

## Walker Brothers Asphalt

### Proud of Environmental Initiatives



Walker Brothers Asphalt



Baghouse

#### Efficiently operate by

- maintaining the baghouse with new bags, pulsator, blow pipes and making repairs to cell plate. In addition to ensuring dust is contained, the improvements have resulted in higher efficiency.
- replacing electric motors with high efficiency models

#### Acknowledge our part by

- sandblasting and painting throughout the plant
  - the new durable paint will require less maintenance

#### Reduce our impacts

- Installed metal cladding on batch tower to improve dust management
- Installing plexiglass in the batch tower roof to allow for natural light and decrease energy use
- Use water truck to reduce dust emissions
- Introducing approximately 2-3 percent of baghouse dust back into hot mix
- Worked with sales to reduce dust by minimizing quantities of Agglime stored on-site

#### Take time to plan

- Setting goals each year for improving plant efficiency
- Assessing option for upgrading the hot oil heater. Improvements would include:
  - saving 35% running efficiency
  - eliminating over 100 feet in hot oil lines
  - reduction of noise
  - decreased chances of incidents

#### Higher Environmental Performance

- Recycling old roadways and other sources of asphalt by using 15-20% reclaimed asphalt in virgin asphalt production

#### 1st Innovation and leadership

- Researching silos with electrical cone heating which would:
  - Reduce hot oil consumption by approximately 50%
  - Decrease potential for oil spills



Loading Agglime Product



High Efficiency Thermal Fluid Heater



Hot Oil Lines



Hot Oil Heater



Mike Camposarcone



High Efficiency Motor



Terry Johnson

#### QUESTIONS / DISCUSSIONS

1. What long term or short term goals could you set to improve efficiency at work or at home?
2. What could you do onsite to improve air emissions?
3. What changes could you make to decrease chances of a spill incident?

### COMMIT ■ CREATE ■ PARTICIPATE





# Our Environmental Messenger™

Acknowledge Our Part

Walker Brothers Asphalt

November 2013

COMMIT ■ CREATE ■ PARTICIPATE

Company \_\_\_\_\_ Date \_\_\_\_\_ Delivered by \_\_\_\_\_

Other topics discussed \_\_\_\_\_

Name \_\_\_\_\_ Signature \_\_\_\_\_

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## RECORD RESPONSES SPECIFIC TO YOUR SITE

1. What long term or short term goals could you set to improve efficiency at work or at home? .....

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2. What could you do onsite to improve air emissions? .....

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3. What changes could you make to decrease chances of a spill incident? .....

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## Our Champions this month are Norjohn Contracting

Norjohn Contracting is in the process of replacing their barrel lights with solar powered options. This change will reduce the use of batteries on job sites and let nature light the way. Great job, NJC!



Commit ■ Create ■ Participate

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Clearly no group can, as an entity, create ideas. Only individuals can do this.  
A group of individuals may, however, stimulate one another in the creation of ideas.  
Estill I. Green

Kevin Danku