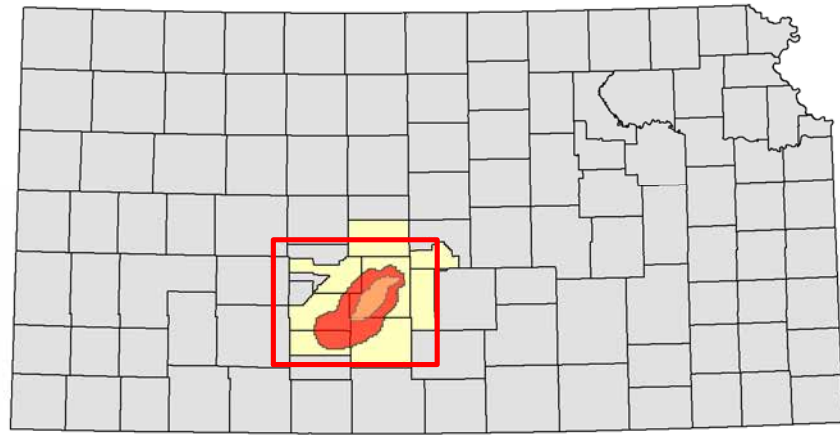


# QUIVIRA NATIONAL WILDLIFE REFUGE LEMA BOUNDARY



Index Map

On February 21, 2019, Big Bend GMD#5 approved a Local Enhanced Management Area (LEMA) for review by the Chief Engineer per K.S.A. 82a-1041.

The map was created by evaluating the average streamflow response at Zenith gage (>10%) for each model cell in the Rattlesnake Creek region.

The principle goal of the LEMA plan is to provide a satisfactory remedy to the impairment complaint at the Quivira National Wildlife Refuge.









Shown are the locations of the end guns as determined by District site inspections.

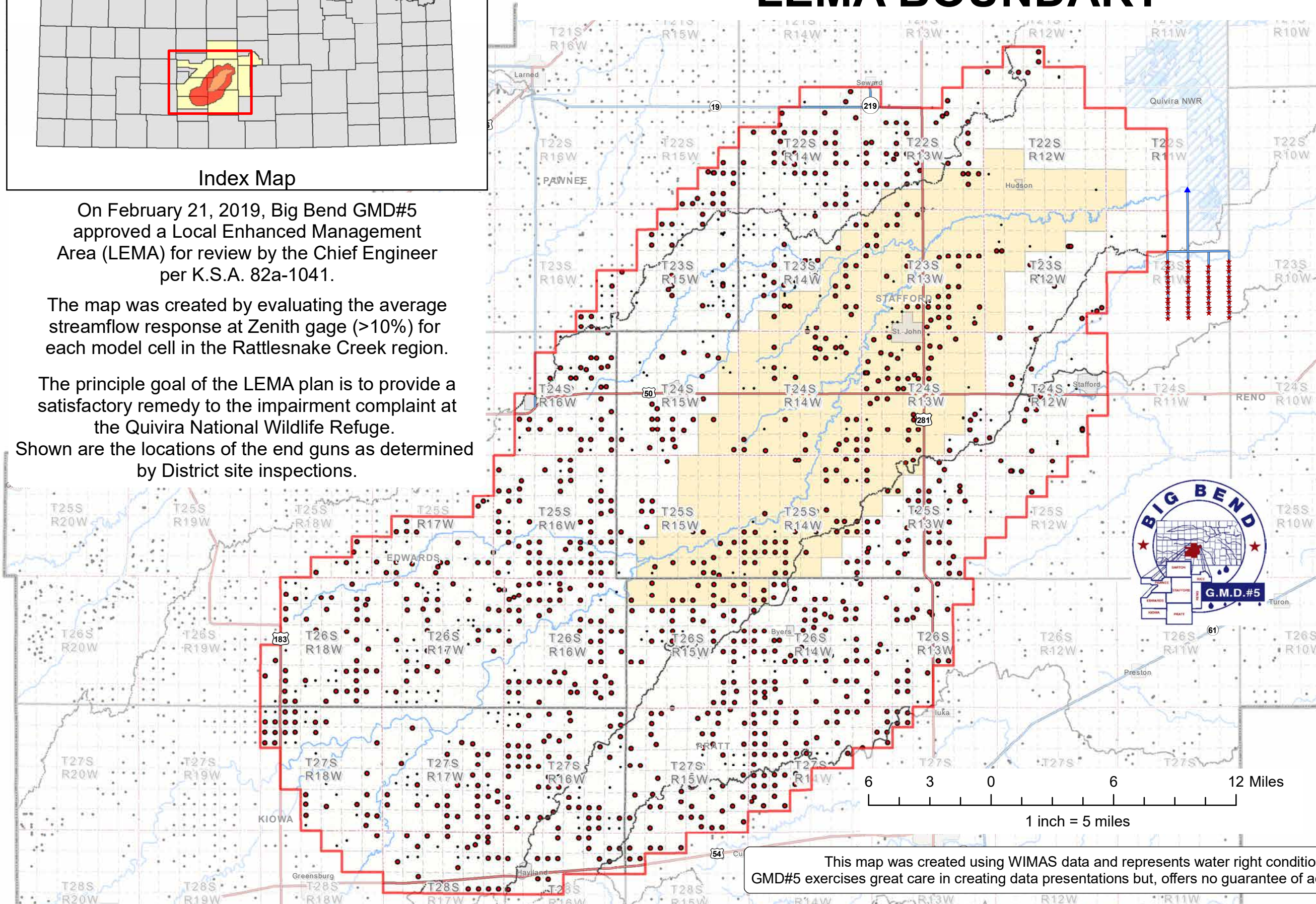
**LEMA area**  
665,604 acres

**Points of Diversion**  
1323 irrigation wells

**End Gun Locations**  
998 Center Pivots

## Legend

-  LEMA Boundary
-  High Impact Area
-  Subbasin Boundary
-  County Boundary
-  Township Boundary
-  Section Boundary
-  End Gun Location
-  Point of Diversion



Coordinate System: NAD 1983  
Projection: UTM Zone 14N  
February 21, 2019

This map was created using WIMAS data and represents water right conditions as of August 11, 2017. GMD#5 exercises great care in creating data presentations but, offers no guarantee of accuracy or completeness of the data.