

## PLANNING BMP's

- \* Share/consolidate corridors for pipeline ROWs to the maximum extent possible.
- \* Maximize the utility of surface facilities by developing multiple wells from a single pad (directional drilling), and by co-locating multipurpose facilities (for example, well pads and compressors) to avoid unnecessary habitat fragmentation and disturbance of additional geographic areas.
- \* Minimize newly planned activities and operations within 300 feet of the ordinary high water mark of any reservoir, lake, wetland, or natural perennial or seasonally flowing stream or river.
- \* Locate roads outside of drainages where possible and outside of riparian habitat.
- \* Avoid constructing any road segment in the channel of an intermittent or perennial stream
- \* Avoid new surface disturbance and placing new facilities in key wildlife habitats in consultation with CDOW.
- \* Use existing roads where possible
  
- \* Combine and share roads to minimize habitat fragmentation
- \* Where possible, consolidate pipeline and existing roadways, or roadways that are planned for development
- \* Place roads to avoid obstructions to migratory routes for wildlife, and to avoid displacement of wildlife from public to private lands.
- \* Maximize the use of directional drilling to minimize habitat loss/fragmentation
- \* Maximize use of remote telemetry for well monitoring to minimize traffic

## CONSTRUCTION BMP's

- \* Construct retention basins and ponds that benefit wildlife

## DRILLING/COMPLETIONS BMP's

- \* Install and maintain adequate measures to exclude all types of wildlife (e.g., big game, birds, and small rodents) from all fluid pits (e.g., fencing, netting, and other appropriate exclusion measures).
- \* Conduct well completions with drilling operations to limit the number of rig moves and traffic.

## PRODUCTION/RECLAMATION BMP's

- \* Remove well pad and road surface materials that are incompatible with post-production land use and re-vegetation requirements
- \* Use only certified weed-free native seed in seed mixes, except for non-native plants that benefit wildlife
- \* WPX Energy will use certified, weed free grass hay, straw, hay or other mulch materials used for the reseeding and reclamation of disturbed areas.
- \* Install exclusionary devices to prevent bird and other wildlife access to equipment stacks, vents and openings.
- \* Reduce visits to well-sites through remote monitoring (i.e. SCADA) and the use of multi-function contractors.
- \* Avoid dust suppression activities within 300 feet of the ordinary high water mark of any reservoir, lake, wetland, or natural perennial or seasonally flowing stream or river where possible.