

**Appendix E Wisconsin Department of Natural Resources (WDNR)
Correspondence**



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

February 12, 2008

File Ref: 1600

Mr. Greg Failey, Environmental Manager
General Mitchell International Airport
5300 S Howell Ave.
Milwaukee, WI 53207-6189

Dear Mr. Failey:

Thank you for the opportunity to comment on the General Mitchell International Airport (GMIA) Runway Safety Area Improvements Environmental Assessment, Milwaukee County, Wisconsin. The Environmental Assessment will consider construction projects to expand safety areas at the southern ends of Runways 1L/19R and 7R/25L. The Department, Milwaukee County, and the Department of Transportation – Bureau of Aeronautics work together during airport planning, design, and construction to develop projects that meet transportation needs and minimize adverse environmental impacts.

Please give thought to the following comments as you proceed with the Runway Safety Area Environmental Assessment:

Air Management

1. The Department concurs with the Federal Aviation Administrations determination the proposed General Mitchell International Airport Runway Safety Area improvements conform to the Wisconsin State Implementation Plan (SIP) for air quality.
2. The Environmental Assessment should briefly describe temporary construction air quality impacts and provide a general discussion of voluntary air quality construction mitigation best practices such as idling restrictions, use of ultra low sulfur diesel, and retrofitting off-road equipment with diesel emission control devices. The EPA Clean Construction USA website <http://www.epa.gov/otaq/diesel/construction/index.htm> provides information on reducing diesel emission impacts from construction.

Remediation and Redevelopment/Waste and Materials Management

1. Department databases can provide information about environmental contamination and waste management. A cursory review indicates hazardous substance releases have been reported and landfills are present near General Mitchell International Airport. The Department's Solid and Hazardous Waste Information Management System provides an on-line database of landfills, waste transporters, hazardous waste generation, and waste processing facilities. The database has links to information about spills, leaks, Superfund cleanups and other contaminated sites that have been identified and reported. The web address is <http://sotw.dnr.state.wi.us/sotw/Welcome.do> . Additional information is available at <http://dnr.wi.gov/org/aw/rr/gis/index.htm> .
2. Department approvals for *Contaminated Soil and Groundwater Cleanup, NR 700, Wis. Adm. Code* and *Exemption to Build on an Abandoned Landfill, NR 506.085, Wis. Adm. Code* may be needed for development at sites where contaminated soil and groundwater are present, historic fill sites, and licensed landfills. The

Department assesses potential methane gas, toxic gas, leachate, migratory pathways, and other factors when evaluating development proposals.

Land

1. Cudahy Woods Nature Preserve, located south of General Mitchell International Airport, is a state natural area with examples of the dry-mesic, lowland, and mesic forest communities that once covered most of Milwaukee County prior to European settlement. The Nature Preserve was developed with Land and Water Conservation Fund (LWCF) Act grants. Milwaukee County would need to consult with the Department and implement a Section 6(f) LWCF Act conversion process to convert any of the Cudahy Woods Nature Preserve to uses other than outdoor public recreation.
2. cursory screening indicates that archeological and historical structures are present in the General Mitchell International Airport area. The Department recommends that the plan consider these structures. You may contact Wendy Hottenstein, Wisconsin Department of Transportation – Bureau of Aeronautics (608) 261-6278 for more information about archeological and historical structures.
3. 6th St, College Ave., Howell Ave., and Layton Ave. are on-street bike routes.

Endangered Resources

The proposed Runway Safety Areas will not affect state threatened or endangered species. However, state threatened Butler's Gartersnake *Thamnophis butleri* and state endangered Bluestem Goldenrod *Solidago caesia* plant species do occur near General Mitchell International Airport. Construction access and staging areas should avoid wetlands, waterways, the Cudahy Woods Nature Preserve, and other sensitive environmental areas. Contact me if there are changes to the proposed Runway Safety Areas.

