



Naval Air Station Fallon Nevada Joint Military Affairs Committee Update

**CAPT Leif Steinbaugh
Commanding Officer
August 5, 2014**



Air Station Demographics



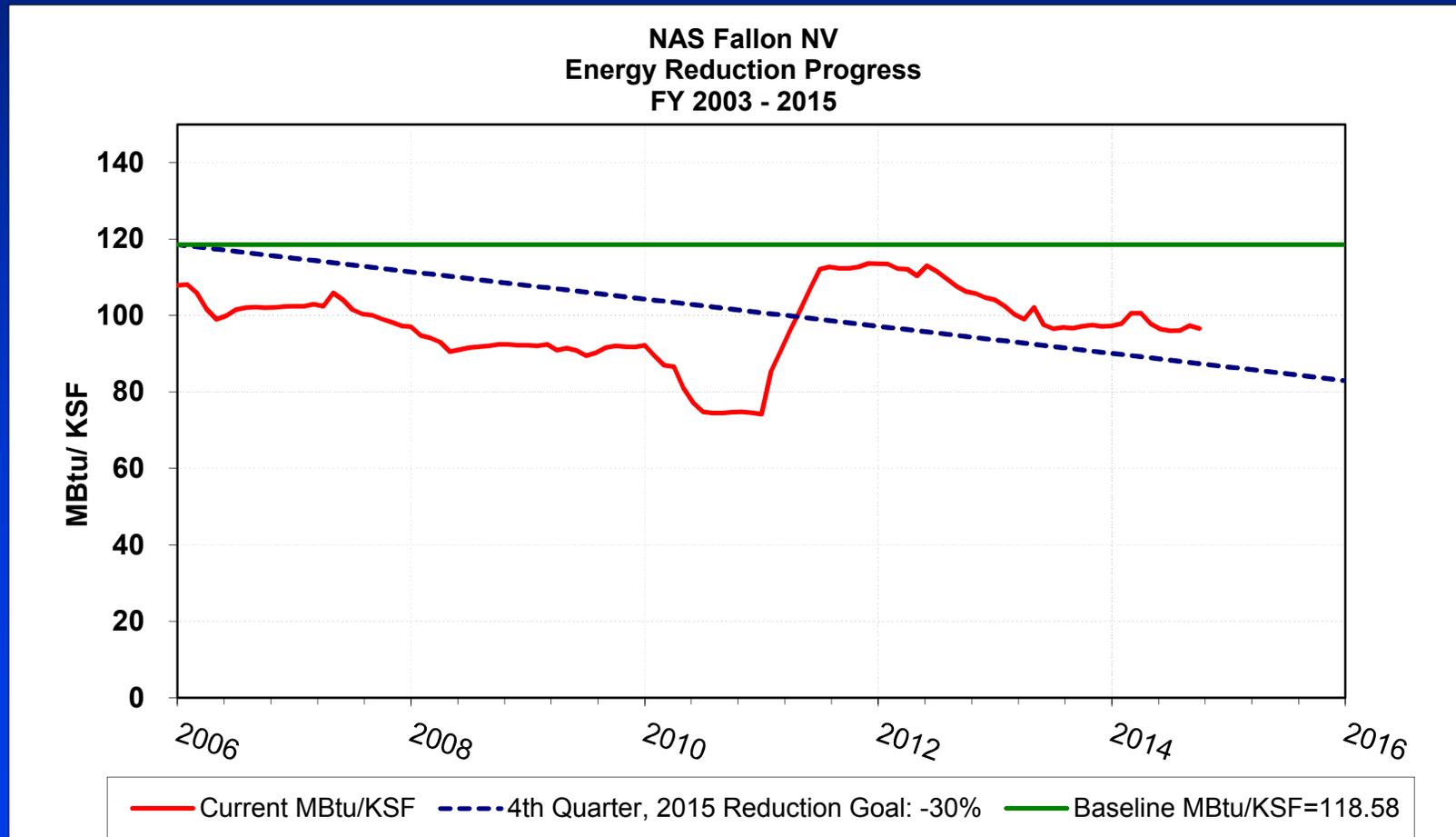
- Mil/ CIV/ NAF: 207/91/343
 - Funding APF : (\$8.0M-Labor / \$23.8M-N-Labor)
 - Funding NAF: (\$4.7M-Labor / \$4.8M-N-Labor)
 - Reimbursable Funding: (\$78.6K-L/\$447K-NL)
 - Types of Appn: OMN, FHN, FAP, TAMP, RAP
 - PRV: \$1,410,875,385
 - Area: 240,726.72 acres (in fee and withdrawn)
-
- Facilities Structures (Non-Housing): 325
 - Housing Structures:
 - PPV/Non-PPV: 230/25 (1,780 trans/164 perm)
 - Runways: 3
 - Range Airspace: 6.5 million acres
-
- CO/XO/CMC report / departure dates:
 - CO—CAPT Steinbaugh: 14 Jun 13 / Jun 16
 - XO—CDR Woodruff: 17 Aug 12 / Aug 15
 - CMC— CMC Anderson: 25 Mar 13 / Mar 16
 - CSD total customer base population: ~2550
-
- Primary Tenants: Total 21
 - Top 5 Primary Tenants (by size)
 1. Naval Strike and Air Warfare Center (256 Mil/43 Civ)
 2. Strike Fighter Wing Pacific Det Fallon (101 Mil/0 Civ)
 3. Fleet Readiness Center West Det Fallon (69 Mil/18 Civ)
 4. Fleet Composite Squadron THIRTEEN (52 Mil/98 Civ)
 5. Naval Munitions Command, CONUS West Division, Det Fallon (54 Mil/ 9 Civ)



