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DNR Information  
On  
Contaminated Properties

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# Overview

- Remediation and Redevelopment Program *database* and *GIS application* house the information on sites undergoing an investigation and environmental cleanup.
    - **BRRTS** – tracking system = database
    - RR Sites Map
      - **GIS Registry of Closed Remediation Sites**
        - Residual contamination
        - Land use controls
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# Remediation and Redevelopment Program Responsibilities

- Ensure environmental cleanups take place under:
    - Spills Law (s. 292.11, Wis. Stats.) and under
      - Includes most releases to environment
    - Environmental Repair Law (s. 292.31 Wis. Stats.)
      - landfill releases
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# Program Responsibilities cont.

- Promote redevelopment of abandoned or underused properties under ch. 292, Wis. Stats. by providing:
    - Technical assistance
    - Financial Assistance via loans and grants
    - Liability clarifications
    - Voluntary Party Liability Exemption (VPLE) reviews and release from future liability
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# Users and Uses of Information

- **Well Drillers** - well construction approvals
  - **Municipal planners**
    - Well head protection zones
    - Utility construction
    - Municipal water expansion
  - **Consultants** – info on nearby sites
  - **Purchasers** – info on specific properties
  - **Government agencies** - variety
  - **Zoning administrators** – land use controls
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# Information Sources

- Bureau for Remediation and Redevelopment Tracking System (BRRTS)
    - BRRTS = our database on all properties
      - undergoing an investigation of a release, or
      - conducting a cleanup
    - BRRTS on the WEB = BOTW
      - The database available to the public via the web
      - Searchable for easier use
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# Info Sources cont.

- RR Sites Map

- Locations of majority of cleanups
- Links to BOTW for site-specific status
  
- Does not include locations of Spills
  - Sites cleaned up without extensive investigation



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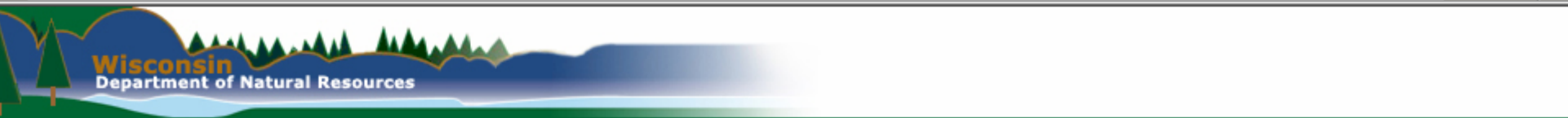
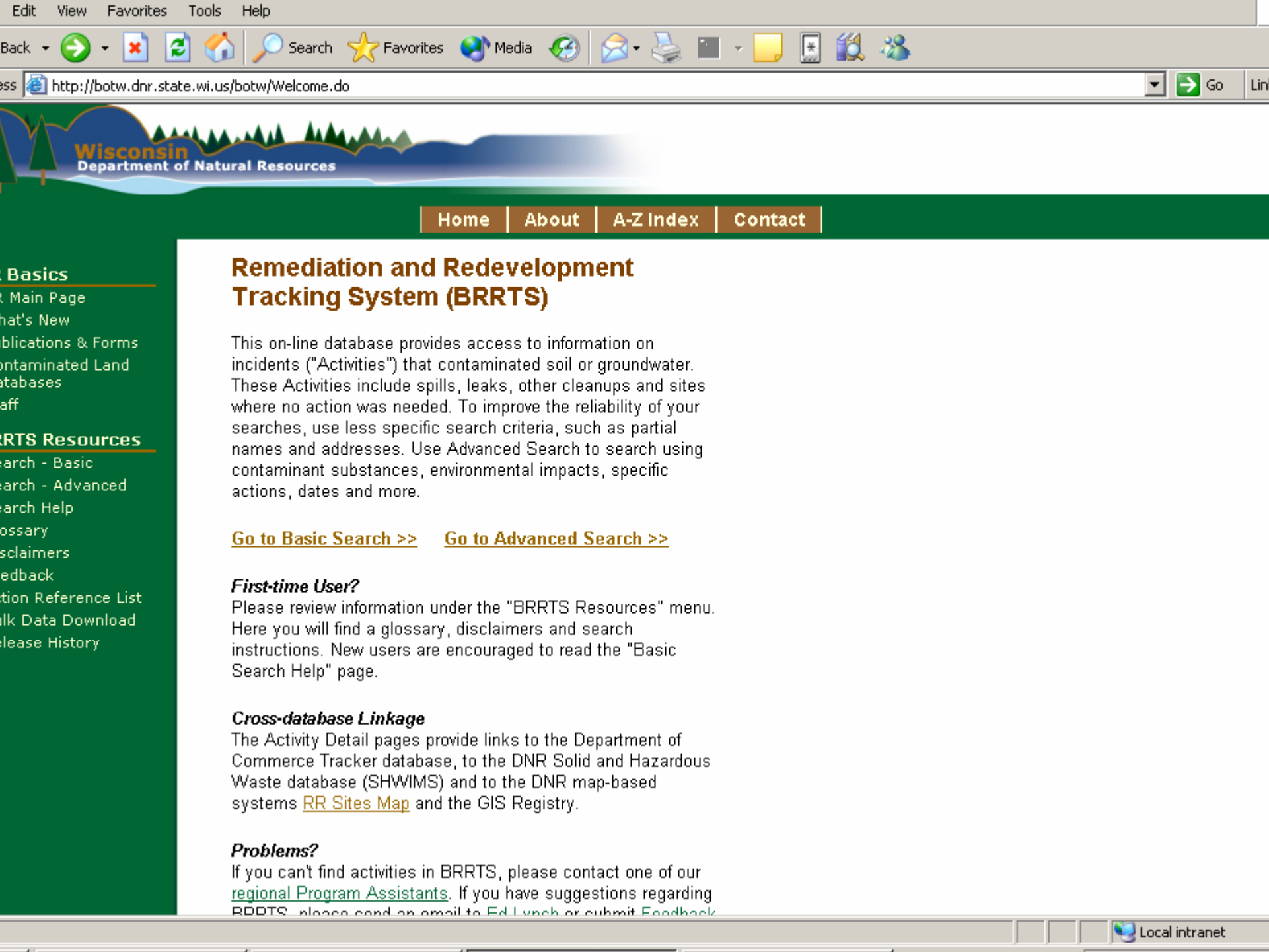
# Info Sources cont.

