

2008 Current Fiscal Year Report: Federal Advisory Committee on Detection and Quantitation Approaches and Uses in Clean Water Act (CWA) Programs

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| | | | |
|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------|
| 1. Department or Agency | | 2. Fiscal Year | |
| Environmental Protection Agency | | 2008 | |
| 3. Committee or Subcommittee | | 3b. GSA Committee No. | |
| Federal Advisory Committee on Detection and Quantitation Approaches and Uses in Clean Water Act (CWA) Programs | | 25105 | |
| 4. Is this New During Fiscal Year? | 5. Current Charter | 6. Expected Renewal Date | 7. Expected Term Date |
| No | 05/30/2007 | | 12/31/2007 |
| 8a. Was Terminated During Fiscal Year? | 8b. Specific Termination Authority | | 8c. Actual Term Date |
| Yes | | | 12/31/2007 |
| 9. Agency Recommendation for Next Fiscal Year | 10a. Legislation Req to Terminate? | | 10b. Legislation Pending? |
| Terminate | No | | |
| 11. Establishment Authority | | Agency Authority | |
| 12. Specific Establishment Authority | 13. Effective Date | 14. Committee Type | 14c. Presidential? |
| Request for Approval | 05/18/2005 | Continuing | No |
| 15. Description of Committee | | Other Committee | |
| 16a. Total Number of Reports 1 | | | |
| 16b. Report Date | Report Title | | |
| 12/27/2007 | Report of the Federal Advisory Committee on Detection and Quantitation Uses and Approaches in Clean Water Act Programs | | |

Number of Committee Reports Listed: 1

17a. **Open** 1 17b. **Closed** 0 17c. **Partially Closed** 0 Other Activities 0 17d. **Total** 1

Meetings and Dates

| Purpose | Start | End |
|------------------------------------------------------------------------------|------------|------------|
| To complete deliberations of the Committee's report to the EPA Administrator | 12/05/2007 | 12/07/2007 |

Number of Committee Meetings Listed: 1

| | Current FY | Next FY |
|-----------------------------------------------------------------------|--------------|---------|
| 18a(1). Personnel Pmts to Non-Federal Members | \$4,502.00 | \$0.00 |
| 18a(2). Personnel Pmts to Federal Members | \$6,998.00 | \$0.00 |
| 18a(3). Personnel Pmts to Federal Staff | \$40,006.00 | \$0.00 |
| 18a(4). Personnel Pmts to Non-Member Consultants | \$0.00 | \$0.00 |
| 18b(1). Travel and Per Diem to Non-Federal Members | \$13,994.00 | \$0.00 |
| 18b(2). Travel and Per Diem to Federal Members | \$0.00 | \$0.00 |
| 18b(3). Travel and Per Diem to Federal Staff | \$1,995.00 | \$0.00 |
| 18b(4). Travel and Per Diem to Non-member Consultants | \$0.00 | \$0.00 |
| 18c. Other(rents,user charges, graphics, printing, mail, etc.) | \$300,005.00 | \$0.00 |
| 18d. Total | \$367,500.00 | \$0.00 |
| 19. Federal Staff Support Years (FTE) | 0.20 | 0.00 |

20a. How does the Committee accomplish its purpose?

In December 2007, the Federal Advisory Committee on Detection and Quantitation Approaches and Uses in Clean Water Act Programs concluded its business, and submitted

their report to the EPA Administrator. This report provides advice and recommendations for the development of an improved procedure for determining detection and quantitation limits, and use of these limits in NPDES permit reporting and compliance determinations. The Committee deliberated for 2 ½ years on challenging policy and technical issues related to detection and quantitation limits, particularly in those situations where Water Quality-Based Effluent Limits are below analytical method detection capabilities. The Committee represented a balanced membership from the environmental community, environmental laboratories, industry, public utilities, and states. The Committee's Report is available at www.epa.gov/waterscience/methods/det.

20b. How does the Committee balance its membership?