Energy Use



Graph: The data shows MBTU/KSF for energy intensity and progress toward electricity reduction goal per EISA 07 and E.O 13423 (3% per year or 30% by 2015)

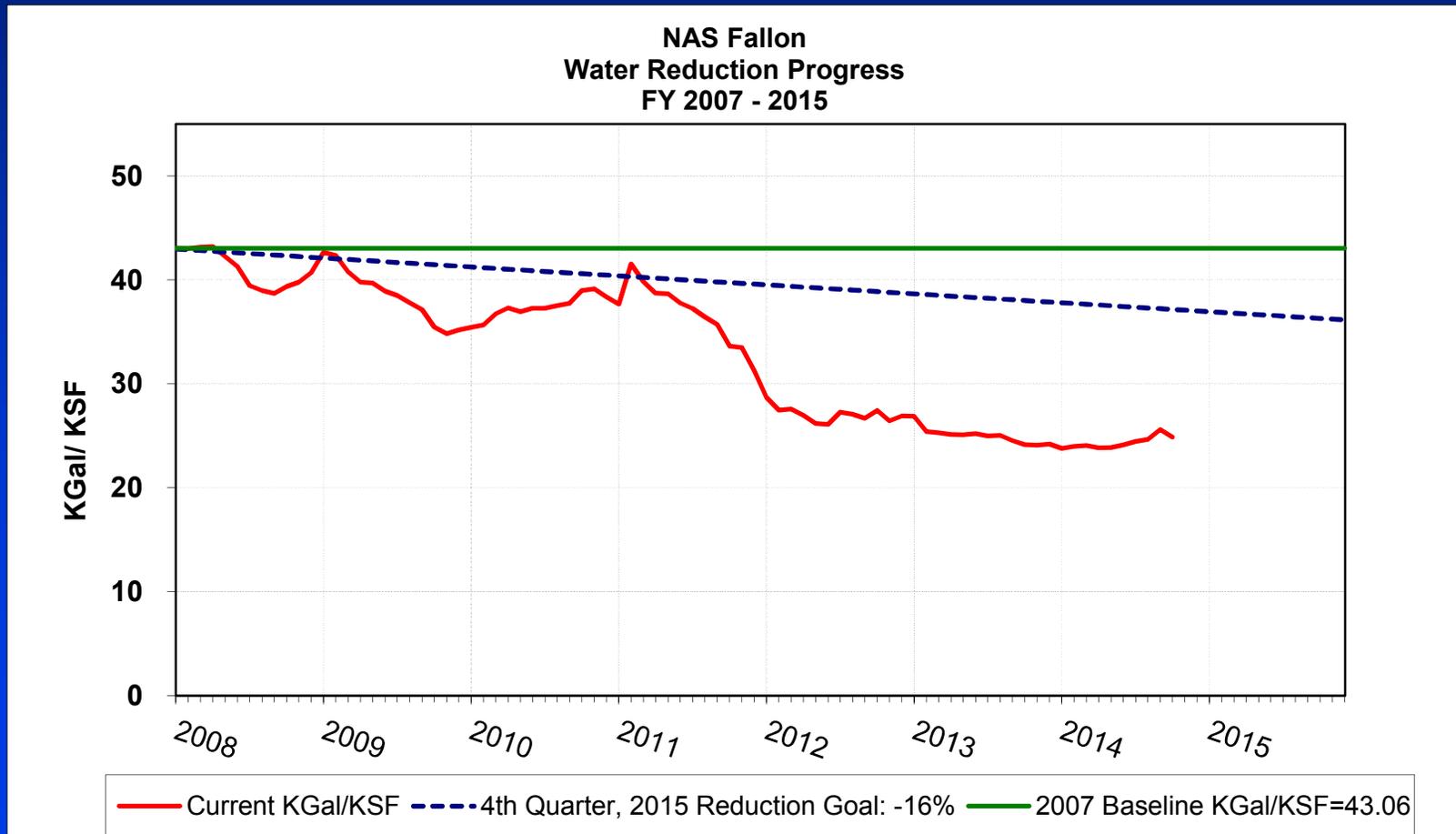




Water Use



Graph: The data shows KGAL/KSF for water intensity and progress toward water reduction goal per E.O 13423 (Water-2% per year or 16% by 2015)





