

April 11, 2016

Mobilizing Tank Compliance eRoutine App

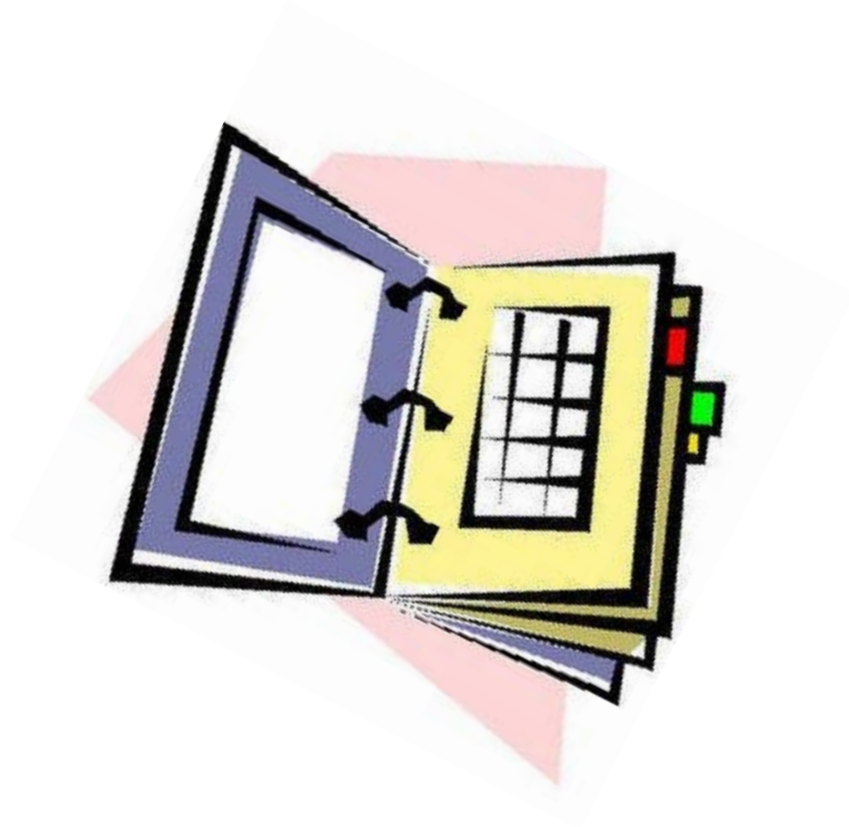
Cheryl Allen

Area Manager-EHS



Mobilizing Tank Compliance- Agenda

- History
- Purpose
- Overview
- Compliance/Best Practice
- eRoutine evolution
- Q&A



Mobilizing Tank Compliance

History

1999 - SW Bell

- On-Site Binders Developed
- 13 Routines

2003 - Acquisitions

- PAC Bell
- Ameritech

2005 – CA Consent Judgment

- Documentation
- Deployed On-Site Binders

2006 – Outside California

2008 – Mobility

Bell South

Background

- RM managed at each facility
- Facility personnel manages compliance
- Manual and labor intensive program

Purpose

- Transition process from paper to an electronic environment
- Provide ability to manage compliance
- Gain efficiencies
- Manage performance

Mobilizing Tank Compliance – Binder Overview

Binder

- **Structure**
- **Guidance Documents**
- **Maintenance Routines**
- **Periodic Events**





Mobilizing Tank Compliance – Binder Overview - Routines

Routine #1

- Tank System Visual Inspection Checklist

Routine #2

Cathodic System

- Impressed Current Readings
- 30 or 60 days
- Site Specific

Routine #3

Monitoring System Alarm Function

- Guidance Sheet
- Functionality Checklist (Panel and Sensors)

Routine #4

SPCC Plan

- SPCC Plan Verification Checklist
- Training Log

Routine #5

PST System Maintenance Tools

- EH&S Equipment Checklist (PPE, Spill Kit, Labeling, etc.)

Routine #6

Monitoring System Calibration

- Guidance Sheet
- ATG Calibration Log



Mobilizing Tank Compliance – Binder Overview

Guidance Documents & Periodic Events

Guidance Documents

- EH&S Contact Information
- Personal Protective Equipment - SPCC
- Spill/Release Emergency Response & Disposal
- Guidelines for Environmental Inspections
 - When A Regulator Knocks
- Site Specific Tank Charts
- Facility Inventory



