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Supplemental Material

Evaluation and Management Strategies for Per- and Polyfluoroalkyl Substances (PFASs) in Drinking Water Aquifers: Perspectives from Impacted U.S. Northeast Communities

Jennifer L. Guelfo, Thomas Marlow, David M. Klein, David A. Savitz, Scott Frickel, Michelle Crimi, and Eric M. Suuberg

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Table S1. Research translation approach with Northeast US PFAS stakeholders

Event (Date)	Stakeholder participants (State)	Format ^a	Topics addressed ^b	No. attendees
4/2016-present	State analytical laboratory	1 to 1 guidance	1	3
4/2016-present	Federal research laboratory	1 to 1 guidance	1	2
5/23/2016	Federal and State regulators	Workshop	2-7	130
8/3/2016	Federal and state regulators, consultants, academics, industry	Webinar	1	237
9/21/2016	Federal and state regulators, consultants, academics, industry	Webinar	2-4	204
10/2016-present	State drinking water authority	1 to 1 guidance	1,3	10
10/3/2016	Federal and state regulators, consultants, academics, industry	Webinar	4,6	141
11/30/2016	Federal and state regulators, consultants, academics, industry	Webinar	3	235
12/14/2016	Federal and state regulators, consultants, academics, industry	Webinar	5	194
May 8-10, 2017	Federal and state regulators, consultants, academics, industry	Workshop (3 events)	2-7	331

^a Workshops and webinars were coordinated in partnership with the Northeast Waste Management Officials' Association (NEWMOA); detailed agendas and presentations for these events can be found at <http://www.newmoa.org>.

^b Topics: 1) Sampling and analysis; 2) Uses, chemistry, terminology; 3) Fate and transport; 4) Toxicology; 5) Treatment and remediation; 6) Regulatory limits; 7) Regulator case studies from impacted communities.

Table S2 Information resources for potential PFAS sources in Rhode Island

PFAS Source Category ^a	Resource ^b
Airports	RIGIS (Rhode Island Department of Transportation 2013)
Fire stations	RIGIS (URI Environmental Data Center 2017)
DoD AFFF areas	(Department of Defense 2015)
Public/municipal FTAs	Web search, personal communications with regulators
Solid waste facilities	RIGIS (RI Statewide Planning, Department of Administration 2015)
Industrial/manufacturing	Rhode Island Directory of Manufacturers, various dates (1953-2015) ^c
Textiles	SIC 22-23, Directory of Manufacturers
Furniture	SIC 25, Directory of Manufacturers
Paper	SIC 26, Directory of Manufacturers
Chemicals	SIC 28, Directory of Manufacturers
Petroleum refining	SIC 29, Directory of Manufacturers
Rubber/plastics	SIC 30, Directory of Manufacturers
Fabricated metal	SIC 34, Directory of Manufacturers
Electronics	SIC 36, Directory of Manufacturers

Rhode Island Geographic Information Systems (RIGIS, <http://www.rigis.org>); University of Rhode Island (URI); Department of Defense (DoD); fire training area (FTA); Rhode Island (RI); standard industrial classification (SIC)

^a Represents PFAS source data publicly available in the state of Rhode Island. Additional source types such as biosolids applications sites may be available in other regions.

^b The compilation of a database of current and former manufacturing/industrial sites is described in the Methods and Approach.

^c Manufacturing directory citations: (Harris Infosource 2002; Harris Publishing Co. 1998; MNI 2012; RIEDC 1953)

References

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