

## EPA Grant Update

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EPA Region 1

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## Overview

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- Grant Status
  - Pollution Prevention Grant Program
  - Source Reduction Grant Program
  - Healthy Communities Grant Program
  - CARE Grant Program
- Los Vegas Finance Center
- QAPP LITE

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## P2 State Grant Program

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- National Solicitation run by EPA HQ
- Announcement expected in early February
- Regional Funding Amount
  - EPA is currently funded on a continuing resolution that may trigger last year's regional funding amount of \$394,100.
- Application process includes a 9-page proposal followed by a full application.
- Measurement Requirements
  - More forceful language

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## P2 Measurement Requirement

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### National Requirements

**Demonstrate Measurable Environmental Results.** As authorized under the Pollution Prevention Act of 1990, (section 6605 of the Pollution Prevention Act, Pub. L. 101 508, 42 U.S.C. 13104) the Agency "shall establish appropriate means for measuring the effectiveness of the P2 Grants Program by promoting the use of source reduction techniques by businesses." **In order to fully implement this section of the Act, and to comply with EPA Policy Order No. 5700.7, applicants will be required to provide qualitative and quantitative estimates of expected outcomes and outputs of project activities.**

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## EPA Region I Priorities

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- Activities that integrate pollution prevention and compliance objectives;
- Energy conservation and renewable energy;
- Greening of government agencies (energy efficiency, environmentally preferable purchasing, etc);
- Greening the supply chain (manufacturers leveraging pollution prevention/performance among their suppliers);
- Priority and emerging chemicals identified by the Agency, including persistent, bioaccumulative and toxic chemicals;
- Urban environments and environmental justice efforts; and/or
- Development of sustainable business practices

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## Detailed Budget

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In order to be considered for partial funding, proposals must have clearly delineated activities or phases with separate budget estimates for each activity/phase of the project.

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## Application Submission

Proposals must be sent to EPA in one of two ways – either in hard copy format or electronically through Grants.gov at <http://www.grants.gov/>. Proposals must be postmarked by the deadline provided in Section IV, Part G. Proposals received after the deadline will be discarded or returned to the sender without further consideration.

....EPA will no longer consider proposals sent by e-mail.

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## P2Rx

**Before Writing the Proposal.** Applicants are strongly encouraged, but not required, to contact their regional P2Rx center (there are eight centers in total) to ascertain the type of P2 work that has already been accomplished within their field of interest. For more information on the eight P2Rx centers, please visit <http://www.p2rx.org>.

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## Evaluation Criteria

1. Organizational Experience (10 points)
2. Past Performance (10 points)
3. Project Strategy (40)
4. Environ. Measurement (20 points)
5. Budget (10 points)
6. Partnerships (10 points)

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## Quality Assurance and Quality Control (QA/QC)

Certain quality assurance and/or quality control (QA/QC) and peer review requirements are applicable to the collection of environmental data. **Environmental data are any measurements or information that describe environmental processes, location, or condition; ecological or health effects and consequences; or the performance of environmental technology.** Environmental data also include information collected directly from measurements, produced from models, and obtained from other sources such as data bases or published literature. Regulations pertaining to QA/QC requirements can be found in 40 CFR Parts 30.54 and 31.45. Additional guidance can be found at [http://www.epa.gov/quality/qa\\_docs.html#noeparqt](http://www.epa.gov/quality/qa_docs.html#noeparqt).

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## Quality Assurance Project Plan (QAPP)

A project-specific Quality Assurance Project Plan (QAPP) must be submitted and approved by EPA. All projects will require a QAPP.

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## Source Reduction Assistance Grant Program

- National Solicitation run by EPA HQ
- Announcement expected in late February
- Open to States and Nonprofits
- Regional Funding Amount
  - Approximately \$100,000
- Same reporting and regional priorities as the P2 Grant

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### Healthy Communities Grant Program

- Regional Solicitation
- Open to States and Nonprofits
- February Announcement
- Regional Funding Amount
  - Approximately \$15,000 of Source Reduction funds
  - \$12,000 of solid waste management funds
  - Plus funding from other EPA programs
- Approximately 20 awards from \$5,000 to \$35,000
- One page pre-proposal

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### CARE Grant Program

- Community Action for Renewed Environment (CARE)
- National solicitation held by EPA HQ
- Local funding for up to \$100,000 to study and design solutions to community level environmental problems.

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### How Tall is Mount Everest?



- a) 32,018 feet
- b) 29,028 feet
- c) 27,268 feet
- d) Too high for me to climb

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### QAPP LITE Introduction

- QAPP LITE is supplement to a grant work plan that helps complete the requirements of a full-fledged Quality Assurance Project Plan (QAPP).
- It's short and much of the text is near-boilerplate.
- It requires new/more information about the methods and calculations used to create outcome measures.

