



**Wisconsin Department of
Natural Resources
Remediation and Redevelopment
Program**



**Section 128(a) Grant
Final Report**

For the reporting period:
September 1, 2017 - August 31, 2018

EPA Section 128(a) Grant Cooperative Agreement: RP-96520012



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Introduction

This report summarizes the use of CERCLA Section 128(a) grant funds by the Wisconsin Department of Natural Resources (Wisconsin DNR) for its state response program and public record requirements. This is the final report and covers activities during September 1, 2017 to August 31, 2018. The activities in this report are those identified in the approved cooperative agreement work plan.

This federal grant is used to support federal and state programs under the jurisdiction of the Wisconsin DNR's Remediation and Redevelopment (RR) Program, including:

- High-priority leaking underground storage tanks (LUST);
- RCRA hazardous waste closures and corrective actions;
- State-required cleanups; and
- Voluntary party remediation actions.

Brownfields tools developed and administered through 128(a) grant funding are packaged with assessment contractor services and cleanup funding for greatest leverage.

The EPA 128(a) grant funds support outreach, site discovery, and redevelopment tools:

- Hands-on assistance which empowers local governments;
- Voluntary Party Liability Exemption;
- General liability assistance;
- Conferences and training;
- Policy development to address emerging issues;
- Institutional control audits;
- Online site information - public database and interactive maps;
- Public/private partnerships for continuous program improvement; and
- Green Team Meetings - where tools are packaged and strategies are formed.

Financial Status

On May 30, 2017, the EPA awarded the Wisconsin DNR \$574,446 and on September 14, 2017, the EPA awarded an additional \$370,097 for a total of \$944,543 in s. 128(a) funding for the September 1, 2017 to August 31, 2018 grant period. In accordance with available grant accounting information, the Wisconsin DNR fully expended all grant funding by the end of the grant period. There are no slippages, work plan problems, cost overruns or adverse conditions to report, per 40 CFR Part 31.40.

Report Period Highlights

The RR program is proud to report that we continue to successfully meet the requirements to earn our federal funding, as specified in our cooperative agreement with the EPA.

We strive daily to keep our position as a national leader in brownfields policy, innovation, and cleanup. The Wisconsin DNR uses 128(a) funds to:

- Maintain high-quality, online tools for customers – such as our contaminated property database and web pages;
- Provide resources and assistance on

contamination, assesment and cleanup to empower communities in every corner of Wisconsin; and

- Offer grant and loan programs with valuable resources.

This report demonstrates that the Wisconsin DNR’s RR program continues to deliver quality services that address the environmental and economic challenges of contaminated sites to improve Wisconsin communities by returning properties to productive use.

Table 1 - Workplan Accomplishments by the Numbers

	Mid-Year Numbers	End of Year Totals	Annual Target
Task 1: Timely Survey and Inventory			
Interagency Meetings on Joint Efforts	8	12	2
Outreach Efforts to Promote Site Discovery	5	8	2
Task 2: Oversight and Enforcement			
RP Letters Issued	136	247	---
WPRI Letters Sent	8	14	---
Proofs of Claim Filed	0	0	---
Redevelopment Assistance Actions	69	136	---
Task 3: Mechanisms and Resources for Public Participation			
News Releases/Media Events/Articles	10	19	3
RR Report Newsfeed Email Summaries	6	19	12
New and Updated Publications	37	91	10
New and Updated Web Pages	106	200	20
Green Team Meetings	28	61	30
Public Speaking Events	24	35	10
Workshops/Training Meetings Held	5	15	3
Task 4: Mechanisms for Approval of Cleanup Plans, Verification and Certification			
Audits of Institutional Controls	---	63	35
Vapor Mitigation System IC Audits	---	16	10
Acres Ready for Reuse	645.70	1,377.70	---
New VPLE Program Applications	3	5	5
New VPLE COCs	3	16	---
Cumulative VPLE COCs	174	187	----
Non VPLE Site Closures/Approved Cleanups	196	373	300
Task 5: Establish and Maintain the Public Record (see pg. 20 - 21 for narrative of updates)			
Task 6: Enhance the Response Program or Cleanup Capacity (see pgs. 22 - 24 for narrative of updates)			

2018 Brownfields Conference for Local Governments a Success

The one-day conference spanned a host of land recycling issues, but did not include the technical topics often reserved for other events. Throughout the day, participants heard from developers, local government colleagues, and others about the tools and strategies to capitalize on underused, or even abandoned, properties.

The day began with an overview of the Wisconsin DNR's brownfields program, including explanations of the financial aid and technical assistance that staff can provide. Other sessions included panel discussions with program staff (formerly private sector consultants) and with experienced developers familiar with the unique requirements of brownfields redevelopment.

Attendees also heard from local government leaders about devising county-wide redevelopment plans, state-assisted cost recovery mechanisms, and both state and federal brownfields assistance programs, including the Technical Assistance for Brownfields (TAB) program, a joint effort through the EPA and Kansas State University.

Conference presentations can be found in the RR Program's Training Library on the Wisconsin DNR website, dnr.wi.gov and search "Brownfields trainings."

A similar conference will be held again in 2020.



WI and MN Team Up with TAB to Host Grant Writing Workshop

Forty-plus potential grant writers representing local governments and non-profit organizations from Wisconsin and Minnesota gathered in La Crosse, Wisconsin, on August 1, 2018, for a workshop on EPA brownfield grant proposals. The EPA-funded Technical Assistance for Brownfields (TAB) program coordinated with Minnesota Brownfields and the Wisconsin Department of Natural Resources to organize and conduct this successful bistate outreach event.

The workshop covered all aspects of the EPA's brownfield ARC grants, with in-depth discussions and hands-on activities related to the preparation of high-quality applications. Presenters shared grant writing strategies and tips. A small-group exercise illustrated how the EPA reviews and ranks grant proposals. TAB representatives outlined the services they offer, and a member of Minnesota's State Demographer Office dug into data gathering options for grant applicants.



The Minnesota Pollution Control Agency, the Minnesota Dept. of Economic Development, and Kansas State University also helped plan for and present at the workshop. Feedback from participants was positive.

Brownfields Study Group Celebrates 20 Years

Twenty years ago, the Brownfields Study Group (BSG) was created at the direction of Gov. Tommy Thompson and the State Legislature to examine Wisconsin's ongoing brownfields efforts and make recommendations. Thirty of the group's initial proposals were adopted and that success prompted a continuation of the volunteer group of professionals, which now meets three to four times each year.

Over the past two decades, this independent advisory group has driven important changes in brownfields work, particularly when it comes to incorporating incentives for cleanup and reuse of properties statewide.

A variety of initiatives count among the successes of the BSG including:

- The Voluntary Party Liability Exemption program, allowing those involved in property cleanup to obtain assurance against future liability for past contamination. By addressing risk management, it can help spur private developers to take on problem sites.
- Wisconsin Plant Recovery Initiative, helping communities and businesses to turn around closed or closing manufacturing facilities.
- Brownfields Site Assessment Grant program and Brownfields Green Space and Public Facilities Grant program, two state programs that over the years have awarded millions of dollars in community grants for cleanup efforts.
- Ready for Reuse grants and loans, one of the programs accounting for more than \$18 million in federal dollars the study group has helped secure for Wisconsin cleanups.
- One Cleanup Program Agreement, a comprehensive agreement between the Wisconsin DNR and EPA Region 5 to help expedite cleanups of contaminated properties in the state.

The BSG also commissioned the 2015 study by the UW-Whitewater Fiscal and Economic Research Center, which demonstrates the positive economic impact of brownfields investments in Wisconsin. The Wisconsin DNR continues to work in partnership with the BSG to advance remediation and redevelopment efforts in the state.

"We appreciate the extraordinary effort this group has made to ensure Wisconsin's brownfields program is effective," said Christine Haag, Wisconsin DNR's brownfields section chief. "If you've seen an old, abandoned industrial property in your community find new life as a park, coffee shop, brewery or housing development, chances are this group had something to do with creating the mechanisms that helped make that happen."



BSG members recently celebrated the group's 20th Anniversary during a meeting in Milwaukee. Pictured clockwise from front left are: Dave Misky, Karen Dettmer, Bruce Keyes, John Stibal, Nancy Frank, Scott Wilson, Geoff Siemering, Art Harrington, Sam Tobias, John Antaramian, Lynn Morgan and Mark Thimke.

Racine Receives Wisconsin DNR Brownfield Assessment Funds to Aid Uptown Redevelopment

Efforts to assess possible contamination at a decades-old industrial site in Racine's uptown area will get a boost with a recently issued brownfields grant from the Wisconsin Department of Natural Resources.

The award comes from the Wisconsin Assessment Monies (WAM) program and will provide for contractor services worth approximately \$20,000. The work will help the Redevelopment Authority of the City of Racine (RDA) assess possible contamination, leading to a potential cleanup and eventual reuse of the site.

The nearly one-acre site on 13th Street has a long history of various industrial uses. Most recently, it was the site of a laundry service for the health care and hospitality industries. Historic records from the Racine Fire Department indicate that a 500-gallon underground fuel oil tank was located on or near the property.

With the RDA ready to promote the property, an investigation of the environmental conditions on the site will help put the group in a better position of securing a buyer and returning the site to productive economic status.

"As Racine continues to redevelop former industrial sites, the Wisconsin DNR is proud to be part of the city's future," said Christine Haag, chief of the DNR brownfields section. "This WAM grant could be just the leverage that the RDA needs to help turn this property around and get it on track for the next generation of use."

Administered by the Remediation and Redevelopment program, WAM awards provide communities with professional environmental site assessments of properties with known or perceived contamination. The program is funded through an EPA brownfields assessment grant to the Wisconsin Brownfields Coalition.

Participation in the WAM program requires minimal effort by local governments. Because there is no financial match or project administration involved, the program is an attractive opportunity for communities. In many instances, WAM awards are leveraged with other sources of funding to kick-start repurposing efforts on properties that may have been underutilized for many years.

Applications can be submitted for WAM awards at any time. Properties eligible for funding include closed or closing manufacturing plants, or vacant land with a history of manufacturing.



Task 1: Timely Survey and Inventory

Inter-bureau Coordination

Waste and Materials Management and Remediation and Redevelopment Integrated Team

The Wisconsin DNR continued efforts to increase integration between the Waste and Materials Management program and the Remediation and Redevelopment program through this internally staffed, cross-program team.

During this reporting period, the team continued working on coordination of landfill responsibility between the waste and remediation programs, developing a comprehensive list of landfills and updating guidance for transferring landfills between programs. The group is developing a fact sheet and “frequently asked questions” section to provide information on potential liability for closed landfill and prospective closed landfill property owners. Members of the team conducted several training events for both Wisconsin DNR staff as well as for consultants and responsible parties on the soil management guidance document and the contaminated soil tracking process. Joint training sessions were held in several regions of the state to facilitate increased communication and consistent implementation of soil management regulation carried out by both programs.

The Integration Team works to ensure consistent implementation of issues that are routinely regulated by staff working with waste and materials management, and remediation and redevelopment administrative codes.

Integrated Sediments Team

The Wisconsin DNR’s Integrated Sediments Team is comprised of members from the Remediation and Redevelopment, Office of Great Waters, Waste and Materials Management and Watershed Management and Wetland programs. The Integrated Sediments Team is tasked with addressing issues associated with the discovery, investigation, remediation and management of contaminated sediments. During this reporting period, the Integrated Sediments Team continued its efforts to identify, develop, and/or modify policy issues, administrative rules, manual codes, guidance documents and fact sheets to improve processes associated with the discovery, investigation, remediation and management of contaminated sediments.

