



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



Section 128(a) Grant Mid-Year Report

For the reporting period:
September 1, 2017 - February 28, 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 mid-year report and covers activities during September 1, 2017 to February 28, 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.

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 § 128(a) funding for the September 1, 2017 to August 31, 2018 grant period. In accordance with available grant accounting information, the Wisconsin DNR expects to 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 webpages;
- Bring resources and assistance on

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

- Offer grant and loan programs that provide 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		2
Outreach Efforts to Promote Site Discovery	5		2
Task 2: Oversight and Enforcement			
RP Letters Issued	136		---
WPRI Letters Sent	8		---
Proofs of Claim Filed	0		---
Amount of Bankruptcy Funds Spent	\$4,936,565.71		---
Redevelopment Assistance Actions	69		---
Task 3: Mechanisms and Resources for Public Participation			
News Releases/Media Events/Articles	10		3
RR Report Newsfeed Email Summaries	6		12
New and Updated Publications	37		10
New and Updated Webpages	106		20
Green Team Meetings	28		30
Public Speaking Events	24		10
Workshops/Training Meetings Held	5		3
Task 4: Mechanisms for Approval of Cleanup Plans, Verification and Certification			
Audits of Institutional Controls	---		35
Vapor Mitigation System IC Audits	---		10
Staff Hours per Audit	---		12
Acres Ready for Reuse	645.70		---
New VPLE Program Applications	3		5
New VPLE COCs	3		---
Cumulative VPLE COCs	174		----
Non VPLE Site Closures/Approved Cleanups	196		300
Task 5: Establish and Maintain the Public Record (see pg. 19 for narrative of updates)			
Task 6: Enhance the Response Program or Cleanup Capacity (see pgs. 20 - 22 for narrative of updates)			

Vapor Intrusion Outreach Efforts Continue

In January 2018, the RR Program published an update to the Wisconsin DNR's guidance: *Addressing Vapor Intrusion at Remediation and Redevelopment Sites in Wisconsin, (RR-800)*. Our external clients and internal staff use this guidance to address policy and technical issues related to vapor intrusion. Originally published in 2010, the guidance needed a revision to provide users relevant and up to date information on this emerging issue.

Extensive public outreach and participation occurred throughout the two-year revision process. Following the 30-day public comment period in September 2017, the RR Program reviewed and responded to each public comment received and posted responses to all received comments on the Wisconsin DNR website. The program worked with many interested parties to discuss their questions and concerns on how this revised guidance would impact their specific situations. Additionally, staff conducted an informational webinar for the public in November to prepare users for the release of the finalized, revised guidance and reinforce key concepts related to vapor intrusion.

Between December 2017 and February 2018, the RR Program's vapor intrusion team leader provided in-person training to program staff in each of the five Wisconsin DNR regions with the goal of strengthening staff confidence and understanding with vapor intrusion issues, and to better prepare staff to answer questions from externals anticipated on the revised guidance.

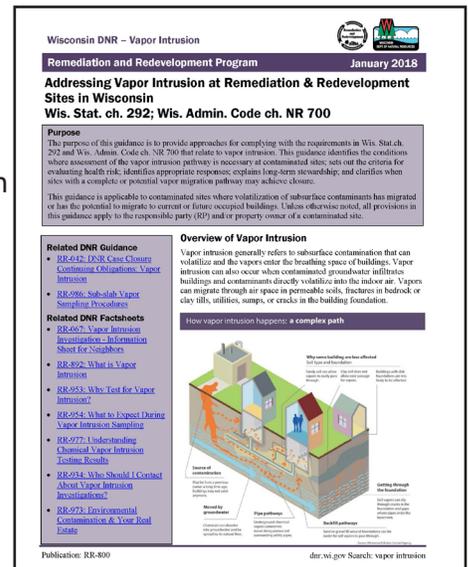
After publishing the revised guidance in January 2018, outreach to notify users of the finalized document included postings to the web-based *RR Report* newsfeed and announcements at meetings for external stakeholders and on the quarterly call with regulators in other EPA Region 5 states.

Regional Staff Trainings for VPLE and Local Government Exemptions

Legislative changes to Wisconsin's Voluntary Party Liability Exemption (VPLE) statute, and an ongoing need to educate field staff on intricacies of the state's local government liability exemption law, prompted a recent staff training tour. Three RR Program Brownfields Section staff, with help from § 128a funding, are traveling to regional offices and meeting with supervisors, project managers and program assistants to get everyone up to speed on the VPLE changes and provide a refresher course on the effect, conditions and limitations of the state's local government liability exemption. The staff training also included reminders about the VPLE site oversight process.

In November of 2017, Wisconsin Act 70 was signed by Governor Walker. The law brings many enhancements to the state's brownfields programs, including changes to the VPLE statutes. The new law changed the way a property is defined for sites in the VPLE program and described procedures to follow when the boundaries of a property are changed after the site begins the cleanup in the VPLE program. The staff training also included reminders about the VPLE site oversight process.