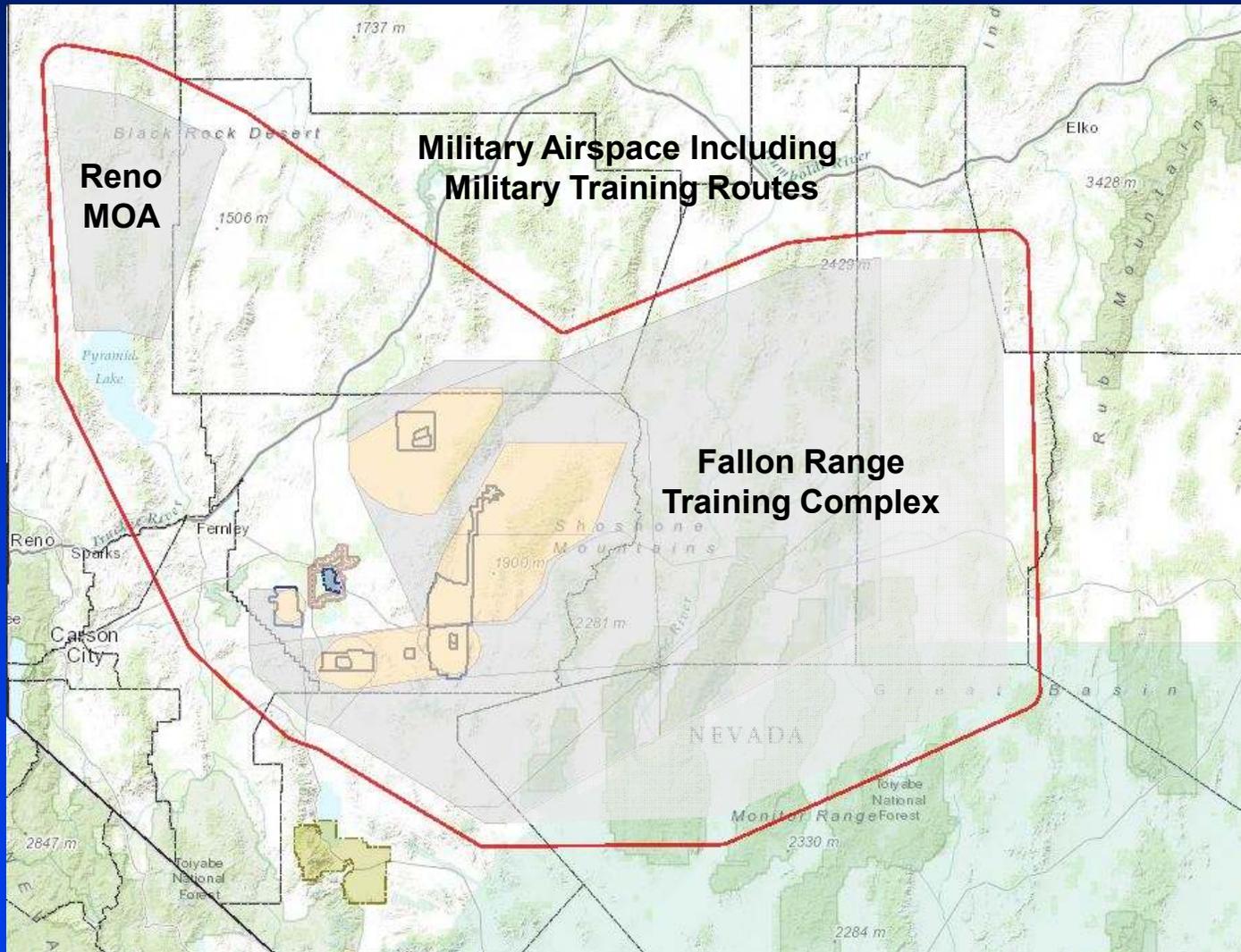
Surface Water Reductions



Acres Water Righted Land	Year	Water Rights Transferred	Comments
2934	1953		Rights associate with land use upon assumption of ownership from purchases made between 1943-53.
1257	2002	818 acres of water rights transferred to DOI. 859 acres of water rights canceled by DOI.	Agreement with USFWS
1167	2003	90 acres of water rights transferred to DOI	Agreement with USFWS
1149	2006	18 acres of water rights transferred to DOI	Agreement with USFWS
1058	2007	91 acres of water rights transferred to DOI	Agreement with USFWS