A subgroup of the Integrated Sediments Team held special cross program meetings in December 2017 and January 2018 to develop a matrix summarizing regulatory authority for contaminated sediment projects, as well as programmatic and processes for coordination between all Wisconsin DNR programs involved in permitting, approval, oversight and coordination rules. Further guidance development will occur during the next reporting period.

The team has had significant turnover in staff, with the retirement of the team sponsor, new assignments to other programs within the department for both team co-leaders and the wetland program representative. A new sponsor and wetland program representative have been identified and a Sediment Team Leader will be hired in late September.

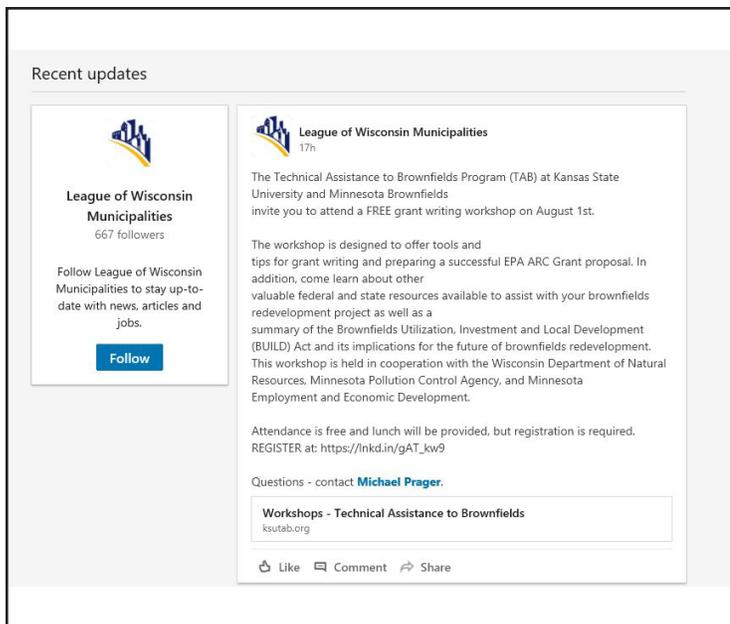
Education to Promote Site Discovery

Helping local government officials understand the brownfield revitalization process is a top priority of the Wisconsin DNR’s Remediation and Redevelopment (RR) program. RR program staff work with local officials on a daily basis, and site discovery is a common topic of discussion. Periodic conferences, workshops, and other outreach efforts also stress the benefits of site surveys and inventories and outline the basic steps toward renewal.

During this reporting period, examples of these efforts included:

- A full-day statewide conference in May for local government officials and contractors, titled “Getting to Groundbreaking,” that attracted over 100 people.

- Brownfields Basics presentations in October 2017 at the Wisconsin Register of Deeds annual meeting and at the Wisconsin County Treasurers Association annual meeting.
- Ongoing collaboration with the RR program and the League of Wisconsin Municipalities on outreach to local officials.
- Wisconsin DNR Facebook and Twitter posts regarding a ribbon-cutting on a former brownfield held in Appleton in October; highlighting the redevelopment of Janesville’s downtown with the removal of a former parking structure that spanned the Rock River in November. The parking structure was replaced with a park, riverside seating, and a canoe dock.
- Wisconsin DNR Facebook and Twitter posts post regarding Wisconsin Brownfields Coalition receiving the EPA assessment grant award and highlighting the Wisconsin DNR’s WAM program.
- Wisconsin DNR Facebook and Twitter posts post announcing the city of Racine receiving Wisconsin DNR brownfield assessment funds to aid uptown redevelopment.
- TAB, MN and Wisconsin DNR collaboration to host an EPA Brownfields Grant 5 Proposal Writing Strategies workshop in LaCrosse.



Social media posts from the League of Wisconsin Municipalities and the Wisconsin Department of Natural Resources promote Wisconsin’s brownfields program and subsequent impacts.

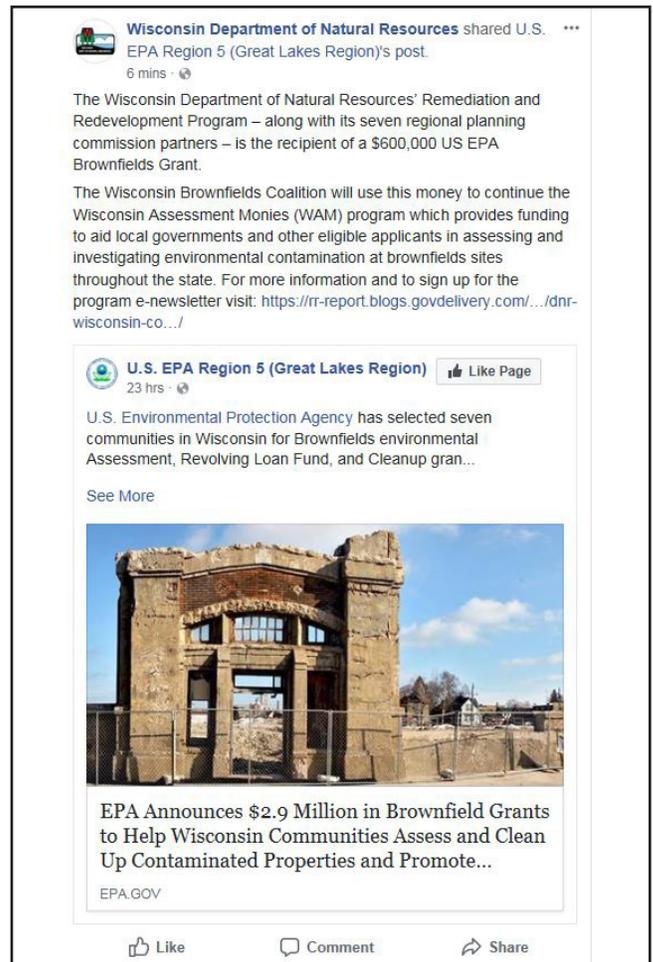


Table 2 - Summary of Timely Survey and Inventory Activities

	Mid-Year Numbers	End of Year Totals	Annual Targets
Interbureau Coordination Meetings	8	12	2
Outreach Efforts to Promote Site Discovery	5	8	4

Two Dane County Redevelopments Hold Spring Groundbreakings

Groundbreaking ceremonies in the spring of 2018 marked the beginning of two high-profile redevelopments in the neighboring cities of Monona and Madison.

In early April, developers and community leaders celebrated the start of the second phase in the redevelopment efforts of the former Royster-Clark agrichemical site, now referred to as Royster Corners.

Dozens braved the chilly spring morning to mark the start of the construction of the new Pinney Library, located on an arterial road on Madison’s east side. The library is part of a mixed-use development that already consists of an apartment building, and in the future will also include some commercial and single- and multi-family residential properties.

The new \$10.2 million library is just four blocks east of the current Pinney Library, the third busiest in the Madison Public Library system. The new modern, open library will target LEED Gold certification. The 20,500 square-foot space will include a patio, study rooms, a creator space, and expanded adult, young adult and children’s collections. Plans also include a PlayLab, where children can create their own story and environment.

In landlocked Monona, the only development is redevelopment. Such was the case when city officials announced a groundbreaking on May Day to mark the kick-off for the Monona Riverfront redevelopment project. The \$40 million phased redevelopment project encompasses about six acres.

Bordered by two streets and the Yahara River, the site is expected to be a focal point of the city’s commercial district offerings and provide a new waterfront park for its current residents while attracting new residents, customers and recreational enthusiasts from across the region.

Construction of the first phase of the development – about \$14 million – is now underway. It’s called “The Current” and is expected to open in summer 2019. It will bring 96 units of rental apartments and 30,000 square feet of retail and restaurant tenants on the first floor.

Anchor tenants will include a Madison-based upscale-casual restaurant and a coffee shop as well as smaller, local retailers.

At the same time, a multi-national hotel group is looking to develop a 92-room space on five floors in the same general area. The Avid will feature modern rooms and social connectivity fostered by an open, large lobby and common spaces. This \$9 million development also expects to open its doors in summer 2019.

A second residential development is also planned to open the end of 2022, which will complete the three-phased project.

Both projects benefited from Wisconsin Assessment Monies (WAM) awards, promoted and partially administered through the Remediation and Redevelopment Program’s 128(a) grant.



Above: Monona Riverfront Groundbreaking
Right: Royster Corners Phase II Pinney Library groundbreaking



Task 2: Oversight and Enforcement

Enforce Responsibility and Due Diligence through Issuance of RP Letters

The Wisconsin DNR uses 128(a) grant funding to support efforts to identify and track brownfield sites by issuing letters to the parties responsible (RP letters) under Wisconsin law for the investigation and cleanup of contaminated properties.

Wisconsin law requires that any hazardous substance discharges be reported to the state. Often when someone is doing due diligence and performs a Phase II assessment, they learn that hazardous substances were discharged on the property in the past. Sending a RP letter starts the process to investigate the contamination and determine the best way for the site to be remediated appropriately.

The Wisconsin DNR has undertaken outreach efforts to remind lenders, businesses, consultants and others about these notification requirements. During this grant period, the Wisconsin DNR sent out a total of 247 RP letters.

Redevelopment Assistance Tools

During this grant period, the Wisconsin DNR's Remediation and Redevelopment (RR) program provided written redevelopment assistance 136 times. The template documents for the redevelopment assistance tools listed below are developed, maintained and updated with 128(a) funding.

- General liability clarification letters;
- Liability clarification letters for local governments;
- Liability clarification letters for lessees;
- Liability exemption letters for contamination originated on another property;
- Lender liability exemption letters;
- Approval letters to build on abandoned landfills;
- Cleanup agreements to allow cancellation of delinquent property taxes;
- Cleanup agreements to allow direct assignment of title to third parties during tax foreclosure proceedings; and
- Negotiated cleanup agreements with local governments.

Responding to Bankruptcies

The Wisconsin DNR receives notice of pending bankruptcy filings from the state Department of Justice. Program staff compare filing information to the Bureau for Remediation and Redevelopment Tracking System to see if contamination issues exist at open remediation projects or at closed sites with continuing obligations.

When additional case investigation needs arise, the RR program bankruptcy coordinator solicits input from regional RR staff through a project manager (PM) worksheet. The PM worksheet identifies current and past uses of the listed properties in the bankruptcy filing, contamination concerns (e.g., spills, ongoing cleanups, etc.), whether cleanup work is needed, any Wisconsin DNR money spent at the site(s), along with future action recommendations.

Based on the PM information, a bankruptcy team comprised of RR program staff and Legal staff decide what, if any, actions to take in response to the bankruptcy filing. Possible actions include filing a proof of claim to request a share of the assets for cleanup work or monitoring re-organization plans.

The RR program staff continued to review bankruptcy filings during this reporting period and reviewed 47 bankruptcy filings, with three filings requiring additional case investigation due to environmental concerns. Two of the bankruptcy filings were referred to the state Department of Justice to monitor and/or file a proof of claim.

Wisconsin Plant Recovery Initiative

The Wisconsin Plant Recovery Initiative (WPRI) is a Wisconsin DNR effort to help communities expedite the cleanup and revitalization of industrial and commercial facilities that have recently shut their doors.

Each time a company announces a plant closing, the Wisconsin DNR offers to work with company officials and the community affected by the closing, to outline the company’s responsibilities to safeguard public health and the environment, and discuss the brownfield resources available to both parties to help assess, clean up and redevelop the property. The Wisconsin DNR’s goal is to organize a Green Team meeting with the company and comprehensively discuss any obligations associated with air, waste, water and land issues.