As of February 2018, Brownfields Program staff have visited two of the five regions. Both meetings lasted several hours and included question-and-answer discussions that proved valuable for everyone involved. Plans are in place to visit with staff in the three remaining regions in the next few months, completing this round of training on these topics.



RR Program's Records Management Team Receives FY17 Division Team of the Year Award

In January 2017, the RR Program's Records Management Ad Hoc Team received the Wisconsin DNR's Environmental Management Division Team of Year Award during the 3rd annual awards ceremony. The team was recognized for superior achievements and contributions to the RR Program, the division and the agency.

There are more than 80,000 site-specific RR documents (many over 100 pages in length) currently stored in boxes located in regional file rooms, staff offices and the state record center. Locating records, to respond to open records requests and for staff review, is a lengthy and time consuming process and requires significant resources. While some more recent external documents are submitted in an electronic-only format, the majority of past files are still in hard copy. The Records Team Management Ad Hoc group was pulled together to standardize and improve record collection, scanning, and management processes.

The purpose of the Records Management Ad Hoc Team was established to implement: 1) Governor Walker's executive order to increase access to most commonly requested records; 2) division IT goals of digitization and automation; and 3) the RR Program's Strategic Direction goal of providing excellent customer service through smart document management. The team's goals were lofty, but with 30+ staff spending thousands of hours (beginning in November 2016), the majority of planning for records management is complete, and implementation is underway.

Subgroups have been established to answer specific questions and develop specific processes. The subgroups include: 1) RDA, 2) Displaying on BOTW, 3) Quality Control of Documents, 4) Naming Conventions & Categories, 5) Legal Issues, 6) New & Open Sites & Emails, 7) PECFA Records, 8) Non-Site Specific Documents, 9) Database Visual Interface, 10) Storage of Sensitive/Confidential Documents, 11) Spills Records, 12) Superfund Records, and 13) Training & Outreach.

The Records Management Ad Hoc Team has accomplished the following:

- Established the definition for site file and non-site file and what type of document goes in each;
- Defined the official repository for site and non-site files;
- Developed file structures for document staging;
- Developed naming conventions, category IDs, display rules, and ORR applicability for over 200 document types;
- Developed scanning protocols for existing hard copy records and trained staff;
- Developed submittal protocols for incoming records and trained both staff and externals;
- Defined ongoing records management roles for environmental program associates (EPAs), project managers, and other staff;
- Developed guidance for handling personally identifiable and sensitive information;
- Deployed updates to the BRRS database in order to accommodate new records management processes;
- Recommended IT solutions for improving efficiency in records management;
- Completed necessary database QA/QC to meet new protocols; and
- Reviewed and recommended updates to the program's RDAs.

Program management has made a concerted effort to make digitization and records management a priority. The Records Team and smaller working groups continue to implement the digitization project. Staff in each region are dedicated to scanning hard copy files to the database and receiving and appropriately uploading new submittals. The program's EPAs and key Records Team members meet on a bi-weekly basis to resolve issues and identify areas for improvement. This group will become a standing team in FY18. Lastly, IT staff priorities are focused on updating existing tools and deploying new tools to meet records management needs. And program management has made a concerted effort to make digitization and records management a priority.

Wausau Riverfront Redevelopment: Grant Funding Assists in Completion of Riverfront Corridor

In late 2013, the city of Wausau received \$151,171 in Ready for Reuse grant funding through Wisconsin DNR's 104(k) revolving loan fund grant for a cleanup at 1010 North 1st Street. The property, one in a string of parcels, was identified along the Wisconsin River as part of a comprehensive riverfront redevelopment strategy. Since then, extensive work along the river corridor has occurred with the goal of bringing business and public access to what was once underused riverfront property.

The site's history includes lumber production, manufacturing, scrap iron, and automobile parking and storage. The 3.9-acre property is one of six contiguous former industrial riverfront properties totaling 16 acres adjacent to the Wisconsin River that are planned for commercial, residential and/or recreational mixed use redevelopment known as the Riverfront Redevelopment Area.

Cleanup included the removal off-site disposal of PCE-impacted soil. A groundwater monitoring well network was established in the area of PCE release. Groundwater monitoring was performed to demonstrate a stable or receding groundwater plume. The entire site was capped to minimize the potential for direct contact with widespread sporadic PAH and metals impacts to soil.

The Wausau Riverlife Villages project phase 1, which includes \$27 million worth of multifamily and mixed use commercial buildings, recently completed all foundation work and is currently on schedule for completion in 2019. Wausau on the Water (WOW) - a \$3.5 million family entertainment center with a bar, grill, arcade and laser tag facility - recently celebrated its first anniversary in operation. See <http://www.wausaudevelopment.com/Portals/0/Resources/Documents/RiverlifeBrochurePacket.pdf> for more information

The city of Wausau completed phase 1 of the public improvements to the 16 acre Riverlife area which included a river wharf, extensive river's edge trail connections and plazas/overlooks across the site last year – all of which provided new public access and recreation opportunities. The city is currently bidding phase 2 of those amenities to be completed by fall 2018, which is scheduled to include a concession/market building, rope courses and climbing walls, fitness equipment and other recreational amenities in the new Riverlife Park.



