

# Midwest RPO Nonroad Project

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MWRPO



# Midwest RPO Nonroad Inventory Project

- Started in August 2003
- Goal: Build Nonroad Model Inputs for 2002 CERR inventories and MWRPO Modeling
- Goal is to update Population, Temporal and Load Fractions. Not EF's
- Draft in April 2004
- Final Fall 2004

# Vessels

- Use TVA and other databases to develop Great Lakes, Mississippi, and Ohio River traffic patterns.
- Create Link based network, Not county based.

# Motorboats/Rec Marine

- Review past surveys and databases primarily from Wisconsin to develop Midwest temporal attributes, fuel use, and engine types.
- Spatial allocation of motorboats still assumes Great Lakes boat density is same out to 2 miles as inland lakes. Past Studies showed 130-190 meters would be more appropriate.

# Agricultural Equipment

- Survey of farmers to collect fuel use and activity data.
- We think equipment populations are not broken but that load/utilization is incorrect.
- This NOX category is where the ammonia is.
- Midwest specific temporal needed.

# Construction Equipment

- Houston Study shows significant problems
- Phone surveys of 350+ companies.
- Develop load factors and equipment populations

# Railroads

- Contact Class 1 companies directly
- Contact Chicago METRA, Amtrak for transit
- Develop county specific Ton-miles
- Not link specific inventories