

Wanda Wonders How Dust from Roadways can be controlled.



Environmental Messenger

Reduce Our Impacts

ROAD DUST CONTROL



As traffic moves along roads, it stirs up dust from the pavement and re-suspends it in the air creating road dust.

ROAD DUSTS CONSIST OF PARTICULATE MATTER FROM VEHICLE EXHAUSTS, AND TIRE, PAVEMENT AND BRAKE WEAR.



Road dust is a significant contributor to the level of Particulate Matter (PM) in our air and is a cause of poor air quality.



Load Not Covered

To minimize road dust:

- Slow down.
- Cover your loads.
- Limit load size to avoid spillage of material.
- Minimize the distance traveled.
- Minimize mud and dust track-out from un-paved areas.
- Maintain the road surface.
- Maintain your vehicle.



Load Covered

To control road dust:

- Clean paved roads.
- Apply chemical dust suppressant, when necessary.



Overfilled Load

Questions

How is your facility designed to reduce distances traveled?

What changes could you make to reduce distance traveled?

What steps do you take to minimize track out from your facility?

What additional steps could you take to minimize road dust?



Road Sweeping



Flushing Road

The material used for traction control in winter is a source of dust.

To minimize dust generation from winter traction control products:

- Only apply what is needed.
- Use screened and washed aggregates.
- Use materials with an angular shape (those that have been crushed).
- Use durable aggregate.
- Remove the winter traction material quickly in the spring.
- In Scandinavia, they have tested the use of heated aggregate for winter traction. It was longer lasting than traditional sand/salt applications.

Reduce Our Impacts



You must be the change you wish to see in the world.
Mahatma Gandhi



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