ASPHALT REUSES: RECYCLING IN PROGRESS...

Solid Waste Program
Waste Asphalt

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**WASTE ASPHALT RECYCLING OR DISPOSAL**

**What?**
- Administrative Rules of Montana identify waste asphalt as a Group IV non-hazardous waste.
- It is a non-inert material and must be disposed of in a licensed Class II or Class IV landfill.
- Disposal in a Class III landfill, which is for inert materials, is prohibited.
- The Solid Waste Program encourages the diversion and beneficial reuse of waste asphalt materials whenever possible.

**Why?**
- Asphalt millings are typically from road construction projects and can be reused into new asphalt road surfaces as recycled asphalt plant mix (RAP).
- Recycling asphalt reduces landfilling the material and thus saves air space in our landfills.

**How?**
- Waste asphalt can be milled back to usable size and built into the subgrade, base course, sub-excavations, or compacted road surfaces.
- Waste asphalt may also be stockpiled and then reused in an asphalt batch plant later.

**Remember…**
- Any waste asphalt intended for beneficial reuse that needs to be stockpiled for greater than 6 months should first be milled or crushed.
- The stockpiles should also be placed in an environmentally sound location that is not subject to ponding of water and will not degrade surrounding waters or soils by runoff.

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**REUSING WASTE ASPHALT**

- Waste asphalt which is crushed or milled may be incorporated into the compacted roadway prism, including embankment backfill and/or road base material.

- It must be sized to meet the engineering specifications for the project (State, Federal, and/or County Road construction standards)

- MDT’s specifications list crushed, or milled pavement used as foundational road material within the roadway prism must conform to:
  - Maximum lifts of 8 inches
  - Optimum moisture content
  - Size requirements
  - Density Criteria

- Waste asphalt that is used for foundational road material or subgrade must be overlain with compacted material and/or sufficient topsoil that promotes vegetation and minimizes the migration of water through the asphalt product.

- You must always properly slope the material to promote run-off.

- Seasonal groundwater levels must always be considered when reusing waste asphalt.

- Waste asphalt must be above the highest anticipated seasonal saturation level.

- Do not place material in ephemeral drainages or within 100 feet of standing water or groundwater wells.

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**ASPHALT REUSE OR DISPOSAL DEPENDS ON ECONOMIC FEASIBILITY**

- If you are collecting and stockpiling waste asphalt for a fee, a license is required.

If stockpiling for prolonged period, this form must be submitted to DEQ’s Solid Waste Program:

All forms can be found on our website: http://deq.mt.gov/Land/SolidWaste/formrequirements