Before: vacant, overgrown riverfront with no public access

After: Wausau riverfront public access and pedestrian bridge.



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 worked to develop a comprehensive list of landfills and evaluated program responsibility for monitoring at the landfill sites. The group reviewed draft documents specifying potential liability for closed landfill and prospective closed landfill property owners and then worked to develop a fact sheet and additions to a web based “frequently asked question” section. 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 three associated forms finalized in the prior reporting year. 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. In addition, progress continued toward an April 2018 implementation of tracking processes for soil management approvals.

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 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.

Education to Promote Site Discovery

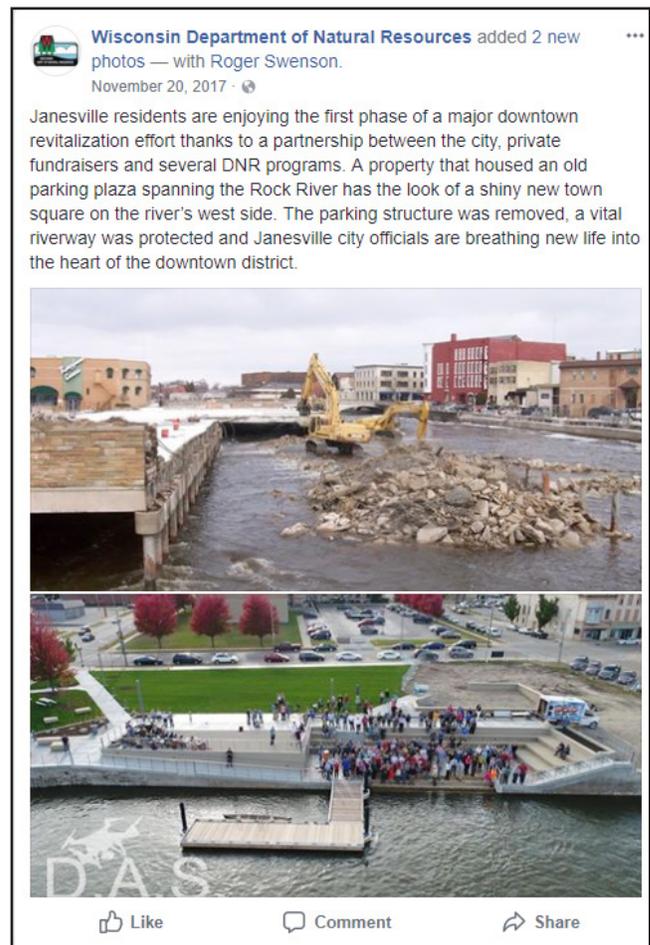
The RR Program works to educate local governments about brownfield site discovery on a daily basis. The Wisconsin DNR recognizes the importance of educating local officials on the broad points of brownfields redevelopment, including assessments, site investigation and cleanup, as well as the intricacies of involuntary property acquisition. During this reporting period, the RR Program worked on five specific and targeted efforts directed toward supporting local governments.

These efforts included:

- Two Brownfields Basics presentations in October 2017 at the Wisconsin Register of Deeds annual meeting and the Wisconsin County Treasurers Association annual meeting.
- Strengthening the partnership between the RR Program and the League of Wisconsin Municipalities

focused on exploring options and opportunities to market brownfields topics to League members. Efforts began in November 2017 and include several League social media posts promoting the RR Program’s brownfields services.

- The featured showing of the RR Program’s Beans & Brew brownfields video at the Region 5 gathering at the National Brownfields Conference. The Wisconsin DNR highlighted that with social media posts linking to the RR’s brownfields program.
- 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.



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		2
Outreach Efforts to Promote Site Discovery	5		4

Task 2: Oversight and Enforcement

Trust Funds Spent on Cleanup

Projected accomplishments in the work plan include the Wisconsin DNR's oversight of bankruptcy trust fund dollars spent on environmental remediation. For this grant period this included overseeing spending \$4,936,565.17 at the former Chrysler Kenosha Engine Plant to continue remediation efforts.

To supplement the trust funds, the Wisconsin DNR previously issued loans to the city of Kenosha for \$2,370,273 and a sub grant for \$1,613,273 from federal brownfields 104(k) funds for cleanup activities.

A work authorization request was approved in the previous reporting period for site-wide remedial excavation work. The request was for \$8,318,042.15, and will effectively exhaust the \$10M bankruptcy trust fund.

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 an 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 136 RP letters.

Redevelopment Assistance Tools

Over the first half of this grant period, the Wisconsin DNR provided written redevelopment assistance 69 times. The template documents for the tools listed below are developed, maintained and updated with 128(a) funding.

- General liability clarification letters;
- 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;
- Negotiated cleanup agreements with local governments; and
- Liability clarification letters for local governments.

