

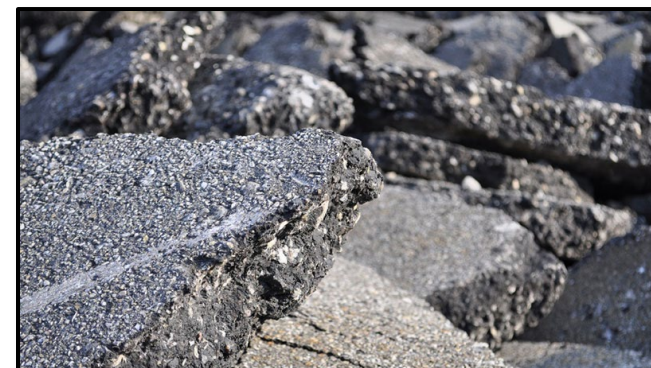
## **ASPHALT REUSES: RECYCLING IN PROGRESS...**



## **Solid Waste Program**

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## **Waste Asphalt**



**Montana Department of  
Environmental Quality**  
PO Box 200901  
Helena, MT 59620-0901



**Solid Waste Section**  
<https://deq.mt.gov/twr/programs/solidwaste>  
406-444-5300

**Solid Waste Program (SWP)**  
[deqswprogram@mt.gov](mailto:deqswprogram@mt.gov)  
406-444-3463

## 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.

## 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.

## 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:**

  
**TEMPORARY WASTE ASPHALT STORAGE NOTIFICATION FORM**

<b>Section 1 Contractor Information (Please Print)</b>		
Company Name	Company Address (City, State, Zip)	
	Company Mailing Address (City, State, Zip)	
Company Contact Name	Contact Phone	Cell
<b>Section 2 Landowner Storage Site Information</b>		
Landowner Name	Landowner Mailing Address (City, State, Zip)	
Storage Site Legal Location to nearest 1/4 Section (Section, Township, Range):		
County:		
<b>Section 3 Waste Asphalt Storage Details</b>		
Has waste asphalt been milled or crushed:		
What is the intended reuse of the material:		
Approximate length of time waste asphalt will be stored at location:		
Maximum volume of waste asphalt stored on site:		
<b>Section 4 Certification</b>		
By signing below, I hereby certify that the material temporarily stored at the above location is being stored with the intentional reuse identified above within the timeframe noted. I understand that any storage beyond the length of time noted may be subject to additional requirements.		
Signature of Responsible Person/Company Contact:		

Return completed form to: Montana DEQ, WUTMB-SWS, RQ Box 200901, Helena, MT 59620-0901  
Fax to attention Solid Waste Section: 406-444-1374

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