GIS REGISTRY INFORMATION

	SITE NAME: <u>General Mitchell</u> Internat'l Airport	
	BRRTS#: 03-41-005/89 FID#(if appropriate): 24/280270	\neg
	COMMERCE # (if appropriate): 53207 - 6156 - 01	
	CLOSURE DATE: 2-7-05 9-7-05	_
	STREET ADDRESS: 5300 S. Howell Ave.	_
	CITY: Milwankee	_
	SOURCE PROPERTY GPS COORDINATES (meters in	_
	WTM91 projection): $x = \frac{\sqrt{90973}}{\sqrt{90973}} = \sqrt{9$	-
	CONTAMINATED MEDIA: Groundwater Soil Both	X
	OFF-SOURCE GW CONTAMINATION >ES:	
	IF YES, STREET ADDRESS 1:	
	GPS COORDINATES (meters in WTM91 projection): X= Y=	-
	OFF-SOURCE SOIL CONTAMINATION > Generic or Site- Specific RCL (SSRCL): Yes	
	IF YES, STREET ADDRESS 1:	
	GPS COORDINATES (meters in WTM91 projection): X= Y=	-
	CONTAMINATION IN RIGHT OF WAY:	_
	DOCUMENTS NEEDED:	
	Closure Letter, and any conditional closure letter issued	
	Copy of most recent deed, including legal description, for all affected properties	
		1/4
(Certified survey map or relevant portion of the recorded plat map (<i>if referenced in the legal description</i>) for all affected properties County Parcel ID number, <i>if used for county</i> , for all affected properties	NA
	-ocation Map which outlines all properties within contaminated site boundaries on USCS tocomorbic and a second site.	M
	potable wells within 1200' of the site.	
[Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This may shall also show the leasting of all papers.	\Box
r	elation to the source property and in relation to the boundaries of groundwater contaminated public streets, highway and railroad rights-of-way in	14
	h. NR 720 generic or SSRCLs. ables of Latest Groundwater Analytical Results (no shading or cross-hatching)	
7	ables of Latest Soil Analytical Results (no shading or cross-hatching)	NA
l	soconcentration map(s), if required for site investigation (SI) (8.5x14" if paper copy). The isoconcentration map should have flow direction and xtent of groundwater contamination defined. If not available, include the latest extent of contaminant plume map.	H
	W: Table of water level elevations, with sampling dates, and free product noted if present	النا
•	W: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is reater than 20 degrees)	NA NA
5	SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	
G	eologic cross-sections, if required for SI. (8.5x14' if paper copy)	N/A
R	P certified statement that legal descriptions are complete and accurate	17
	opies of off-source notification letters (if applicable)	NA
L	etter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	NA
U	opy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure	1



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor Scott Hassett, Secretary Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters 2300 N. Dr. Martin Luther King, Jr. Drive Milwaukee, Wisconsin 53212-0436 Telephone 414-263-8500 FAX 414-263-8606 **TTY 711**

September 7, 2005

Mr. Tim Detzer Milwaukee County Dept. of Public Works 2711 West Wells St. Milwaukee, WI 53208

FID# 241280270 BRRTS# 03-41-005189

Subject: Final Case Closure for General Mitchell International Airport - Old Fuel Farm, 5300 South Howell Ave., Milwaukee

Dear Mr. Detzer:

On February 7, 2005, the Wisconsin Department of Natural Resources (Department) notified you that conditional closure was granted to this case. These conditions were the abandonment of monitoring wells, waste disposal, recording of a deed restriction and receipt of missing GIS registry information. On September 7, 2005, the Department received correspondence indicating that you have complied with the conditions of closure. 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, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

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 registry. To review the sites on the GIS Registry web page, visit http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm

Please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (414) 263-8366.

Sincerely,

Brenda H. Boyce, PG

Hydrogeologist

Bureau for Remediation & Redevelopment

Linda Fellenz - Kapur & Associates, Inc.



c:



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor Scott Hassett, Secretary Gloria L. McCutcheon, Regional Director Southeast Region Headquarters 2300 N. Dr. Martin Luther King, Jr. Drive Milwaukee, Wisconsin 53212-0436 Telephone 414-263-8500 FAX 414-263-8606

February 7, 2005

Mr. Tim Detzer Milwaukee County Dept. of Public Works 2711 West Wells St. Milwaukee, WI 53208

FID# 241280270 BRRTS# 03-41-005189

Subject: Conditional Case Closure for General Mitchell International Airport - Old Fuel Farm, 5300 South Howell Ave.. Milwaukee

Dear Mr. Detzer:

The Wisconsin Department of Natural Resources (Department) received the additional information to complete our review of your request for closure of the case described above on January 19, 2005. The Department reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the Department has determined that the petroleum contamination on the site from the former underground storage tank (UST) systems appears to have been investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following conditions are satisfied:

- The monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to Ms. Victoria Stovall on Form 3300-5B found at www.dnr.state.wi.us/org/water/dwg/gw/ or provided by the Department of Natural Resources.
- Any remaining waste (purge water, drilling spoil, and/or soil piles) generated as part of site
 investigation or remediation activities must be removed from the site and disposed of or treated in
 accordance with Department of Natural Resources' rules. Please send a letter advising me that any
 remaining waste and/or soil piles have been removed once that work is completed.
- The remaining items to complete the soil GIS packet must be received by the Department. These items are: a copy of the certified surveyed map, parcel ID number and the statement signed by the responsible party, which states that the legal descriptions attached to the statement are complete and accurate.
- The Department requires a deed restriction be signed and recorded to address the issue of the remaining soil contamination associated with the site. The purpose of the restriction is to maintain a surface barrier over the remaining soil contamination to prevent it from impacting human health and the environment, and/or require that the owner of the property investigate the degree and extent of residual contamination that is currently inaccessible, if structural impediments that currently exist on the property are removed.



You will need to submit a draft deed restriction and cap maintenance plan to me before the document is signed and recorded. You may find a model deed restriction enclosed for your use or visit our web site at www.dnr.state.wi.us/org/rr. To assist us in our review of the deed restriction, you should submit a copy of the property deed to me along with the draft document. After the Department of Natural Resources has reviewed the draft document for completeness, you should sign it if you own the property, or have the appropriate property owner sign it, and have it recorded by the Milwaukee County Register of Deeds. Then submit a copy of the recorded document, with the recording information stamped on it, to me. Please be aware that if a deed restriction is recorded for the wrong property because of an inaccurate legal description that you have provided, you will be responsible for recording corrected documents at the Register of Deeds Office to correct the problem.

When the above conditions have been satisfied, please submit a letter to let me know that applicable conditions have been met, and your case will be closed. 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 registry. To review the sites on the GIS Registry web page, visit http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm

Recent groundwater monitoring data at this site indicates exceedances of the NR 140 preventive action limit (PAL) for benzene, benzo(a)pyrene, benzo(b)fluoranthene and chrysene at MW-6R, but compliance with the NR 140 enforcement standard. The Department may grant an exemption to a PAL for a substance of public health concern, other than nitrate, pursuant to s. NR 140.28(2)(b), Wis. Adm. Code, if all of the following criteria are met:

- 1. The measured or anticipated increase in the concentration of the substance will be minimized to the extent technically and economically feasible.
- 2. Compliance with the PAL is either not technically or economically feasible.
- 3. The enforcement standard for the substance will not be attained or exceeded at the point of standards application.
- 4. Any existing or projected increase in the concentration of the substance above the background concentration does not present a threat to public health or welfare.

Based on the information you provided, the Department believes that the above criteria have been or will be met based on the groundwater monitoring data. Therefore, pursuant to s. NR 140.28(2)(b), Wis. Adm. Code, an exemption to the PAL is granted for benzene, benzo(a)pyrene, benzo(b)fluoranthene and chrysene at MW-6R. This letter serves as your exemption.

If this is a PECFA site, section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

any questions regarding this fetter, please contact me at (414) 263-8366.

Sincerely,

Brenda H. Boyce, PG

Hydrogeologist

Bureau for Remediation & Redevelopment

c: Bill Phelps, DG/2

Linda Fellenz - Kapur & Associates, Inc.