During this reporting period, the Wisconsin DNR identified 31 plant closings for contact and consultation. There were 14 letters sent to closing businesses and communities identifying environmental issues associated with the closings. The letters also outlined assistance options and opportunities for repurposing or redeveloping these shuttered sites. Of the remaining 17 closing businesses: six will not receive letters due to the sites being sold or no environmental issues were identified during the triage checklist process, two are going through bankruptcy and will be processed through the Wisconsin DNR’s bankruptcy process, and nine will receive letters soon.

Plant closings included:

1. Pioneer Metal Finishing LLC (Oshkosh)
2. Appivion, Inc. (115 Kensington Drive, Appleton)
3. Appivion, Inc. (3000 Warehouse Road, Appleton)
4. Ryder (Beaver Dam)
5. U.S. Paper Converters, Inc. (Appleton)
6. Ryder (Greenville)

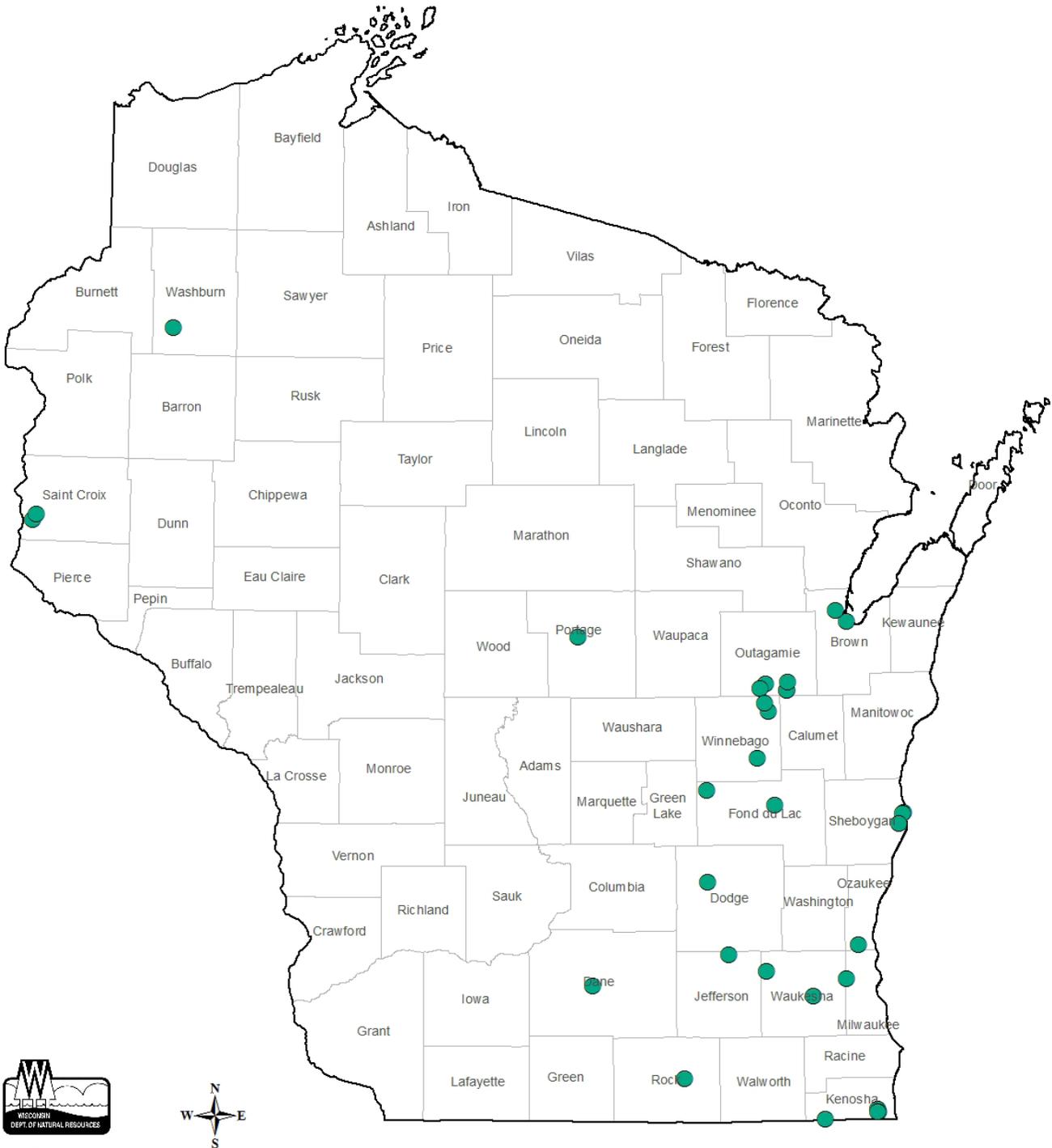
7. Spartech (Ripon)
8. Bosch Packaging Technology, Inc. (Shell Lake)
9. Saputo Cheese USA (Fond du Lac)
10. WEC Energy’s Pulliam Power Plant (Green Bay)
11. We Energies (Pleasant Prairie)
12. McDill Auto Wrecking (Stevens Point)
13. Lake Country Foods, Inc. (Oconomowoc)
14. ACCO Brands USA, LLC (Pleasant Prairie)
15. Kimberly Clark, Nonwovens facility (Neenah)
16. Kimberly Clark (Fox Crossing)
17. Compass Group (Hudson)
18. JC Penney Distribution Center and Call Center (Wauwatosa)
19. Gannett Publishing Services (Appleton)
20. Hubbell Lighting, Inc. (Hudson)
21. American Girl Brands, LLC (Wilmot)
22. Western Industries, Inc. (Watertown)
23. DHL Supply Chain (Mequon)
24. Ariens Specialty Brands, LLC (Janesville)
25. Roche Molecular Systems, Inc (Madison)
26. Omnova Solutions (Green Bay)
27. GE Distributed Power, Inc. (Waukesha)
28. *Safeco Products Co. (Sheboygan)
29. *Safeco Products Co. (Sheboygan)
30. *Safeco Products Co. (Sheboygan)
31. ACCO Brands, USA, LLC (Pleasant Prairie)

*Three individual facilities closing

Table 3 - Summary of Oversight and Enforcement Activities

	Mid-Year Numbers	End of Year Totals	Annual Targets
RP Letters Issued	136	247	—
Redevelopment Assistance Tools	69	136	—
Proofs of Claim Filed	0	0	—
WPRI Letters Sent	8	14	—

Wisconsin Plant Recovery Initiative Sites for Reporting Period September 1, 2017 - August 31, 2018



Sep 10, 2018 DRS

Fiscal & Information Technology Section
Remediation & Redevelopment Program

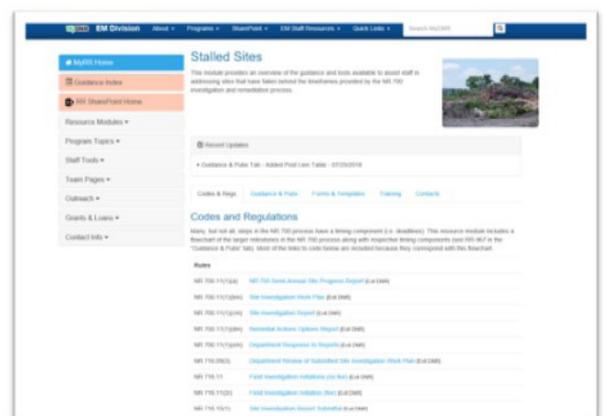
RR Program Sharpens Tools for Moving Stalled Sites

In 2015, the Remediation and Redevelopment (RR) program, through its 2015-2018 strategic direction plan, set a goal to reduce the number of “stalled sites.” These are defined as contaminated sites that become delayed or stopped during the state regulatory process for investigation and cleanup. The program added emphasis on reducing stalled sites within the Petroleum Environmental Cleanup Fund Award (PECFA) program, which funds petroleum cleanups and will sunset in 2020. Throughout 2016 and 2017, RR program staff teams reviewed both internal and external causes of stalled sites and identified potential improvements to internal policies and practices to address delays. Following these discussions, staff worked under the direction of the stalled sites staff teams and the RR program management team to revise and enhance the guidance, practices, and procedures for addressing stalled sites.

As of August 31, 2018, RR staff have reviewed and revamped several sets of tools available to staff and external customers, that focus on incentives, public notice, and enforcement strategies to address stalled sites. Results from these efforts include:

- Better staff tools for use in reaching out to customers in regard to available incentives and timing requirements. For example, an updated comprehensive internal Stalled Sites Toolkit which enables staff to quickly review all available tools and incentives for moving stalled sites and a set of PECFA-specific outreach tools regarding funding options and impending deadlines.
- Improved guidance for external customers regarding available incentives and program requirements. For example, a hyperlinked reference table of financial resources available for investigation, cleanup, and redevelopment of brownfield sites and an improved visual flowchart of the regulatory timeline and process for external customers.
- Updated guidance to promote consistent notice to the public at stalled sites where contamination is not sufficiently addressed but not currently impacting human health or the environment. For example, new templates and streamlined procedural guidance for recording notice of contamination affidavits at properties where investigation and cleanup progress is stalled.
- Improved internal coordination and capacity between the programs that implement environmental enforcement actions at sites where contamination may impact to human health or the environment. For example, a new enforcement training component to the RR program’s biennial statewide staff training and new templates and guidance for cross-program use.

These outcomes are captured by two interlinked internal “one-stop shop” web pages available to staff for all stalled sites and enforcement-related laws, guidance, templates, trainings, and tools as part of the RR program’s new subject-based approach to cataloging interrelated guidance and templates. The RR program will continue to work on the stalled sites reduction goals until the end of the 2015-2018 strategic direction plan period; however, preliminary counts of stalled sites in the PECFA program already indicate a significant reduction in the number of stalled sites.



Wisconsin DNR Staff Help Implement New Brownfields Law

In November 2017, Wisconsin Act 70 was signed into law. The new law includes several items recommended by the Brownfields Study Group in its 2015 report, *Investing in Wisconsin*. One unique new tool included in the law is an incentive aimed at promoting industrial development at brownfield sites. This provision creates a pilot program that aims to give companies certainty with regard to air pollution permitting if they clean-up a property in the VPLE program and participate in Green Tier, the state's voluntary compliance environmental management systems program. Brownfields staff are working with Wisconsin DNR Air Management program staff and the Business Support Services staff to develop the pilot program.

A new advisory group made up of attorneys, industry representatives, consultants and local government officials provides guidance to the Wisconsin DNR staff developing this pilot program. The advisory group worked with staff on law interpretation and development of a flow chart that explains how the different regulatory procedures can work together so a business can use the incentive. The advisory group is currently developing outreach tools to connect with local governments interested in cleaning up brownfields and job creation. Wisconsin DNR staff also have developed a new program web page and outreach materials including a graphic checklist.

Staff Resource Modules Enhance Job Success

The RR program's major goals, strategies, and objectives are laid out in its strategic direction plan for the time period of July 1, 2015 through June 30, 2018. Six identified goals focus on major topics: staff training, stalled sites, document management, brownfields, and program and fiscal efficiencies.

The strategic direction plan identifies the program's priority work and provides a framework for which to monitor progress on a regular basis. Its goals are incorporated into staff and team work plans, provide direction to advisory groups, and help focus the efforts of staff within the program.

Goal one of the plan is to create a program culture that engages and inspires staff and includes strategies to train program staff for job success, establish and implement essential elements of successful project management and to design a seamless succession process for all program vacancies.

