

# GIS REGISTRY

## Cover Sheet

May, 2009  
(RR 5367)

### Source Property Information

Active Site - Placed on Registry due to approval of Remedial Action Plan / Hard Surfacing Plan

BRRTS #: 02-41-246029

FID #: 241213720

ACTIVITY NAME: MILLER COMPRESSING CO

DATCP #:

PROPERTY ADDRESS: 1640 W Bruce St

COMM #:

MUNICIPALITY: Milwaukee

PARCEL ID #:

#### \*WTM COORDINATES:

#### WTM COORDINATES REPRESENT:

X: 688300 Y: 285775

Approximate Center Of Contaminant Source

*\* Coordinates are in  
WTM83, NAD83 (1991)*

Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

#### Contaminated Media:

Groundwater Contamination > ES (236)

Soil Contamination > \*RCL or \*\*SSRCL (232)

Contamination in ROW

Contamination in ROW

Off-Source Contamination

Off-Source Contamination

*(note: for list of off-source properties  
see "Impacted Off-Source Property")*

*(note: for list of off-source properties  
see "Impacted Off-Source Property")*

#### Land Use Controls:

N/A (Not Applicable)

Cover or Barrier (222)

Soil: maintain industrial zoning (220)

*(note: maintenance plan for  
groundwater or direct contact)*

*(note: soil contamination concentrations  
between non-industrial and industrial levels)*

Vapor Mitigation (226)

Structural Impediment (224)

Maintain Liability Exemption (230)

Site Specific Condition (228)

*(note: local government or economic  
development corporation)*

#### Monitoring Wells:

Are all monitoring wells properly abandoned per NR 141? (234)

Yes  No  N/A

*\* Residual Contaminant Level*

*\*\*Site Specific Residual Contaminant Level*



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Matthew J. Frank, Secretary  
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters  
2300 N. Dr. Martin Luther King, Jr. Drive  
Milwaukee, Wisconsin 53212-3128  
FAX 414-263-8606  
Telephone 414-263-8500  
TTY Access via relay - 711

September 1, 2009

In Reply, Refer to: FID# 241213720  
BRRTS# 02-41-246029  
BRR/ERP

Mr. Joe Kovacich  
Vice President-Administration  
Miller Compressing  
Post Office Box 369  
Milwaukee, WI 53201

Re: Remedial Action / Hard Surfacing Plan Approval for Miller Compressing Site –  
Bruce Street Facility, 1640 W Bruce Street, Milwaukee, WI

Dear Mr. Kovacich:

As requested by Miller Compressing, the Wisconsin Department of Natural Resources (Department) has reviewed the Hard Surfacing Plan you submitted, dated June 15, 2009. We also received a request from your attorney, Mark Thimke at Foley and Lardner LLP, dated April 9, 2009. The require review fee was received.

You have requested Department approval of a plan to conduct the capping work in a logical, step-wise fashion consistent with Miller Compressing's business plans and activities. Further, the capping work is intended to address soil contamination impacts associated with scrap operations. The Plan contains a set of capping alternatives for areas that Miller Compressing elects to bring into the hard surfacing program at the Bruce Street facility. A copy of the Cap Maintenance / Hard Surfacing Plan (Plan) including a map (Exhibit B) of the areas that are subject to this letter is attached to this letter.

### Background

In 1993, an inspector visiting the Miller Compressing property observed that a customer released liquids onto the ground in the area known as the "West Yard." Miller Compressing investigated and remediated the area in which the release occurred. Following that work, a meeting was held with the Department on January 10, 1996, to discuss the entire West Yard. At the meeting, Miller Compressing proposed to address other portions of the West Yard by hard surfacing/capping the yard as operations would allow. Plans for the hard surfacing/capping work were submitted to the Department on July 1, 1997. As opportunities arose, Miller Compressing undertook work consistent with the 1997 plans. On July 13, 2007, the Department issued a "Plan Approval" letter for hard surfacing of the "West Yard". On December 16, 2008, the Department received documentation that hard surfacing of the "West Yard" had been completed.