Uhits indentitive, Made this 20 between Veronica H. Watry, of the	day of April , A.D., 19 41, Town of Lake, Milwaukee County, Wisconsin,
Wilvenbee County a municipal bo	part of the first part, and
Milwaukee County, a municipal bo	
at Milwaukee County, Wisconsin, party of th	
Bitnesseth, That the said party of One Dollar (\$1.00) and other go	the first part, for and in consideration of the sum of od and valuable considerations,
	e second part, the receipt whereof is hereby confessed and
	old, remised, released, aliened conveyed and confirmed, and
	remise, release, alien, convey and confirm unto the said party
of Milwaukee and State of Wisconsin.	er, the following described real estate, situated in the County to-wit:
Parcel A. The north seventeen of the south forty-one and thir west one-half (1/2) of the north	and ninety-six hundredths (17.96) acres ty-six hundredths (41.36) acres of the hwest one-quarter of section twenty-eight, y-two east (N.W. 1/4, Sec. 28, town 6
north, range 22 east) excepting and the north four (4) acres of and ninety-six hundredths (10.9	therefrom the south three (3) acres said north 17.96 acres, containing ten 6) acres of land.
Parcel B. The south four and e	ighty-six hundredths (4.86) scres of
one-half (1/2) of the northwest town six north, range twenty-tw	six hundredths (41.36) acres of the west one-quarter of section twenty-eight, o east (N.W. 1/4, Sec. 28, Town 6 North,
acres of the southwest 1/4 of s more particularly described as	and eighty-two one hundredths (22.82) ection 28, town 6 north, range 22 east, follows: Commencing at the northwest ing thence east on and along the north
line of said 1/4 section twenty hundredths (2672.19) feet to the thence south along the east line	-six hundred seventy-two and nineteen e northeast corner of said 1/4 section e of said 1/4 section three hundred ndredths (375.94) feet to a point,
thence west twenty-six hundred (2671.66) feet to a point in th north on and along the west lin seventy-eight and forty-two hun	seventy-one and sixty-six hundredths e west line of said 1/4 section, thence e of said 1/4 section three hundred dredths (378.42) feet to the point of o and eighty-two hundredths (22.82)
This deed is given in fulf	illment of a land contract between Milwaukeronica M. Watry, dated November 16, 1937.
Conteller with all and singular the hereditan	nents and appurtenances thereunto belonging or in any wise
appertaining; and all the estate, right, title, interest,	claim or demand whatsoever, of the said part. y of the
first part, either in law or equity, either in possession and their hereditaments and appurtenances.	n or expectancy of, in and to the above bargained premises
To have and to half the said promises as about	a deposition with the deal of
the said party of the second part, and to be second	e described with the hereditaments and appurtenances, unto
the said party of the second part, and to its success. And the said. Veronica M. Watry	
or herself, her heirs, executors and	d administrators, do
to and with the said party of the second part, its suc	cessors and assigns, that at the time of the encoding and
lelivery of these presents BDG 18 well	seized of the premises above described; as of a good our
perfect, absolute and indefeasible estate of inheritan	ce in the law, in fee simple, and that the same are free and
and that the above bargained premises in the quie	h and assessed

EREETER

J.00



DEPARTMENT OF PUBLIC WORKS

Milwaukee County

March 2, 2005

Brenda Boyce, PG Hydrogeologist Wisconsin Department of Natural Resources 2300 N MLK, Jr. Drive Milwaukee, WI 53212

RE: Attachment to Groundwater GIS Registry-Legal Description Statement

Dear Ms. Boyce:

This letter affirms that the legal description below is correct for the following:

General Mitchell International Airport- Old Fuel Farm 5300 South Howell Ave Milwaukee, WI BRRTS # 03-41-005189 Parcel I.D. # 640-9999-117

Legal description for petroleum contamination:

That part of the Southwest 1/4 of Section 28 Township 6 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, 4th Principal Meridian bounded and described as follows:

Commencing at a concrete monument with a brass cap marking the northeast corner of said Southwest 1/4 section; thence South 89°14'01" West 1271.84 feet along the north line of said southwest 1/4 section; thence South 0°45'59" East 997.56 feet perpendicular to said north line to a monitoring well labeled as MW-6R. Said monitoring well being the center of a 50 foot radius indicating the approximate extent of residual soil contamination exceeding the NR 720 residual contaminant levels.

All Bearings are referenced to the North Line of the Southwest 1/4 of Section 28 Township 6 North, Range 22 East, which Bears S89°14'01"W and is referenced to Grid North of the Wisconsin State Plan Coordinate System, South zone.

Petroleum contamination resides in SW1/4 SEC. 28-6-22 of the following:

LEGALS LANDS IN 1/4 SECS (NW & SW 27 & SE-SW-NE-NW 28 & NE 32 & NW DESCRIPTION 34 & SE-SW-NE-NW 33)-6-22

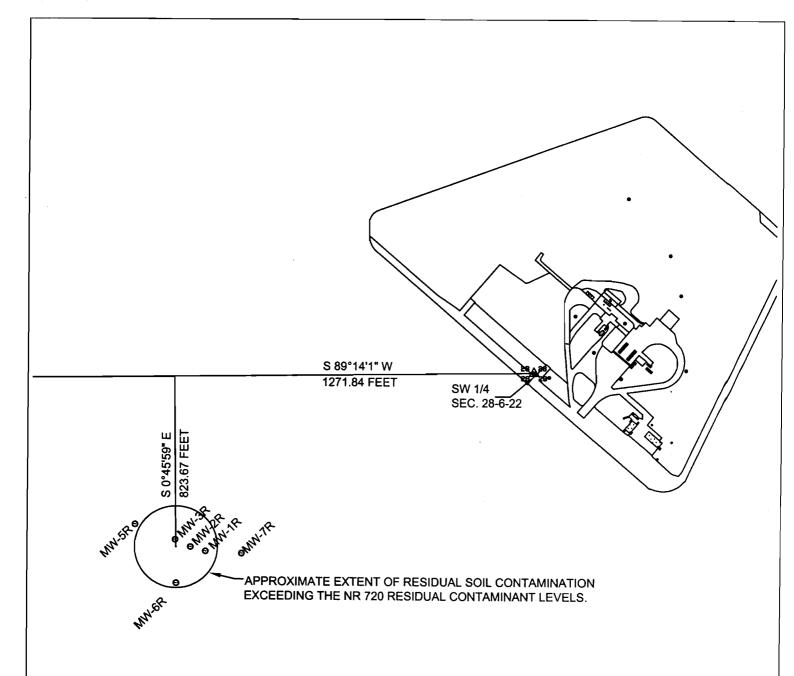
LANDS & SUBDS BETW (E LAYTON AV-CITY LIMITS LI-58.50 ACS M/L WIS STATE ARMORY BOARD LANDS IN NE 1/4 SEC 33 & NW 1/4 SEC 3 4-6-22-N & W LI SW 1/4 SEC 34-6-22-E COLLEGE AV-(S 528' OF E 660' & S 484' OF W 600' OF E 1320') SW 1/4 33-6-22 EXC ST-W LI SE 1/4 SEC 33-6-22-NW 1/4 SEC 33-6-22 EXC (S 330' OF E 660' & S 165' M/L OF W 1330' M/L & ST)-NE 1/4 SEC 32-6-22 EX C (S231' OF E 900' & E 23.50' M/L ON S LI OF W 56.50' OF S 231' & AIRPORT SPUR FREEWAY & STS) & E LI OF S HOWELL AV IN SW & NW 1/4 SECS 28-6-22

Sincerely,

Tim Detzer

Environmental Engineer

Milwaukee County - Environmental Services



That part of the Southwest 1/4 of Section 28 Township 6 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, 4th Principal Meridian bounded and described as follows:

Commencing at a concrete monument with a brass cap marking the northeast corner of said Southwest 1/4 section; thence South 89°14'01" West 1271.84 feet along the north line of said southwest 1/4 section; thence South 0°45'59" East 823.67 feet perpendicular to said north line to a point labeled as GPS-T4. Said point being the center of a 145 foot radius indicating the approximate extent of residual soil contamination exceeding the NR 720 residual contaminant levels.

All Bearings are referenced to the North Line of the Southwest 1/4 of Section 28 Township 6 North, Range 22 East, which Bears S89°14'01"W and is referenced to Grid North of the Wisconsin State Plan Coordinate System, South zone.

1 OF 1	JDWD 3800	GMIA OFF	1"=300'	ERIOR NO.	MILWAUKEE COUNTY DEPARTMENT OF PUBLIC WOR	KS
Fil.2 (30.	MEANINGS.	RESIDUAL SOIL CONTAMINANT PLUME	7-7-03	CHECKED BY	ENVIRONMENTAL SERVICES CHY CAMPUS 1741 W WELLS BY RESIDED PROOF MERALULES BY 188	Human Styres

DEED RESTRICTION

DOC.# 09075895

REGISTER'S OFFICE | SS Milwaukee County, WI|

RECORDED 08/25/2005 10:10AM

JOHN LA FAVE REGISTER OF DEEDS

AMOUNT: 19.00

Recording Area

Name and Return Address
TIM DETZER
2711 W. WELLS ST. #213
MILW AVKEE, W. S3208

6409999117

Parcel Identification Number

Declaration of Restrictions

In Re:

Legal Lands in ¼ Sections (NW & SW 27 SE-SW-NE-NW 28 & NE 32 & NW Description 34 & SE-SW-NE-NW 33)-6-22 Lands and SUBDS between (E Layton Ave – City Limits LI-58.50 ACS M/L Wisconsin State Armory Board Lands in NE ¼ Section 33 & NW ¼ Section 3 4-6-22-N & W LI SW ¼ Section 34-6-22-E College Ave – (S 528' of E 660' & S 484' of W 600' of E 1320') SW ¼ 33-6-22 EXC ST – W LI SE ¼ Section 33-6-22-NW ¼ Section 33-6-22 EXC (S 330' of E 660' & S 165' M/L of W 1330' M/L & ST)-NE ¼ Section 32-6-22 EXC (S231' of E 900' & E 23.50' M/L on S LI of W 56.50' of S 231' & Airport Spur Freeway & STS) & E LI of S Howell Ave in SW & NW ¼ Sections 28-6-22

STATE OF WISCONSIN)) ss COUNTY OF MILWAUKEE)

WHEREAS, Milwaukee County is the owner of the above-described property.