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### QAPP LITE Introduction (cont.)

- Like all QAPPs, the purpose of QAPP LITE is to increase the consistency and transparency of environmental data.
- The QAPP makes sure that data quality procedures and methods are in place and understandable.
- The QAPP **does not** scrutinize the validity of measurement methods and techniques.

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### QAPP LITE Text: Purpose

The purpose of this QAPP LITE document for the New Zealand Department of Environmental Prettiness' (NZ DEP) Pollution Prevention Program is to ensure that measurements of pollution prevention activities and outcomes be conducted in a clear and consistent manner.

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**QAPP LITE Text:  
Organizational Objective**

The objective of the NZ DEP Pollution Prevention Program is to promote multi-media pollution prevention to businesses in an effort to reduce pollution, conserve water and energy, and save money.

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**QAPP LITE Text:  
Project Description**

The NZ DEP Pollution Prevention grant supports two projects.

**Motor Vehicle Salvage Facilities:** NZ DEP will offer a workshop, on-site visits and a multi-media checklist to municipal programs that license motor vehicle salvage facilities.

**Marinas:** NZ DEP will provide the New Zealand marinas with assistance on water conservation through outreach materials, site visits, and a best management practices workshop.

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**QAPP LITE Text:  
Data Collection**

To collect P2 data for the vehicle salvage yard and marina sectors, NZ DEP will use checklists for on-site visits at facilities and pre-post tests for workshop attendees. In addition, follow-up phone interviews will be made to identify P2 results.

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**QAPP LITE Text:  
Estimated Activity/Outcome Measures**

**Project Name: Motor Vehicle Salvage Facilities**

Measures/Results for 2007	Results
<b>Activity Measures:</b>	
Number of conferences/workshops/training sessions held	Projected
1. Green Yard Workshop for Municipalities (attendees)	1
— Number of attendees (total for all conferences/workshops/training)	100
Number of clients/facilities that received onsite visits/assistance	15
<b>Outcome Measures:</b>	
Pounds of mercury reduced by non-H2E participants	Projected
	3.3

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**QAPP LITE Text:  
Assumptions and Calculations for Outcome Measures**

**Motor Vehicle Salvage Facilities**

Estimated pounds of mercury reduced by non-H2E participants	3.3
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Mercury vehicle switches weight approximately 3.0 grams and contain approximately 1.0 gram of mercury (453 grams equal 1 pound). It is estimated that, on average, the 15 participating salvage facilities will yield 100 switches per year for an expected total of 1,500 switches and 3.3 pounds of mercury collection.

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**QAPP LITE Text:  
Estimated Activity/Outcome Measures**

**Project Name: Marinas**

Activity Measures:	Projected
Number of conferences/workshops/training sessions held	3
— Number of attendees (total for all conferences/workshops/training)	70
Number of clients/facilities that received onsite visits/assistance	20
Number of unique documents developed	2
<b>Outcome Measures:</b>	
Pounds or gallons of water use conserved [gallons]	Projected
	37,500

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**QAPP LITE Text:**  
**Assumptions and Calculations for Outcome Measures**

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**Marinas**

Estimated pounds or gallons of water use conserved [gallons]	37,500
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Traditional hand washing of recreational boats generates .625 gallons of wastewater per foot. Alternative washing techniques reduce wastewater by approximately 50%. If each of the participating marinas washes an average of 10,000 feet of boats per year (creating 6,250 gallons of wastewater per marina), the adoption of alternative washing techniques by 12 marinas will result in wastewater reductions of approximately 37,500 gallons.

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**QAPP LITE Text:**  
**Data Storage and Reporting**

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NZ DEP uses a Pollution Prevention and Compliance Assistance Metrics Database Tool to assemble and report on project activities and results (<http://www.newmoa.org/prevention/metrics/>). The Metrics Database Tool is used by other regional grantees and has been developed to correspond with EPA's GranTrak grant database for pollution prevention grants (<http://db2.erg.com/p2grnt/login.asp>). Because these systems use virtually the same data categories and data definitions, they support the quality and integrity of data flow from grantee to EPA's national GranTrack reporting system.

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**QAPP LITE Text:**  
**Data Use**

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The P2 Metrics Database Tool will be used by NZ DEP to update existing information and/or enter new information on P2 projects administered by the New Zealand P2 Program. Data will also be used to effectively communicate the activities and accomplishments of the state and local agencies to policy makers, improve program management, measure progress toward goals, and provide program funders with relevant activity and outcome information.

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**QAPP LITE Text:**  
**Data Evaluation**

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NZ DEP P2 Program managers will review pollution prevention activity and outcome data to ensure for data integrity and consistency.

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**END**

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