

US EPA ARCHIVE DOCUMENT

e-Manifest System Webinar #1

Lessons Learned from Multi-State e-Manifest Pilot Study

April 22, 2009
1:00PM - 3:00PM EDT

Agenda

- Introduction
- Review of November 2008 e-Manifest User Meeting
- Webinar Schedule
- Lessons Learned From Pilot System
- Discussion
- Next Webinar

Introduction

- First of four scheduled webinars on e-Manifest
- Ground Rules
 - Lines will be muted until the discussion period starts.
 - Type in your questions and we'll review them at the Q&A period
- If you have technical difficulties using the webinar, please call 1-866-299-3188 and enter the code 703 308 8796

Review of November 2008 User Meeting

- Meeting was held on November 19-20, 2008
- EPA invited representatives from the States and hazardous waste industry to gather input on e-Manifest system
- EPA provided an update on the current approach
- Users provided feedback on desired functionality and performance expectations
- EPA prepared and sent meeting summary to users for their review and comment

Follow-up Discussions with Users

- EPA will hold 4 webinars between April and June to get further user input. Topics for the 3 last webinars are still tentative.
 - Pilot study lessons learned
 - Alternatives analysis for e-Manifest
 - Manifest data quality and e-Manifest integration with Biennial Report
 - Practical user expectations for the e-Manifest
- After each webinar, a summary will be prepared and e-mailed to you for review and comment.

Webinar Schedule

« April 2009 »						
S	M	T	W	T	F	S
22	23	24	25	26	27	28
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2
3	4	5	6	7	8	9

Pilot Lessons Learned

« May 2009 »						
S	M	T	W	T	F	S
26	27	28	29	30	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6
7	8	9	10	11	12	13

Alternatives Analysis For e-Manifest

« June 2009 »						
S	M	T	W	T	F	S
24	25	26	27	28	29	30
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	1	2	3	4
5	6	7	8	9	10	11

Data Quality and Biennial Report

System Performance Expectations

All webinars are from 1:00 – 3:00PM EDT. At the conclusion of each webinar, we will confirm the date, time, and topics for the next webinar, and then follow up with a reminder a few days before it.

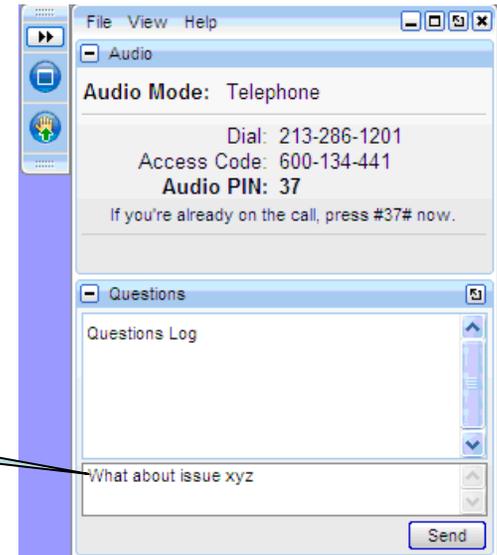
Lessons Learned From Pilot System

- Presented by:
 - Michael Beaulac, Michigan DEQ
 - Jason Bunker, Windsor
- Full lessons learned document can be found at:
 - <http://www.e-manifestpilot.com/app/News.aspx?article=7>

Discussion

- Questions and comments welcomed from all webinar participants (not just pilot participants)
- To help facilitate an orderly discussion, please send a typed question or comment to the facilitator by:
 - Typing your question into the Question Pane of GoTo meeting
 - Clicking the Send button
 - Your question will appear in the Question Log

Type your question here
and click Send



Discussion (cont)

- Based on pilot experience, which capability is most important?
 - 1. Ability to submit e-manifest to states after shipments completed
 - 2. Ability to implement a paperless manifest along with creation and quality aids (templates, quality checks, ...)
- What other capabilities are essential and should be recommended for national system?
- Did pilot experience change anyone's assessment of the more important capabilities and benefits?
- What specific lessons from the pilot merit additional consideration in a national system?
- Did pilot experience highlight any major challenges for a national implementation?
 - Any suggested solutions to the major challenges?
- How important is the integration with the Biennial Report to users?
 - Should this be a significant driver for e-Manifest implementation?
- How well did the system interface with other industry systems?