Act 204 Overview of Changes

Wisconsin Statutes, chapter 292, contains the laws governing hazardous substances spills and environment repair in Wisconsin. The Wisconsin Administrative Code, chapters NR 700-799, lay out the detailed steps and requirements for conducting investigation and remediation of contaminated sites under these laws. In March 2016, 2015 Wisconsin Act 204 (“Act 204”) amended key parts of chapter 292, affecting contaminated sediment cleanups, voluntary cleanup liability exemptions for sites with contaminated sediments, and other portions of the law, prompting Wisconsin DNR to initiate rulemaking to bring applicable code requirements up to date.

Act 204 amended Wis. Stat. ch. 292 by establishing new requirements regarding the way contaminated sediments are assessed, managed, and remediated. The act created requirements for the maintenance and monitoring of engineering controls used to remediate contaminated sediments and financial responsibility requirements for the persons responsible for maintaining the engineering controls. The act also detailed access requirements and the responsibilities of owners of properties with contaminated sediment and conditions under which they are not liable for off-site contamination.

The act made significant changes to the Wisconsin DNR’s Voluntary Party Liability Exemption (VPLE) program with regard to contaminated sediment sites. It created the opportunity for persons to obtain the VPLE for sites with contaminated sediments. It imposed insurance and financial assurance requirements on contaminated sediment sites enrolled in the Voluntary Party Liability Exemption Program. It also outlined special conditions for partial cleanup approvals at VPLE properties with contaminated sediment. It also provided an additional layer of “comfort” by prohibiting Wisconsin’s Dept. of Justice from commencing natural resource damage claims under CERCLA or CWA against parties with the VPLE.



*Blatz Pavilion Lagoon sediment remediation project.
Excavator loading trucks with PCB contaminated sediment for
off-site disposal.*

Act 204 also made several other modifications to the law that relate to all types of contaminated media. The act established that Wisconsin DNR can require continuing obligations for interim actions to remediate contamination. It required public database listings for interim actions using engineering control along with any information relating to maintenance and monitoring and financial assurance for engineering controls used at contaminated sediment sites.

Following these changes, Wisconsin DNR initiated the rulemaking process in order to amend Wis. Admin. Code, chapters NR 700-799, and ensure that the process for conducting investigation and remediation of contaminated sites in Wisconsin contains clear, concise, and up-to-date guidance for those seeking to comply with the amended law. The Wisconsin DNR, with direction from the Contaminated Sediments External Advisory Group, the NR 700 Advisory Group, and the Brownfields Study Group, will ensure that the necessary detail, direction, and flexibility be available to allow members of the public to meet the new statutory requirements efficiently and without unnecessary costs.

Wisconsin DNR Staff Help Implement New Brownfields Law

In November 2017, Governor Scott Walker signed Wisconsin Act 70. The new law includes several items recommended by the Brownfields Study Group in its 2015 report, *Investing in Wisconsin*. Act 70 brings various enhancements to the state's brownfields programs, including changes to the Voluntary Party Liability Exemption (VPLE) statutes. The law brings changes to tax incremental districts (TID) requirements for environmental remediation; expansion of the property-assessed clean energy (PACE) financing option to include brownfield revitalization projects; and expanded options to address tax delinquent brownfields and other provisions.

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 cleanup a property in the VPLE program and participate in the state's environmental management systems program (Green Tier). Brownfields staff are working with Wisconsin DNR Air Management Program staff Green Tier staff to develop the pilot program.

The Wisconsin DNR brownfields staff spent time before the law was passed providing analysis about provisions in the bill. After it passed, staff conducted outreach to both staff and the public as well as updated documents, drafted a newsletter article and delivered presentations at various training events.

Local Government Unit Exemption Tracking

The RR Program maintains a public database of known environmental contamination and related site investigation and cleanup activities. Properties that have obtained the local government environmental liability exemption, as authorized by state law, are one type of property tracked in the database.

Over the past 20-plus years, local officials have asserted that hundreds of properties qualify for the state's local government exemption. These assertions must be examined and verified by RR Program staff to ensure that Wisconsin DNR agrees that the threshold statutory conditions were met.

Thereafter, RR Program brownfields staff stay in contact with local governments to make sure they understand ongoing conditions for maintaining the exemption and to offer assistance as they work to evaluate options and pursue redevelopment. These efforts can continue for several years at some properties.

The brownfields staff, with help from the EPA's 128(a) funding, have recently updated and improved the local government exemption evaluation process and tracking system. Many related duties are now handled directly by brownfields staff, helping to increase efficiency, improve service, and reduce workloads for regional program staff. These updates should also result in more direct contact between local government officials and brownfields staff.

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 environmental outcomes include a clear set of standards and best management practices to ensure the safe management of soils excavated from construction and cleanup projects.



During this reporting period, training was provided to program staff in four of the five 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. 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 that may impede brownfields redevelopment; the Wis. Admin. Code ch. NR 718 exemption provides a less-expense 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.

The Wisconsin DNR is using its existing online tracking system of remediation projects to include development of tracking capabilities to allow documentation of material management activities conducted under a Wis. Admin. Code ch. NR 718 exemption. A user of the BRRTS tracking system 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 has placed on a property to limit disturbance and exposure to contaminated material. These additions to the tracking system are expected to prevent accidental exposure and mismanagement of contaminated material in the future 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.