- GIS Registry of Closed Remediation Sites
    - Map of sites closed with residual soil and/or groundwater contamination
      - Sites may include multiple properties and ROWs affected by residual contamination
    - Contains site-specific records in a PDF
      - the type, location and extent of residual contamination
      - land use control
      - maintenance requirements
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# BOTW

- Contains site-specific information on progress of cleanup
  - <http://botw.dnr.state.wi.us/botw/Welcome.do>
  - Can also use built-in search features
    - Basic Search
    - Advanced Search
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**Basics**

- Main Page
- What's New
- Publications & Forms
- Contaminated Land Databases
- Staff

**BRRTS Resources**

- Search - Basic
- Search - Advanced
- Search Help
- Glossary
- Disclaimers
- Feedback
- Information Reference List
- Bulk Data Download
- Release History

## Remediation and Redevelopment Tracking System (BRRTS)

This on-line database provides access to information on incidents ("Activities") that contaminated soil or groundwater. These Activities include spills, leaks, other cleanups and sites where no action was needed. To improve the reliability of your searches, use less specific search criteria, such as partial names and addresses. Use [Advanced Search](#) to search using contaminant substances, environmental impacts, specific actions, dates and more.

[Go to Basic Search >>](#)   [Go to Advanced Search >>](#)

### *First-time User?*

Please review information under the "BRRTS Resources" menu. Here you will find a glossary, disclaimers and search instructions. New users are encouraged to read the "Basic Search Help" page.

### *Cross-database Linkage*

The Activity Detail pages provide links to the Department of Commerce Tracker database, to the DNR Solid and Hazardous Waste database (SHWIMS) and to the DNR map-based systems [RR Sites Map](#) and the GIS Registry.

### *Problems?*

If you can't find activities in BRRTS, please contact one of our [regional Program Assistants](#). If you have suggestions regarding BRRTS, please send an email to [Ed Lynch](#) or submit [Feedback](#).

# WDNR BRRTS on the Web

[BOTW Home](#) >> [Basic Search](#)

## Basic Search Advanced Search

[SEARCH HELP](#) | [FEEDBACK](#)

Activity Name:  Address:  Region:

Municipality:  County:  Status:

Activity Type:  Jurisdiction:

Activity Number:  Commerce Number:  FID:  Zip:

Search Accuracy Indicators:  90-100%  70-89%  40-69%  10-39%  variable by type

**Can't find what you are looking for?** BRRTS on the Web works best when you enter the simplest possible search criteria. For example, if you enter 100 South Main Street and the address in the database is 100 S Main St, your search won't find the correct facility. Try entering just Main. Narrow your search by selecting the county, municipality, activity type, etc. Check out Search Help for more information, including common abbreviations.