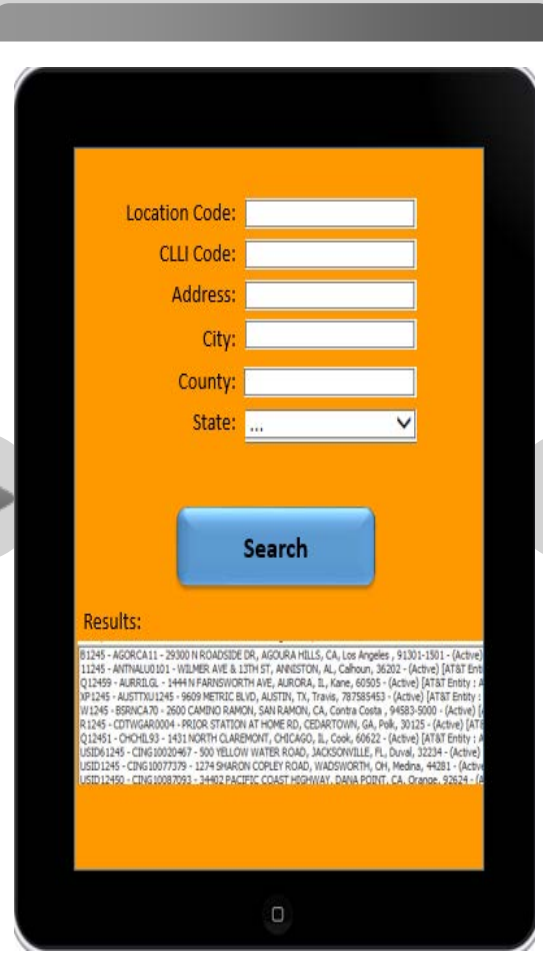
Periodic Events

- Event #1 - Fuel Delivery Checklist
- Event #2 - Drainage of Accumulated Rainwater in Containment Basins
- Event #3 - Manager OSB Routine

Mobilizing Tank Compliance eRoutine App

FRONT END (Mobile Application)

- Lists summary of routines
- Validate storage tank inventory
- Provides electronic access



Location Code:

CLLI Code:

Address:

City:

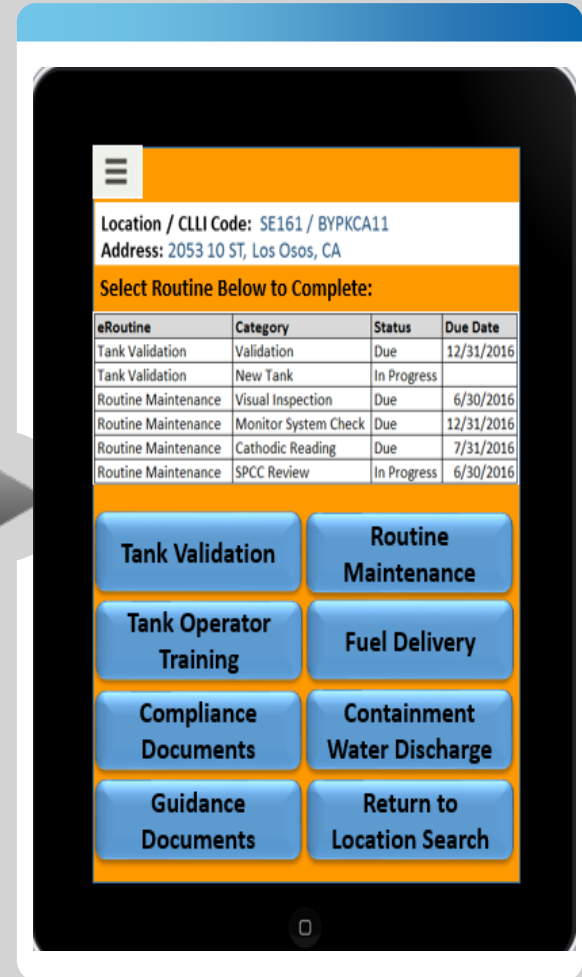
County:

State: ...

Search

Results:

81245 - AGORCA11 - 29300 N ROADSIDE DR, AGOURA HILLS, CA, Los Angeles, 91301-1501 - (Active)
11245 - ANTHALU0101 - WILMER AVE & 13TH ST, ANNISTON, AL, Calhoun, 36202 - (Active) [AT&T Ent
Q12459 - AURRDLGL - 1444 N FARNSWORTH AVE, AURORA, IL, Kane, 60505 - (Active) [AT&T Ent
NP1245 - AUSTYU1245 - 9609 METRIC BLVD, AUSTIN, TX, Travis, 787585463 - (Active) [AT&T Ent
W1245 - BSRNCA70 - 2600 CAMBIO RAMONA, SAN RAMON, CA, Contra Costa, 94583-5000 - (Active) [A
R1245 - COTWGAR0004 - PRIOR STATION AT HOME RD, CEDARTOWN, GA, Polk, 30125 - (Active) [AT
Q12451 - CHCHL93 - 1431 NORTH CLAREMONT, CHICAGO, IL, Cook, 60622 - (Active) [AT&T Ent
USD01245 - CING10020467 - 500 YELLOW WATER ROAD, JACKSONVILLE, FL, Duval, 32234 - (Active)
USD1245 - CING10077379 - 1274 SHARON COPLEY ROAD, WADSWORTH, OH, Medina, 44281 - (Active)
USD12450 - CING10087093 - 34402 PACIFIC COAST HIGHWAY, DANIA POINT, CA, Orange, 92624 - (A