Water

1. General Mitchell International Airport is located in the Milwaukee River basin. An overview report of land and water resource quality for the Milwaukee River basin is available at http://dnr.wi.gov/org/gmu/milw/milwaukee_801.pdf.
2. The proposed Runway Safety Areas are not expected to impact wetlands or waterways. However, cursory map review indicates navigable waterways and wetlands are present in the general area surrounding General Mitchell International Airport. Verify during project design that wetlands and waterways will not be impacted. Contact me if there are impacts to public waters. The Wisconsin Department of Transportation – Bureau of Aeronautics coordinates with the Department during project planning, design, and construction to minimize water quality and wetland impacts that can not be avoided. The Bureau of Aeronautics follows the Wisconsin Department of Transportation Wetland Mitigation Banking Technical Guidelines, 2002 to mitigate unavoidable wetland impacts.
3. Stormwater management facilities should be designed to TRANS 401 Wisconsin Administrative Code standards and coordinated with Milwaukee Metropolitan Sewerage District (MMSD), City of Milwaukee, Cudahy, and Oak Creek stormwater facility planning.
4. General Mitchell International Airport has a Wisconsin Pollutant Discharge Elimination System (WPDES) industrial wastewater discharge permit. Contact Ted Bosch, Wastewater Engineer (414) 263-8623 for details about the permit.

Additional Information

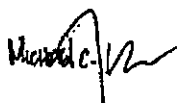
1. Please use the Department's Bureau of Technology Services website <http://dnr.wi.gov/maps/gis/geolibrary.html> to browse Geographic Information Systems (GIS) data. SEWRPC <http://www.sewrpc.org/> also provides GIS data.

2. The General Mitchell International Airport Master Plan Update and the Milwaukee County Department of Public Works – Wisconsin Department of Transportation Reconstruction of East College Avenue (CTH “ZZ”) from South Howell Avenue (STH 38) to South Pennsylvania Avenue (STH 794) projects are active in this area.

Closing

Thanks again for the opportunity to provide initial review comments on the General Mitchell International Airport Runway Safety Area Environmental Assessment. I am available at (414) 263-8648 to discuss the Department’s recommendations and to provide additional information. I would be glad to speak or meet with you.

Sincerely,



Michael C. Thompson
Environmental Analysis and Review Team Supervisor

cc: Ms. Laura Morland, Mead & Hunt Inc., 6501 Watts Road, Madison, WI 53719-2700
Mr. Joseph Wiczorek, Milwaukee County Department of Public Works, 2711 W Wells St., Milwaukee, WI 53208
Mr. Ken Yunker, Southeastern Wisconsin Regional Planning Commission, W239N1812 Rockwood Dr., PO Box 1607, Waukesha, WI 53187-1607
Ms. Wendy Hottenstein, DOT BOA Madison
Mike Friedlander, DNR Madison
Tom Blotz, DNR Milwaukee
Ted Bosch, DNR Milwaukee
Cameron Bump, DNR Madison



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June 13, 2006

Mr. Greg Failey
Airport Environmental Manager
General Mitchell International Airport
5300 South Howell Avenue
Milwaukee, WI 53207-6189

Subject: Final Case Closure for the GMIA 6th Street Properties, 5607-5727 South 6th Street,
Milwaukee, WI

FID: 241527110
BRRTS: 02-41-540633

Dear Mr. Failey:

On June 3, 2006, Senate Bill 546 effectively changed the way the Wisconsin Department of Natural Resources ("the Department") addresses residual contamination in soil by not relying on deed restrictions for final closure, but instead by utilizing detailed closure letters of site conditions at the time of case closure and through the registration of the contamination on the Department's GIS Registry of Closed Remediation Sites. The Department reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. Based on the correspondence and data provided, it appears that your case has been remediated to Department standards in accordance with s. NR 726.05, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time.

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which the current property owner and any subsequent property owners must adhere. 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. It is the Department's intent to conduct inspections in the future to ensure that the conditions included in this letter including compliance with referenced maintenance plans are met.