One major approach for providing staff resources is through online, internal resource modules. These modules cover core program topics and provide a wide array of information on each topic. Each online resource module is organized into five topics: codes and statutes, guidance and publications, forms and templates, training and contacts. During this reporting grant period, staff funded through the 128(a) grant developed the following resource modules:

Administrative	Records Management
Automation	Safety
Brownfields and Green Team	Soil Management
Closure	Spills
DERF	Stalled Sites
Enforcement	State Funded Response
Fees and Services	Strategic Direction Plan
Hazardous Waste, PCBs & OCP MOA	Superfund
Historic Fill Exemptions	Superfund – Removals
Liability Exemptions	Superfund – Site Assessment
PECFA	Vapor Intrusion and Mitigation
Petroleum: LUST & Abandoned Tank Removal	WPRI

Contaminated Soil Management Rollout, Training, and Outreach

In 2017, the RR program finalized four new guidance documents regarding the management of contaminated soil and other waste materials in locations other than a licensed landfill. The guidance was a culmination of several years of discussion between the RR program and external stakeholders. These documents are part of the overall strategy for handling soils and other solid wastes in protective locations if licensed landfills are not an option.

The RR program is actively working on development of sampling protocols, standards for on and off-site placement of materials, systems to track movement of materials, and safeguards for final placement. The projected outcomes include a clear set of standards and best management practices to ensure the safe management of soils excavated from construction and cleanup projects. In 2018, staff developed guidance on how to determine if soil with very low contaminant concentrations is automatically exempt from landfilling requirements to streamline management processes. The RR program is also developing a standard method for approving material management requests and a consistent internal review process for placing restrictions on properties where contaminated material is disposed.

The Wisconsin DNR is using its existing online tracking system of remediation projects to track and document material management activities conducted under a Wis. Admin. Code ch. NR 718 exemption. A user of the Bureau of Remediation and Redevelopment Tracking System (BRRTS) will be able to determine if contaminated material was excavated from or brought onto a site they own, may potentially purchase, or are otherwise interested in. The system identifies requirements the Wisconsin DNR placed on a property to limit disturbance and exposure to contaminated material. These additions to the tracking system are expected to prevent future accidental exposure and mismanagement of contaminated material and will allow property owners to incorporate material management into their development plans early in the process. Finally, the system can be used by staff to determine how often, and where, these exemptions are requested.

During this reporting period, program staff received training in all Wisconsin DNR regions on how to apply the Wis. Admin. Code ch. NR 718 exemption for managing contaminated material in areas other than a licensed landfill and how to use the BRRTS tracking system to document the disposal of contaminated material at sites and facilities. Discussions at these trainings included the contents of guidance documents relating to this topic, and questions raised by staff and externals from across the state. The goal of the training was to increase staff awareness of the purpose and availability of the Wis. Admin. Code ch. NR 718 exemption, provide instruction on resources available to staff and the public for using the exemption, and to improve statewide consistency on how these exemptions are applied.

Additional training was held for a group of environmental consultants and representatives from municipal governments at an FET Brownfields Development Seminar. The goal of this training was to introduce the Wis. Admin. Code ch. NR 718 exemption to parties most likely to benefit from its use. Contaminated soil excavated during redevelopment projects must be properly managed when excavated. Landfill disposal is a costly disposal method; the Wis. Admin. Code ch. NR 718 exemption provides a less-expense but still protective alternative for managing this material. The training also included tips for providing a complete exemption request. Providing a complete request that can be quickly reviewed and approved by the Wisconsin DNR may reduce the overall cost to obtain the exemption and reduce project delays.



Task 3: Mechanisms and Resources for Public Participation

The Wisconsin DNR's Remediation and Redevelopment program uses 128(a) funds to help develop outreach materials, maintain comprehensive web pages, coordinate Green Team meetings with interested communities, give presentations, market state and federal brownfield grants and loans, and coordinate the work of the Wisconsin Brownfields Study Group. The Wisconsin DNR's public participation activities fall into two primary areas: outreach activities and financial assistance to communities. A full list of outreach activities is in Appendix I.

Public and Stakeholder Participation

Program staff held 61 Green Team meetings with customers and hosted 15 workshops, trainings and/or stakeholder group meetings.

Speaking Engagements

Staff gave 35 presentations to various brownfields audiences, including local government officials, community organizations, environmental consultants, attorneys, bankers, and other interested parties. See full list in Appendix 1.

Web Presence

In this half of the grant period, the RR program updated and/or created 200 web pages for internal and/or external viewers. See full list in Appendix 1.

Media Outreach

In this grant period, the Wisconsin DNR participated in 19 specific media events which include social media, press releases, TV interviews and news articles.

Publications

We continually create and update fact sheets and publications to ensure customers have accurate information. During this grant reporting period, we created 30 new publications and updated

publications 61 times.

RR Report Newsfeed

In fall 2017, the Remediation and Redevelopment program's *RR Report* newsletter officially changed from a monthly PDF-based publication to an online newsfeed. Program staff post newsfeed content throughout each month. While anyone can check the RR Report newsfeed, <http://rr-report.blogs.govdelivery.com/>, at any time, the Wisconsin DNR's GovDelivery subscribers receive an email summary twice a month of all the articles posted during that month. Regardless, if there are time-sensitive news items or events, separate announcement emails are sent out.

Notification emails were sent out on the following dates:

10/02/2017	11/02/2017	12/02/2017
12/07/2017	01/03/2018	02/01/2018
03/06/2018	03/26/2018	04/03/2018
04/16/2018	05/03/2018	05/15/2018
05/31/2018	06/18/2018	07/03/2018
07/20/2018	08/03/2018	08/08/2018
08/16/2018		

Table 4 - Summary of Public Participation Activities

	Mid-Year Numbers	End of Year Totals	Annual Targets
News Releases/Media Events or Articles	10	19	3
<i>RR Report</i> Newsfeed Summary Emails	6	19	12
New and Updated Publications	37	91	10
New and Updated Web pages	106	200	20
Outreach Meetings (Green Team Meetings)	28	61	30
Public Speaking Events	24	35	10
Trainings/Stakeholder Meetings Held	5	15	3

Brownfields Study Group Update

During this reporting period, the Wisconsin Brownfields Study Group met three times: on September 15, 2017 in West Bend, on February 9, 2018 in Madison, and on May 17, 2018 in Milwaukee. In addition, ad-hoc groups considering “innocent purchaser” issues and reviewing the Wisconsin DNR’s Voluntary Party Liability Exemption program also met during that time.

Meetings are publicly noticed on the Wisconsin DNR’s website and are open to the public. Highlights from the recent meetings include:

September: Members heard from Washington County representatives about the Site Redevelopment program, which relies heavily on assistance from the EPA and is based on partnerships with several area communities. The EPA assessment grant for this county-wide effort was a first of its kind for Wisconsin, resulting in \$40,000 for each coalition member, with additional funds to assist with Phase I and Phase II ESAs, community outreach and other efforts.

February: Study group members discussed Wisconsin Act 70, which aims to provide some certainty regarding air pollution permits if developers clean up a property in the VPLE program and participate in the state’s Green Tier program. The group also watched a presentation about the state’s umpire process, by which local government leaders can mediate remediation cost recovery disputes with responsible parties. And members discussed the growing concern over several emerging contaminants and their impacts on the Voluntary Party Liability Exemption (VPLE) program.

May: During the spring meeting, members took up several topics, including a discussion about recent legislative consideration being given to protecting landowners from incurring costs related to cleaning up property they purchase but didn’t contaminate. The Assembly Environment and Forestry Committee asked the BSG to examine the issue and provide recommendations. The group also discussed possible changes or improvements to the VPLE program. This has resulted in several members and interested guests forming ad hoc groups to further investigate these topics and make recommendations.

Vapor Mitigation System Outreach

While the Wisconsin DNR’s RR program has made significant efforts over the years to educate environmental professionals on vapor mitigation, the program identified a need for better outreach to the general public. In this grant year, the program published a new factsheet to educate property owners on what to expect if vapor mitigation is needed on their property. This factsheet provides basic information on how mitigation systems work, the importance of operating a mitigation system, and the long-term responsibility that will be necessary to maintain the system over time. In addition to this factsheet, the program updated the vapor intrusion website to improve accessibility to the factsheets and provide supplemental information on maintenance of mitigation system.

Outreach efforts were also made to educate the redevelopment community on planning for vapor mitigation. Program staff presented at the FET Brownfields Seminar in February 2018 on the importance and strategies for incorporating mitigation into redevelopment of brownfield sites. This presentation reached an audience of 30 to 40 professionals working on brownfield redevelopment projects in Wisconsin.

In April 2018, program staff led a conference call on the recently updated guidance, *Addressing Vapor Intrusion at Remediation and Redevelopment Sites in Wisconsin* (RR-800), revised in January 2018. During the conference call, staff walked participants through key updates to RR-800 and discussed several topics related to vapor mitigation in greater detail, including mitigation in new construction and the importance of performance verification. This webinar reached an audience of 71 professionals.

Umpire Update: Helping LGUs Take Charge of Brownfields

Wisconsin local governments seeking to catalyze redevelopment by cleaning up local brownfields have a powerful tool in their toolkit. The state's Local Government Unit (LGU) Negotiation and Cost Recovery law lets cities, villages, counties, and other LGUs identify parties that are responsible for contamination at LGU-owned sites and then recover cleanup costs from them. This self-contained process includes public input and encourages responsible parties to agree on sharing cleanup costs – saving time and money – with help from a Wisconsin DNR-appointed “umpire,” or facilitator.

LGUs can pursue this process alongside the state regulatory process for cleanup, which allows local leaders to gauge cost recovery prospects while during the remedial action planning phase. The cost recovery process, known informally as the “Umpire Process,” is available at properties owned (either entirely or partially) by the LGU.

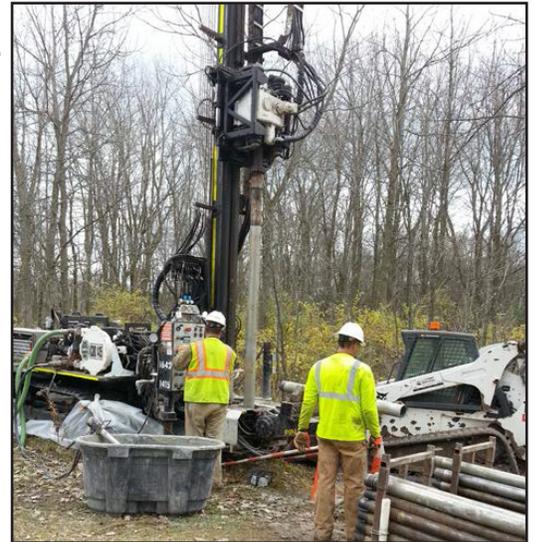
In addition to providing this process, the LGU Negotiation and Cost Recovery law offers parties incentives for cooperation. Responsible parties that comply with either a negotiated agreement or an umpire recommendation are not liable to the LGU, the state, or other parties for further remediation costs. Responsible parties that reject an umpire's recommendation may become subject to a law suit from the LGU, and the payment of the LGU's legal fees and interest on any court-awarded judgement awarded to the LGU, provided that the court awards an amount equal to or greater than the umpire's recommended amount. Responsible parties that enter an agreement or accept an umpire recommendation and then do not comply may also be subject to legal fees and interest if a court awards an amount based on the agreement or recommendation.