WHEREAS, one or more **Petroleum-related** discharges have occurred on this property, and as of **10/9/95**, **8/1/00**, and **6/5/03** when soil samples were collected on this property, **Petroleum-**contaminated soil remained on this property at the following location: **old fuel farm (see attached survey map and Figure A2)**.

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct further soil remediation activities on the property at the present time.

NOW THEREFORE, the owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

Structural impediments existing at the time of clean-up, roadway and parking structure, made complete remediation of the soil contamination, remaining at a depth of 7 to 15 feet below ground surface, on this property impracticable. If the structural impediments on this property that are described above are removed, the property owner shall conduct an investigation of the degree and extent of DRO, GRO, and VOC contamination. To the extent that contamination is found at that time, the Wisconsin Department of Natural Resources shall be immediately notified and the contamination shall be properly remediated in accordance with applicable statutes and rules. If currently

Revised January 11, 2005

inaccessible soil near or beneath the structural impediments on the property is excavated in the future, the soil must be sampled and analyzed, may be considered solid or hazardous waste if residual contamination remains and must be stored, treated and disposed in compliance with applicable statutes and rules.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by descent, devise, purchase or otherwise. This restriction inures to the benefit of and is enforceable by the Wisconsin Department of Natural Resources, its successors or assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon the receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restriction can be extinguished, an affidavit, attached to a copy of the Department's written determination, may be recorded by the property owner or other interested party to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

The legal description of the impacted area:

ALL THAT PART OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF THE SOUTHWEST 1/4 OF SECTION 28, IN TOWN 6 NORTH, RANGE 22 EAST, IN THE CITY OF MILWAUKEE, COUNTY OF MILWAUKEE, STATE OF WISCONSIN, 4TH PRINCIPAL MERIDIAN BOUNDED AND DESCRIBED AS FOLLOWS:

COMMENCING AT A CONCRETE MONUMENT WITH A BRASS CAP MARKING THE NORTHEAST CORNER OF SAID SOUTHWEST ¼ SECTION; RUNNING THENCE SOUTH 89°14'01" WEST 1271.84 FEET ALONG THE NORTH LINE OF SAID SOUTHWEST ¼ SECTION; THENCE SOUTH 0°45'59" EAST 823.67 FEET PERPENDICULAR TO SAID NORTH LINE TO A POINT LABELLED AS GPS-T4. SAID POINT BEING THE CENTER OF A 145 FOOT RADIUS INDICATING THE APPROXIMATE EXTENT OF RESIDUAL SOIL CONTAMINATION EXCEEDING THE NR 720 RESIDUAL CONTAMINANT LEVELS.

ALL BEARINGS ARE REFERENCED TO THE NORTH LINE OF THE SOUTHWEST ¼ OF SECTION 28, TOWNSHIP 6 NORTH, RANGE 22 EAST, WHICH BEARS 89°14'01"W AND IS REFERENCED TO GRID NORTH OF THE WISCONSIN STATE PLAN COORDINATE SYSTEM, SOUTH ZONE.

By signing this document, Scott Walker asserts that he or she is duly authorized

By signing this document, <u>Mark Ryan</u> asserts that he or she is duly authorized to sign this document on behalf of <u>Milwaukee County</u>.

Subscribed and sworn to before me

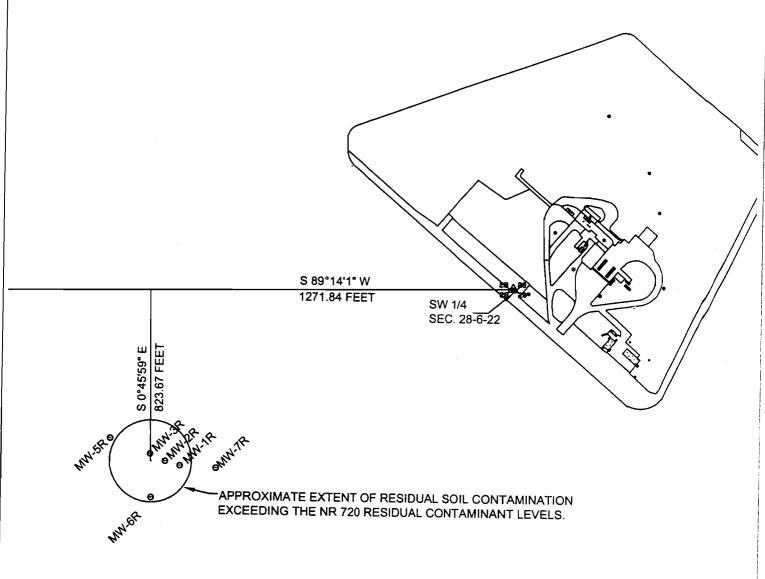
My commission

Printed Name

his 23 day of 7 ug, 2005

Motary Public, State of WI

This document was drafted by <u>Kapur & Associates nacutal</u> and on a model deed restriction provided by the Wisconsin Department of Natural Resources.