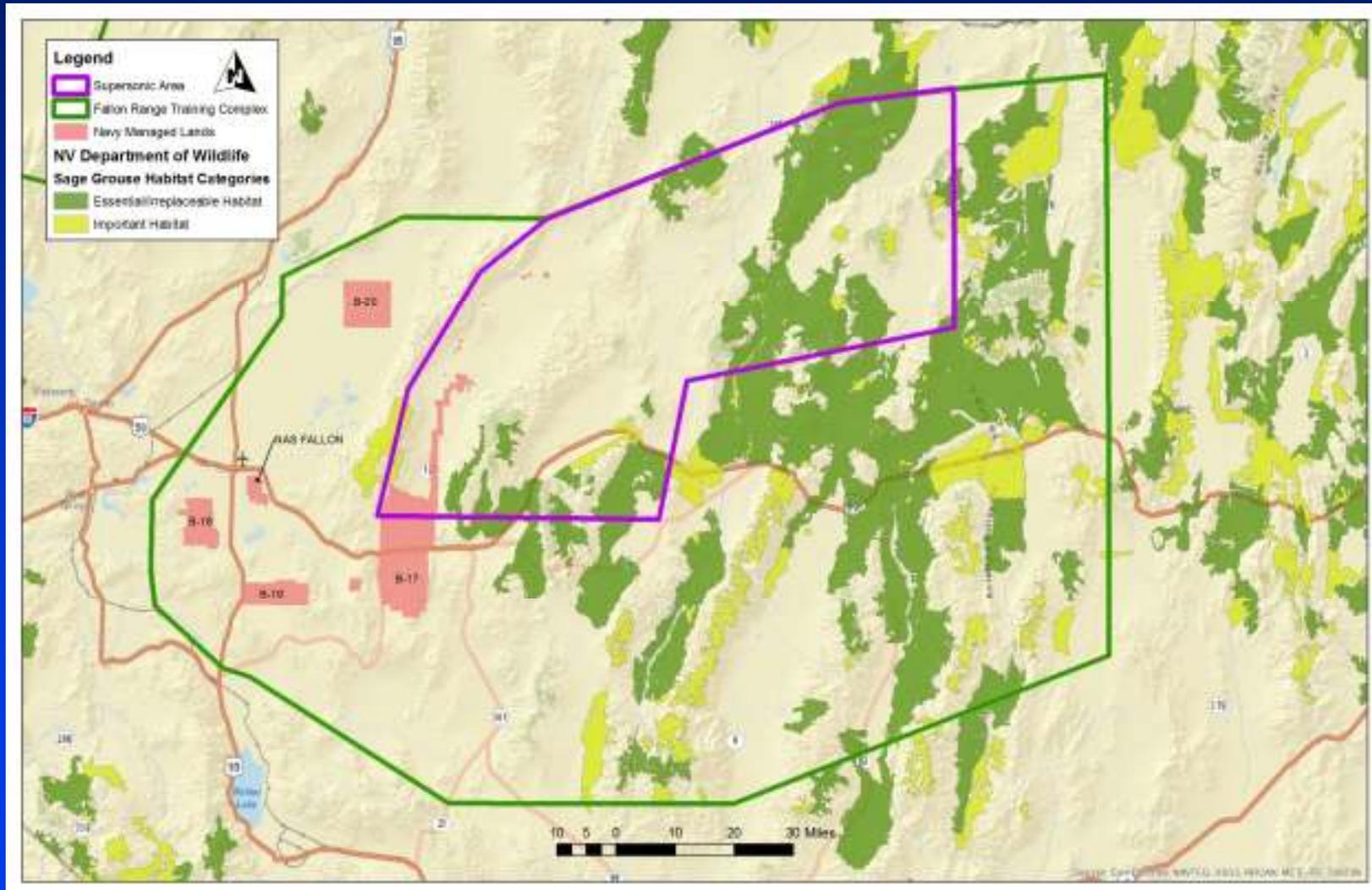


NAS Fallon Training Airspace





Fallon Range Training Complex and Sage Grouse





UAS Centers of Excellence



- ◆ **FAA Modernization and Reform Act (Public Law 112-95), February 14, 2012**
 - Mandates integration Unmanned Aerial Systems (UAS) into National Airspace
 - Not later than September 30, 2015
- ◆ **FAA Selected Six Centers of Excellence (COEs)**
 - Alaska, New York, **Nevada**, North Dakota, Texas, Virginia



UAS Centers of Excellence



- ◆ **FAA owns / manages all airspace**
 - Designates SUA for military use
 - NASF maintains mixture of Restricted, Military Operating Area and ATCCA SUAs

- ◆ **DoN obligated to train Fleet units in support of national security objectives**
 - Requires near-continuous scheduling of SUA when NAS Fallon is open

- ◆ **Military returns to FAA during periods of non-use**



UAS Centers of Excellence



◆ DoD policy letter 26 Nov 13

- Precludes military organizations from scheduling SUA for non-DoD activities
- Major Range and Test Facility Bases (MRTFB) are excepted

◆ DoD Policy Board 22 Jan 14 Memo

- Reiterates non-DoD exclusive use ban
- Does not prohibit joint use

◆ Coordination within OSD policy

- Scope of UAV testing, airspace utilization, sortie numbers, frequency rate and hours of operation
- Frequency spectrum requirements to ensure deconfliction with DoD training and operations





Spectrum Update



- ◆ **Fallon Range will likely lose 1755-1780 MHz to commercial auction**
 - This spectrum is in use for training applications on the Fallon Range
- ◆ **Original DoD band was 1710-1850 MHz**
 - 1710-1755 MHz taken and auctioned for cellular (Advanced Wireless Service)
 - 1710-1755 MHz did not sell well or at all in rural NV at auction
- ◆ **1780-1850 remains with the DoD...for now**
 - 1755-1850 in its entirety was originally targeted in Broadband Initiative