Responding to Bankruptcies

The RR Program staff reviewed seventeen bankruptcy filings during this reporting period. Three filings required additional review due to environmental concerns. Two of the bankruptcy filings were referred to the Wisconsin Department of Justice to monitor and/or file a proof of claim.

The Wisconsin DNR receives notice of pending bankruptcy filings. 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 review is needed, 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 worksheet information, a bankruptcy team comprised of RR Program staff and Legal Services staff decide what, if any, actions to take in response to each 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.

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 discuss any obligations associated with air, waste, water and land issues.

During this reporting period, the Wisconsin DNR identified 19 plant closings for contact and consultation. There were eight 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 11 closing businesses; four will not receive letters due to the sites either being sold or having no environmental issues identified during the triage checklist process; two are going through bankruptcy and will be processed through the Wisconsin DNR’s bankruptcy process; and five will receive letters soon, during the second half of this grant reporting year.

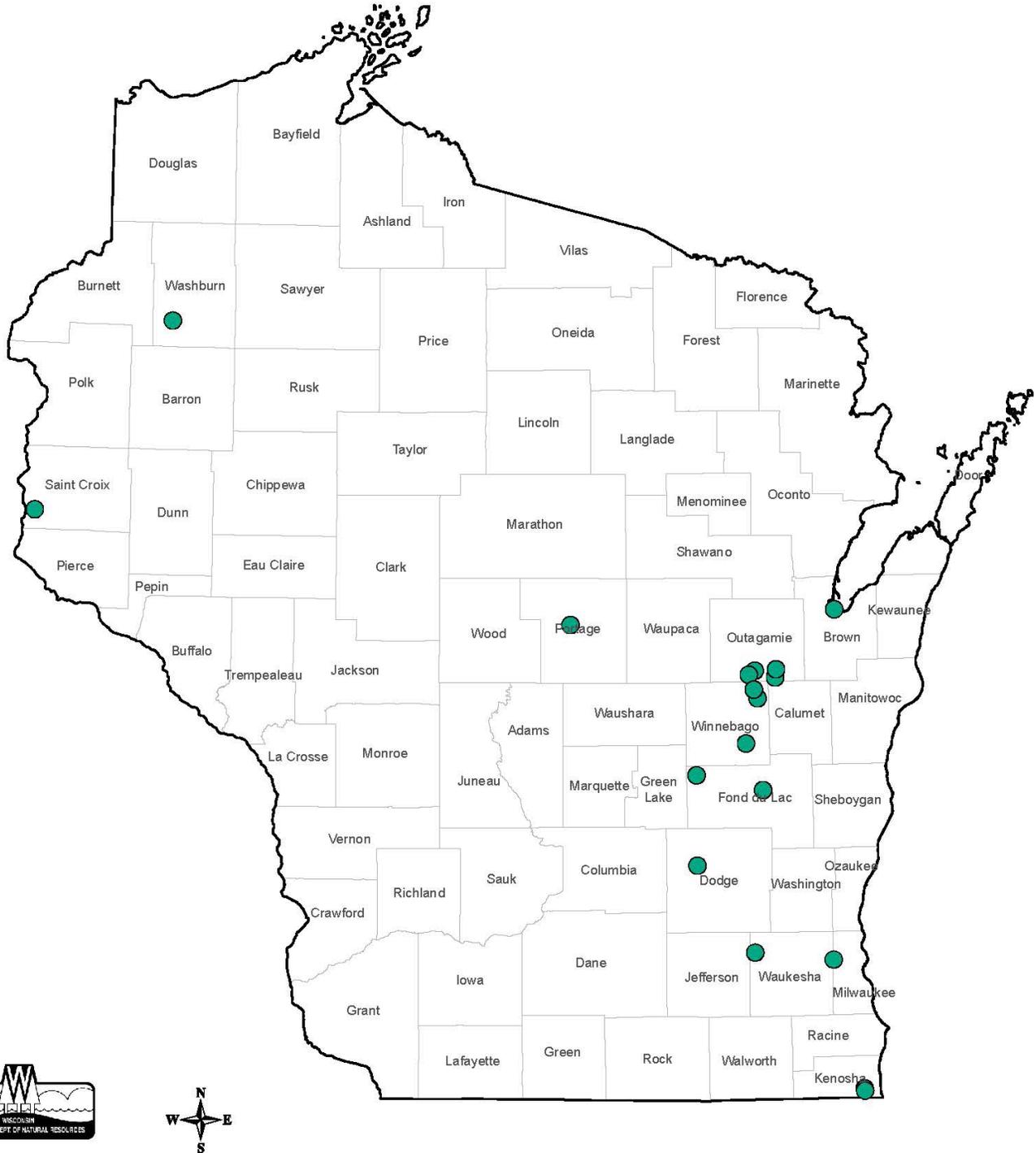
Plant closings included:

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 & Call Center (Wauwatosa)
19. Gannett Publishing Services (Appleton)

Table 3 - Summary of Oversight and Enforcement Activities

	Mid-Year Numbers	End of Year Totals	Annual Targets
Trust Funds Spent on Cleanup (Bankruptcy)	\$4,936,565.71		—
RP Letters Issued	136		—
Redevelopment Assistance Tools	69		—
Proofs of Claim Filed	0		—
WPRI Letters Sent	8		—

Wisconsin Plant Recovery Initiative Sites for Reporting Period September 1, 2017 - February 28, 2018



Mar 13, 2018 DRS

Fiscal & Information Technology Section
Remediation & Redevelopment Program

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 webpages, 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: public outreach activities and financial assistance to communities. A full list of public outreach activities is in Appendix I.

