

PLANNING BMP's

- * Share/consolidate corridors for pipeline ROWs to the maximum extent possible.
- * Locate roads outside of drainages where possible and outside of riparian habitat.
- * Minimize the number, length, and footprint of oil and gas development roads
- * Use existing roads where possible
- * Combine utility infrastructure (gas, electric, and water) planning with roadway planning to avoid separate utility corridors
- * Combine and share roads to minimize habitat fragmentation
- * Maximize the use of directional drilling to minimize habitat loss/fragmentation
- * Maximize use of remote completion/frac operations to minimize traffic
- * Maximize use of remote telemetry for well monitoring to minimize traffic

CONSTRUCTION BMP's

- * Structures for perennial or intermittent stream channel crossings should be constructed using appropriately sized bridges or culverts
 - * Design road crossings of streams at right angles to all riparian corridors and streams to minimize the area of disturbance to the extent possible.
- Construct retention basins and ponds that benefit wildlife

DRILLING/COMPLETIONS BMP's

- * Use centralized hydraulic fracturing operations.
- * 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 reseeded 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.