Location / CLLI Code: SE161 / BYPKCA11
Address: 2053 10 ST, Los Osos, CA

Select Routine Below to Complete:

eRoutine	Category	Status	Due Date
Tank Validation	Validation	Due	12/31/2016
Tank Validation	New Tank	In Progress	
Routine Maintenance	Visual Inspection	Due	6/30/2016
Routine Maintenance	Monitor System Check	Due	12/31/2016
Routine Maintenance	Cathodic Reading	Due	7/31/2016
Routine Maintenance	SPCC Review	In Progress	6/30/2016

Tank Validation **Routine Maintenance**

Tank Operator Training **Fuel Delivery**

Compliance Documents **Containment Water Discharge**

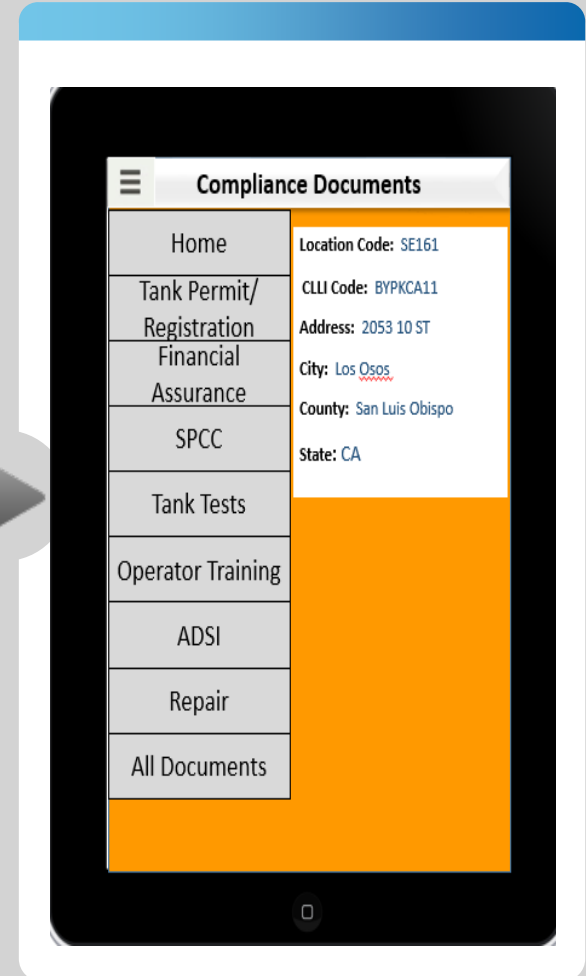
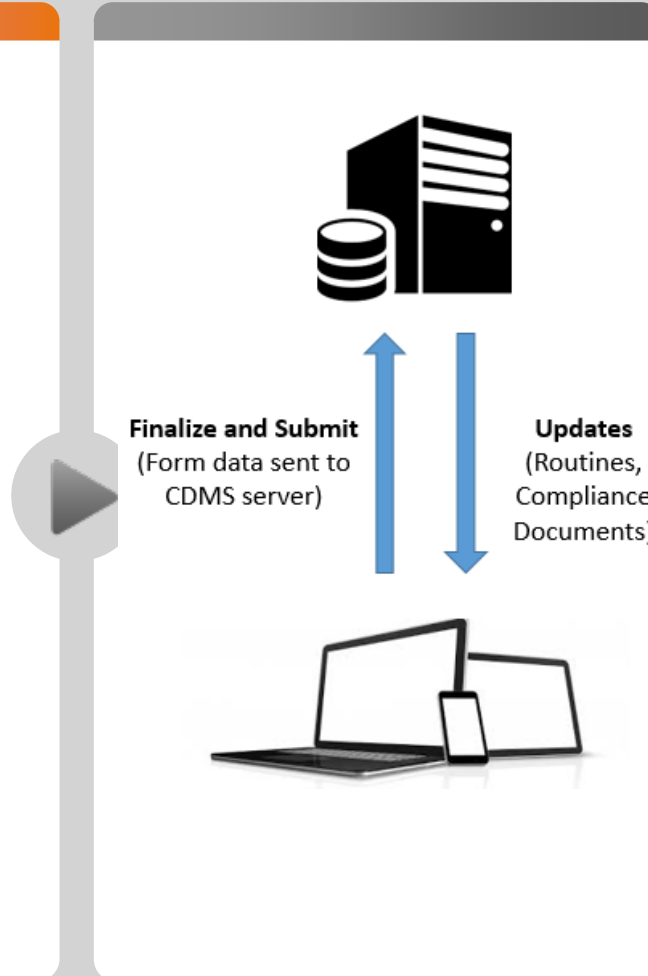
Guidance Documents **Return to Location Search**