Public and Stakeholder Participation

Program staff held 28 Green Team meetings with customers and hosted five workshops and/or stakeholder group meetings.

The stakeholder meetings during the first half of this reporting period include two Brownfields Study Group (BSG) meetings and one public meeting in Green Bay co-hosted by the EPA, Wisconsin DNR, City of Green Bay and Stantec.

Speaking Engagements

Staff gave 24 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 106 webpages for internal and/or external viewers. See full list in Appendix 1.

Media Outreach

In this grant period, the Wisconsin DNR participated in 10 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 14 new publications and updated 23 publications.

RR Report Newsfeed

In fall 2017, the Remediation & Redevelopment Program’s *RR Report* newsletter officially changed from a monthly PDF-based publication into 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, at the beginning of each month, the Wisconsin DNR’s Gov Delivery notification subscribers receive an email summary of all the articles posted during the previous 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:

- 10/02/17
- 11/02/17
- 12/02/17
- 12/07/17
- 01/03/18
- 02/01/18

Table 4 - Summary of Public Participation Activities

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

Brownfields Study Group Update

Now in its 20th year, the Wisconsin Brownfields Study Group continues to help shape and redefine cleanup and redevelopment policies in the Badger State. The group was created in 1998 under the direction of the governor and state legislative leaders, with the charge of evaluating Wisconsin's brownfields initiatives and recommending any needed changes. Study group members come from varied backgrounds, including environmental consultants, attorneys, industry associations, state agencies, universities and more.

The group met twice during the reporting period; on September 15, 2017 in West Bend and on February 9, 2018 in Madison.

In West Bend, members heard from Deb Sielski (Washington County Planning & Parks) about the county's Site Redevelopment Program, which relies heavily on assistance from the EPA and is based on partnerships with several Washington County 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.

During the group's first meeting of 2018 in Madison, members discussed a range of topics, notably the idea of a "holistic" approach to regulating Wisconsin's industrial community by way of stronger partnerships within Wisconsin DNR programs. The group heard an update to the state's umpire process, by which local government leaders can mediate remediation disputes with responsible parties. And members discussed the growing concern over several emerging contaminants and their impacts on Voluntary Party Liability Exemption (VPLE) agreements.



Brownfields Study Group Co-Chair Mark Thimke (L) addresses members and guests during a meeting at the J.F. Ahren offices, built on a former brownfield near Milwaukee.

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 February 2018, the program published a new fact sheet 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.

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.

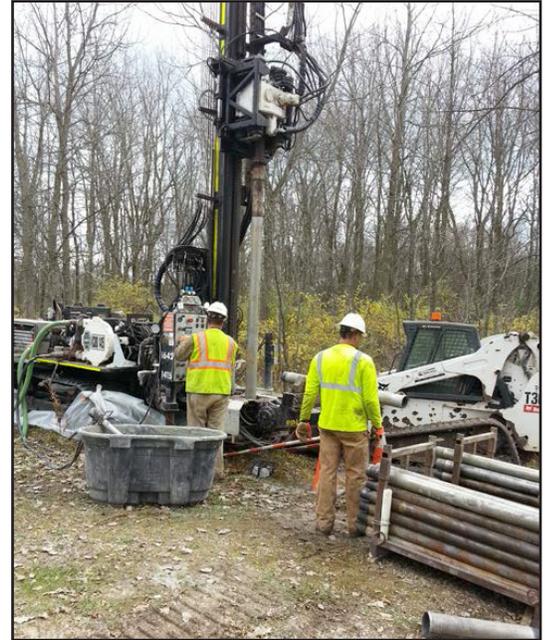
LGUs can pursue this process alongside the state regulatory process for cleanup, which allows local leaders to gauge cost recovery prospects while during the remedial action planning phase. The cost recovery process, known informally as the “Umpire Process,” is available at properties owned (either entirely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

The LGU initiates the Umpire Process by identifying responsible parties. The law authorizes the LGU to access documents pertaining to the property's contamination and requires the LGU to maintain these records in a publicly available place. The LGU then drafts a preliminary Remedial Action Plan (RAP) in consultation with DNR and conducts a public hearing on the RAP. Following the hearing and comment period, the LGU considers public testimony and submits a revised preliminary RAP to the Wisconsin DNR.