That part of the Southwest 1/4 of Section 28 Township 6 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, 4th Principal Meridian bounded and described as follows:

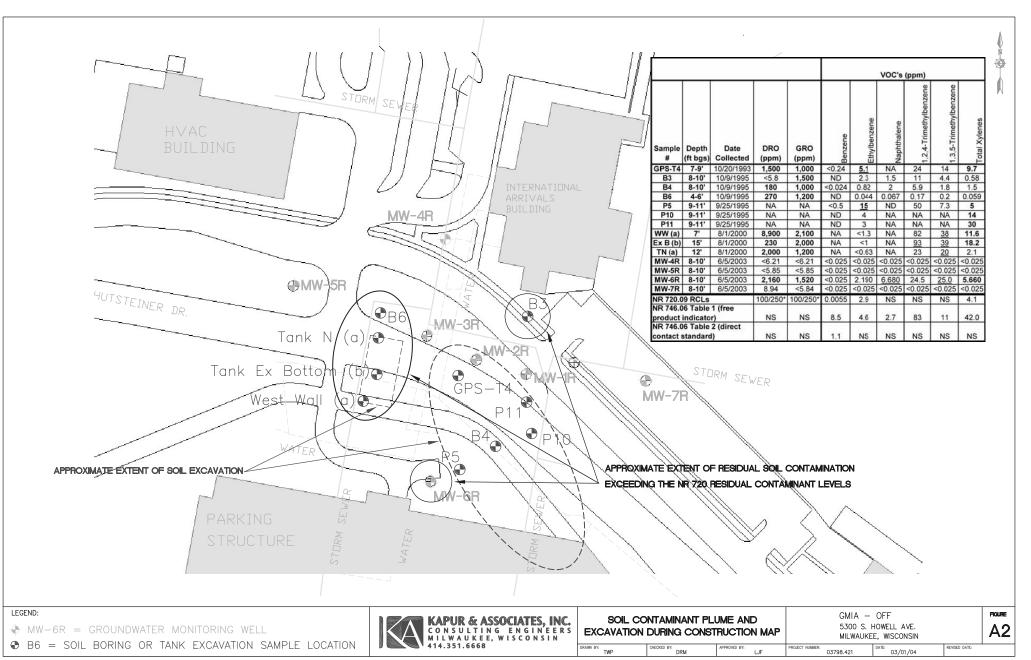
Commencing at a concrete monument with a brass cap marking the northeast corner of said Southwest 1/4 section; thence South 89°14′01" West 1271.84 feet along the north line of said southwest 1/4 section; thence South 0°45′59" East 823.67 feet perpendicular to said north line to a point labeled as GPS-T4. Said point being the center of a 145 foot radius indicating the approximate extent of residual soil contamination exceeding the NR 720 residual contaminant levels.

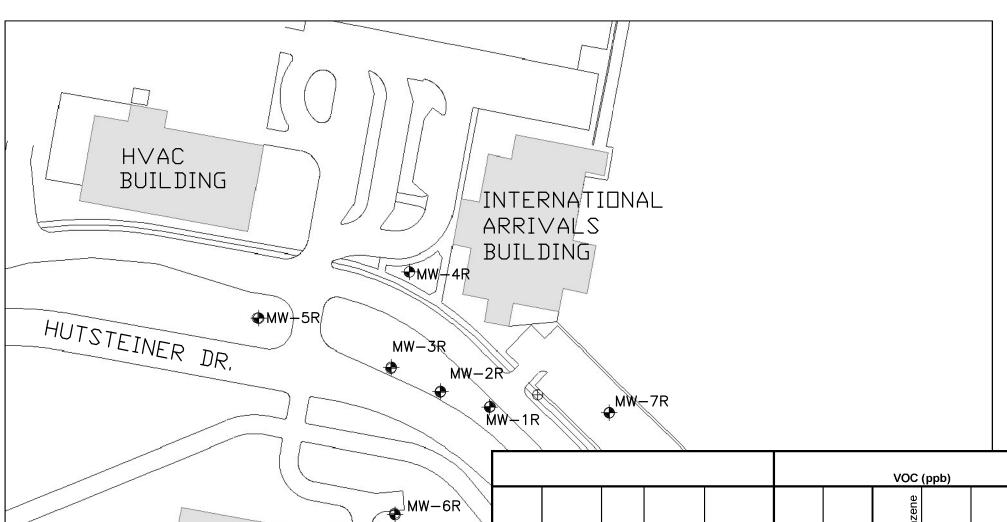
All Bearings are referenced to the North Line of the Southwest 1/4 of Section 28 Township 6 North, Range 22 East, which Bears S89°14'01"W and is referenced to Grid North of the Wisconsin State Plan Coordinate System, South zone.