# Site Specific Information

WDNR BRRTS on the Web - Activity Detail - Microsoft Internet Explorer provided by Wisconsin DNR

Address: <http://botw.dnr.state.wi.us/botw/GetActivityDetail.do?detailSeqNo=437988&siteId=9219300&crumb=1&s=B>

Comments

\*\*\* TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION \*\*\* THERE IS ONE REMEDIATION ACTIVITY AND NO WASTE ACTIVITIES AT THIS LOCATION. CLICK ON THE LOCATION NAME LINK TO VIEW LOCATION DETAILS AND VIEW OTHER ACTIVITIES AT THIS LOCATION.

Characteristics

EPA NPL Site?	Commerce Tracked?	Eligible for PECFA Funds?	Above Ground Storage Tank?	Drycleaner?	Co-Contamination?
No	Yes	No	No	No	No

Actions

Place Cursor Over Code to View Description

Date	Code	Name	Comment
04/15/2003	1	Notification	-
04/15/2003	2	RP Letter Sent	-
06/09/2003	99	Miscellaneous	REC'D LTR. TRANSFER TO DCOMM
06/11/2003	76	Activity Transferred to Dept. of Commerce	-
07/31/2003	37	SI Report Received (w/out Fee)	*** SIR Received by Commerce - Updated from Commerce Data Interchange ***
09/05/2003	84	Conditional Closure	*** Conditional Closure from Commerce Data Interchange ***
03/30/2004	84	Conditional Closure/2	*** Conditional Closure from Commerce Data Interchange ***
12/29/2004	11	Activity Closed	*** NR726 Closure from Commerce Data Interchange ***