The Umpire Process has recently helped two LGUs in northeastern Wisconsin take charge of their contaminated sites. In late 2016, the Village of Ashwaubenon in northeastern Wisconsin successfully settled its cost recovery claims during the negotiations process with each of the responsible parties identified. In early 2018, the city of Manitowoc entered negotiations for cost recovery with most of the parties settling during negotiations. Cleanups at both sites are currently underway.

VPLE Program Assists Beloit School District

The Wisconsin DNR issued 16 Certificates of Completion through the Voluntary Party Liability Exemption (VPLE) program during this grant year. This program allows a business or local government to do an environmental assessment, investigation and remedial action of all the hazardous substances discharged on a property and receive an exemption from liability for any historic contamination.

One of the 16 sites is the former Weiser Motors property in Beloit. This property had leaking underground storage tanks as well as historic fill that included foundry sand and ash. A local non-profit organization, Beloit 2020, donated this centrally located property to the Beloit School District. In October 2017 the cleanup was complete and the Wisconsin DNR issued a Certificate of Completion. The school district is now building a new \$5 million welcome center on the property and held a groundbreaking event for the development in June 2018. The center is at the north end of the high school campus and will serve families, students, and staff of the district. Wisconsin DNR staff continue to work with the school district to ensure that fill material is property managed during construction.



Monitoring Well Installation at Manitowoc-Newton Gravel Pit site. The City of Manitowoc initiated the Local Government Unit Negotiation and Cost Recovery process (“Umpire Process”) at this site at the end of 2017.

Task 4: Mechanisms for Approval of Cleanup Plans, Verifications and Certifications

Completed Cleanups

The Wisconsin DNR approved 373 completed cleanups during this grant year. A completed cleanup means that the Wisconsin DNR reviewed all relevant technical submittals related to environmental investigation and contaminant remediation activities and found them to be in compliance with state law. Closure submittals are reviewed by regional technical committees to ensure statewide consistency in case closure decisions.

The regional hydrogeologist assigned to the case sends a case closure letter signed by the regional team supervisor to the responsible party after cleanup is approved. The region also enters the case closure information into the Wisconsin Remediation and Redevelopment Database (WRRD).

Audits of Institutional Controls

Owners of property in Wisconsin with residual contamination are responsible for maintaining any continuing obligations imposed. For example, if the Wisconsin DNR approved a cleanup where residual contamination continues to exist under a parking lot, the property owner is required to maintain the parking lot to certain standards. This requirement applies to all future property owners as well. Information about site specific continuing obligations is publicly available on the public database.

The Wisconsin DNR conducts audits to evaluate compliance with continuing obligations. The types of sites audited consist largely of closed sites with some type of cover over residual contamination, a

structural impediment that restricted investigation and cleanup in some areas of the site; sites with an industrial land use restriction, or sites with a required vapor mitigation system.

For the reporting period of September 1, 2017 through August 31, 2018, 63 sites were audited to review compliance with conditions of closure. Since 2004, approximately 775 sites were audited; a few sites were audited more than once. As of September 2018, 99 sites required follow-up and 80 are back in compliance. The RR program staff update the database as more sites return to compliance.

Voluntary Party Liability Exemptions

In this grant year, the Wisconsin DNR approved 16 new Certificates of Completion (COC) for Voluntary Party Liability Exemptions program (VPLE) and received five new VPLE applications.

A VPLE COC is issued following a thorough environmental investigation and cleanup at a contaminated property. This option in state law removes future liability for historic contamination. The Certificate of Completion can be passed along to future owners of the property. The certificate can help with real estate transactions where prospective purchasers have concerns about contamination, assuring them that the entire property has been cleaned up to the satisfaction of the Wisconsin DNR.

Table 5 - Summary of Mechanisms for Cleanup Approval, Verifications and Certification Activities

	Mid-Year Numbers	End of Year Totals	Annual Targets
Audits of Institutional Controls	0	63	35
Vapor Mitigation System IC Audits	0	16	10
Acres Ready for Reuse	645.70	1,377.7	—
Approved/Completed Cleanups (Closure Decisions)	196	373	300
New Requests to Enter Voluntary Party Liability Exemptions (VPLE) Program	3	5	5
New VPLE Certificates of Completion	3	16	—
Cumulative Wisconsin VPLE Certificates	174	187	—

RR Program Pilots Vapor Mitigation System Audits

In October 2017, the Wisconsin DNR's RR program began a pilot effort to audit closed sites with continuing obligations requiring operation and maintenance of a vapor mitigation system. The objectives of this audit effort were to:

- Evaluate compliance with the continuing obligation to maintain a vapor mitigation system. This information will assess the Wisconsin DNR's current approach to closure at sites with a vapor risk to ensure the approach is protective, or to determine if additional measures are needed for compliance.
- Determine areas of improvement for tracking and auditing vapor mitigation sites.
- Identify tools needed to successfully complete audits on vapor sites and any additional expertise required to adequately inspect active vapor mitigation sites.

The audit process began with a desktop query of the Wisconsin DNR's database, Bureau for Remediation and Redevelopment Tracking System (BRRTS). The query identified roughly 108 closed properties with continuing obligations requiring operation and maintenance of a vapor mitigation system and approximately 188 additional closed sites with continuing obligations requiring Wisconsin DNR approval for future redevelopment.

The pilot's field site audit process occurred throughout the month of June 2018 in the Northeast region (NER) of Wisconsin. This effort consisted of 16 sites visits to properties with continuing obligations requiring operation and maintenance of a vapor mitigation system. Drive-by inspections were also conducted at another 69 sites with continuing obligations requiring Wisconsin DNR approval prior to redevelopment in the future.

Each site visit included a conversation with property owners to obtain answers to the audit questions, a review of the inspection log and closure letter, a demonstration of BRRTS on the Web (BOTW), and an introduction to other Wisconsin DNR vapor intrusion outreach materials, as well as a visual inspection and photo documentation of the vapor mitigation system.

As part of the visual inspection, each vapor mitigation system had an informational sticker placed on it directing property owners/occupants to the Wisconsin DNR website for site-specific information about the system on BOTW and for obtaining additional information and resources about vapor intrusion. Finally, a zip lock bag containing a copy of the site closure letter, information about the mitigation system, an inspection log, and a copy of a vapor intrusion factsheet was zip-tied to the system.

Drive-by audits included a visual inspection and photos taken from the road to determine any obvious signs of redevelopment.

The NER pilot audit revealed five sites with systems that appeared to not be functioning and that no redevelopment had occurred at any of the drive-by audit sites. Further data analysis is scheduled for the NER pilot audit and results will be available in the future.

Once the special study is complete statewide, the findings will be summarized and presented in a report. The report will include suggestions on how to improve tracking and compliance in the future, as well as suggestions for an audit checklist for use by RR program project managers in future continuing obligation audits.



Task 5: Establish and Maintain the Public Record

RR Sites Map

RR Sites Map is an internet-based mapping application. The primary purpose of RR Sites Map is to display remediation and redevelopment sites throughout Wisconsin, whether they are open or closed and if they have received financial or liability assistance. It allows users to directly access specific site information by linking to BRRTS on the Web (BOTW). RR Sites Map also contains other relevant data that is useful in finding a property or is relevant to a cleanup.

The application is accessible on mobile, tablet, or desktop devices. While the desktop version is the most comprehensive, the user can still access RR data layers and many of the same tools on a tablet or mobile device.

New features added in this reporting period include:

- Removed the “GIS Registry” layer group. The term “GIS Registry” was used in the past to refer to sites that were closed with residual contamination. The Wisconsin DNR now uses the term “Continuing Obligations,” along with a list of these obligations in the closure letter, to let the public know residual contamination exists and that some ongoing requirements exist to continue protecting public health. Sites with “Continuing Obligations” now have their own layer.
- Added the new “Additional Site Information” layer group. This new layer group includes both the new “Continuing Obligations” layer and preexisting “Impacted Another Property” layer, which identifies sites with migrating contamination.
- Added a “Layer Catalog” button. New layer options include: Wisconsin DNR office locations, private water well locations, dual aquifers, landfills with 1,200-foot buffers, areas where special well casing is required, and other agency data such as soil types, hydric ratings and drainage classes.
- Added aerial photos from 2017 to the base maps and image slider tool.
- Added links to: Other related Wisconsin DNR mapping applications and online databases and Wisconsin DNR Open Data Portal site. This site allows customers to download Remediation and Redevelopment GIS data and view metadata.

Bureau for Remediation and Redevelopment Tracking System

The RR program completed several upgrades to the primary database tracking application, Bureau for Remediation and Redevelopment Tracking System (BRRTS) during this grant year. These updates include new tools and functionality to help staff enter data with more efficiency and find information quickly. Many of the features also support the program’s web-based applications, BRRTS on the Web (BOTW) and RR Sites Map (RRSM).

This reporting year highlights include:

- Making Petroleum Environmental Cleanup Fund Award (PECFA) claim information available on BOTW. Prior to this addition, claimants had to call PECFA staff for information on claim status.
- Tools to track and find materials management activities under NR 718. From BOTW the public can now find information on these exemptions and understand where continuing obligations were applied.
- Improvements to search functions and added search criteria to allow staff to more easily narrow down their search list.
- Improvements to data entry windows and tools to make it easier to enter, QA/QC, and clean up data.
- More direct access to site-related documents for staff and improved access to Liens and Notice of Contamination information and documents for staff.
- Addition of a new utility that checks first and last names to help reduce duplicates when adding a new person to the database.
- Auto letter generator tool created that allows staff to create template letters and populate information directly from the database.
- Display of relationships at activities on BOTW. This helps the public see what sites are associated with other sites.

The RR program’s automation team is working on a new e-submittal project that will be launched soon, which will allow customers to submit forms and other documents electronically directly to the database. This effort will help staff save time entering information and make it easier for external customers to send NR 700 related submittals to the Wisconsin DNR.

Public Records Digitization Updates

The RR program continues its implementation on records digitization and public access to data. Over the grant year, the program support and automation teams, with the assistance of staff experts, accomplished the following:

- Launched the Records Management Resource Module for staff.
- Finalized naming conventions, categories and action code changes.
- Created and updated external guidance for submitting electronic documents to the Wisconsin DNR.
- Hosted several daylong meetings to create processes for complicated records issues including closure reiterations, materials management, and enforcement documents.
- Digitized, uploaded, and made available through BOTW approximately 19,000 site files.
- Developed a comprehensive database tracking protocol for case closure documentation.
- Developed upload and tracking protocols for NR 728.11 deed affidavits and financial liens.
- Began the development of data tracking guidance for NR 712 signature compliance.
- Initiated a plan for QA/QC and database cleanup of existing documents, VPLE certificates of completion, and continuing obligation packets.
- Continued work on protocols for tracking and uploading documents related to materials management activities.
- Solidified procedures on tracking and uploading affected right-of-way notifications.
- Continued to update established guidance.

Several guidance documents have been developed to assist staff in the digitization of records and records management, including:

- Records-specific uploading
- Email records best management practices
- Identifying personally identifiable information (PII)
- Project manager roles in records management
- Upload protocol for new submittals
- Redacting using Adobe Acrobat Professional
- Records tips & tricks
- Tracking no action required (NAR) and general liability clarification (GLC) documents



The RR program’s automation team continues to develop IT solutions to assist in records management. These include the development of the auto-letter generator within BRRTS and significant updates to BRRTS to accommodate new records protocols like naming and categories. The RR program has completed the development of the document e-submittal portal and the notification e-form, which will be tested this coming fall. The program is also currently working on updating BOTW to be more intuitive to users.