Spectrum Update



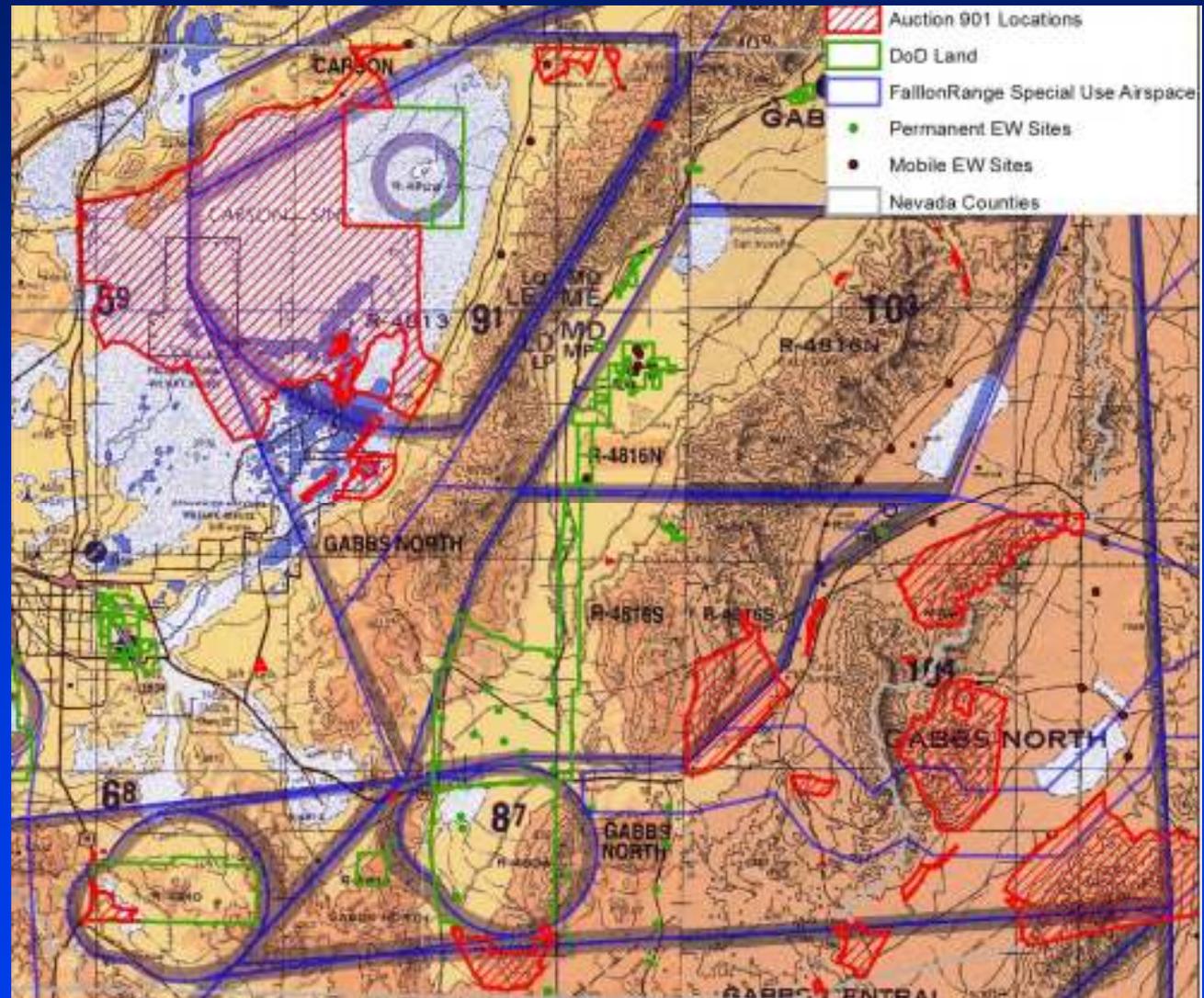
- ◆ **Single approach to spectrum reallocation and auction remains the practice without regard to unique regional characteristics**
- ◆ **Auction is the most undesirable way to reallocate spectrum where Electronic Warfare training takes place**
 - **Traditional licensing could work better**
 - **Other possibilities...**



A Different Auction



- ◆ FCC has commenced subsidizing wireless vendors to build out broadband in rural areas
- ◆ “Mobility Fund, Auction 901” – concluded late 2012
- ◆ Same overall approach, with more coordination might serve all interests better in vicinity of DoD activities



