

# PROGRESS REPORT

## DESIGN AND IMPLEMENTATION OF AN EMISSIONS DATA MANAGEMENT SYSTEM (EDMS)

WGA/WRAP Contract No. 30204-78

Period: September 1 – September 30, 2006

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## **I. INTRODUCTION**

The Emissions Data Management System (EDMS) was developed in the 2004 calendar year under this contract. Modifications No. 2-8 of the contract provide for support of the system.

## **II. PROGRESS**

In September 2006, achievements included:

- XML import coding, testing and installation on development platform;
- Supporting new user registrations and user support requests;
- Preparing a Fire Problem Statement to the WRAP EDMS Technical Coordinator;
- Performing routine DBA activities to maintain the operation of the EDMS including but not limited to:
  - Select query analyses;
  - Index maintenance;
  - File analyzing;
  - Monitoring table and database space constraints;
  - Balancing table continuity and contiguous storage;
  - Performing database tuning activities pursuant to the continued smooth operation of the EDMS database and application;
- Preparing information transfer documents for the project, and;
- Preparing the monthly progress report.

## **III. PLANS FOR OCTOBER**

Upcoming Plans include:

- Installation of the XML NIF import on production environment;
- Removal of hourly fire data from data versions 1.2 and 1.3;
- Complete the 2018 data imports;
- Complete the 2002 tribal import;
- Attend the Emission Forum meeting via teleconference;
- Preparation of monthly progress report and project scorecard, and;
- Routine database maintenance and user support.

## **IV. PROBLEMS**

No problems were encountered.

## **V. EXPENDITURES**

There is a maximum budget of \$373,510 available for work authorized by Contract Modifications Nos. 2 through 8 of this contract. During September, 83 technical hours and \$23,574.28 were expended. The current invoice includes charges for Pechan's subcontractors, i2k2 (August and September) and CEP (June through September). The cumulative expenditures of the Modification Nos. 2 through 8 budget are 2,345.5 technical hours and \$374,038.86.