Table 6 - Summary of Public Record Activities

	Mid-Year Numbers	End of Year Totals	Annual Targets
Searches Performed in BRRTS on the Web	52,384	109,747	—
Files or Images Downloaded from BRRTS on the Web	50,532	116,482	—
Sites with Active Cleanups	2,964	5,878	—

Task 6: Enhance Response Program or Cleanup Capacity

In this reporting period, the Wisconsin DNR provided financial assistance to communities and property owners through the Ready for Reuse and Wisconsin Assessment Monies programs which are funded through grants from EPA 104k funds. In addition, the RR program provided support to federal brownfields grant applicants by providing letters of acknowledgement.

Ready for Reuse Update

Since 2004, the Wisconsin Brownfields Coalition, which includes the Wisconsin DNR and several regional planning commissions, has received \$10.754 million in traditional EPA Revolving Loan Funds.

The Wisconsin DNR's RR program administers the funds as the Ready for Reuse program. The program offers loans and sub-grants to local governments, tribes, and non-profits to help with environmental cleanup of hazardous substances or petroleum at brownfields throughout Wisconsin.

During this period staff continued to work with existing award recipients to move their projects forward. In addition, closeout documents were finalized for the 2012 Cooperative Agreement (BF965650602). Three sub-grants have already been made with revolved funds from that agreement.

The Wisconsin DNR promotes the Ready for Reuse program through its website, at Green Team meetings, in the *RR Report* newsfeed, and in various publications. As a result, RR program staff respond to numerous Ready for Reuse general inquiries which indicates high program awareness and a strong funding need.



Wisconsin Assessment Monies Update

The Wisconsin Assessment Monies (WAM) program provides contractor services for environmental assessment at brownfields sites throughout Wisconsin where closed or closing industrial plants act as impediments to redevelopment. Since 2009, the EPA has awarded the Wisconsin Brownfields Coalition (WBC) \$2.7 million in brownfield area-wide assessment grants, which the Wisconsin DNR's RR program administers. The WBC works cooperatively with the Wisconsin DNR to market grant funds.

Awarding services rather than funding takes the administrative burden of managing a grant off the award recipient, empowering even micro communities to take charge of brownfields.

The Wisconsin DNR awards contractor services for Phase I and Phase II environmental site assessments, and limited site investigation work at selected sites. Sites in this program are generally less than 10 acres and have petroleum or hazardous substance contamination that can be assessed for less than \$35,000. Approximately 69 percent of WAM awards have been made to communities with populations less than 10,000 people.

During this grant reporting period, the Wisconsin DNR awarded five new contractor services requests. Two applications were not fully processed due to insufficient information. See Table 7 for a listing of site locations, facilities, and awarded services.

Table 7 - Wisconsin Assessment Monies Awards - 104(k) Assessment Funds

LOCATION	FACILITY	AWARDED SERVICES
FY 16 Assessment Funds (BF 00E02021)		
Horicon, WI	Former Gardner Sites	Project not awarded.
Green Bay, WI	Fabry Glove	Project not eligible.
Edgerton, WI	Lawton Street Site	Phase I & II completed.
Stoughton, WI	Millfab Holley Moulding	Phase II ESA underway.
Oshkosh, WI	Waite Grass Rug Factory	Phase II completed.
East Troy, WI	CMERT	Phase II completed.
Owen, WI	Owen Manufacturing	Phase I completed.
Ashland, WI	Ashland Ore Dock	Phase II completed.
Land O' Lakes, WI	Nagel Lumber	Phase II approved.
Milwaukee, WI	401 E. Greenfield Site	Phase II completed.
Fitchburg, WI	Index Road Project	Phase I completed.
Janesville, WI	Former Cole Electric Supply	Awaiting signed access agreement.
Marathon City, WI	Weisenberger Tie & Lumber	Awaiting signed access agreement.
Pittsville, WI	Former Fur Foods/Right-Of-Way	Limited Site Investigation underway.
Winneconne, WI	PDK Properties	Phase I completed.
Racine, WI	Imperial Laundry Services	Phase II underway.
Frederic, WI	Vacant lot	Limited SI underway.

Petroleum Eligibility Letters

In this reporting period, the Wisconsin DNR provided 21 eligibility determinations for petroleum assessment or cleanup using an EPA brownfields grant:

1. 1110 Buffalo St., Manitowoc
2. 200 North 10th St., Manitowoc
3. West Bend Brewing, West Bend
4. 1528 Union Ave., Sheboygan
5. 207-215 N. Adams, Green Bay
6. 221-227 Cherry, Green Bay
7. 200-216 Washington, Green Bay
8. 2117 Indiana Ave., Sheboygan
9. Laubenheimer’s Garage, Richfield
10. 515 S. Broadway, Green Bay
11. 517 S. Broadway, Green Bay
12. 511-513 S. Broadway, Green Bay
13. Parcel #3-568-1 on S. Broadway, Green Bay
14. 402 and 420 S. Broadway and 419 S. Maple Ave., Green Bay
15. 505 S. Broadway, Green Bay
16. Tannery – 1031 Maryland Ave., Sheboygan
17. Lincoln Street Properties, Elkhart Lake
18. 900 Block of Indiana Ave., Sheboygan
19. Former Richardson Lumber, Sheboygan
20. 1038 Erie Rd., Green Bay
21. 2642 West Hopkins St., Milwaukee

Federal Acknowledgement Letters

The Wisconsin DNR provides letters of acknowledgement for non-tribal entities applying for EPA brownfields grants. Combined, Wisconsin communities and other development groups

requested \$6.2 million in FY18 federal grant funds.

Acknowledgement letters were provided to:

- Redevelopment Authority of the City of Milwaukee (RACM) - Cleanup grant for petroleum contamination*
- Redevelopment Authority of the City of Milwaukee (RACM) - Cleanup grant for hazardous contamination*
- Redevelopment Authority of the City of Milwaukee (RACM) - Community-wide assessment grant*
- Redevelopment Authority of the City of Milwaukee (RACM) - Site-specific assessment grant*
- Redevelopment Authority of the City of Milwaukee (RACM) - Revolving Loan Fund
- Washington County - Revolving Loan Fund
- City of Racine - Community-wide assessment grant*
- City of Fond du Lac - Community-wide assessment grant
- City of Wausau - Community-wide assessment grant
- City of Stevens Point - Community-wide assessment grant*
- Bay Lake Regional Planning Commission - Area-wide assessment grant*
- City of Manitowoc - Community-wide assessment grant*
- Community Development Authority of the City of Manitowoc - Site-specific assessment grant for hazardous substances*
- City of Madison - Community-wide assessment grant
- City of Green Bay - Revolving Loan Fund

** Denotes successful application*

Table 8 - Summary of Program Enhancement Activities

	Mid-Year Numbers	End of Year Numbers	End of Year Targets
Ready for Reuse Loans and Grants	0	0	—
Wisconsin Assessment Monies Awards	2	5	—
Petroleum Eligibility Letters	14	21	—
EPA Brownfield Grants - Acknowledgement Letters	15	15	—

Appendix I - Outreach Activities
September 1, 2017 - August 31, 2018

Green Team Meetings		
08/27/2018	Kwik Trip (Former Puetz Garage)	223 Fremont St (Historically 213 Fremont St)
08/22/2018	Trent Tube	2188 Church, East Troy
08/20/2018	Vogue Cleaners 1414-20 N. 4th St.	Milwaukee
08/15/2018	PDK Properties	Winneconne
07/31/2018	Brillion Iron Works	200 Park Ave, Brillion
07/30/2018	Lillian Health Center/Northwoods Medical Center	State Hwy 17, Phelps
07/23/2018	W C L - Turntable Former Roundhouse and one other railroad parcel	Sw Corner 11th St & Buffalo St, Manitowoc
07/19/2018	Kessler Cleaners	Cuba City
07/03/2018	Roy's Conoco	Marshfield
07/02/2018	114/116 W. Cook St.	Portage
07/01/2018	Badger Sheet Metal	Green Bay
06/27/2018	Kessler Cleaners	Cuba City
06/20/2018	Brillion Iron Works	200 Park Ave, Brillion
06/09/2018	Staszaks Inc. - Zachow	Angelica
06/06/2018	Gardner Manufacturing	Horicon
05/24/2018	Oak Creek Water and Sewer Utility	9235 S. 5th Avenue, Oak Creek
05/23/2018	Owen Manufacturing	331 N Oak Street, Owen
05/22/2018	Cole Electric	Janesville
05/21/2018	Brillion Iron Works	Brillion
05/09/2018	Green Bay & Western RR Co & Riverfront Property	Also known as the Shipyard
04/27/2018	Colonial Building Property	1531 Main St
04/24/2018	Former Metalfab	Beaver Dam
04/23/2018	Brillion Iron Works	200 Park Ave, Brillion
04/20/2018	800-100 E. Grand Avenue and 200 W. Grand Avenue	Beloit
04/13/2018	Former Nemitz Laundry	Wisconsin Dells
04/12/2018	Suettinger Property	1407 16th St, Two Rivers
04/09/2018	Trent Tube	East Troy
03/28/2018	Kingsbury Brewery - LGU	739 N Water St, Sheboygan
03/19/2018	Trent Tube (Crucible)	East Troy
03/14/2018	Trent Tube	East Troy
03/09/2018	Former Feed Mill	Angelica
03/01/2018	Brillion Iron Works	Brillion
02/28/2018	Gus Klenke Garage (former)	Liberty Grove Township (Door County)
02/20/2018	Marathon Gas Station	Watertown
02/16/2018	Metso/Valmet	618 S Olde Oneida St, Appleton
02/16/2018	Kenosha Engine Plant and Mankowski	Kenosha
02/13/2018	Quality Cleaners	Grafton
01/30/2018	Riverfront Property, Badger Sheet Metal, others	The Shipyard (Baseball stadium for GB Bullfrogs, entertainment area, etc.
01/23/2018	Development site with portions of two historic, unlicensed landfills	City of Menasha
01/23/2018	Century City	Milwaukee
01/18/2018	Riverfront Properties: 3 Rock River Parcels	110-202 S. Water Street, Janesville
01/17/2018	Former GE Hotpoint	West Milwaukee
01/10/2018	Parker Hannifin	City of Mauston