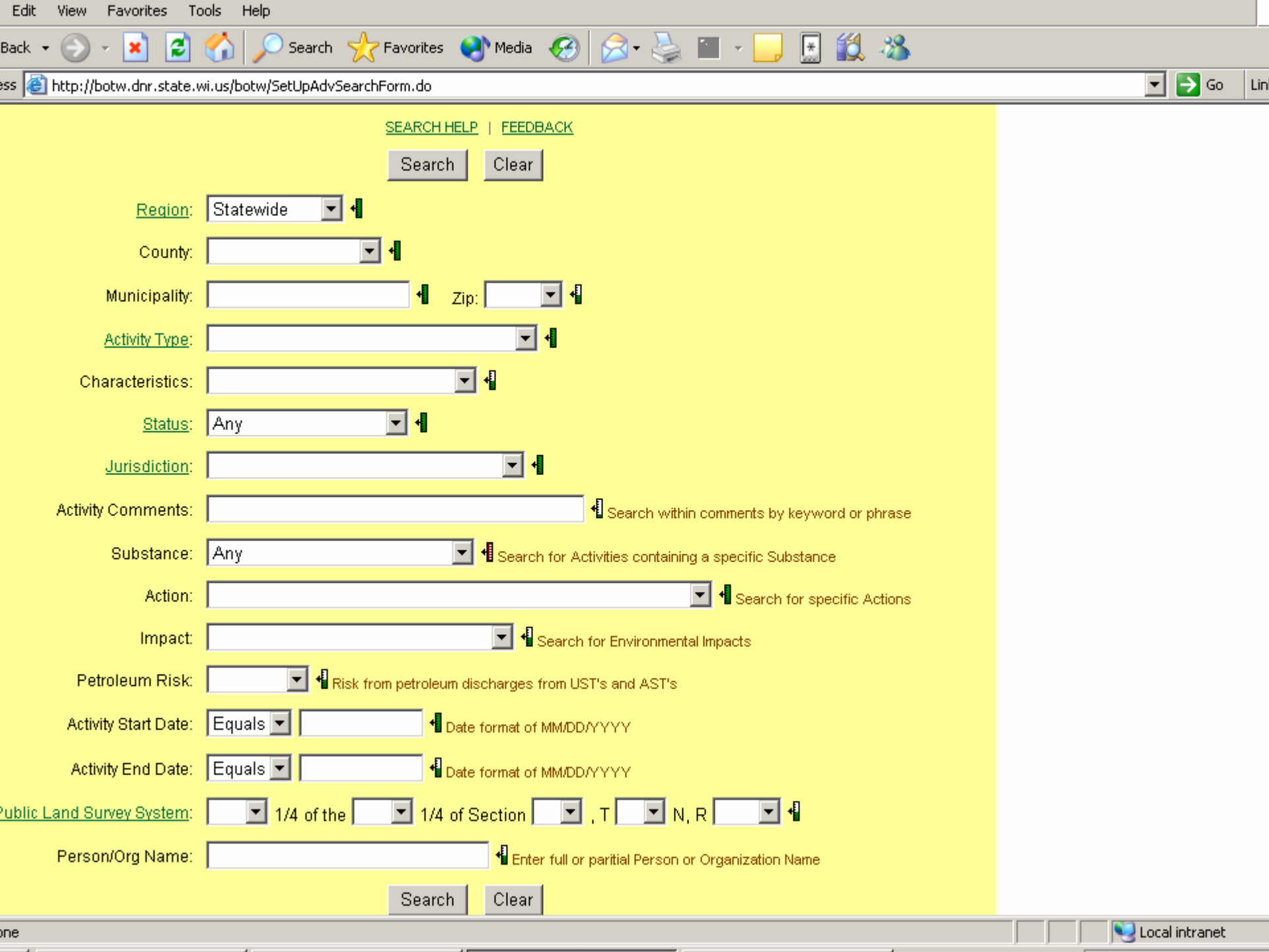
Impacts

Type	Comment
Direct Contact	Possible
Groundwater Contamination	possible
Soil Contamination	-

Done

Local intranet

Start | Inbox - Microsoft Outlook | Microsoft Word | Microsoft PowerPoint - [...] | WDNR BRRTS on the ... | 8:59 AM



[SEARCH HELP](#) | [FEEDBACK](#)

Search Clear

Region: Statewide [Dropdown arrow]

County: [Dropdown arrow]

Municipality: [Text input] Zip: [Dropdown arrow]

Activity Type: [Dropdown arrow]

Characteristics: [Dropdown arrow]

Status: Any [Dropdown arrow]

Jurisdiction: [Dropdown arrow]

Activity Comments: [Text input] Search within comments by keyword or phrase

Substance: Any [Dropdown arrow] Search for Activities containing a specific Substance

Action: [Dropdown arrow] Search for specific Actions

Impact: [Dropdown arrow] Search for Environmental Impacts

Petroleum Risk: [Dropdown arrow] Risk from petroleum discharges from UST's and AST's

Activity Start Date: Equals [Dropdown arrow] [Text input] Date format of MM/DD/YYYY

Activity End Date: Equals [Dropdown arrow] [Text input] Date format of MM/DD/YYYY

Public Land Survey System: [Dropdown arrow] 1/4 of the [Dropdown arrow] 1/4 of Section [Dropdown arrow], T [Dropdown arrow] N, R [Dropdown arrow]

Person/Org Name: [Text input] Enter full or partial Person or Organization Name

Search Clear

County: [Dropdown]

Municipality: [Text] Zip: [Text]

Activity Type: [Dropdown]

Characteristics: [Dropdown]

Status: Any [Dropdown]

Jurisdiction: [Dropdown]

Activity Comments: [Text] Search within comments by keyword or phrase

Substance: Any [Dropdown] Search for Activities containing a specific Substance

Action: [Dropdown] Search for specific Actions

Impact: [List] impacts

Petroleum Risk: [List]

Activity Start Date: [List]

Activity End Date: [List]

Public Land Survey System: [List]

Person/Org Name: [Text] Enter full or partial Person or Organization Name

Search Clear

Search Accuracy Indicators: 90-100% 70-89% 40-69% 10-39% variable by type

Can't find what you are looking for? BRRTS on the Web works best when you enter the simplest possible search criteria. For example, if

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# GIS Application

- GIS Registry of Closed Remediation Sites
  - <http://www.dnr.wi.gov/org/aw/rr/gis/index.htm>
  - <http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=brrts.gisregistry>
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# GIS Registry History - 1996

- The rules were changed to allow sites to be *closed* with residual groundwater contamination in cases where *natural attenuation* would work on the contaminants to reduce the concentrations in groundwater over time.
  - A “*shrinking plume*” and decreasing contaminant concentrations are required for *closure approval*.
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# GIS Registry History - 2001

- November, 2001 – GIS Registry goes live
  - The original purpose was to replace the use of deed restrictions, called “*groundwater use restrictions*”, placed on properties closing with residual groundwater contamination.
  - With this change, the GIS Registry became a means of public notification regarding residual groundwater contamination.
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# GIS Registry History - 2001

- The deed restriction required that if a well was being constructed or reconstructed on a property with residual groundwater contamination, that the well driller would contact the DNR – Water Supply program staff to see if special well construction features would be needed.
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# GIS Registry History - 2001

- In November, 2001, the environmental cleanup rules (NR 700 series) were revised to require that any site closing with groundwater standards exceedances be added to the Department's GIS Registry.
    - A *site* includes all deeded properties and any rights-of-way affected by the contamination.
  - The GIS Registry was back-populated with all the sites that had closed with a groundwater use restriction.
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# GIS Registry History - 2002

