Alabama Department of Environmental Management

ADEM Update

to

MBNEP Government Networks Committee Meeting

March 6, 2015

Alabama Department of Environmental Management

Departmental Profile

Alabama Department of Environmental Management

Departmental Profile

– Created in 1982

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– Successor to 7 agencies & sub-agencies dating back to 1970

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– 5 Divisions; 592 Employees

Alabama Department of Environmental Management

Departmental Profile

- Created in 1982
- Successor to 7 agencies & sub-agencies dating back to 1970
- Designed to be one-stop environmental permitting agency
- 5 Divisions; 592 Employees
- Regulate 25,000 facilities

Alabama Department Of Environmental Management

Mission

Assure for all citizens of the State a safe, healthful and productive environment.

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Low cost provider of high quality service:

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What is the cost of services provided?

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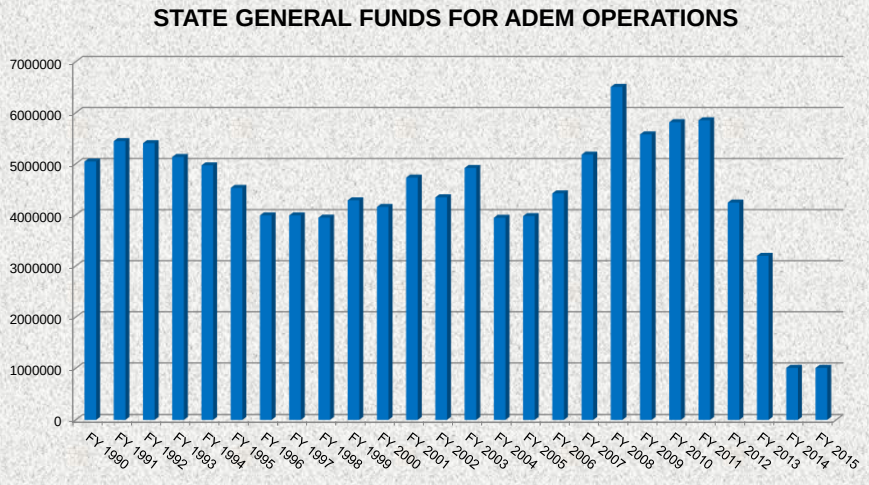

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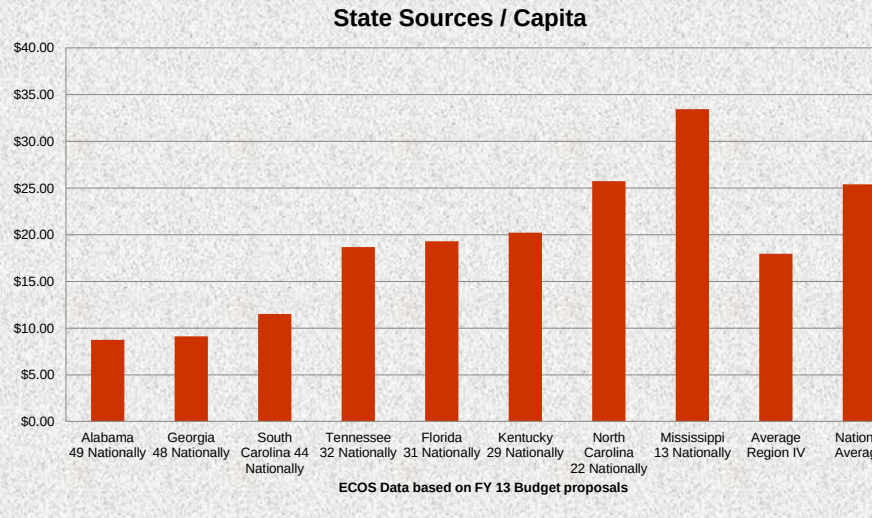

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Low cost provider of high quality service:

1. ADEM is exceptionally low cost provider

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What is the quality of services provided – EPA /OIG?