Discussion (cont)

- Web Site User Interface

- What were the strengths?
- What were the weaknesses?
- Was it dependent on 24/7 availability?
- Would a web interface be an adequate design for a national system?

e-Manifest Pilot System
Dashboard Create Manifest Search

Create Manifest
Manifest Status: 1. DRAFT 2. In-Transit 3. Received 4. Accepted

Select Generator: ABC Energy, Inc. [Select From More Generators](#)

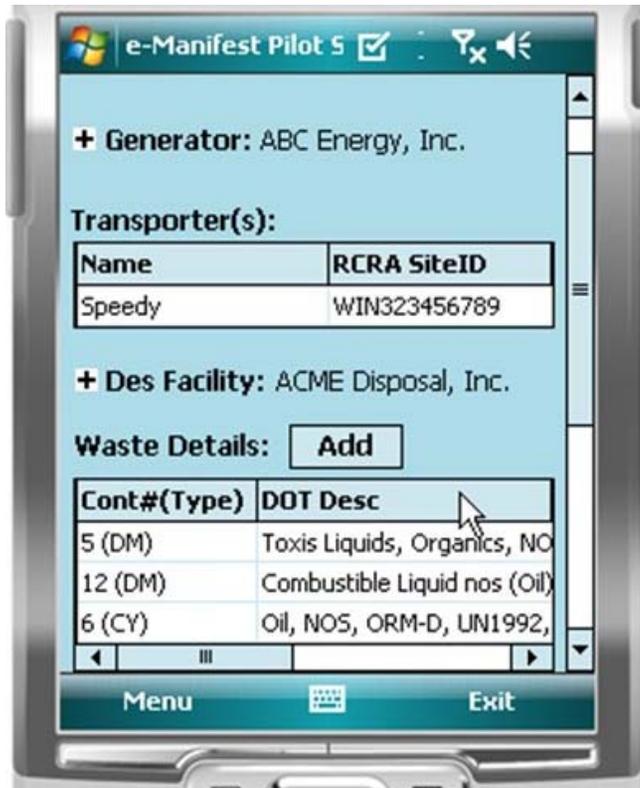
RCRA Site ID: VIN223456789

Emergency Response Phone: 503-675-7833

Mailing Address	Site Address	Contact
Address Line 1: 4000 Kruse Way Place	Address Line 1: 4000 Kruse Way Place	Phone: 503-675-7833
Address Line 2: Building 2, Suite 285	Address Line 2: Building 2, Suite 285	
City: Lake Oswego	City: Lake Oswego	
State: OR	State: OR	
Zip: 97035	Zip: 97035	

Select Transporter(s): [Add](#) [Select From More Transporters](#)

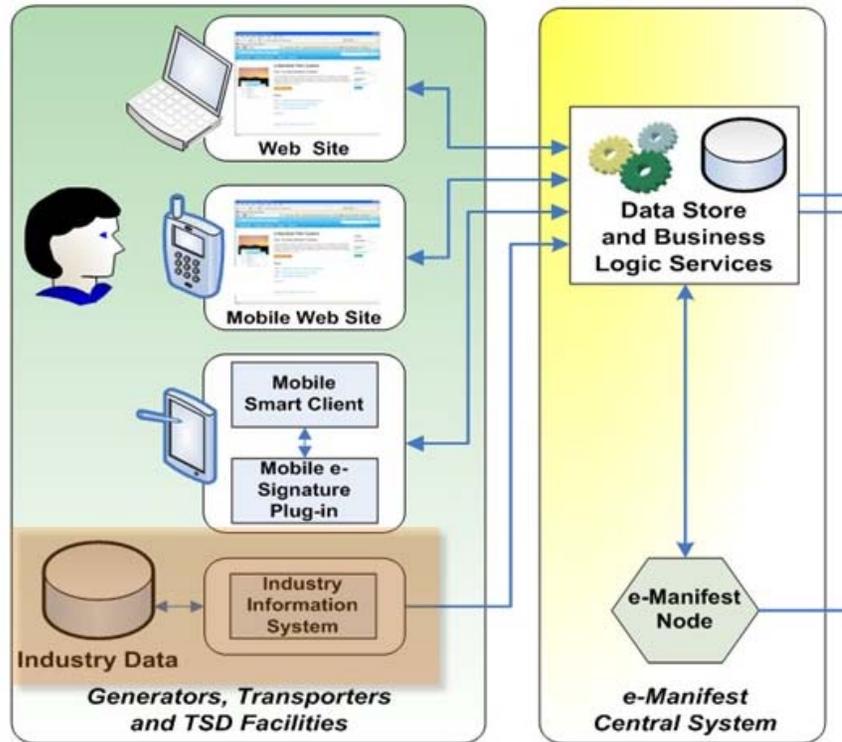
Discussion (cont)



- **Mobile Client Interface**

- What were the strengths?
- What were the weaknesses?
- How well did the interface work for manifest creation?
- How well did it work for signing manifests in the field?
- What issues were there with off-line transactions?
 - Any recommended solutions?

Discussion (cont)



- Industry Web Services Interface
 - What were the Web Services?
 - What worked well with the Web Services Interface?
 - What were the weaknesses of this interface?
 - Is this interface necessarily limited to batch delivery of electronic data from paper manifests?
 - Could Web Services be combined with the other interfaces to enable the batch creation of draft manifests for processing in the field?
 - What challenges would this present?
 - How might these challenges be resolved?

Next Webinar

- Will be held on May 12, 2009, from 1:00 to 3:00 PM EDT
- Topics: Alternatives Analysis for e-Manifest
- A reminder will be e-mailed to you

Supporting Information

e-Manifest Diagram From November 2008 Meeting