Pursuant to s. 292.12(2)(a), Wis. Stats., the pavement and soil cover that currently exists in the locations shown on the attached map, as shown as Figure A2, shall be maintained in compliance with the attached "Pavement Cover and Building Barrier Maintenance Plan" in order to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health, in compliance with the Remedial action Plan dated February 11, 2002 and subsequent correspondence dated August 15 and August 16, 2002 that was submitted to the Department by Milwaukee County, as required by section NR 724.13(2), Wisconsin Administrative Code (October 1999). 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 would be 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 following activities are prohibited on any portion of the property where pavement and soil cover is required as shown on the attached map, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources:

- 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.

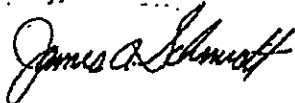
Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If your 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://www.dnr.state.wi.us/org/water/dwg/3300254.pdf>, or at the web address listed above for the GIS Registry.

ERP Activity Numbers

The Department's February 2, 2005, letter explained that the four acquired properties by Milwaukee County consisting of Veterans Park (02-41-198767), Pinczkowski Property (02-41-271454), Lake Auto Parts (02-41-169373), and U-Pull-A-Part (02-41-292742) had been combined into one property and listed on the Department's tracking system as activity 02-41-540633. All four properties have now been listed as "activity closed" with appropriate comments linking these sites with the current activity number, as of the date of this letter.

The Department appreciates the actions you have taken to investigate and remediate the contamination at this site. If you have any questions or comments, please feel free to contact me at the above address or at (414) 263-8644. Please refer to the FID number at the top of this letter in any future correspondence. Future correspondence should be sent directly to the Remediation and Redevelopment Program Assistant Vicky Stovall (414-263-8688) at the above address.