- In August, 2002, the rules were again revised to include sites closed with residual soil contamination. In some cases, these sites also had deed restrictions or deed notices applied to one or more properties.
  - The GIS Registry was NOT back-populated with sites with residual soil contamination or deed instruments.
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# GIS Registry History 2006

- On June 3, 2006, the use of deed restrictions for environmental cleanups was replaced with the use of conditions in the closure approval letters. These conditions, under 292.12, Wis. Stats., run with the property.
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# GIS Registry History – 2006+

- The GIS Registry is now also the means of public notification regarding the existence of land use controls (LUCs) related to environmental cleanups on properties
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# Sites Included on the GIS Registry

- sites closed with:
    - groundwater use restrictions prior to Nov. 1, 2001 (1996-2001)
    - residual groundwater contamination since Nov. 2001
    - residual soil contamination since August, 2002,
      - includes some sites closed with deed restrictions or deed notices
      - deed restrictions filed between August 2002 and June 2006
    - conditions of closure since June 3, 2006.
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# Not on the GIS Registry

- Sites closed with residual soil contamination before August, 2002
  - Sites closed with deed restrictions, other than groundwater use restrictions, before August, 2002 (These can be found on BOTW)
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# GIS Registry history cont.

- Sites closed with deed restrictions included:
    - Where the site closed using industrial soil standards
    - Sites closed with residual contamination beneath a building (*structural impediment*)
    - Sites closed with some type of cap or cover, to control either the direct contact or groundwater pathways of exposure
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# Future of GIS Registry

- We plan on working to help make it easier to
    - ❑ find sites with land use controls
    - ❑ identify deeded properties from ROWs
    - ❑ search by dated group of LUC
    - ❑ start tracking by specific type of land use control
    - ❑ Search by address
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# Looking for LUCs

- To find land use controls on the GIS Registry:
    - For a specific site –use the “PDF&BRRTS” button
      - A link to BRRTS for the site background appears on the left side of the screen
      - A link to the PDF for the site, which contains copies of the documents needed to identify the what, when and where of residual contamination.
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# What's in the PDF?

- Deed information (legal descriptions)
  - Deed restriction/notice/maintenance plans
  - Closure letters
  - Site and contaminant location maps
  - Contaminant concentrations and locations at the time of closure approval
  - Cross-sections, iso-concentration maps
  - Notices sent to affected property owners
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# Looking for LUCs cont.

- For multiple properties:
    - Use the advanced search features on BOTW
    - Codes for a variety of land use controls can be found in the Action Codes on the BOTW Home page
      - 56 – LUCs since 6/2006
      - 52 – sites closed with deed restrictions
      - 51 – sites closed with deed notices
      - 50 – sites closed and on the GIS Registry
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# RR Sites Map

- The RR Sites Map was released in December, 2005 to show where both open and closed sites were located.
    - It currently only shows LUST and ERP sites.
    - It does not show locations of all sites. Spill sites are not geolocated.
    - It does not yet show the locations of sites where liability actions or financial tools are used.
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# RR Sites Map cont.

- It provides a link to BOTW for each site, for more site-specific information.
  - It provides contact information for cleanups taking place under the jurisdiction of
    - DNR,
    - Dept. of Commerce, and
    - Dept. of Agriculture, Trade and Consumer Protection
  - Sites not yet located can be downloaded to Excel on a county basis.
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- **Functionality upgrades** will also be made, including
    - themes (selected groups of sites),
      - Open/closed sites
      - GIS Registry
      - Financial Actions – redevelopment tools
      - Liability Actions – redevelopment tools
    - a radius tool,
    - ability to create larger maps, and
    - ability to present polygons as well as points.
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# Financial Actions – redevelopment tools to facilitate use of the properties.

- ❑ Site Assessment Grants
  - ❑ Green Space Grants
  - ❑ Sustainable Urban Development Zone
  - ❑ State Funded Response Cleanups
  - ❑ Dry Cleaner Environmental Response Fund sites
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# Liability Actions – redevelopment tools used to facilitate use of the properties

- ❑ Voluntary Liability Party Exemption - sites which have received a certificate of completion
  - ❑ General Liability Clarification letters
  - ❑ Superfund NPL sites
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# Future BOTW

- BOTW will include corresponding financial information in a future upgrade, to complement the changes to RR Sites Map, *Financial and Liability Action Themes*.
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# Summary

- BOTW
    - Site-specific history
  - GIS Registry
    - Site-specific information in PDF
    - Theme in RR Sites Map with LUCs
  - RR Sites Map
    - Locations of a variety of sites undergoing environmental cleanups or liability clarifications
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