### Department Concurrence

Over the last several years, the Department has worked closely with Wisconsin metal recyclers to develop a cooperative program for addressing soil contamination associated with historic operations at these sites. The Department acknowledges the importance of recycling operations

in the process of recycling and reusing valuable resources that would otherwise be landfilled. At the same time, the industry recognizes the need to take reasonable actions consistent with the nature of metal recycling to protect the environment. The West Yard is a continuing example of this cooperative effort.

Miller Compressing now plans to install hard surfacing on other portions of the site as the opportunity to complete the hard surfacing/capping work arises in those areas. The hard surface cap will be constructed as follows:

1. Currently unpaved operating areas would meet a specification of 5 inches of hard surfacing (concrete or asphalt) in addition to a minimum of 4 to 7 inches of stone base. This specification is similar to that approved by the Department in July 2007 for the "West Yard."
2. Existing hard surfaced areas will be improved, if necessary, so as to have a 9 to 12 inch cap. This cap will be a combination of existing hard surfacing and crushed stone base. Existing hard surfaced areas will be improved, if necessary, so as to have a minimum of 5 inches of hard surfacing, asphalt or concrete.
3. Landscape areas. There are several landscape areas at the Bruce Street facility. Most of these areas are located along the entrance to the Bruce Street/Greenwood Scale and near Mitchell Park. These areas were not used for scrap operations and will continue to be maintained with mulch, plantings and vegetation.

The Department concurs with the approach of hard surfacing/capping the areas shown on Exhibit B of the Plan. Hard surfacing/capping provides a barrier to direct contact with contaminants that may be found in the soil.

#### GIS Registry

This site will be listed on the Remediation and Redevelopment Program's GIS Registry. The specific reasons are summarized below:

- Residual soil contamination exists that must be properly managed should it be excavated or removed
- Before the land use may be changed from a metal recycling facility, additional environmental work **may be required to** be completed
- Pavement, an engineered cover or a soil barrier must be maintained over contaminated soil and the state must approve any changes to this barrier

This letter and information that was submitted with your Remedial Action / Hard Surfacing Plan will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit the RR Sites Map page at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If the property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line <http://dnr.wi.gov/org/water/dwg/3300254.pdf> or at the web address listed above for the GIS Registry.

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere.

You must pass on the information about these continuing obligations to the next property owner or owners. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, the Department may take enforcement action under s. 292.11 Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code. The Department intends to conduct inspections in the future to ensure that the conditions included in this letter including compliance with referenced maintenance plans are met.

#### Cover or Barrier

Pursuant to s. 292.12(2)(a), Wis. Stats., the pavement or other impervious cap that currently exists in the location shown on the attached map shall be maintained in compliance with the **attached maintenance plan** in order to minimize the infiltration of water and prevent groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code, and to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health. If soil in the specific locations described above is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans.

The attached maintenance plan and inspection log are to be kept up-to-date and on-site. Please submit the inspection log to the Department upon request.

#### Conditions

The Department's concurrence with the hard surfacing/capping program for the West Yard is specifically conditioned on the following:

1. The site will continue to be utilized as part of a metal recycling facility;
2. Capping of areas of the Bruce Street facility will occur when operations allow for the work to proceed. Some operations are not readily amenable to capping due to the existing placement of equipment. As opportunities allow for capping to occur (for example, relocation of operations, change in activities or an ownership change), Miller Compressing will move ahead with the work.
3. The cap will be constructed and documented according to the Plan.
4. It is anticipated that the cap design may vary depending upon the nature of the operations in the area being addressed. The cap should be designed to withstand the anticipated use(s) of the area and minimize premature cap degradation.
5. Miller Compressing may, on a case-by-case basis, submit area-specific cap designs that vary from the approved designs or which incorporate newly available capping materials. These case-by-case designs will require Departmental pre-approval before they may be used by Miller Compressing.
6. Capping activities will be self-implementing. Once completed, Miller Compressing will notify the Department of the area that was capped and the cap design utilized in the area

(including the type and amount of material that has been added and the pre-existing pavement conditions present prior to final capping).