There are members from each caucus group, environmentalists, state government, industry, public utilities, and laboratories.

20c. How frequent and relevant are the Committee Meetings?

The FACDQ met one last time in FY 2008 to complete deliberations of its report to the EPA Administrator. During its 2.5 year tenure, the committee met 2-3 times per year. All of these meetings were open to the public. The meetings were to deliberate and recommend detection and quantitation procedures for use in EPA's analytical methods programs for compliance monitoring under 40 CFR part 136.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

EPA hired a third party facilitator to conduct a

situation assessment of stakeholders who have longstanding concerns about the way the agency establishes detection and quantitation limits in Clean Water Act Programs. Stakeholders favored formation of a consultative process to resolve these concerns. The Agency decided a Federal Advisory Committee was best positioned to provide a public forum and balanced group of stakeholders.

20e. Why is it necessary to close and/or partially closed committee meetings?

There were no closed or partially closed meetings.

21. Remarks

The FACDQ terminated December 31, 2007.

Designated Federal Officer

Richard Reding Chief, Engineering and Analytical Support Branch

| Committee Members | Start | End | Occupation | Member Designation |
|--------------------------|--------------|------------|-------------------------------------------------|---------------------------|
| Akers, David | 06/01/2005 | 12/31/2007 | Colorado Dept. of Public Health and Environment | Representative Member |
| Avery, Bob | 06/01/2005 | 12/31/2007 | Michigan Department of Environmental Quality | Representative Member |
| Bonde, Steven | 06/01/2005 | 12/31/2007 | Batelle, North Creek Analytical Labs | Representative Member |
| Burrows, Richard | 06/01/2005 | 12/31/2007 | Severn Trent Laboratories | Representative Member |
| Claff, Roger | 06/01/2005 | 12/31/2007 | American Petroleum Institute | Representative Member |
| English, Zonetta | 06/01/2005 | 12/31/2007 | Louisville and Jefferson Co. MSD | Representative Member |
| Fitzpatrick, Timothy | 06/01/2005 | 12/31/2007 | Florida Department of Environmental Protection | Representative Member |
| Hornback, Christopher | 06/01/2005 | 12/31/2007 | Association of Metropolitan Sewerage Agencies | Representative Member |

| | | | | |
|------------------|------------|------------|-------------------------------------------------------------|------------------------------------------|
| Jackson, Cary | 06/01/2005 | 12/31/2007 | Hach | Representative Member |
| Kimbrough, David | 06/01/2005 | 12/31/2007 | Castaic Lake Water Agency | Representative Member |
| LaFleur, Larry | 06/01/2005 | 12/31/2007 | National Council for Air and Stream Improvement (NCASI) | Representative Member |
| Mugan, Tomas | 06/01/2005 | 12/31/2007 | Wisconsin Department of Natural Resources | Representative Member |
| Murray, Michael | 06/01/2005 | 12/31/2007 | National Wildlife Federation | Representative Member |
| Phillips, John | 06/01/2005 | 12/31/2007 | Ford Motor Company | Representative Member |
| Pillar, David | 06/01/2005 | 12/31/2007 | Excelon Power | Representative Member |
| Pletl, James | 06/01/2005 | 12/31/2007 | Hampton Roads Sanitation District | Representative Member |
| Rediske, Richard | 06/01/2005 | 12/31/2007 | Grand Valley State University | Representative Member |
| Smith, Mary | 06/01/2005 | 12/31/2007 | EPA | Regular Government Employee (RGE) Member |
| Sulkin, Barry | 06/01/2005 | 12/31/2007 | Tennessee Public Employees for Environmental Responsibility | Special Government Employee (SGE) Member |
| Thomey, Nan | 06/01/2005 | 12/31/2007 | Environmental Chemistry, Inc. (ECI) | Representative Member |

