<u>Proposed Projects/Suggestions for EIIP Funding</u>

Standing Air Emissions Work Group Meeting

October 18, 2003

1. Review of FIRE SCC and Emission Factor Combinations (no resource estimate)

2. Use Technology Transfer to add Emission Factors to FIRE (no resource estimate)

3. Focus on Emission Categories with Most Uncertainty: Wildland Fires, Ammonia and Area Source Solvents (no specific project proposal or resource estimate)

4. Dairy Ammonia Emissions Model ($50 K)

5. Estimate Category 2 commercial marine engine populations and develop an allocation method ($100 K)

6. Characterize commercial marine vessel inter-port activity and develop a modeling method ($150 K)

7. Conduct an analysis of commercial marine vessel emissions transport and develop a modeling method ($75 K)

8. Deploy SPOT on commercial marine vessels in select ports to characterize activity and NOx emissions ($100 K)

9. Develop an interface between EDMS and MOVES ($40 K)

10. Update EDMS to include historical aircraft activity data for commercial aircraft activity by airport and aircraft type; and GA, air taxi, and charter activity ($15 K)

11. Characterize aircraft emissions in cooperation with ORD, by supplementing existing work ($150 K)

12. Deploy SPOT on locomotives to collect idle data, switch and commuter activity data, and emissions as a function of grade ($200 K)

13. Support to USFS to build a GIS-based fuel loading coverage database of the US that all stakeholders can use for fire EI's ($50 K)

14. Support to EPA-ORD to integrate the BlueSky fire emissions and modeling system with modular emissions processors and grid models (e.g., SMOKE & CMAQ). ($70 K)

15. Continue co-support of and preparation for a workshop on fire emission estimation methods and data needs ($60 K)

16. Enhanced QA/QC for HAPs and PM/VOC Comparison for CAP/HAP ($25 K)

17. Create a emissions graphical QA tool that is similar to that proposed for OPEM ($80 K)

18. Provide training and additional tools for states to efficiently QA and submit their NEI data ($50 K)

19. Emission Inventory Training for states/locals/tribes ($60 K)

20. Enhancement of PM and HAP training modules ($150 K)

21. Emission Inventory Conference for 2005 ($35 K)

22. Address Comments on Paint Manufacturing Document Update ($15 K)