7. For the capped areas, Miller Compressing will comply with the GIS Registry requirements noted above and will notify the next property owner of the requirements set forth in this letter.
8. Closure of the site will not be granted until all environmental media are addressed, but for purposes of direct contact risk, capping will be considered sufficient.
9. Additional investigation of soil and/or groundwater may be required before this site can be closed per NR 726.

**Please note that this letter is not intended to address any issues related to investigation, remediation or any other issues related to the contamination that is the subject of the Superfund Alternatives Program which you are working on with the Environmental Protection Agency (EPA) and Margaret Brunette of the Department.**

The Department appreciates efforts to restore the environment at this site. If you have any questions or concerns regarding this letter, please contact Andy Boettcher at (414) 263-8541.

Sincerely,



James A Schmidt  
SER Remediation & Redevelopment Team Supervisor

CC: Mark Thimke, Foley and Lardner, 777 East Wisconsin Avenue, Milwaukee, WI 53202

Attachment: 1) Cap Maintenance / Hard Surfacing Plan (Plan), dated September 2009

# Cap Maintenance / Hard Surfacing Plan

Miller Compressing Company  
1640 W. Bruce Street  
Milwaukee, Wisconsin 53201

FID # 241213720  
BRRT# 02-41-246029

This document is the Cap Maintenance / Hard Surfacing Plan (herein referred to as the "Plan") for Miller Compressing's Bruce Street operation in accordance with the requirements of s NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the Plan established with the Wisconsin Department of Natural Resources (WDNR) to cap former/existing scrap handling/processing operations at this location.

More site-specific information about this property may be found in:

- Case file in the WDNR Southeastern regional office (FID# 241213720)
- BRRTS on the Web (<http://dnr.wi.gov/org/aw/rr/brrts/index.htm>)
- GIS Registry PDF file for further information on the nature and extent of contamination
- The WDNR project manager for Milwaukee County

## **Description of Contamination**

Past scrap handling/processing operations along with past heavy industrial use resulted in elevated levels of RCRA metals, PAHs, petroleum products, PCBs and chlorinated solvents in near surface soils (2-4 feet below ground surface). The purpose of this Plan is to outline the requirements that Miller Compressing Company must follow when it requests that an area be added to the Plan and to describe the inspection and maintenance requirements for the "capped" areas of the site. Miller Compressing must document the compliance with the Plan and must maintain the Hard Surface Cap (herein referred to as the "Cap") agreed to with the WDNR.

## **Description of Hard Surface Cap**

The extent of the Site is outlined on the attached map (Exhibit B) and the extent of the Cap is outlined on the subsequent exhibits designated starting with B (such as B-1, B-2, etc.) as areas are added into the Plan. The Cap will be 9-12 inches thick, consisting of 4-7 inches of suitable sub grade material and a minimum of 5 inches of hard surfacing which maybe asphalt or concrete. A more detailed description of the Cap is described in the WDNR letter dated September 1, 2009.

The proposed Cap over the soil contamination serves as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health. This Cap will also act as a partial infiltration barrier to minimize future soil to groundwater contamination migration that would violate the groundwater standards in ch NR 140, Wisconsin Administrative Code.

Based on the current and future use of the property as a scrap processing facility, the barrier should function as intended unless disturbed.

