

**2009 Animal Agriculture
Environmental Sustainability
Summit**

**Environmental Management
Systems**

Michael Brom



PotashCorp.com



PotashCorp

PotashCorp is an integrated producer of fertilizer, industrial and animal feed products. We are the world's largest fertilizer enterprise, producing the three primary plant nutrients: potash, nitrogen and phosphate.

PotashCorp has major production facilities in Canada, USA and Trinidad.



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Will not talk about

- Environmental Information Management Systems
- Trade name specific systems including ISO 14001



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About PotashCorp

- Integrated fertilizer producer
 - Phosphate mines w/ chemical plants
 - 7 Potash mines in Canada
 - Ammonia production in the USA and Trinidad
- Feed production at 3 locations in the United States
 - Marseilles, IL
 - Joplin, MO
 - Weeping Water, NE
- Produce monocalcium phosphate or monocal and dicalcium phosphate dical



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Environmental Management Systems

- Mission Statement
- Standards
- Training
- Auditing
- Environmental incident reporting
- Measuring performance
- Best practices sharing



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Mission Statement

No harm to people or the environment



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Environmental Management Approach

- Corporate standards – very few
- Site specific procedures
- Job specific procedures



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Environmental Training

- Minimum standards for those performing environmental work
- Mentoring program for environmental managers, engineers and technicians
- On the job training program for production workers
- Quarterly and yearly training for operations staff



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Auditing

- Audit every site environmental program every year
- Once every three years we have an outside audit firm audit each of the major sites
- Targets for best management practices, compliance and training with 15- 30 percent of the site at risk pay paid on an environmental performance basis
- Audit for compliance and management systems
- Environmental audit items go to the board of directors for review
- Our outside financial audit firm audits our environmental programs for compliance with Sarbanes-Oxley Compliance.



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