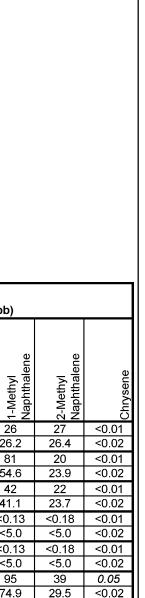
PUBLIC WORKS

AND

- 1	SPRINT NO.					
- 1		- PROBY #1	TREE GM A OFF	4201	DEARW ST.	
	1 OF 1	JOWD 38CO	GMIA - OFF	1,=300.		MILWAUKEE COUNTY DEPARTMENT OF
ĺ		INTERPORTS.	SURY MINISTERS	ALT'S	CHARLES AT	ARCHITECTURE, ENGINEERING
Ł			RESIDUAL SOIL CONTAMINA PLUME	747 127		ENVIRONMENTAL SERVICES
Į	Pida 4	<u> </u>				And the state of t







PARKING STRUCTURE

						VOC (ppb)						PAH (ppb)					
Sample #		Water Level (ft bgs)	Water Elevation (ft msl)	Date Collected	Benzene	MTBE	Isopropylbenzene	Methylene Chloride	n-Butylbenzene	n-Propylbenzene	Lead	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	1-Methyl Naphthalene	2-Methyl Naphthalene	Chrysene
	673.03	13.66	659.37	7/18/2003	<0.27	<0.39	21	2.6*	8.5	29	<1.5	<0.01	<0.01	<0.01	26	27	<0.01
MW-1R		14.0	659.03	1/21/2004	<0.5	<0.146	NA	NA	NA	NA	<5.0	<0.02	<0.02	0.36	26.2	26.4	<0.02
	674.2	14.91	659.29	7/18/2003	<0.27	<0.39	32	2.8*	17	55	<1.5	<0.01	<0.01	<0.01	81	20	<0.01
MW-2R		15.18	659.02	1/21/2004	<0.5	<0.146	NA	NA	NA	NA	<5.0	<0.02	<0.02	<0.10	54.6	23.9	<0.02
	674.51	15.26	659.25	7/18/2003	<0.27	<0.39	44	2.9*	19	67	<1.5	<0.01	<0.01	<0.01	42	22	<0.01
MW-3R		15.52	658.99	1/21/2004	<0.5	<0.146	NA	NA	NA	NA	<5.0	<0.02	<0.02	<0.10	41.1	23.7	<0.02
	671.01	14.68	656.33	7/18/2003	<0.27	<0.39	<0.33	2.8*	<0.36	<0.28	<1.5	<0.01	<0.01	<0.01	<0.13	<0.18	<0.01
MW-4R		14.95	656.06	1/21/2004	<0.5	0.345	NA	NA	NA	NA	<5.0	<0.02	<0.02	<0.10	<5.0	<5.0	<0.02
	672.53	13.41	659.12	7/18/2003	<0.27	<0.39	14	2.8*	<0.36	12	<1.5	<0.01	<0.01	<0.01	<0.13	<0.18	<0.01
MW-5R		13.67	658.86	1/21/2004	<0.5	<0.146	NA	NA	NA	NA	<5.0	<0.02	<0.02	<0.10	<5.0	<5.0	<0.02
	672.62	13.34	659.28	7/18/2003	<0.27	<0.39	50	2.6*	29	63	<1.5	0.03	0.03	<0.01	95	39	0.05
MW-6R		13.61	659.01	1/21/2004	0.8 4 9	<0.146	NA	NA	NA	NA	<5.0	<0.02	<0.02	<0.10	74.9	29.5	<0.02
1	671.44	11.9	659.54	7/18/2003	<0.27	<0.39	<0.33	2.8*	<0.36	<0.28	<1.5	<0.01	<0.01	<0.01	<0.13	<0.18	<0.01
MW-7R		12.24	659.20	1/21/2004	<0.5	1.87	NA	NA	NA	NA	<5.0	<0.02	<0.02	<0.10	<5.0	<5.0	<0.02
	NA	NA	NA	7/18/2003	<0.27	<0.39	<0.33	3.2*	<0.36	<0.28	NA	NA	NA	NA	NA	NA	NA
TRIP		NA	NA	7/18/2003	<0.5	<0.146	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NR 141 E	NR 141 Enforcement Standard (ES)					60	NS	5	NS	NS	15	0.2	0.2	NS	NS	NS	0.2
NR 141 Preventive Action Limit (PAL)					0.5	12	NS	0.5	NS	NS	1.5	0.02	0.02	NS	NS	NS	0.02