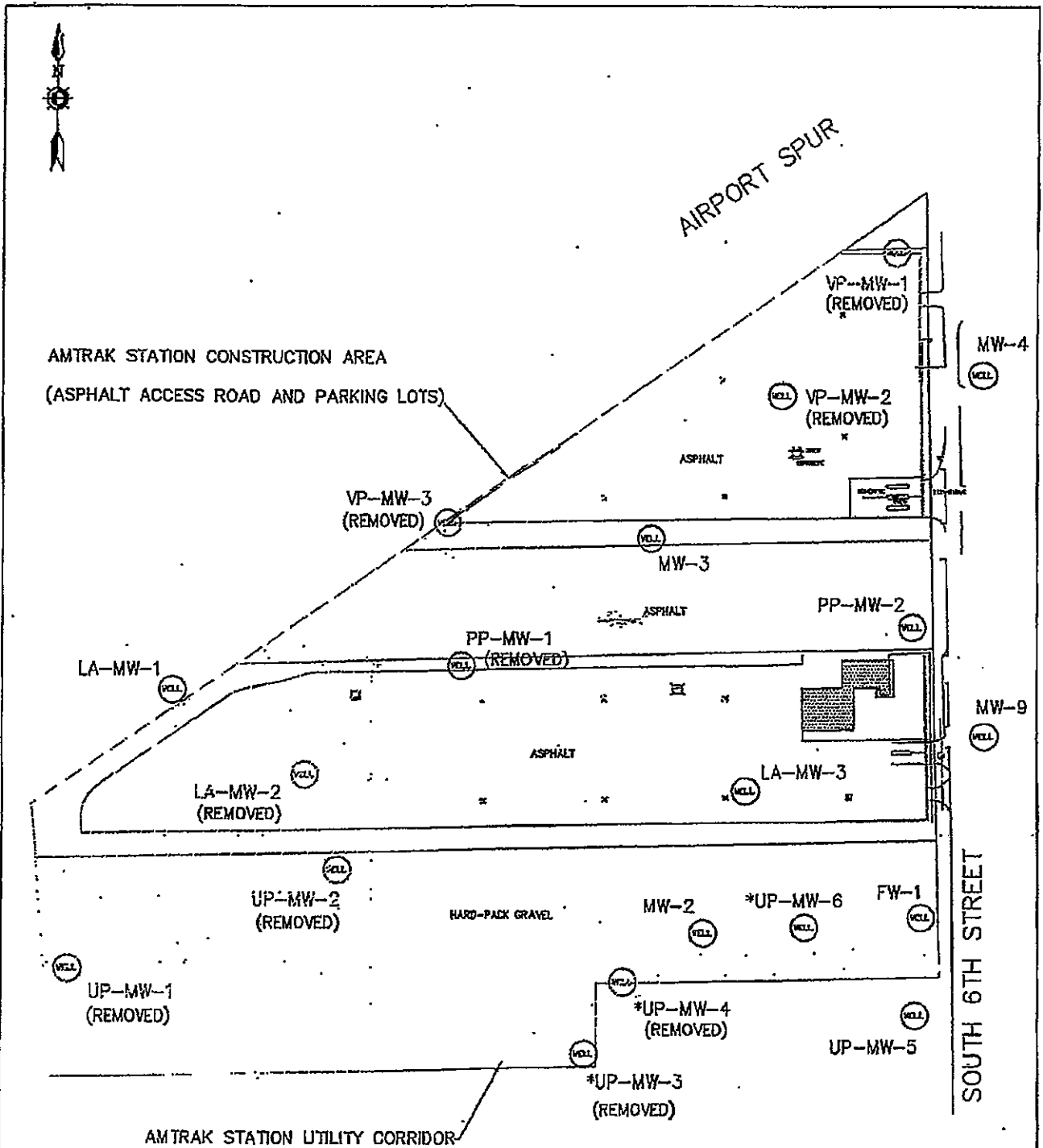
Sincerely,



James A. Schmidt
Southeast Region
Remediation and Redevelopment Team Supervisor

Enclosures: Site Plan Map, Figure A2
Pavement Cover and Building Barrier Maintenance Plan

C: Tim Detzer, Dept of Public Works, Milwaukee County
Linda Fellenz, Kapur & Associates
WDNR SER Files



- ⊙ UP-MW-1 = GROUNDWATER MONITORING WELL
- ⊙ *UP-MW-1 = GROUNDWATER & GAS VAPOR MONITORING WELL

SITE PLAN VIEW

**FIGURE
A2**

| | | | |
|---------------|-----------------|--|---------------------------|
| | | GMIA - 6TH STREET PROPERTIES SOUTH 6TH STREET, MILWAUKEE, WISCONSIN | |
| DRAWN BY: TWP | CHECKED BY: LIF | APPROVED BY: LIF | PROJECT NUMBER: 00132-221 |
| | | DATE: 08/27/03 | SCALE: 1" = 200' |

PAVEMENT COVER AND BUILDING BARRIER MAINTENANCE PLAN

October 28, 2005

Property Located at:

5607-5727 South 6th Street.

FID # 241527110, WDNR BRRTS # 02-41-540633

5607 S. 6th Street:

LANDS IN NW ¼ SEC 32-6-22

COM 880.89' S & 33' W OF NE COR SD ¼ SEC-TH W 774.32'M/L-TH NE 540'M/L-TH E 310'M/L-TH S 296.73'M/L TO BEG.

5617 S. 6th Street:

LANDS IN NW ¼ SEC 32-6-22

COM 880.89' S & 807.32'M/L W OF NE COR SD ¼ SEC-TH E 774.32'M/L-TH S 159.91'-TH W 1018.78'M/L-TH NELY TO BEG.

5675 S. 6th Street:

LANDS IN NW ¼ SEC 32-6-22

COM E LI & 1040.80' S OF NE COR SD ¼ SEC-TH S 280.53'-TH W 1338.30'-TH NWLY 280.63'-TH E 1356.78' TO BEG EXC (E 33' FOR ST & THAT PART LYING NWLY OF PUB HI-WAY LI BEING DESC AS COM INTER OF N LI OF S ½ OF SD ¼ SEC & 100' E OF WLY LI OF CMSTP&P RR-TH NELY 1757.906' TO A PT IN E LI & 350' S OF NE COR OF SD ¼ SEC).