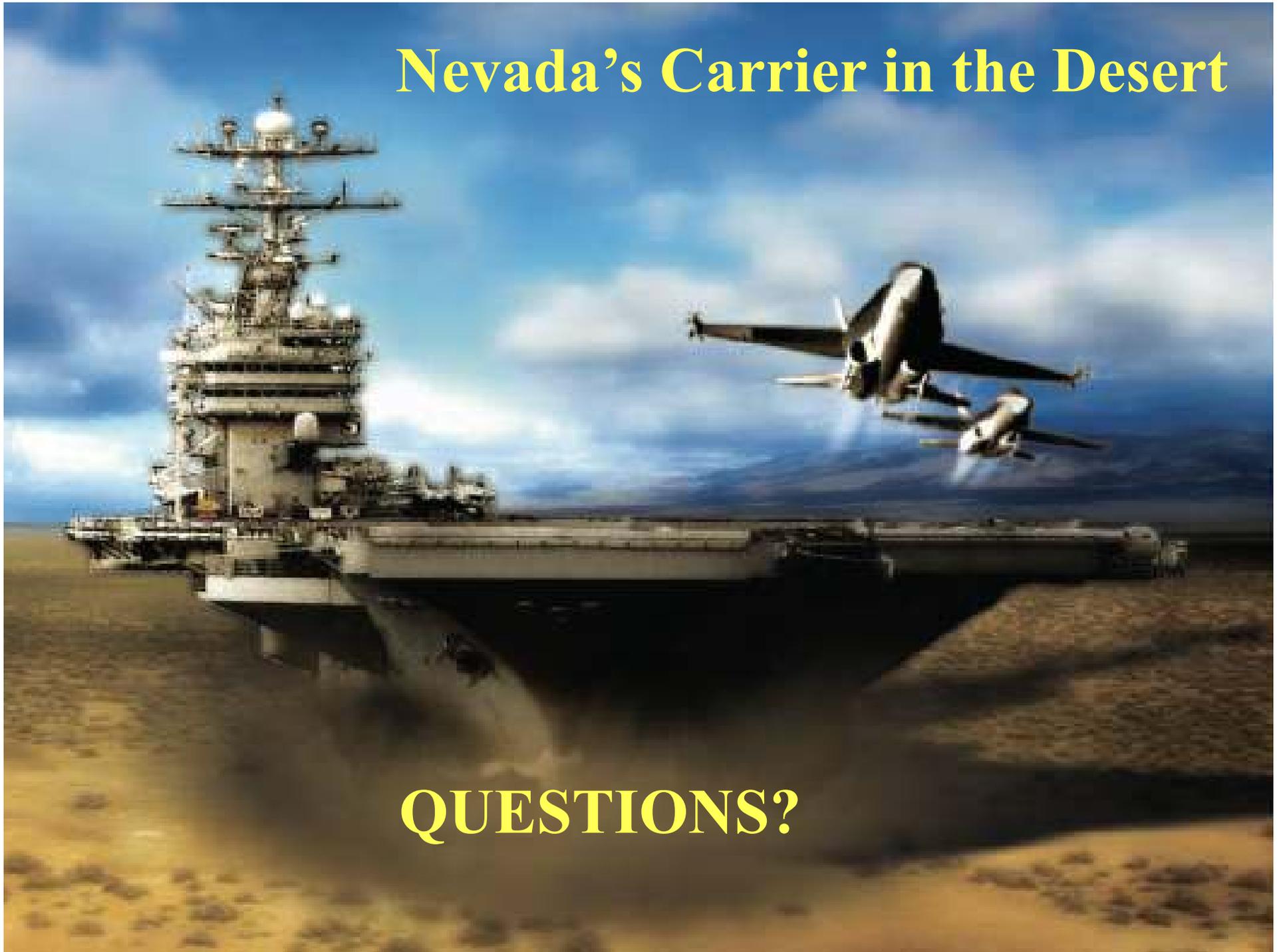


Joint Land Use Study



- ◆ **Study petitioned by Churchill County in 2012**
 - Goal – maintain compatible land use between military operations and public in maximizing utilization by stakeholders
- ◆ **Stakeholders have identified 76 issues / concerns**
- ◆ **Draft Planning Goals and Implementation Strategy expected August 2014**
- ◆ **Implementation actions to start in 2015**

Nevada's Carrier in the Desert



QUESTIONS?