Mobile App

Routine Maintenance Program (Server Side Management)

BACK END (CDMS)

- Ability to manage routine questions
- Centrally managed on server
- Adhoc reporting



Mobile APP Routine Maintenance Program (Routine Management Tool Demo)

AT&T Environment, Health & Safety

at&t **Inventory Management**

Tools EH&S Systems Home Logout MATTHEW PETTEE (IMS Domain Administrator, Water Inventory User)

Sections Questions Question Association

Routine: Add Section

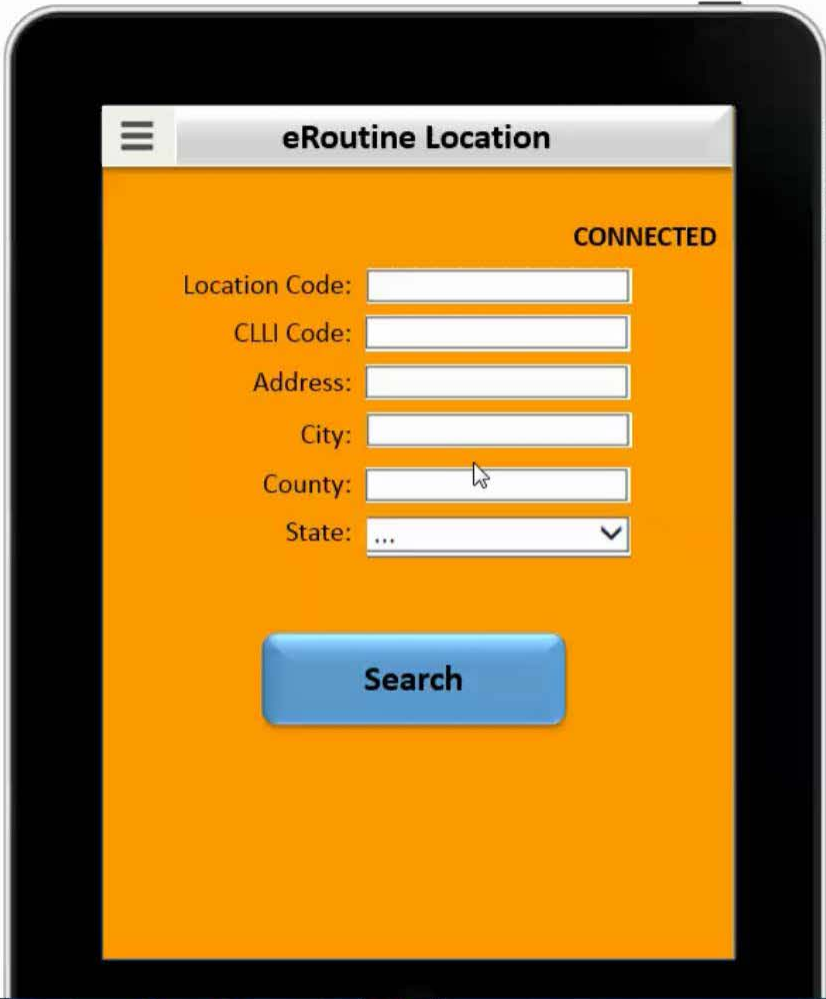
Routine	Section	Default Section	Frequency	States Included
Edit Visual Inspection	Visual Inspection	N	Monthly EOM	FL
Edit Visual Inspection	Fleet Fueling	N	Monthly EOM	FL
Edit Visual Inspection	Visual Inspection	N	Quarterly	TX,AR,OK,LA IA,WY,WA,OR AZ,NV,CO,MS,MI
Edit SPCC Review	SPCC Review Checklist	Y	Annual	All States

Windows Taskbar: 12:47 PM 8/18/2016



Mobile APP

Routine Maintenance Program (Mobile App Demo)



Mobilizing Tank Compliance eRoutine App - Summary

Routine Tank Compliance Activity on a mobile device

- Maintenance checklists and reporting tank issues
- Push data to CDMS for action by EH&S Tank team
- Impacts ~ 16,000 facilities



Agency Tank Compliance Inspections

- On-site inspection preparation reviews
- Real-time data access during regulatory inspections



Benefits

- Monitor BU routine maintenance performance
- Eliminate redundant recordkeeping
- Improve data accuracy
- Reduces visual inspection time
- Centralized location for tank data & documentation
- Estimated annual savings - \$2M



Mobilizing Tank Compliance