5727 S. 6th Street

LANDS IN NW ¼ SEC 32-6-22

N 461.58' M/L OF S 1321.73' M/L LYING E OF ROW EXC (S 144' OF E 190' & THAT PART COM 1004.21' N OF SE COR SD ¼ SEC-TH N 119.19'-TH W & PAR TO S LI SD ¼ SEC 530'-TH S 119.29'-TH W TO A PT IN ELY LI C M ST P & P RR ROW-TH SLY ALG SD LI TO A PT IN S LI N 28 ACRES SD ¼ SEC-TH E ALG SD LI TO A PT 190' W OF E LI SD ¼ SEC-TH N 144'-TH E 190' TO BEG) & E 33' FOR ST.] [TAX #]

6719988110, 6719987100, 6719986100, 6719976200

Parcel Identification Number (PIN)

Introduction

This document is the Maintenance Plan for a pavement cover and building barrier at the above-referenced property in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing [slab on grade] building and other paved surfaces occupying the area over the contaminated soil on-site. The contaminated soil is impacted by Polynuclear Aromatic Hydrocarbon

(PAH), Arsenic, and Lead. The location of the paved surfaces and building to be maintained in accordance with this Maintenance Plan, as well as the impacted soil are identified in the attached map, Exhibit A.

Cover and Building Barrier Purpose

The paved surfaces and the building foundation over the contaminated soil serve as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health. These paved surfaces and building foundation 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, the barrier should function as intended unless disturbed.

Annual Inspection

The paved surfaces and building foundation overlying the contaminated soil and as depicted in Exhibit A will be inspected once a year, normally in the spring after all snow and ice is gone, for deterioration, cracks and other potential problems that can cause additional infiltration into underlying soils. The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age and other factors. Any area where soils have become or are likely to become exposed will be documented. A log of the inspections and any repairs will be maintained by the property owner and is included as Exhibit B, Cap Inspection Log. The log will include recommendations for necessary repair of any areas where underlying soils are exposed. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log will be sent to the Wisconsin Department of Natural Resources ("WDNR") at least annually after every inspection.

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 can include patching and filling operations or they can include larger resurfacing or construction operations. In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers of the direct contact exposure hazard and provide them with appropriate personal protection equipment ("PPE"). The owner must also sample any soil that is excavated from the site prior to disposal to ascertain if contamination remains. The soil must be treated, stored and disposed of by the owner in accordance with applicable local, state and federal law.

In the event the paved surfaces and/or the building overlying the contaminated soil are removed or replaced, the replacement barrier must be equally impervious. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the WDNR or its successor.

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

Amendment or Withdrawal of Maintenance Plan

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

Contact Information November 2005

Site Owner and Operator: Milwaukee County -

Mr. Greg Failey
General Mitchell International Airport
5300 South Howell Avenue
Milwaukee, WI 53207-6189
(414)

Mr. Timothy Detzer
2711 W. Wells Street, 2nd Floor
Milwaukee, WI 53208
(414) 278-2988

