

**WESTERN REGIONAL  
AIR PARTNERSHIP**

**EMISSIONS DATA  
MANAGEMENT SYSTEM**

**Operational Report  
April - June 2006**

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July 31<sup>st</sup>, 2006 Contract No. #30204-78

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### **Appendix A – Project Scorecard**

## I. Introduction

The Emissions Data Management System (EDMS) was developed in 2004 under the WRAP contract #30204-78. Modifications 2 through 8 of this contract provide for ongoing support, operation, maintenance and data loading activities of the EDMS. This report provides details of the activities associated with the ongoing activities of the EDMS for the report period.

## II. Activities

The project scorecard, attached in Appendix A, contains the details and dates of past and ongoing and planned activities associated with the EDMS. The activities include:

- Created Development platform and synchronized it with the Production for software testing, enhancements testing and bug fixing.
- Application bug fixes were tested and moved from Development to Production;
- Optimized Production Tables with over 73 million records;
- Analyzed XML files from Alaska and compared it with EPA XML schema for NIF v3 format;
- Resolving data format issues;
- User support and registration;
- Database maintenance;
- Preparation and transmission of user notifications;
- Report preparation, and;
- Project Administration.

## III. User Information

### A. New Registrations

The new user registrations for the past three months are as follows:

Month	New User Registrations
April 2006	9
May 2006	3
June 2006	11

### B. Privilege Promotions

The following users were promoted to the categories listed below:

Data Analyst	Data Owner
	Matthew Poppen

### C. User Census

User Category	Number of Users
General Users	194
Data Analysts	25
Data Owners	22
<b>Total</b>	<b>241</b>

### IV. Web Traffic

The web activity for the EDMS over the reporting period includes:

Category	Number
Visits to Site	1,362
Individual Page Views	22,293
Unique Visitors	471
Data Transferred	3.78 GB

A complete web traffic report is available at the following URL:

<http://projects.pechan.com/edms/ProgressReports.html>

### V. Finances

The table below shows the project's financial status up to the reporting period.

Resource	Budgeted	Spent	Remaining
<b>Last Reporting Period<sup>1</sup></b>			
<b>Hours</b>			
April		167.0	
May		171.5	
June		186.0	
<b>Dollars</b>			
April		23,820.00	
May		21,502.00	
June		33,792.00 <sup>2</sup>	
	\$45,000.00	71,994.00	
<b>Project</b>			
Hours		2,027	
Dollars	\$373,510.00	\$317,693.47	\$55,816.53

<sup>1</sup>April-June, 2006

<sup>2</sup>This figure includes \$14,582.50 of back invoices from CEP (January 2006-May 2006) for hosting services for the EDMS.

## **Appendix A**

**E.H. Pechan & Associates, Inc.**  
**WRAP-EDMS Project Scorecard**  
**2006-07-31**

1

A. Tasks completed by Month

<b>Task</b>	<b>Description</b>	<b>Comments</b>	<b>Completion Date</b>
<b>May 2006</b>			
1.	Completed design and initial coding of XML NIF import	<ul style="list-style-type: none"> <li>• Initial coding is complete</li> <li>• Pechan has acquired XML files from Alaska to be used for testing</li> <li>• Pechan received initial XML files from New Mexico for testing</li> </ul>	<p style="text-align: right;">5/25</p> <p style="text-align: right;">5/25</p> <p style="text-align: right;">5/25</p>
2.	Processing of inventory Version 1.3	<ul style="list-style-type: none"> <li>• Fire data loaded into Point</li> <li>• Tribal changes/updates loaded</li> <li>• Duplicate TR record issues resolved</li> </ul>	<p style="text-align: right;">5/25</p> <p style="text-align: right;">5/25</p> <p style="text-align: right;">5/25</p>
<b>June 2006</b>			
1.	Processing of inventory Version 1.3	<ul style="list-style-type: none"> <li>• Make available to data owners</li> <li>• Notified data owners for review and comment</li> <li>• Determine planned timing and responsibilities for what states and contractors will be doing with this data</li> </ul>	<p style="text-align: right;">6/19</p> <p style="text-align: right;">6/23</p>
2.	Reestablish development and test environment at CEP		6/13
<b>July 2006</b>			
1.	Update Action Plan	<ul style="list-style-type: none"> <li>• Update for Emissions Forum Meeting</li> </ul>	7/7
2.	As Delivered Document	<ul style="list-style-type: none"> <li>• Draft for Emissions Forum Meeting</li> </ul>	7/7
3.	DBA Activities Documentation	<ul style="list-style-type: none"> <li>• Draft for Emissions Forum Meeting</li> </ul>	7/7
4.	XML NIF Import	<ul style="list-style-type: none"> <li>• Discuss at Emissions Forum Meeting</li> <li>• Analysis Alaska NIF XML Files</li> </ul>	<p style="text-align: right;">7/12</p> <p style="text-align: right;">7/31</p>
5.	NIF Import/Fire Data	<ul style="list-style-type: none"> <li>• Analysis of EDMS NIF export and Fire data</li> </ul>	7/21
6.	30/60/90 bug fixes	<ul style="list-style-type: none"> <li>• Apply naming convention to system-prepared files.</li> <li>• Demonstrate compliance of Fire data in all system phases.</li> <li>• Add Fire type to Fire Report 1; Move Standard Report 10 (Fire summary) to Fire tab.</li> <li>• Add Fire option to upload screen.</li> <li>• Address report graphics for very small emissions.</li> <li>• Add GIS Secondary roadways layer.</li> </ul>	7/31

