

EXHIBIT REGARDING FORM 442
FILE NUMBER: 0180-ex-pl-2000

QUESTION 4 (answer: yes)

This research is primarily supported by New Mexico Department of Game & Fish (NMDGF) under Federal Aid to Wildlife Restoration Project W-136-R, a federal grant program between US Fish & Wildlife Service and a cooperating agency. The NMDGF contract number is 99-516.51

QUESTION 6 (answer: yes):

The use of Telonics GPS-collars and the ARGOS System is a component of a multi-year research project in northern New Mexico to identify annual spatial dynamics of a herd of about 3,000 elk. Extensive location information will be derived from conventional VHF radio transmitters (150 - 152 MHz) on about 100 adult elk. Specific objectives are to identify seasonal ranges, movement corridors of elk, and land tracts where conflicts may exist between elk and human interests. GPS-collars on elk will provide precise locations to corroborate more general VHF transmitter locations obtained through aircraft detection. Further GPS locations will be used to derive specific daily location and movement information for representative migratory and resident elk. This information is best obtained through this technology and is important for researcher to gain further specific insight into this herd's movements. Timely retrieval of GPS derived elk locations is best accomplished through use of the ARGOS interface with the GPS-collar. Five Telonics elk GPS-collars are being used in the study. Every 5 days data are transmitted from each elk GPS-collar to an overhead ARGOS satellite. The transmission frequency used each of these 5 GPS-collars is 401.650 MHz. Because this elk herd wanders in part across state borders, all derived spatial information (including GPS/ARGOS Service) will be used by New Mexico Cooperative Fish and Wildlife Research Unit, New Mexico State University, New Mexico Department of Game and Fish, and Colorado Division of Wildlife to make management and conservation decisions about hunt timing, license quotas, and conservation practices in areas most frequented by these elk. Such information is not currently available for this herd.

QUESTION 12:

This license request is being submitted as part of actions necessary to accomplish research conducted by New Mexico State University as administered by Bruce Thompson (Leader, New Mexico Cooperative Fish & Wildlife Research Unit) and coordinated by Sam Smallidge (graduate student). I, Sam Smallidge, request this license as part of my duties in accomplishing this important wildlife research through New Mexico State University.

FILE NUMBER 0180-ex-pl-2000

S.T. SMALLIDGE