LEGEND:

 \bullet MW-6R = GROUNDWATER MONITORING WELL

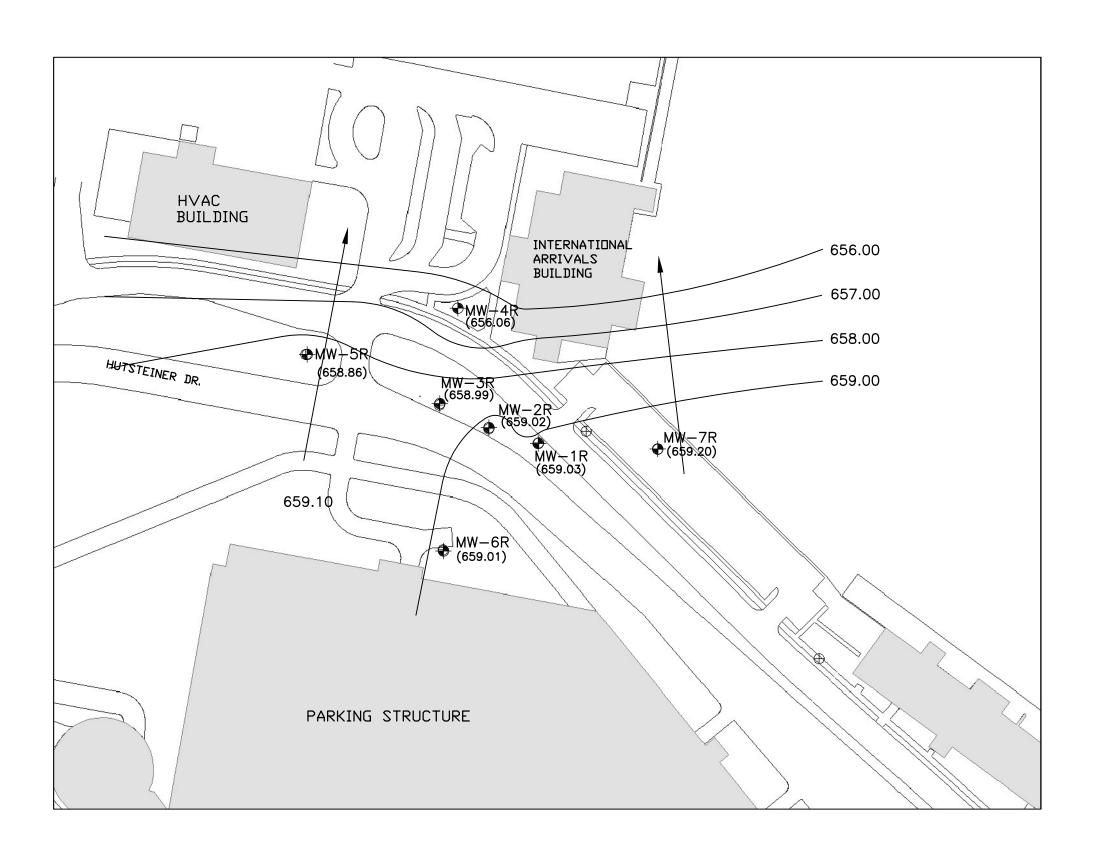


MONITORING WELL LOCATION AND GROUNDWATER SAMPLE RESULTS MAP

GMIA — OFF 5300 S. HOWELL AVE. MILWAUKEE, WISCONSIN

03/01/04

FIGURE 2





LEGEND:

♦ MW-6R = GROUNDWATER MONITORING WELL
659.20 / (659.53) = GROUNDWATER ELEVATION ABOVE MEAN SEA LEVEL



GROUNDWATER FLOW DIRECTION MAP

GMIA — OFF 5300 S. HOWELL AVE. MILWAUKEE, WISCONSIN FIGURE 3

REVISED DATE:

TWP CHECKED BY: APPROVED BY: PROJECT NUMBER: 03798.421 DATE: 03/01/04

