



Central Yukon RMP

Potential standard stipulations that could
affect mineral materials management

Required RMP Decisions

- o **Mineral Materials:** “Identify the following consistent with the goals and objectives for the exploration, development, and disposal of mineral materials in concert with the protection of natural resources within the planning area.
 - o 1. Areas open or closed to mineral material disposal.
 - o 2. Any terms, conditions, or other special considerations needed to protect resource values while operating under the mineral materials regulations.

Presentation Objectives

- o Point out some known issues with our mineral material authorizations and management.
- o Present some ideas that have been suggested as potential ways to address those issues within the range of alternatives in the RMP.
- o Encourage discussion.

Potential is the key

- o The issues here have been identified as issues we need to address within the range of alternatives considered in the RMP.
- o The potential stipulations here are some ideas that have been suggested for consideration. None of these are certain to be included at this time, and more may be suggested before alternatives are drafted.
- o Caveat: Many of these could be implemented through policy direction before the plan is completed.

ISSUE: Inadequate information when analyzing material site authorizations

- o Potential Standard Stips:
 - o Require a complete mining plan as part of application for site authorization (rather than after authorization but before mining)
 - o Minimum content standard for mining plans

ISSUE: Insufficient information about reclamation when analyzing site authorizations

- o Potential Standard Stips:
 - o Require a detailed, site-specific reclamation plan (as opposed to a set of generic BMPs) as part of mining plan
 - o Required aspects might include:
 - o Concurrent reclamation practices and schedules
 - o Interim and final reclamation methods and schedules
 - o Monitoring and reporting on reclamation effectiveness
 - o Require reclamation bonding

ISSUE: Operations

- Hours of operation within specified distances of campgrounds

ISSUE: Difficulties managing camps associated with gravel operations

- o Potential standard stipulations:
 - o Crew camps must be applied for separately by the same entity holding the authorization to mine the pit (not by a contractor or sub-contractor)
 - o Primary proponent accountable for contractor and employee compliance with camp stipulations
 - o Camps, vehicles, and operators required to be identifiable as to who they are producing for (vests, vehicle markings, camp signs, etc.)

Issue: Material Site Distribution/Density

- o Potential Standard Stips:
 - o Specified minimum distance between material sites, unless exceptional circumstances warrant closer.
 - o Require a material volume, quality, and range of use report as part of application
 - o Require an alternative site cost and technical comparison as part of application for new sites (not only for hauling, but also feasibility of production to spec by crushing or washing at existing sites, etc.)
 - o Close sensitive areas to mineral material extraction

ISSUE: Poor Exploration Reliability

- o Potential Standard Stips:
 - o Develop a minimum standard for exploration data that must be met before a material site application will be accepted

ISSUE: Site Closure

- o Potential Standard Stips:
 - o Authorizations for material extraction to support a specific project expire at the end of the project.
 - o Closure required for sites where no mining is anticipated for current projects.
 - o Interim closure required where mining is anticipated, but not within the year.
 - o Conversion of closed material sites to storage sites if stockpiles are left.
 - o Standards required for interim closure (stabilization, security, monitoring)
 - o Standards required for final closure (reclamation, monitoring, safety inspection).

ISSUE: Storage Sites

- o Potential Standard Stips:
 - o For CFR 3600 authorizations, storage of construction materials/equipment/refuse that is not related to mining at that site, is prohibited by BLM guidance: "*Back hauling and stockpiling of minerals or trash from outside (originating beyond the boundary of the permit/contract area) to the site is prohibited.*"
 - o Stockpiling of material after project end must be authorized as storage sites under Realty regulations (not mineral materials regulations).
 - o Condition monitoring and reporting possibly required
 - o Usage/drawdown reporting possibly required
 - o Processing and rental fees may apply to some entities

ISSUE: Emergency Use

- o Potential standard steps:
 - o Outline a process for authorizing use of material from interim-closed locations when an immediate need for materials is brought on unexpectedly in a situation affecting public property, health, or safety

ISSUE: Spread of Invasive Weeds

- o Potential Standard Stips:
 - o Mandatory equipment washing/cleaning (with effluent capture)
 - o Mandatory use of certified weed-free gravel
 - o Mandatory heat treatment of potentially infested gravel
 - o Prohibition on hauling gravel north (unless it's heat treated?)
 - o Prohibition on hauling gravel out of the Utility Corridor (unless it's treated?)

ISSUE: Revegetation Success

- o Potential Standard Stips
 - o Revegetation standards applicable to all surface disturbing activities (not just gravel pits)
 - o Could include:
 - o documentation of overburden stockpiling and protection
 - o specified percent cover of native species
 - o species or lifeform diversity similar to adjacent undisturbed sites
 - o documented absence of invasive species after multiple growing seasons
 - o required timeframes to achieve targets
 - o monitoring and reporting to document targets achieved
 - o corrective actions required if targets and timeframes are not met.