**E.H. Pechan & Associates, Inc.**  
**WRAP-EDMS Project Scorecard**  
**2006-07-31**

**B. Action items for August 2006**

<b>Task</b>	<b>Description</b>	<b>Expected Completion Date</b>	<b>Staff Assignment</b>
1.	EGU correction process – ERG to repair inventory and resubmit	TBD	Tom Moore
2	New Mexico NIF XML file Analysis <ul style="list-style-type: none"> <li>• Pending obtaining new set of files from New Mexico</li> </ul>	August 15	Manish Salhotra
3.	Finalize Action Plan Document	August 15	Manish Salhotra
2.	XML NIF Import <ul style="list-style-type: none"> <li>• Complete Import and move to production pending results of Alaska and New Mexico file analysis and subsequent decision process</li> </ul>	August 31	Manish Salhotra
3.	As Delivered Document <ul style="list-style-type: none"> <li>• Incorporate Emission Forum comments received by July 31</li> </ul>	August 31	Steve Boone
4.	DBA Activities Documentation <ul style="list-style-type: none"> <li>• Incorporate Emission Forum comments received by July 31</li> </ul>	August 31	Manish Salhotra/Steve Boone
5.	Begin 2018 inventory loading <ul style="list-style-type: none"> <li>• Begin 2018 Data Loading</li> </ul>	August 31	Manish Salhotra

**C. Action items planned for August through September 2006**

<b>Task</b>	<b>Description</b>
1.	Add description for inventory id numbers
2.	Add “EPA” to the front of “Regions” on Modeling and Ad-hoc screens
3.	Import new Alaska Data
4.	Create and implement new inventory description/differences page on website
5.	Data Archiving
6.	Training – Fall 2006
7.	Tribal Data Reconciliation/Tribal Reconciliation Document Posting
8.	Distribute State/Local/Tribal Data Provider Survey <ul style="list-style-type: none"> <li>• Who collects the data?</li> <li>• Who analyzes the responses?</li> </ul>
9.	Potential Data Validation
10.	Fire Data Resolution

**D. Open Issues Pending Decision or Resolution**

<b>Task</b>	<b>Description</b>	<b>Responsible Party for Follow-up</b>
1.	Mexico Inventory (timing, sectors, spatial integration, inventory period)	Steve Boone/Tom Moore
2.	2005 EI data (what data are to be expected, when)	Steve Boone/Tom Moore

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**WRAP-EDMS Project Scorecard**  
**2006-07-31**

<b>Task</b>	<b>Description</b>	<b>Responsible Party for Follow-up</b>
3.	Spatial resolution of emissions	Manish Salhotra/Jim Wilson
4.	Fire tracking system and resulting fire data	Steve Boone/Tom Moore
5.	NPS Class I area inventories <ul style="list-style-type: none"><li>• Analyze available data formats for integration with EDMS</li><li>• Identify overlap issues with state-supplied data if compatible with EDMS</li></ul>	Manish Salhotra