12/14/2017	Dan's Washboard	Johnson Creek
12/13/2017	Lindey Cleaners	Rhinelanders
11/07/2017	Chilton Plating Co Inc	420 E Main St, Chilton
11/02/2017	80-100 E. Grand,200 W. Grant	Beloit
10/23/2017	Town of Bennet (Douglas County)	Town of Bennet
10/18/2017	El Rey Enterprises	Milwaukee
10/18/2017	DIC Imaging USA Products USA, Inc. (Frm Swift Adhesives)	Oak Creek
10/17/2017	DIC Imaging Products USA Former (Swift Adhesives)	Oak Creek
10/12/2017	Brillion Iron Works	200 Park Ave, Brillion
10/09/2017	PDK Property	115 E Main St
10/03/2017	Brillion Iron Works	200 Park Avenue, Brillion
10/02/2017	Appleton Coated	540 Prospect St, Village of Combined Locks
09/26/2017	Century City	Milwaukee
09/21/2017	2841 Index Road	Fitchburg
09/21/2017	Seven04 Development	Milwaukee
09/14/2017	Waite Grass Rug (Former)	1402 Mount Vernon Street
09/08/2017	Landmark CoOp	Union Grove
09/08/2017	Former Monomer Tank Farm - SC Johnson & Son, Inc.	Sturtevant, Racine
Presentations		
08/01/2018	TAB Grant Writing Workshop - State Resources	LaCrosse
07/25/2018	Badger Army Ammunition Public Meeting	Sauk Prairie High School
07/09/2018	UWM Geology Students	WDNR Milwaukee
05/25/2018	Swansonfest	Swanson Elementary, Brookfield
05/16/2018	PECFA Focus Group	Madison
05/10/2018	Local Governments Brownfields Conference - Getting to Groundbreaking	Stevens Point
03/19/2018	East Troy Village Board meeting	East Troy
03/14/2018	PECFA Focus Group	Madison
03/12/2018	Wis. County Treasurers Assoc. Annual Meeting	Wisconsin Dells
03/07/2018	MN Brownfields Vapor Intrusion Forum	St. Paul, MN
03/05/2018	Wis. Register of Deeds Association Annual Meeting	Brown Deer
02/27/2018	FET Brownfields Development Seminar - Soil Management Resources	Pewaukee
02/27/2018	FET Brownfields Development Seminar - Vapor Intrusion Resources	Pewaukee
02/27/2018	FET Brownfields Development Seminar - Tools for Brownfields Redevelopment	Pewaukee
02/20/2018	High Resolution Site Characterization Webinar	EPA sponsored webinar
02/15 - 02/16/2018	Wisconsin Association of Hazardous Materials Responders Annual Conference	Stevens Point
02/15/2018	Swanson Elementary School	Brookfield
02/09/2018	Brownfields Study Group Meeting	Madison
01/30/2018	Tyco PFOA & PFOS Public meeting	Marinette County Board
12/11/2017	Tyco PFCs Public meeting	Town Hall - town of Peshtigo
12/05/2017	FET Waste Streams and Regulatory Updates meeting	Madison
11/30/2017	BAAP public meeting	Baraboo

11/07/2017	Public Meeting re: Marquette School	Kewaunee City Hall
11/01/2017	Air Force's Environmental Restoration Partnership meeting	Chicago
10/27/2017	GZA Speaker Series	Milwaukee
10/17-10/18/2017	EPA Superfund All-States Meeting	Chicago
10/12/2017	Wisconsin County Treasurers Association	Wisconsin Dells
10/10/2017	Waste & Materials Mgmt. Study Group Meeting	Stevens Point
10/05/2017	Wisconsin Register of Deeds Association Annual Conference	Brown Deer
09/27/2017	Contaminated Sediment External Advisory Group	Madison
09/25/2017	PECFA Focus Group	Madison
09/15/2017	Brownfields Study Group Meeting	West Bend
09/15/2017	UW Madison Geological Engineering Conference	Madison
09/11/2017	Lyndon Station Village Board Meeting	Village of Lyndon Station
01/31/2017	UW Madison Environmental Engineering Student Meeting	Madison
Workshops, Trainings & Stakeholder Meetings Hosted		
09/15/2017	Brownfields Study Group Meeting	West Bend
09/06/2017	<i>Issues & Trends</i> Webinar: Vapor Intrusion: Action Criteria, Mitigation, and Long-term Monitoring	NA
10/04/2017	<i>Issues & Trends</i> Webinar: An Alternative for Determining Soil RCLs for PAHs	NA
01/30/2018	City of Green Bay Public Meeting on BF Redevelopment with partners - US EPA, WDNR & Stantec	Green Bay
02/09/2018	Brownfields Study Group Meeting	Madison
03/12/2018	NR 700 Technical Focus Group Meeting	Madison
04/03/2018	<i>Issues & Trends</i> Webinar: The DNR's Vapor Intrusion Guidance Summary	NA
04/18-4/19/2018	RR Program Statewide Staff Training	Marshfield
05/10/2018	Brownfields Conference for Local Governments	Stevens Point
05/17/2018	Brownfields Study Group Meeting	Milwaukee
06/06/2018	<i>Hydro College</i> staff training: One Day Introduction Session	NA
07/25/2018	Brownfields Study Group VPLE Review Subcommittee Meeting	Madison
07/26/2018	<i>Hydro College</i> staff training: Water Quality and Groundwater Contamination	NA
08/01/2018	TAB Grant Writing Workshop	LaCrosse
08/30/2018	<i>Hydro College</i> staff training: Geomorphology Part 1	NA
Media Events/Articles/Releases		
09/19/2017	Press release: Pittsville, Edgerton receive DNR brownfields awards	Statewide
09/20/2017	Facebook post regarding WAM awards for Pittsville and Edgerton	Social media
10/12/2017	Twitter post about the new Marriot ribbon-cutting ceremony took place Oct. 11 in Appleton. Scenic location was redeveloped with the DNR's brownfield technical help.	Social media

10/18/2017	Press release: Milwaukee to Use DNR Brownfield Assessment Funds at Inner Harbor Property	Statewide
11/20/2017	Facebook post about Janesville Town Square Project	Social media
11/21/2017	Newspaper article-Eagle Herald about contaminants detected in groundwater	Regional (Marinette)
12/18/2018	Facebook post of Beans and Brew video and promoting its showing at the EPA national BF conference	Social media
12/27/2017	Cap Times article on E. Washington Ave. redevelopment in Madison	South Central Region
12/30/2017	Cap Times article on new Pinney Library on former Royster-Clark site location	South Central Region
12/11/2017	Newspaper - Eagle Herald - town of Peshtigo public meeting regarding PFC contamination from Tyco Fire Technology Cetner	Regional (Marinette)
03/08/2018	Media interview Milwaukee Journal Sentinel	Southeast Wisconsin - Milwaukee area
03/20/2018	Media interview with Aisha Morales Channel 2	Northeast Region - Green Bay area
04/12/2018	Media interview with Green Bay Channel 11	Northeast Region - Green Bay area
04/25/2018	Facebook post regarding Assessment Grant Award and WAM program	Social media
04/26/2018	Twitter post regarding Assessment Grant Award and WAM program	Social media
05/11/2018	Media contact with Milwaukee Journal-Sentinel	Southeast Wisconsin - Milwaukee area
06/13/2018	Media contact with Milwaukee Journal-Sentinel	Southeast Wisconsin - Milwaukee area
07/24/2018	Press release: Racine to use DNR Brownfield Assessment funds to aid uptown redevelopment	Statewide
07/24/2018	Twitter post: Racine to use DNR Brownfield Assessment funds to aid uptown redevelopment	Social media
RR Report Newsfeed Summary Emails		
10/02/2017	11/02/2017	12/02/2017
12/07/2017	01/03/2018	02/01/2018
03/06/2018	03/26/2018	04/03/2018
04/16/2018	05/03/2018	05/15/2018
05/31/2018	06/18/2018	07/03/2018
07/20/2018	08/03/2018	08/08/2018
08/16/2018		
Publications		
RR-508	Environmental Liability Exemptions for Lenders and Representatives	Updated
4400-252	Ready for Reuse Quarterly Progress Report	Updated
RR-078	NR 738 - Temp Water Fact Sheet	Updated
RR-690	Guidance for Submitting Documents to the RR Program	Updated
RR-993	Registered PECFA Consulting Firms	Updated
RR-994	Registered PECFA Consultants	Updated
RR-087	Calculating Soil RCLs for PAHs Wis. Admin. Code § NR 722.11 (1)	New
RR-079	Risk Assessment Approach for Calculating cPAH Non-Industrial Direct Contact RCLs - Wis. Admin. Code § NR 722.11 (1)	New
RR-5520	Notice of Noncompliance (NON) Template Letter	New

RR-089	Immediate Spill Response Contractors List	New
RR-024	Environmental Services Contractor List	Updated
RR-090	WI DNR 128a Final Grant Report FY16-17	New
4400-281	Ongoing Cleanups with Continuing Obligations	Updated
RR-024	Environmental Services Contractor List	Updated
RR-993	Registered PECFA Consulting Firms	Updated
RR-994	Registered PECFA Consultants	Updated
RR-5497a	Reactivating PECFA Site/Cost Eligibility for Additional Work	Updated
RR-5449	Open Records Requests - Additional Guidance for RR	Updated
RR-994	Registered PECFA consultants	Updated
RR-024	Environmental Services Contractor List	Updated
RR-092	UCCS Task Reference Guide #23 January 2018 to June 2018	New
RR-092a	UCCS Standardized Invoice #23 January 2018 to June 2018	New
RR-5523	Temporary Emergency Water Agreement Template	New
RR-5525	Template Variance to Extend Temporary Emergency Water	New
RR-5529	Tempoary Emergency Water Procedures	New
RR-517	DNR Umpire List Prequalifications Questionanaire	Updated
RR-5526	Template Letter: First Selction of Umpire	New
RR-5527	Template Letter: Second Selection of Umpires	New
RR-024	Environmental Services Contractor List	Updated
RR-800	Addressing Vapor Intrusion at Remediation and Redevelopment Sites in Wisconsin	Updated
RR-962	Template Letter: Vapor Intrusion Sample Results Above Screening Level	Updated
RR-5448	Template Letter: Vapor Sample Results Above Screening Level - State Lead	Updated
RR-934	Who Should I Contact About Vapor Instrusion Investigations?	Updated
RR-5538	Template Letter: Spills RP Notification Letter	New
RR-993	Registered PECFA Consulting Firms	Updated
RR-994	Registered PECFA consultants	Updated
RR-094	Mitigation: Protection from Vapor Intrusion	New
RR-5535	Template Letter: PECFA Stalled Sites Request for Update/ First Notice	New
RR-5536	Template Letter: PECFA Stalled Sites Request for Update/ Second Notice	New
RR-5542	PECFA Stalled Sites NR 728.11 Deed Affidavit Template	New
RR-589	When Contamination Crosses a Property Line	Updated
4400-306	Promissory Note	Update
RR-993	Registered PECFA Consulting Firms	Updated
RR-994	Registered PECFA consultants	Updated
RR-690	Guidance for Electronic Submittals for the Remediation and Redevelopment Program	Updated
RR-5534	PECFA Closure Lien First Notice Template Letter	New

RR-5535	PECFA Closure Lien Second Notice Template Letter	New
RR-5547	Template Closure Lien for PECFA Stalled Sites	New
RR-5225	Guidance for Determining Who is a Responsible Party Under the Wis. Stats. ch 292	Updated
RR-024	Environmental Services Contractor List	Updated
RR-091	Wisconsin DNR Section 128(a) Grant Mid-Year Report	New
RR-746	US EPA Emergency Response and Removals Assistance	Updated
RR-5523	Temporary Emergency Water Agreement Template	Updated
RR-5546	Template Letter: Suspension of Emergency Water Services	New
RR-5529	Temporary Emergency Water Procedures	Updated
RR-993	Registered PECFA Consulting Firms	Updated
RR-994	Registered PECFA consultants	Updated
RR-966	Fee Schedule	Updated
RR-5544	Access Agreement Template	New
RR-5251	Remediation and Redevelopment Toolbox	Updated
RR-5539	Vapor Intrusion Audit Questions	New
RR-5543	PECFA - Staff Guidance on Variances	New
RR-690	Guidance for Electronic Submittals for the Remediation and Redevelopment Program	Updated
RR-024	Environmental Services Contractor List	Updated
RR-867	Wisconsin Ready for Reuse Program - Petroleum Loans and Grants	Updated
RR-753	Wisconsin Ready for Reuse Program - Hazardous Substance Loans and Grants	Updated
RR-105	Checklist for Ready for Reuse Grantees & Borrowers	Updated
RR-753	Wisconsin Ready for Reuse Hazardous Substance Loans & Grants	Updated
RR-867	Wisconsin Ready for Reuse Petroleum Loans & Grants	Updated
RR-993	Registered PECFA Consulting Firms	Updated
RR-994	Registered PECFA consultants	Updated
RR-863	Wisconsin Assessment Monies Fact Sheet	Updated
RR-059	Wis. Stat. s. 75.106 Agreement Template	Updated
RR-559	DNR Staff Provide Spill Response and Support	Updated
RR-560	Immediate Reporting Required for Hazardous Substance Spills	Updated
RR-604	Hazardous Substance Spills in Wisconsin	Updated
RR-710	Mechanical and Chemical/Biological Spill Response Methods	Updated
RR-100	U&C Cost Schedule #24	New
RR-100a	U&C Invoice #24	New
RR-024	Environmental Services Contractor List	Updated
RR-102	Wis. Admin. Code ch. NR 726 Case Closure Reconsideration Process	New
RR-5319	Cost Recovery Guidance	Updated
RR-5555	Closure Not Recommended Process Flow Chart	New