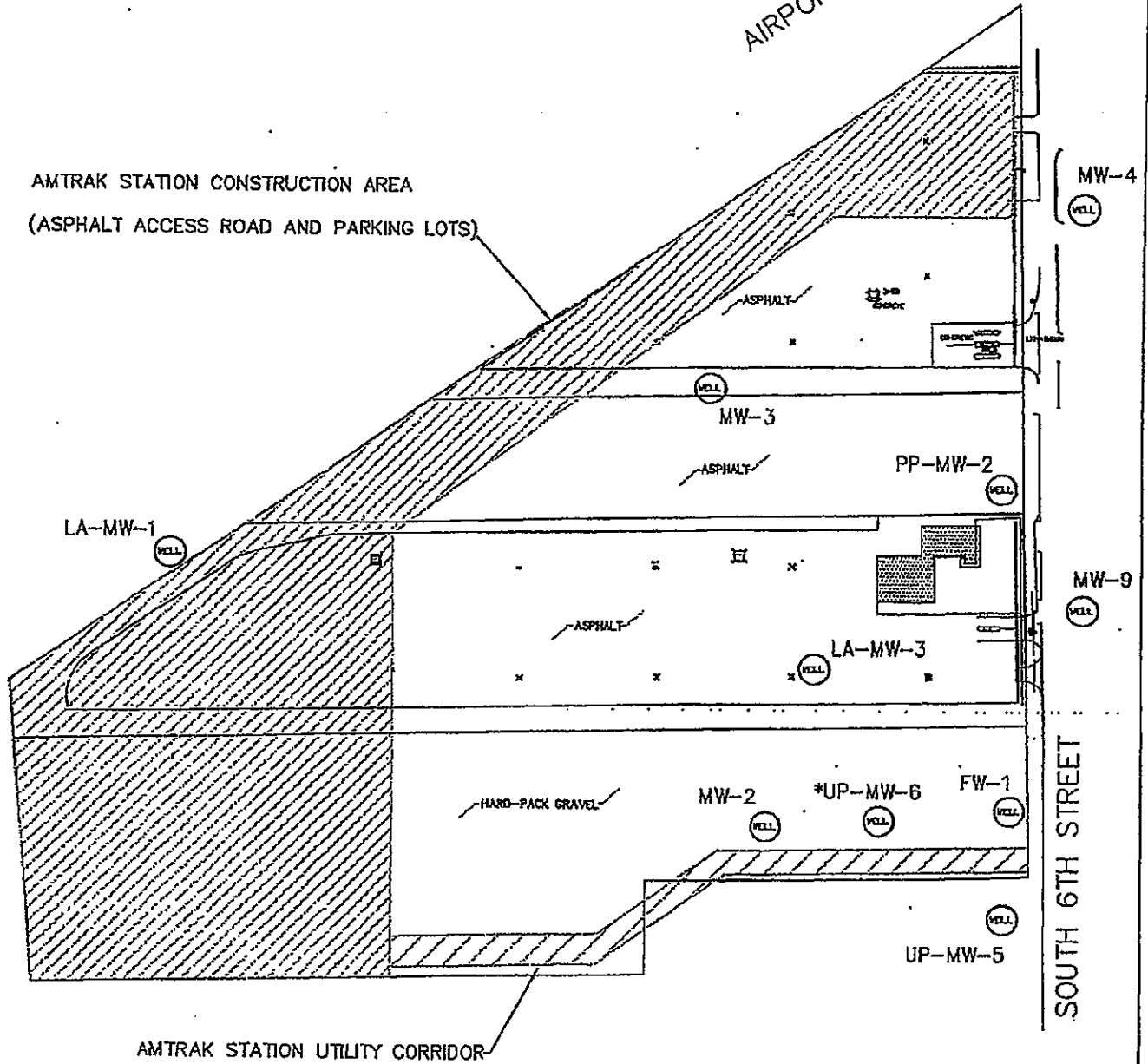
Consultant: Kapur & Associates, Inc
7711 N. Port Washington Road
Milwaukee, WI 53217
(414) 351-6668

WDNR: Mr. John Hnat
Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, WI 53212-3128
(414) 263-8644



AIRPORT SPUR

AMTRAK STATION CONSTRUCTION AREA
(ASPHALT ACCESS ROAD AND PARKING LOTS)



- ⊙(WELL) UP-MW-1 = GROUNDWATER MONITORING WELL
- ⊙(WELL) *UP-MW-1 = GROUNDWATER & GAS VAPOR MONITORING WELL

SITE PLAN VIEW-PAVEMENT COVER MAP

EXHIBIT
A



KAPUR & ASSOCIATES, INC.
CONSULTING ENGINEERS
MILWAUKEE, WISCONSIN
414.351.6668

GMIA - 6TH STREET PROPERTIES
SOUTH 6TH STREET, MILWAUKEE, WISCONSIN

DRAWN BY: TUD

CHECKED BY: KC

APPROVED BY: KC

PROJECT NUMBER: 00123 221

DATE: 08/27/03

SCALE: 1" = 200'

EXHIBIT B

BARRIER INSPECTION LOG

| Inspection Date | Inspector | Condition of Cap | Recommendations | Have Recommendations from previous inspection been implemented? |
|-----------------|-----------|------------------|-----------------|---|
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