



Alaska Department of Natural Resources

## Division of Agriculture

Plant Materials Center

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## ALASKA WEED FREE GRAVEL CERTIFICATION PROGRAM

Alaska's weed free gravel certification is a voluntary program aimed at providing a weed free product to land managers working in sensitive areas and a value-added product for gravel producers to sell. The objective of this program is to help prevent and slow the potential for transport and dispersal of listed weed species following the North America Weed Management Association (NAWMA) and Alaska Certification Standards.

### Gravel pit minimum standards

Gravel/borrow area shall be free of those noxious weeds or undesirable plant species identified in the following list and those weeds declared noxious within the state of origin.

1. Gravel/borrow material shall be inspected in the State/Province of origin by proper officials or authority.
2. Gravel/borrow material shall also be inspected in the area of origin (area shall include, but not limited to, surrounding ditches, top soil piles, gravel/sand piles, fence rows, roads, easement, rights-of-way, working areas, storage areas, and a buffer zone surrounding the area.)
3. Gravel/borrow material shall be inspected prior to movement by the proper officials or authority.
4. Gravel/borrow area which contains any noxious weeds, or undesirable plant species, as identified in the following list, may be certified if the following requirements are met:
  - a. Area upon which the gravel/borrow material was mined was treated to prevent seed formation or seed ripening to the degree that there is no danger of dissemination of the seed, or any injurious portion thereof from such noxious weeds, or undesirable plant species, or the propagating parts of the plant are not capable of producing a new plant.
  - b. Noxious weed(s) or undesirable plant species was treated not later than rosette to bud stage, or boot stage for grass species.
  - c. Treatment method can include but is not limited to: 1) burning, 2) mowing, cutting or rouging, 3) mechanical methods, or 4) chemicals.
5. An inspection certificate shall document that the above requirements have been met based upon a reasonable and prudent visual inspection

## Minimum Guidelines for gravel/borrow material inspections:

The inspector will follow the following inspection procedures:

1. The entire border shall be walked or driven.
2. All storage areas, gravel/sand piles shall also be inspected and meet the standards.
3. Around all equipment, crushers, and working areas must be inspected to meet the standards.
4. Areas shall be inspected regularly at least twice a year in the growing season.
  - a. **Exemption:** Remote material sites (off the road system) may only require one inspection in a season if that pit received an “exceeds” certification at the end of the previous season.
5. An inspector may not inspect gravel/borrow material of which said inspector has ownership or financial interest.
6. Inspector will follow all safety protocol set forth by gravel/borrow material owner/operator while on-site.

## North American Weed Free Gravel Certification Standards List



Absinth wormwood	<i>Artemisia absinthium</i>
Bermudagrass	<i>Cynodon dactylon</i>
Buffalobur	<i>Solanum rostratum</i>
Canada thistle	<i>Cirsium arvense</i>
Common burdock	<i>Arctium minus</i>
Common crupina	<i>Crupina vulgaris</i>
Common tansy	<i>Tanacetum vulgare</i>
Dalmatian toadflax	<i>Linaria dalmatica</i>
Diffuse knapweed	<i>Centaurea diffusa</i>
Dyers woad	<i>Isatis tinctoria</i>
Field bindweed	<i>Convolvulus arvensis</i>
Hemp (marijuana)	<i>Cannabis sativa</i>
Henbane, Black	<i>Hyoscyamus niger</i>
Hoary cress, (Whitetop)	<i>Cardaria spp.</i>
Horsenettle	<i>Solanum carolinense</i>
Houndstongue	<i>Cynoglossum officinale</i>
Johnsongrass	<i>Sorghum halepense</i>
Jointed goatgrass	<i>Aegilops cylindrica</i>
Leafy spurge	<i>Euphorbia esula</i>
Matgrass	<i>Nardus stricta</i>
Meadow knapweed	<i>Centaurea pratensis</i>
Medusahead	<i>Taeniatherum caput-medusae</i>
Milium	<i>Milium vernal</i>

Musk thistle	<i>Carduus nutans</i>
Orange hawkweed	<i>Hieracium aurantiacum</i>
Oxeye daisy	<i>Chrysanthemum leucanthemum</i>
Perennial pepperweed	<i>Lepidium latifolium</i>
Perennial sorghum	<i>Sorghum almum</i>
Perennial sowthistle	<i>Sonchus arvensis</i>
Plumeless thistle	<i>Carduus acanthoides</i>
Poison hemlock	<i>Conium maculatum</i>
Puncturevine	<i>Tribulus terrestris</i>
Purple loosestrife	<i>Lythrum salicaria</i>
Quackgrass	<i>Agropyron repens</i>
Rush skeletonweed	<i>Chondrilla juncea</i>
Russian knapweed	<i>Centaurea repens</i>
Scentless chamomile	<i>Matricaria perforate / M. milaceum</i>
Scotch broom	<i>Cytisus scoparius</i>
Scotch thistle	<i>Onopordum acanthium</i>
Sericea Lespedeza	<i>Lespedeza cuneata</i>
Silverleaf nightshade	<i>Solanum elaeagnifolium</i>
Skeletonleaf bursage	<i>Ambrosia tomentosa</i>
Spotted knapweed	<i>Centaurea maculosa</i>
Squarrose knapweed	<i>Centaurea virgata</i>
St. Johnswort	<i>Hypericum perforatum</i>
Sulfur cinquefoil	<i>Potentilla recta</i>
Syrian beancape	<i>Zygophyllum fabago</i>
Tansy ragwort	<i>Senecio jacobaea</i>
Toothed spurge	<i>Euphorbia dentate</i>
Wild oats	<i>Avena fatua</i>
Wild proso millet	<i>Panicum miliaceum</i>
Yellow hawkweed	<i>Hieracium pretense</i>
Yellow starthistle	<i>Centaurea solstitialis</i>
Yellow toadflax	<i>Linaria vulgaris</i>

### **Additional Alaska Species of Concern**

White Sweetclover	<i>Melilotus alba</i>
Narrowleaf hawkweed	<i>Hieracium umbelatum</i>
Narrowleaved hawksbeard	<i>Crepis tectorum</i>
Reed canarygrass	<i>Phalaris arundinacea</i>
Bird vetch	<i>Vicia cracca</i>
Japanese knotweed	<i>Polygonum cuspidatum</i>
Hawkbit/fall dandelion	<i>Leontodon autumnalis</i>
Hempnettle	<i>Galeopsis spp</i>
Black bindweed/wild buckwheat	<i>Polygonum convolvulus</i>
Bohemian Knotweed	<i>Polygonum sachalinense</i>
Giant Knotweed	<i>Polygonum x bohemicum</i>