Number of Committee Members Listed: 20

Narrative Description

The FACDQ supported the Agency's mission and its strategic plan by protecting and improving water quality on a watershed basis (Goal 2 - Clean and Safe Water). Specifically this committee is charged to provide recommendations to the administer of EPA to improve measurements of pollutants in Clean Water Act programs. Clean Water Act programs safeguard water quality by establishing water quality criteria for waterbodies, and limits on pollutant discharges to these bodies. The FACDQ evaluated and recommended detection and quantitation procedures for use in EPA's analytical methods programs for compliance monitoring. The FACDQ reviewed the results from the pilot study and recommended procedure(s) for detection and quantitation. The end

product of the FACDQ was the development of consensus recommendations on approaches for the development of detection and quantitation procedures and the uses of these procedures in Clean Water Act Programs.

What are the most significant program outcomes associated with this committee?

Checked if
Applies

| | |
|---------------------------------------------------|-------------------------------------|
| Improvements to health or safety | <input checked="" type="checkbox"/> |
| Trust in government | <input checked="" type="checkbox"/> |
| Major policy changes | <input checked="" type="checkbox"/> |
| Advance in scientific research | <input checked="" type="checkbox"/> |
| Effective grant making | <input type="checkbox"/> |
| Improved service delivery | <input checked="" type="checkbox"/> |
| Increased customer satisfaction | <input checked="" type="checkbox"/> |
| Implementation of laws or regulatory requirements | <input checked="" type="checkbox"/> |
| Other | <input checked="" type="checkbox"/> |

Outcome Comments

The Clean Water Act Program will have significant improvements to detection and quantitation approaches.

What are the cost savings associated with this committee?

Checked if Applies

| | |
|----------------------------|-------------------------------------|
| None | <input type="checkbox"/> |
| Unable to Determine | <input checked="" type="checkbox"/> |
| Under \$100,000 | <input type="checkbox"/> |
| \$100,000 - \$500,000 | <input type="checkbox"/> |
| \$500,001 - \$1,000,000 | <input type="checkbox"/> |
| \$1,000,001 - \$5,000,000 | <input type="checkbox"/> |
| \$5,000,001 - \$10,000,000 | <input type="checkbox"/> |
| Over \$10,000,000 | <input type="checkbox"/> |
| Cost Savings Other | <input type="checkbox"/> |

Cost Savings Comments

We are unable to determine at this time cost savings that may be achieved. The goal of

the FACDQ is to improve the quality of water monitoring results which may or may not lead to measureable cost savings.

What is the approximate Number of recommendations produced by this committee for the life of the committee?

12

Number of Recommendations Comments

The FACDQ described 12 consensus recommendations on pages iii - v of the executive summary of the Committee's December 2007 report to the Administrator.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

0%

% of Recommendations Fully Implemented Comments

Many of these recommendations require rulemaking in accordance with the Administrative Procedures Act.

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

0%

% of Recommendations Partially Implemented Comments

Many of these recommendations require rulemaking in accordance with the Administrative Procedures Act.

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

The Agency replied to the recommendations in the Committee's final report.

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

Reorganized Priorities ☐

Reallocated resources ☐

- | | |
|-----------------------------------|--------------------------|
| Issued new regulation | <input type="checkbox"/> |
| Proposed legislation | <input type="checkbox"/> |
| Approved grants or other payments | <input type="checkbox"/> |
| Other | <input type="checkbox"/> |

Action Comments

The Agency replied to the recommendations in the FACDQ's final report. Many of these recommendations require rulemaking in accordance with the Administrative Procedures Act.

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

How is access provided to the information for the Committee's documentation?

Checked if Applies

- | | |
|---------------------------|-------------------------------------|
| Contact DFO | <input checked="" type="checkbox"/> |
| Online Agency Web Site | <input checked="" type="checkbox"/> |
| Online Committee Web Site | <input checked="" type="checkbox"/> |
| Online GSA FACA Web Site | <input checked="" type="checkbox"/> |
| Publications | <input type="checkbox"/> |
| Other | <input type="checkbox"/> |

Access Comments

Information is provided to the Committee via email, website, telephone conferences, and face to face meetings.