

Central Pre-Mix Earns 2015 Clean Air Award *for work done at their Sullivan Road Plant*

Central Pre-Mix (CPM) is the recipient of the 2015 Clean Air Award, presented by Spokane Clean Air for their renovations and improvements at their Sullivan Road Gravel Plant. The efforts undertaken at the Gravel Plant over the last several years have resulted in measurable air pollutant reductions.

This 85 year old company has a strong history of innovation, safety and environmental stewardship. In 2009, the Sullivan Gravel Plant started major renovations, investing nine million dollars to improve the facility. Improvements include:

- ◆ Installation of a state-of-the-art rock crusher that has reduced dust emissions to the extent that they've moved from a *Synthetic Minor* source to a *Natural Minor*, which basically means fewer regulatory requirements and lower permit fees.

- ◆ Installation of a conveyor that runs from the Gravel Plant to a neighboring batch plant has eliminated the need for haul trucks, haul road revisions and a new parking plan. Each year this removes about 7,000 haul truck miles driven on facility dirt roads. This equates to an annual fuel savings of about \$35,000 and over one ton of air emissions reduced.

CPM also implemented these conservation efforts at the Sullivan Gravel Plant:

- ◆ Established maintenance practices on all fleet vehicles, including tire pressure monitoring, to increase fleet fuel efficiency.

- ◆ Purchased equipment with EPA Tier 4 engines, further reducing their impact on our air quality.

- ◆ Installed a 5-minute idle timer on all mobile equipment, including five front end loaders and two haul trucks, used in the rock crushing operation that shuts down equipment when it is not in use.

To further reduce their environmental footprint, CPM implemented these energy efficiency upgrades:

- ◆ Redesigned and upgraded the Sullivan Gravel Plant with National Electrical Manufacturers Association (NEMA) premium efficiency motors and automated control systems, which allows portions of the plant to operate independently. These upgrades have an annual electricity savings of approximately \$32,000 a year.

- ◆ Installed GPS systems on all mobile equipment. The GPS systems produce reports on idling times, fuel efficiency and can help detect equipment and operator issues before they become a concern.

Congratulations to everyone at CPM! ■



Paul Franz, Brian Ellingson and Jana McDonald of Central Pre-Mix with Julie Oliver, Spokane Clean Air Director.

The Clean Air Award recognizes innovation and commitment by a facility to reduce air emissions and improve air quality in our community, and to encourage others to follow suit. Past recipients include: Fairchild Air Force Base, Avista, TransCanada, Huntwood Industries, Inland Empire Paper, Ross Printing, Fiber-Tech Industries, CXT, Beacon Cleaners, Ed's Premier Auto Body, Providence Sacred Heart Medical Center. For more information, visit www.SpokaneCleanAir.org.