RR-993	Registered PECFA Consulting Firms	Updated
RR-994	Registered PECFA Consultants	Updated
RR-5553	Delegated Signature Authority for Common Documents	New
RR-5529	Emergency Water Procedures	Updated
RR-060	Mgmt. of Contaminated Soil and Other Solid Wastes	Updated
4400-239	Ready for Reuse Application Form	Updated
RR-5437	Clean Closure template letter	Updated
RR-089	Immediate Spill Response Contractors List	Updated
Web Pages		
External	Publications & forms	Updated
External	Cleanup and redevelopment conferences and training	Updated
External	Brownfields Study Group	Updated
Internal	Superfund - Site Assessment	New
External	Resources for environmental professionals	Updated
External	Remediation and Redevelopment Program training library	Updated
Internal	Wisconsin Plant Recovery Initiative (WPRI)	Updated
External	Petroleum contamination and leaking underground storage tanks	Updated
Internal	Superfund	New
Internal	Strategic Direction Plan	Updated
Internal	Records Management	Updated
Internal	Superfund - Removals	New
Internal	Petroleum Contamination	Updated
Internal	State Funded Response	New
External	Remediation & Redevelopment (RR) Program staff contacts	Updated
External	Brownfields Study Group	Updated
External	Federal Brownfields Grants	Updated
External	Petroleum Environmental Cleanup Fund Award (PECFA)	Updated
Internal	State Funded Response	Updated
External	Contaminated Sediments Advisory Group	Updated
External	Cleanup and redevelopment conferences and training	Updated
Internal	Historic Fill Exemptions Resource Module	New
Internal	Soil Management Resource Module	New
Internal	Safety	Updated
External	Resources for environmental professionals	Updated
External	Cleanup and redevelopment conferences and training	Updated
Internal	Administrative	Updated
External	Wisconsin Assessment Monies (WAM)	Updated
External	Contaminated Materials Management Advisory Group	Updated
External	Contaminated Sediments Advisory Group	Updated

External	Cleanup and redevelopment conferences and training	Updated
External	Remediation and Redevelopment Program training library	Updated
Internal	Superfund Resource Module	Updated
Internal	RR Program Outreach Library	Updated
Internal	Technical Resources for Staff	Updated
External	Brownfields Success Stories	Updated
Internal	Dry Cleaner Environmental Response Fund (DERF)	New
External	Federal Brownfields Grants	Updated
External	Hazardous Substance Spills	Updated
External	Petroleum contamination and leaking underground storage tanks	Updated
Internal	Records Management	Updated
Internal	Sediments	New
Internal	Vapor Intrusion and Mitigation	Updated
Internal	Hazardous Waste, PCBs and OCP MOA	New
External	Voluntary cleanup and the Voluntary Party Liability Exemption (VPLE)	Updated
Internal	State Funded Response	Updated
Internal	Petroleum contamination	Updated
Internal	Vapor Intrusion and Mitigation	Updated
Internal	Administrative	Updated
Internal	Wisconsin Plant Recovery Initiative (WPRI)	Updated
Internal	Petroleum contamination	Updated
External	WRRD - Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web	Updated
Internal	Vapor Intrusion and Mitigation	Updated
Internal	Records Management	Updated
Internal	Remediation & Redevelopment Program	Updated
External	Remediation & Redevelopment (RR) Program staff contacts	Updated
External	About the Remediation & Redevelopment (RR) Program	Updated
External	Superfund	Updated
External	Resources for environmental professionals	Updated
Internal	Records Management	Updated
Internal	Databases	Updated
Internal	Administrative	Updated
Internal	State Funded Response	Updated
Internal	Vapor Intrusion and Mitigation	Updated
Internal	Remediation and Redevelopment Program	Updated
External	Brownfields: redeveloping contaminated property	Updated
External	Wisconsin Assessment Monies (WAM)	Updated
Internal	Soil Management Resource Module	Updated
Internal	Hazardous Waste, PCBs and One Cleanup Program Memorandum of Agreement Resource Module	Updated
Internal	Automation Resource Module (formerly Database)	Updated
Internal	Liability Exemptions Resource Module	New

External	Voluntary cleanup and the Voluntary Party Liability Exemption (VPLE)	Updated
Internal	PECFA Resource Module	New
External	Wisconsin Remediation and Redevelopment Database (WRRD)	Updated
External	Petroleum Environmental Cleanup Fund Award (PECFA)	Updated
External	Selecting an environmental consultant	Updated
External	Green Team assistance	Updated
External	Brownfields Study Group	Updated
External	Petroleum Environmental Cleanup Fund Award (PECFA)	Updated
External	Green Team assistance	Updated
Internal	Environmental Bankruptcy and the RR Program	Updated
Internal	Environmental Enforcement	New
Internal	Remediation & Redevelopment Program	Updated
External	Brownfields Study Group	Updated
Internal	Model/Template Letters	Updated
Internal	RR Program Outreach Library	Updated
External	Cleanup and redevelopment conferences and training	Updated
External	Wisconsin's Initiative for Sustainable Remediation and Redevelopment (WISRR)	Updated
External	Vapor intrusion resources for environmental professionals	Updated
Internal	Vapor Intrusion and Mitigation	Updated
Internal	Remediation & Redevelopment Program	Updated
External	Selecting an environmental consultant	Updated
Internal	Automation	Updated
External	Wisconsin Remediation and Redevelopment Database (WRRD)	Updated
External	Remediation & Redevelopment (RR) Program staff contacts	Updated
Internal	Vapor Intrusion Module	Updated
External	Glossary of terms used in BRRTS on the Web	Updated
External	Brownfields Study Group	Updated
Internal	Soil Management Resource Module	Updated
External	Glossary of terms used in BRRTS on the Web	Updated
External	Cleanup and redevelopment conferences and training	Updated
Internal	Wisconsin Plant Recovery Initiative (WPRI)	Updated
External	Ashland Superfund Site	Updated
External	Vapor Intrusion	Updated
Internal	Liability Exemptions Resource Module	Updated
Internal	Automation Module	Updated
External	NR 700 Technical Focus Group	Updated
External	Cleanup and redevelopment conferences and training	Updated
Internal	Automation Resource Module (formerly Database)	Updated
Internal	Model/Template Letters	Updated

Internal	PECFA Resource Module	Updated
External	Cleanup and redevelopment conferences and training	Updated
External	Vapor intrusion resources for environmental professionals	Updated
Internal	Soil Management Resource Module	Updated
External	Off-site contamination - contamination that crosses property lines	Updated
External	NR 700 Technical Focus Group	Updated
External	Cleanup and redevelopment conferences and training	Updated
External	Environmental cleanup & brownfields redevelopment home page	Updated
Internal	Remediation & Redevelopment Program	Updated
External	Wisconsin Assessment Monies (WAM)	Updated
Internal	Petroleum - LUST and Abandoned Tank Removal	New
Internal	PECFA Resource Module	Updated
Internal	Statewide Conferences	Updated
External	RR Program services & fees	Updated
External	Resources for environmental professionals	Updated
External	What is a spill?	Updated
Internal	Dry Cleaner Environmental Response Fund (DERF)	Updated
Internal	PECFA Resource Module	Updated
Internal	Model/Template Letters	Updated
External	Petroleum contamination and leaking underground storage tanks	Updated
Internal	Wisconsin Plant Recovery Initiative (WPRI)	Updated
External	Cleanup and redevelopment conferences and training	Updated
External	Remediation and Redevelopment Program training library	Updated
External	Environmental cleanup & brownfields redevelopment home page	Updated
External	Resources for environmental professionals	Updated
External	Contaminated Materials Management Advisory Group	Updated
External	About the Remediation & Redevelopment (RR) Program	Updated
External	Brownfields Study Group	Updated
External	Vapor intrusion for environmental professionals	Updated
Internal	RR Program Statewide Conferences	Updated
Internal	Records Management	Updated
External	Remediation & Redevelopment (RR) Program staff contacts	Updated
External	Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web	Updated
External	Cleanup and redevelopment conferences and training	Updated
Internal	Historic Fill Exemptions Resource Module	Updated
Internal	PECFA Resource Module	Updated

External	Remediation & Redevelopment (RR) Program services and fees	Updated
Internal	Administrative Module	Updated
Internal	Automation Module	Updated
External	Local governments and contaminated property	Updated
Internal	Spills Resource Module	New
Internal	Administrative Module	Updated
Internal	Environmental Enforcement Module	Updated
Internal	State Funded Response Module	Updated
Internal	PECFA Resource Module	Updated
External	Cleanup and redevelopment conferences and training	Updated
External	Remediation and Redevelopment Program training library	Updated
External	Brownfields Study Group	Updated
Internal	Hydro College Intranet Training Page	New
External	Cleanup and redevelopment conferences and training	Updated
Internal	Wisconsin Plant Recovery Initiative (WPRI)	New
External	Wisconsin Assessment Monies (WAM)	Updated
Internal	Stalled Sites Resource Module	New
External	Superfund	Updated
Internal	Service & Fees Resource Module	New
External	Wisconsin Brownfields Coalition	Updated
External	RR Program Staff contacts	Updated
Internal	Superfund Resource Module	Updated
External	Remediation & Redevelopment (RR) Program staff contacts	Updated
Internal	Hydro College Intranet Training Page	Updated
Internal	IT Tips & Tricks Intranet page	New
External	Resources for environmental professionals	Updated
External	RR Sites Map	Updated
External	RR Sites Map layer information	Updated
External	Open and closed sites	Updated
External	Open sites (ongoing cleanups)	Updated
External	Closed sites (completed cleanups)	Updated
External	Additional site information	Updated
External	Impacted another property(ies)	Updated
External	Continuing obligations	Updated
External	DNR office locations	Updated
External	EM/DG - private well locations	Updated
External	EM/DG - dual aquifer	Updated
External	EM/DG - landfills with 1200 foot buffer	Updated
External	EM/DG - special casing areas	Updated
External	US/USDA - NRCS soil data	Updated
External	US/DOC/CB	Updated
Internal	Spills Resource Module	Updated
Internal	Stalled Sites Resource Module	Updated

Internal	State Funded Response Module	Updated
Internal	Automation Resource Module	Updated
Internal	Remediation & Redevelopment Intranet Landing Page	Updated
External	Resources for environmental professionals	Updated
Internal	Environmental Enforcement Module	Updated
External	BRRTS on the Web	Updated
Internal	Case Closure and Continuing Obligations Module	New
Internal	Hydro College Intranet Training Page	Updated
Internal	Environmental Enforcement Module	Updated
Internal	Administrative Module	Updated
Internal	Stalled Sites Resource Module	Updated