After the Wisconsin DNR approves the RAP, the LGU serves an offer to settle to the responsible parties that it has identified, detailing the RAP and the investigation and remediation costs. The LGU then notifies the Wisconsin DNR, prompting the Wisconsin DNR to select a qualified and disinterested umpire to facilitate negotiations between the LGU and responsible parties. The umpire facilitates negotiations over a 60-day period, during which parties can enter agreements to apportion costs. Following negotiations, the umpire makes a recommendation that covers the LGU and any parties that did not reach agreements. The umpire then submits the recommendation to the Wisconsin DNR for approval.

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. As of February 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.



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 196 completed cleanups during this grant reporting period. A completed cleanup means that the Wisconsin DNR has reviewed all relevant technical submittals related to environmental investigation and contaminant remediation activities and found them complete. 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 also applies to all future property owners. Information about continuing obligations is publically available on WRRD.

The Wisconsin DNR conducts audits to evaluate compliance with continuing obligations. The types of sites audited have consisted 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 where a vapor mitigation system is required.

For the reporting period of September 1, 2017 through February 28, 2018, no sites were audited to determine compliance with conditions of closure. Since 2004, approximately 715 sites have been audited; a few sites have been audited more than once. As of September 2017, 96 sites have required follow up and 78 have returned to compliance. The RR Program staff update WRRD as more sites return to compliance.

Voluntary Party Liability Exemptions

In this mid-year time period, the Wisconsin DNR approved three new Certificates of Completion (COC) for Voluntary Party Liability Exemptions (VPLE). Three new applications to VPLE were received.

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 the specified response action. 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		35
Vapor Mitigation System IC Audits	0		10
Average Staff Hours per Audit	0		12
Acres Ready for Reuse	645.70		—
Approved/Completed Cleanups (Closure Decisions)	196		300
New Requests to Enter Voluntary Party Liability Exemptions (VPLE) Program	3		5
New VPLE Certificates of Completion	3		—
Cumulative Wisconsin VPLE Certificates	174		—

Task 5: Establish and Maintain the Public Record

RR Sites Map

RR Sites Map is an internet accessible mapping application. The primary purpose of RR Sites Map is to display the sites that are undergoing or have completed cleanup or have received financial or liability assistance, which are listed on BRRTS on the Web (BOTW). Each site links directly to related information in the database. 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. The desktop and tablet version have the most comprehensive tool set because of the additional screen space available. The handheld version is basic, which allows the user access to the most commonly used tools without getting overwhelmed with too much functionality on a small screen.

New features added in this reporting period include:

1. Aerial Photos – 1990s, 2008, 2013 and 2010-2016 aerial photos were added as basemap options and to the image slider tool. This tool allows the user to compare imagery years by moving the slider back and forth.
2. Statewide County Parcel layer – This new layer allows users to see county parcel boundaries as well as other valuable information, like owner, Parcel ID Number and address.
3. Some enhancements to the drawing and measurement tools.

Future updates include:

1. Add a Layer Catalog. This will allow users to easily add data to their Geocortex map projects by selecting from a predefined list of map services.
2. Updating the layer names and symbology for sites with continuing obligations and offsites.
3. Create easy links to other Wisconsin DNR mapping applications.

Bureau for Remediation and Redevelopment Tracking System

During this grant reporting period, the Remediation and Redevelopment Program completed upgrades to the primary database tracking application, Bureau for Remediation and Redevelopment Tracking System (BRRTS). These items add functionality to the application, and include many features which will support future additions to our web-based viewer application, BRRTS on the Web (BOTW) and our GIS Application, RR Sites Map (RRSM).

The database development team continued to develop tools and procedures to make our data easily accessible to internal staff and the public, such as making Petroleum Environmental Cleanup Fund Award (PECFA) claim information available on BOTW. Prior to this addition, claimants had to call PECFA staff if they needed information on claim status.

The team also worked to develop tools to track the management of materials under NR 718. This information, when available on BOTW and RRSM, will allow the public to easily find information on these exemptions and understand where continuing obligations were applied.



The GIS development team is developing new, more effective tools to display spatial data on RRSM. They are working with the database development team to lay the framework to more efficiently use existing data and reduce the duplication of efforts. The team developed an internal data viewer that allows staff to view our spatial data in conjunction with specialized layers that we are not able to share with the public (parcel mapping, sensitive information, etc).

Public Records Digitization Updates

The RR Program continues to move full steam ahead on records digitization. Over the reporting period, the Records Management Ad-Hoc Team (now moving forward as the permanent Program Support Team) 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 day long meetings to create processes for complicated records issues including closure reiterations, materials management, and enforcement documents.
- Digitized, uploaded and made available through BOTW approximately 2,000 site files.

Several guidance documents have been developed to assist staff in 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

In addition to the work of the Records Team, the Automation Team is in the process of implementing IT solutions to assist in records management. These include significant updates to BRRTS to accommodate new records protocols like naming and categories. The program is also currently working on developing the auto-letter generator, updating BOTW to be more intuitive to users, the e-submittal portal, and e-forms, with all of those projects well underway.

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		—
Files or Images Downloaded from BRRTS on the Web	50,532		—
Sites with Active Cleanups	2,964		—

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. 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 submitted in December 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 such as the *Financial Resource Guide for Cleanup & Redevelopment*. 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 \$2.7 million in Brownfield Area-Wide Assessment grants, which the Wisconsin DNR's RR Program administers.

