

“Why Clean Air Works!”

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The beginning.....

- In 2004, EPA designated the Charlotte-Mecklenburg area including the eastern portion of York County as non-attainment for the 8-hour ozone standard.
- April 2006, we were solicited by CAW! to be a charter member.
- That same day senior management decided to become a charter member of CAW!

Why become involved?

- AbitibiBowater recognized the need to improve air quality for the benefit of the region.
- We realized the benefits would improve the quality of life for community residents.

Why become involved?

- CAW! and improving air quality will have a positive impact on the regional economy.
- Non-attainment increases the cost of doing business. It is important for the region to become in attainment with the existing and new ground level ozone standards.
- We live here too!

Initiatives - Letters

- Sent several hundred letters to vendors and wood suppliers regarding CAW and our initiative to improve air quality.
- Detailed information included in the letter.
- Letters sent out each year.

Initiatives - Training

- Conducted ozone awareness training for all employees.
- We train all new employees.
- We explained to our employees the importance of reducing ground level ozone and provided suggestions on how they could help.

Initiatives

- Ozone awareness questions in our weekly newsletter. Correct answers eligible for a small token of recognition.
- On Code Red and Purple Ozone Alert Days the NCDENR Forecast Flyer is sent to all employees. The flyer reminds all employees on ways to reduce ground level ozone formation.
- We conduct gate greetings to increase awareness.

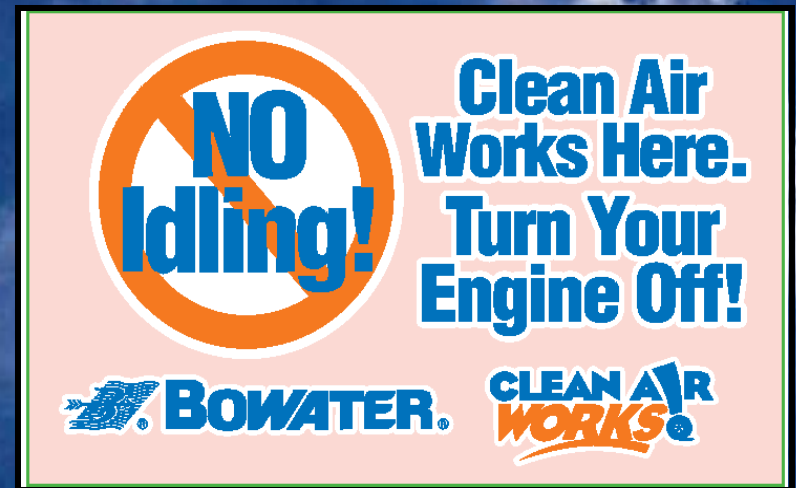
Initiatives

- Gas cap checks.
- During the past two ozone seasons we have replaced 15 gas caps.



Initiatives

- No idling policy.
 - Started to strictly enforce the spring of 2007.
- Placed stickers in mill vehicles.



Initiatives

- Removed keys from idling vehicles.
- Required to pick-up keys at Security.



Initiatives

- Replaced incandescent bulbs with compact fluorescent lamps in several office buildings.
- Over 50 CFL's installed.
- Held several CFL lamp sales.
- CAW! audit suggestion.



Initiatives

- Increased unoccupied hours on office building HVAC units. CAW! audit item.
- Established reward program for refueling after 6 pm.
- Special parking places and incentives for carpoolers.
- Load shed electrical power during high demand periods in the region which are typically on hot summer afternoons.
- Air quality flags at main gate.

Initiatives

- Air quality flags at main gate.



2007 Events

- July 2007 event was a panel discussion of ozone awareness and CAW! Included giveaways and snacks.
- August 2007 event was a gate greeting that included a drawing for environmentally friendly gas containers, lunch kits, and gift cards. In addition, we conducted a gas cap check.



2008 Initiatives

- Added additional car pooling parking.
- Lynx Blue Line presentation by CATS.
- SMART and Mercedes Benz BlueTech Car Event at the facility. Supported by the Mercedes Benz/SMART Car dealership in Pineville.
- CFL sales.
- Gas cap checks.
- Electric lawnmower promotion.





4/17/2009

2009 Initiatives

- Recruited team members from new on-site corporate customer service center.
- John Deere CARB compliant lawnmower event at the mill.
- Potential bicycle tune-up event???

2009 Initiatives



4/17/2009

Final Comments

- Huge PR success.
- CAW! is a great program that is vital to the region.
- Special thanks to the CAW! Team at Catawba, all of the employees at the Catawba Operations, Regional Air Quality Board, and URS.

BlueTEC is a modular system that includes an oxidation catalytic converter and a maintenance-free particulate filter as well as new techniques for reducing nitrogen oxide emissions – the last type of exhaust gas that's higher in diesel vehicles than gasoline engines. The BlueTEC diesels use an NO_x storage catalytic converter in combination with an SCR catalytic converter and AdBlue injection to lower NO_x emissions.

The AdBlue system injects an aqueous urea solution into the exhaust flow, which releases ammonia (NH₃), reducing nitrogen oxides to harmless nitrogen and water in the downstream SCR catalytic converter. Just the right amount of AdBlue for a given engine load and speed is injected to get the greatest reduction of nitrogen oxides. Its tank only needs to be refilled every 10,000 miles during routine maintenance intervals.