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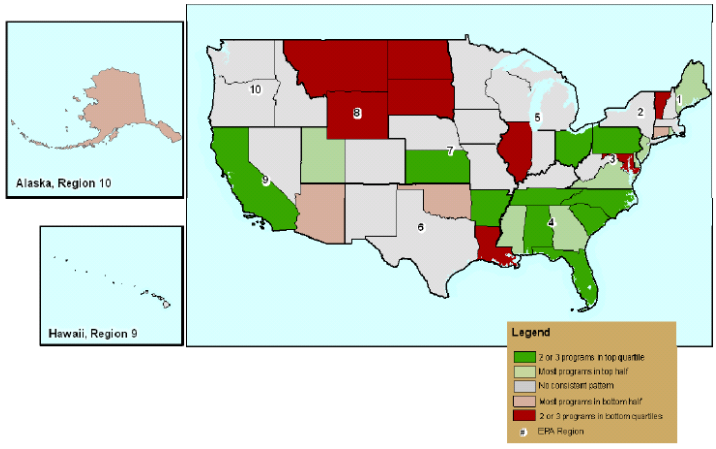
Figure C-4: Majority top-tier and majority bottom-tier states as measured by rates of inspections, penalties assessed, and HPVs



Source: OIG analysis of OECA data.

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Low cost provider of high quality service:

1. ADEM is exceptionally low cost provider
2. Federal environmental regulators rank ADEM top tier

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What is the quality of services provided – Business?

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Area Development Magazine
Site Selection Consultants Survey:

- September 2014
- Alabama ranked 4th most favorable overall for doing business
- Alabama ranked 1st for speed of permitting
- Alabama ranked 4th for most favorable regulatory environment

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Low cost provider of high quality service:

1. ADEM is exceptionally low cost provider
2. Federal environmental regulators rank ADEM top tier
3. Business ranks ADEM as friendly

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EPA / OIG view of ADEM
(high speed using little fuel)

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Regulated Industry view of ADEM
(top of the line)

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Low cost provider of high quality service:

1. ADEM is exceptionally low cost provider
2. Federal environmental regulators rank ADEM top tier
3. Business ranks ADEM as friendly

TRIFECTA

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Importance of Southwest Alabama:

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Importance of Southwest Alabama:

- Environment & Quality of Life Assets

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Importance of Southwest Alabama:

- Environment & Quality of Life Assets
  - Water related – Major estuary

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Importance of Southwest Alabama:

- Environment & Quality of Life Assets
  - Water related – Major estuary
  - Water related – Bay and tributaries

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Importance of Southwest Alabama:

- Environment & Quality of Life Assets
  - Water related – Major estuary
  - Water related – Bay and tributaries
  - Water related – Gulf front

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Importance of Southwest Alabama:

- Environment & Quality of Life Assets
  - Water related – Major estuary
  - Water related – Bay and tributaries
  - Water related – Gulf front
  - Ecological diversity second to none

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Importance of Southwest Alabama:

- Environment & Quality of Life Assets
  - Water related – Major estuary
  - Water related – Bay and tributaries
  - Water related – Gulf front
  - Ecological diversity second to none
  - Quality of Life – Recreation

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Importance of Southwest Alabama:

- Environment & Quality of Life Assets
  - Water related – Major estuary
  - Water related – Bay and tributaries
  - Water related – Gulf front
  - Ecological diversity second to none
  - Quality of Life – Recreation
  - Quality of Life – Scenic

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Importance of Southwest Alabama:

- Economic Assets

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Importance of Southwest Alabama:

- Economic Assets
  - Tourism – Gulf beaches, ecosystems, retail

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Importance of Southwest Alabama:

- Economic Assets
  - Tourism – Gulf beaches, ecosystems, retail
  - Tourism – Historic, nature, scenery, resort

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Importance of Southwest Alabama:

- Economic Assets
  - Tourism – Gulf beaches, ecosystems, retail
  - Tourism – Historic, nature, scenery, resort
  - Industry – Aircraft, chemical, steel

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Importance of Southwest Alabama:

- Economic Assets
  - Tourism – Gulf beaches, ecosystems, retail
  - Tourism – Historic, nature, scenery, resort
  - Industry – Aircraft, chemical, steel
  - Industry – Seafood, shipbuilding, oil & gas

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Importance of Southwest Alabama:

- Economic Assets
  - Tourism – Gulf beaches, ecosystems, retail
  - Tourism – Historic, nature, scenery, resort
  - Industry – Aircraft, chemical, steel
  - Industry – Seafood, shipbuilding, oil & gas
  - Shipping – Inter-coastal, port, Tenn-Tom

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Condition of Water Quality:

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Condition of Water Quality:

- Water quality improvements

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Condition of Water Quality:

- Water quality improvements
  - Less untreated sewage

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Condition of Water Quality:

- Water quality improvements
  - Less untreated sewage
  - Ship discharges controlled

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Condition of Water Quality:

- Water quality improvements
  - Less untreated sewage
  - Ship discharges controlled
  - Wastewater discharges controlled throughout the watershed

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Condition of Water Quality:

- Water quality improvements
  - Less untreated sewage
  - Ship discharges controlled
  - Wastewater discharges controlled throughout the watershed
  - Non-point sources continue to be addressed

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Condition of Water Quality:

- Water quality problems

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Condition of Water Quality:

- Water quality problems
  - Clarity lower than natural

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Condition of Water Quality:

- Water quality problems
  - Clarity lower than natural
  - Siltation D'Olive bay, Fly Creek, etc.

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Condition of Water Quality:

- Water quality problems
  - Clarity lower than natural
  - Siltation D'Olive bay, Fly Creek, etc.
  - Low dissolved oxygen

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Condition of Water Quality:

- Water quality problems
  - Clarity lower than natural
  - Siltation D'Olive bay, Fly Creek, etc.
  - Low dissolved oxygen
  - Litter, litter, litter

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Source of water quality problems:

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Source of water quality problems:

UNCONTROLLED STORMWATER

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Environment and Economy Tied Together

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Environment and Economy Tied Together

- BP showed the link

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Environment and Economy Tied Together

- BP showed the link
- Environmental problems = tourism problems

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Environment and Economy Tied Together

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- Environmental problems = tourism problems
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Environment and Economy Tied Together

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- Environmental problems = tourism problems
- Tourism problems = economic problems
- Environmental problems = quality of life problems

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Environment and Economy Tied Together

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- Environmental problems = tourism problems
- Tourism problems = economic problems
- Environmental problems = quality of life problems
- Quality of life problems = economic problems

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Environment and Economy Tied Together

- BP showed the link
- Environmental problems = tourism problems
- Tourism problems = economic problems
- Environmental problems = quality of life problems
- Quality of life problems = economic problems
- Impaired waters = tighter industry restrictions

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Environment and Economy Tied Together

- BP showed the link
- Environmental problems = tourism problems
- Tourism problems = economic problems
- Environmental problems = quality of life problems
- Quality of life problems = economic problems
- Impaired waters = tighter industry restrictions
- Tighter industry restrictions = competitive disadvantage = economic problems

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Compliments on Cooperation

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Compliments on Cooperation

- MBNEP, ACF, Baykeeper, Nature Conservancy, Weeks Bay Foundation

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Compliments on Cooperation

- MBNEP, ACF, Baykeeper, Nature Conservancy, Weeks Bay Foundation
- DI SeaLab, USA

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Compliments on Cooperation

- MBNEP, ACF, Baykeeper, Nature Conservancy, Weeks Bay Foundation
- DI SeaLab, USA
- PEP, Area water and sewer systems

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Compliments on Cooperation

- NEP, ACF, Baykeeper, Nature Conservancy, Weeks Bay Foundation
- DI SeaLab, USA
- PEP, Area water and sewer systems
- Cities, counties

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Results from Cooperation

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Results from Cooperation

- Litter control

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Results from Cooperation

- Litter control
- County storm water master plans

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Results from Cooperation

- Litter control
- County storm water master plans
- Roadmap to Resilience

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Results from Cooperation

- Litter control
- County storm water master plans
- Roadmap to Resilience
- 100 – 1000 program

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Results from Cooperation

- Litter control
- County storm water master plans
- Roadmap to Resilience
- 100 – 1000 program
- Projects - Joe's Branch, Three Mile Creek

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The Future

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The Future

- Improve environment & promote development

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The Future

- Improve environment & promote development
- Mobile Bay Model

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The Future

- Improve environment & promote development
- Mobile Bay Model
- Implement storm water master plans

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The Future

- Improve environment & promote development
- Mobile Bay Model
- Implement storm water master plans
- Seabees landing

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The Future

- Improve environment & promote development
- Mobile Bay Model
- Implement storm water master plans
- Seabees landing
- RESTORE funding

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The Future

- Improve environment & promote development
- Mobile Bay Model
- Implement storm water master plans
- Seabees landing
- RESTORE funding
- ADEM Mobile field office