The Wisconsin DNR awards contractor services for Phase I and Phase II environmental site assessments,

and limited site investigation work at selected sites. 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. 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. An estimated 67 percent of WAM awards have been made to communities with populations of less than 10,000 people.

Since late 2016, Wisconsin DNR's RR Program has been administering a \$600,000 federal site assessment grant from U.S. Environmental Protection Agency (EPA). The Wisconsin DNR partners along with Wisconsin regional planning commissions to form the Wisconsin Brownfields Coalition (WBC). The WBC works in concert to market grant funds in an effort to perform Phase I, Phase II environmental site assessments (ESA), and Wis. Admin. Code ch. NR 716 site investigations.

During this grant reporting period, the Wisconsin DNR awarded two new contractor services requests (401 E. Greenfield Ave Phase II and Index Road Phase I) and three projects were given the go-ahead for additional assessment work (Millfab Holley Moulding, Pittsville Fur Foods Limited SI and Nagel Lumber Phase II).

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 (September 2017 & January 2018)
Stoughton, WI	Millfab Holley Moulding	Phase II ESA approved in December 2017.
Oshkosh, WI	Waite Grass Rug Factory	Phase II completed in October 2017.
East Troy, WI	CMERT	Phase II completed in December 2017.
Owen, WI	Owen Manufacturing	Phase I completed in September 2017.
Ashland, WI	Ashland Ore Dock	Phase II completed in January 2018.
Land O' Lakes, WI	Nagel Lumber	Phase II approved in October 2017.
Milwaukee, WI	401 E. Greenfield Site	Phase II completed in February 2018.
Fitchburg, WI	Index Road Project	Phase I underway in January 2018.
Pittsville, WI	Former Fur Foods/Right-Of-Way	Limited Site Investigation underway in October 2017.

Petroleum Eligibility Letters

In this reporting period, the Wisconsin DNR provided 14 eligibility determinations for petroleum assessment or cleanup using an EPA brownfields grant:

1. 2117 Indiana Ave, Sheboygan
2. Laubenheimer’s Garage, Richfield
3. 515 S. Broadway, Green Bay
4. 517 S. Broadway, Green Bay
5. 511-513 S. Broadway, Green Bay
6. Parcel #3-568-1 on S. Broadway, Green Bay
7. 402 and 420 S. Broadway and 419 S. Maple Ave, Green Bay
8. 505 S. Broadway, Green Bay
9. Tannery – 1031 Maryland Ave, Sheboygan
10. Lincoln Street Properties, Elkhart Lake
11. 900 Block of Indiana Ave, Sheboygan
12. Former Richardson Lumber, Sheboygan
13. 1038 Erie Road, Green Bay
14. 2642 West Hopkins Street, 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



Photo courtesy of EPA website

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		—
Wisconsin Assessment Monies Awards	2		—
Petroleum Eligibility Letters	14		—
EPA Brownfield Grants - Acknowledgement Letters	15		—

Appendix I - Public Outreach Activities
(September 1, 2017 - February 28, 2018)

Green Team Meeting Date	Subject Site	Site Location
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	Green Bay
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, WI
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	Rhineland
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

Speaking Engagements		
09/11/2017	Lyndon Station Village Board Meeting	Village of Lyndon Station
09/15/2017	Brownfields Study Group Meeting	West Bend
09/15/2017	UW Madison Geological Engineering Conference	Madison
09/25/2017	PECFA Focus Group Meeting	Madison
09/27/2017	Contaminated Sediment External Advisory Group	Madison
10/05/2017	Wisconsin Register of Deeds Association Annual Conference	Brown Deer
10/10/2017	Waste & Materials Mgmt. Study Group Meeting	Stevens Point
10/12/2017	Wisconsin County Treasurers Association	Wisconsin Dells
10/17-10/18/2017	EPA Superfund All-States Meeting	Chicago
10/27/2017	GZA Speaker Series	Milwaukee
11/07/2017	Public Meeting re: Marquette School	Kewaunee City Hall
11/01/2017	Air Force's Environmental Restoration Partnership meeting	Chicago
11/30/2017	BAAP public meeting	Baraboo
12/05/2017	FET Waste Streams and Regulatory Updates meeting	Madison
12/11/2017	Tyco PFCs Public meeting	Town Hall - town of Peshtigo
01/30/2018	Tyco PFOA & PFOS Public meeting	Marinette County Board
01/31/2017	UW Madison Environmental Engineering Student Meeting	Madison
02/09/2018	Brownfields Study Group Meeting	Madison
02/15/2018	Swanson Elementary School	Brookfield
02/15 - 02/16/2018	Wisconsin Association of Hazardous Materials Responders Annual Conference	Stevens Point
02/20/2018	High Resolution Site Characterization Webinar	EPA sponsored Webinar
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
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
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)
RR Report Newsfeed Summary Emails		
10/02/2017	11/02/2017	12/02/2017
12/07/2017	01/03/2018	02/01/2018
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
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	Upldated
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