

Materials

Goal

Land for State-owned Materials Sites. Maintain in state ownership and make available to public and private users sufficient, suitably located materials sites to economically meet the area's long term need for materials.

Management Guidelines

- A. Preferred Material Sites.** When responding to a request for a material sale or identifying a source for materials, the highest priority should be to use existing material sources. Using materials from wetlands and lakes should be avoided unless no feasible alternative exists. Sales or permits for sand, silt, or gravel extraction will not be permitted in fish spawning areas identified by ADF&G unless extraction would enhance the site for rearing and ADF&G determines that the activity is compatible with fish habitat values.
- B. Material Sites.** To minimize the construction and maintenance cost of transportation facilities, material sites should be located as near as is feasible to the site where the material will be used.

Design of projects will be on a case-by-case basis in consultation with other agencies. The following are general guidelines for extracting materials:

- 1. Material Sources.** Consideration should be given to all potential material sources. Location and design of sites should take into account factors such as scenic quality, transportation to the site, and effects to fish and wildlife habitat.
- 2. River Size and Recharge Rates.** Selection of gravel sites in floodplains should take into account the volume of gravel available from various stream types. Generally, the largest river feasible, or the one with the largest gravel recharge rates should be chosen.
- 3. Reclamation.** Reclamation of material sites will be accomplished consistent with AS 27.19 and 11 AAC 97.250. See also *Guideline E*, below.
- 4. Extraction from Active Channels.** When extracting gravel in active or inactive floodplains, maintain buffers that will minimize sedimentation and will contain active channels in their original locations and configurations in the short term.

C. Maintaining Other Uses and Resources when Siting and Operating Material Sites.

Before allowing the extraction of materials, the manager will ensure that the requirements of the permit or lease give adequate protection to other important resources and uses including existing water rights, water resource quantity and quality, navigation, fish and wildlife habitat and harvest, commercial forest resources, recreation resources and opportunities,

historic and archaeological resources, adjacent land uses, and access to public or private lands. Disposal of materials should be consistent with the applicable management intent statement and management guidelines of the plan. The manager should also determine if other existing material sites can be vacated and rehabilitated as a result of opening a new material site.

- D. Land Sales in Areas of High Materials Potential.** Generally, if a unit is designated Settlement but contains sand and gravel deposits, rock sources, or other similar, high-value materials resources, a pit area should be identified and retained in public ownership for future use before lands are offered for sale.
- E. Screening and Rehabilitation.** Where topographic and vegetative features allow, material sites should be screened from roads, residential areas, recreational areas, and other areas of significant human use. Sufficient land should be allocated to the material site to allow for such screening. Rehabilitation of the site shall follow the requirements of AS 27.19.020 and 11 AAC 97.250.
- F. Designation of Material Sites in Plan.** Material sites are designated General Use (Gu); this includes both existing material sites as well as those yet to be identified. The Gu designation is applied in order to provide flexibility in the management of these areas, especially to accommodate other potential uses in the future, and because the large number of existing and potential future sites along the Taylor Highway made use of the Materials designation cumbersome. The continued use of material extraction sites is recognized in this plan as appropriate under the Gu designation.
- G. Other Guidelines Affecting Materials.** Other guidelines may affect materials. Sections in this chapter that should also be referred to include but are not limited to:

Fish and Wildlife Habitat and Harvest
Settlement
Subsurface Resources
Transportation