### **Annual Inspection**

All areas included in the Plan must be inspected annually, preferably in the spring after all snow and ice has melted and should identify deterioration, cracks or other potential problems that can cause exposure to underlying soils and evaluate damage due to settling, exposure to the weather, wear from traffic or operations, increasing age and other factors. Any area where soils have become or are likely to become exposed will be documented in an inspection log which will include recommendations for necessary repairs and the documentation of the completion of those repairs. The inspections will be performed by Miller Compressing or their designated representative. The Hard Surface Cap Inspection and Maintenance Log is attached as Exhibit A. The inspection log will be kept at Miller Compressing Company and available for submittal or inspection by the WDNR representative upon their request during normal business hours.

### **Maintenance Activities**

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs may include patching and filling or larger resurfacing or construction activities. In the event that necessary maintenance activities expose the underlying soil, Miller Compressing Company must inform maintenance workers of the direct contact exposure hazard and provide them with appropriate personal protection equipment ("PPE"). Miller Compressing Company must notify the WDNR prior to any excavation activities. All soils being removed from the site must be treated, stored and disposed of by Miller Compressing Company in accordance with applicable local, state and federal law.

In the event the Cap overlying the contaminated soils is removed or replaced, the replacement Cap must meet the specifications stated in the WDNR letter dated September 1, 2009. Any replacement Cap will be subject to the same maintenance and inspection guidelines as stated in this Plan unless indicated otherwise by the WDNR or its successor.

The property owner, in order to maintain the integrity of the Cap, will maintain a copy of this Plan on-site and make it available to all interested parties (i.e. employees, contractors, future property owners, etc.) for viewing.

**Prohibition of Activities and Notification of WDNR Prior to Actions Affecting the Cap**

The following activities are prohibited on any portion of the property that Miller Compressing Company has selected to include in the Hard Surface Plan, unless prior notification to the WDNR has been made: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; or 6) construction or placement of a building or other structure which causes disturbance of the Cap.

**Amendment or Withdrawal of Cap Maintenance Plan**

This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of the WDNR

Contact Information

September 2009

Site Owner and Operator: Miller Compressing Company  
1640 W. Bruce Street  
Milwaukee, Wisconsin 53204  
414-671-5980

Signature:



Name:

JOSEPH R KOVACICH

Title:

VICE PRESIDENT

9/1/09

WDNR:

Andrew Boettcher  
WDNR SE Regional Office  
2300 N. MLK Jr Drive  
Milwaukee, Wisconsin 53212-3128





# EXHIBIT B-1

**WISCONSIN CENTRAL LIMITED RAILROAD**  
 FORMERLY SOO LINE RAILROAD  
 FORMERLY CHICAGO, MILWAUKEE AND ST. PAUL RAILROAD

**PARCEL E**

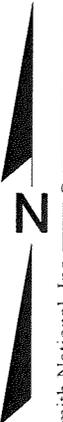
SHADED AREA  
 148,150 sq.ft.  
 3.4011 acres

ARC= 82.11'  
 RAD= 5537.70'  
 CB= S83°00'05"E  
 CD= 82.11'

ARC= 31.86'  
 RAD= 502.35'  
 CB= S85°14'36"E  
 CD= 31.86'

ARC= 44.56'  
 RAD= 1562.08'  
 CB= S83°23'38"E  
 CD= 44.56'

ARC= 72.86'  
 RAD= 1411.25'  
 CB= S88°32'22"E  
 CD= 72.85'



S. 11th ST

S. 13th ST

W. BRUCE ST.

BURNHAM

CANAL

UNPLATTED LANDS

UNPLATTED LANDS

UNPLATTED LANDS

UNPLATTED LANDS

**R.A. Smith National, Inc.**

*Beyond Surveying  
 and Engineering*

16745 W. Bluemound Road, Brookfield WI 53005  
 262-781-1000 Fax 262-797-7373  
 www.rasmithnational.com

S:\5162917\Draw\EXHIBIT B-1.dwg -ERS

SHEET 1 OF 2

S:\5162917\Draw\EXHIBIT B-1.dwg -ERS 10/28/2008 8:19:00 AM

