



July 21, 2015

County of Marin  
Department of Public Works  
P.O. Box 4186  
San Rafael, CA 94903

**RE: Request to Extend Surface Mining and Quarrying Permit #Q-72-03,  
Amendment #2**

Dear Richard,

Dutra Materials requests an extension of the Surface Mining and Quarrying Permit #Q-72-03 Amendment #2, allowing the importation of asphalt pavement grindings consistent with Condition #30b; importation will terminate 1 year prior to the termination of the surface mining operation, or upon the end of the asphalt concrete batch plant use, whichever occurs first. The extension requested would allow Dutra to continue to accept grindings from paving projects in Marin County for re-use as recycled asphalt pavement (RAP) in hot mix asphalt. Acceptance of grindings and the utilization of RAP in Hot Mix Asphalt is now an industry standard. Extension of this amendment would allow Dutra to maintain sustainable best practices associated with the asphalt pavement industry.

The benefits of accepting grindings and utilizing recycled asphalt pavement are well known. A few examples are:

- Utilization of RAP is a sustainable construction method and factored into LEED certification.
- Acceptance of RAP diverts material from landfills.
- RAP contains oil which thereby reduces the demand for virgin oil.
- Grind and pave operations gain efficiencies.
- Reduces total truck miles associated with projects.
- 100% recyclable.
- Consistent with AB 812.
- Potential to reduce costs to Marin County projects.

THE DUTRA GROUP

Acceptance of grindings will not increase truck trips or emissions. Trucks importing grindings would leave the quarry with Hot Mix Asphalt and return to the quarry loaded with grindings. Grindings brought to our site would be deposited into a stockpile and the stockpile would be maintained consistent with our dust mitigation procedures; as any other stockpile onsite would. The stockpile of grindings would be located near the asphalt plant as shown in the attached site plan. Once grindings have been processed into RAP, the rap would be introduced into our asphalt plant by way of feed hopper and conveyor. The introduction of RAP to the asphalt plant does not change the annual permitted throughput or permitted truck trips. It simply replaces approximately 15-25% of the virgin rock and approximately 1% of virgin asphaltic oil.

Importation of grindings does not affect the reclamation plan as 100% of imported grindings would be recycled for use in new hot mix asphalt.

Amendment #2 allowing the importation of grindings required that the quarry grindings stockpiles not exceed 38,200 tons, the trucks hauling grindings be tarped and the Quarry be in full compliance with the Permit. We are happy to inform you that our grindings stockpile is approximately 20,000 tons, all truck hauling grindings have been tarped, we have received no complaints regarding the importation of grindings and are in full compliance with all other conditions of Permit Q-72-03.

Dutra prides itself on being a steward of the environment. Importation of grindings and the utilization of RAP will allow Dutra and Marin County to continue to further our partnership in sustainable business practices.

Feel free to contact me should you have any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read 'A. Johnson', with a long horizontal line extending to the right.

Aaron Johnson