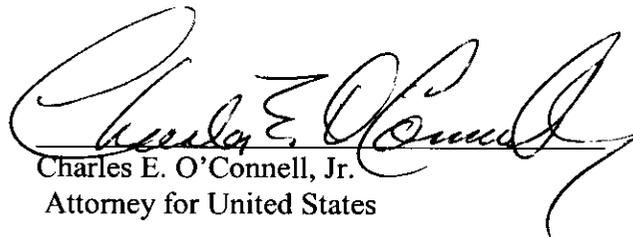
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