GIS REGISTRY
Cover Sheet

March, 2010
(RR 5367)

Source Property Information

CLOSURE DATE: Aug 31, 2010

BRRTS #: **02-41-555255**

FID #: 241306560

ACTIVITY NAME: CHECK FAMILY TRUST

DATCP #:

PROPERTY ADDRESS: 5317 W Burnham St

COMM #:

MUNICIPALITY: Milwaukee

PARCEL ID #: 474-0001-000

***WTM COORDINATES:**

X: **684641** Y: **283795**

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

WTM COORDINATES REPRESENT:

- (●) Approximate Center Of Contaminant Source
- ( ) Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

- [ ] Groundwater Contamination > ES *(236)*
  - [ ] Contamination in ROW
  - [ ] Off-Source Contamination

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

- [x] Soil Contamination > *RCL or **SSRCL *(232)*
  - [ ] Contamination in ROW
  - [ ] Off-Source Contamination

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

Land Use Controls:

- [x] N/A (*Not Applicable*)
- [ ] Soil: maintain industrial zoning *(220)*

  *(**note:** soil contamination concentrations between non-industrial and industrial levels)*
- [ ] Structural Impediment *(224)*
- [ ] Site Specific Condition *(228)*
- [ ] Cover or Barrier *(222)*

  *(**note:** maintenance plan for groundwater or direct contact)*
- [ ] Vapor Mitigation *(226)*
- [ ] Maintain Liability Exemption *(230)*

  *(**note:** local government unit or economic development corporation was directed to take a response action)*

Monitoring Wells:

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

( ) Yes ( ) No (●) N/A

** Residual Contaminant Level*
***Site Specific Residual Contaminant Level*

GIS Registry Checklist

Form 4400-245 (R 3/10)

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

NOTICE: Completion of this form is mandatory for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: 02-41-555255 PARCEL ID #: 474-0001-000

ACTIVITY NAME: CHECK FAMILY TRUST WTM COORDINATES: X: 684641 Y: 283795

CLOSURE DOCUMENTS (the Department adds these items to the final GIS packet for posting on the Registry)

- [x] **Closure Letter**
- [ ] **Maintenance Plan** (*if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.*)
- [ ] **Continuing Obligation Cover Letter** (for property owners affected by residual contamination and/or continuing obligations)
- [ ] **Conditional Closure Letter**
- [ ] **Certificate of Completion (COC)** (for VPLE sites)

SOURCE LEGAL DOCUMENTS

- [x] **Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
  Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*
- [x] **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

  Figure #: **Title:**
- [x] **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

MAPS (meeting the visual aid requirements of s. NR 716.15(2)(h))

Maps must be no larger than 11 x 17 inches unless the map is submitted electronically.

- [x] **Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
  Note: *Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*

  Figure #: 1 **Title: Site Location Map**
- [x] **Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: 2 **Title: Site Vicinity Layout**
- [x] **Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL)as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: 4 **Title: Extent of PAH Soil Contamination**

BRRTS #: 02-41-555255 ACTIVITY NAME: CHECK FAMILY TRUST

MAPS (continued)

☐ **Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

Figure #: **Title:**

Figure #: **Title:**

☐ **Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.
Note: *This is intended to show the total area of contaminated groundwater.*

Figure #: **Title:**

☐ **Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more then 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

Figure #: **Title:**

Figure #: **Title:**

TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))

Tables must be no larger than 11 x 17 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

☒ **Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.
Note: This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

Table #: 1-TH **Title: PAH Soil Analytical Results**

☐ **Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

Table #: **Title:**

☐ **Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

Table #: **Title:**

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.
Note: *If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.*

☐ **Not Applicable**

☐ **Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.
Note: *If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.*

Figure #: **Title:**

☐ **Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

☐ **Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

☐ **Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 02-41-555255 ACTIVITY NAME: CHECK FAMILY TRUST

NOTIFICATIONS

Source Property

☐ **Not Applicable**

☐ **Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

☐ **Not Applicable**

☐ **Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.
Note: *Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.*

Number of "Off-Source" Letters:

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.

☐ **Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies).** This does not apply to right-of-ways.
Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*

☐ **Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

Number of "Governmental Unit/Right-Of-Way Owner" Letters:

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

August 31, 2010

Mr. Arnold Check
2623 W. Lake Vista Ct.
Mequon, WI 5309

SUBJECT: Final Case Closure
Check Family Trust, 5317 W. Burnham St., West Allis, WI
Petroleum/polyaromatic hydrocarbons (PAHs) soil contamination – drum storage area
WDNR BRRTS Activity #: 02-41-555255 FID#241306560

Dear Mr. Check:

The Wisconsin Department of Natural Resources (Department) has reviewed a request for closure of the above-referenced case that was submitted on your behalf by Sentinel Environmental Services (Sentinel). The Department reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases.

Based on the correspondence and data provided, it appears that this case meets the closure requirements in ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time.

Please be aware that this case may be reopened pursuant to s. NR 726.09, Wisconsin Administrative 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.

GIS Registry

The conditions of case closure set out below in this letter require that this site 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

This letter and 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 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.

Residual Soil Contamination

Residual soil contamination remains in the location of the drum storage area as indicated on the attached map and in the information submitted to the Department of Natural Resources. If soil in the specific locations described above is excavated in the future, then pursuant to ch. NR 718 or, if applicable, ch. 289, Stats., and chs. 500 to 536, 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 standards 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 to prevent a direct contact health threat to humans.

Site investigation activities at the site included collection of groundwater samples from temporary, ch. NR 141 Wis. Adm. Code non-compliant monitoring wells TW-6 and TW-8. Laboratory analysis reported low level PAHs and metals in the groundwater, including arsenic, cadmium, chromium and lead at concentrations exceeding their ch. NR 140 Wis. Adm. Code preventive action limits. The majority of sample results were flagged by the laboratory as being estimated values. Since groundwater results from non-compliant monitoring wells may not reflect true groundwater conditions and based on the low reported concentrations, at this time the Department will not require additional investigation of groundwater at the locations of TW-6 and TW-8.

The Department appreciates the efforts you have taken to investigate/restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact me at (414) 263-8533.

Sincerely,

Nancy D. Ryan, Hydrogeologist
Bureau for Remediation & Redevelopment

Attachment

cc: SER case file
David Lennon, Sentinel Environmental Services

DOCUMENT NO. 104 25

STATE BAR OF WISCONSIN FORM 1 — 1982
WARRANTY DEED

REEL 2016 IMAGE 291

THIS SPACE RESERVED FOR RECORDING DATA

6003326

REGISTER'S OFFICE
Milwaukee County, WI } ss
RECORDED AT 9 AM
DEC 29 1986
REEL 2016 IMAGE 294
Deborah Bergeh
REGISTER OF DEEDS

This Deed, made between MWM Diesel, Inc., formerly known as MWM-Murphy Diesel Company, of Norcross, Georgia, Grantor,
and Arnold Check of Milwaukee, Wisconsin, Grantee,

Witnesseth, That the said Grantor, for a valuable consideration and one dollar conveys to Grantee the following described real estate in Milwaukee County, State of Wisconsin:

RETURN TO
Laura Baker
Goldberg & Rakin
[illegible]

TRANSFER
$ 1,275.00
FEE

Tax Parcel No: 474-0001

Lot 1, in Block 1 in Assessor's Plat No. 272, being a part of the South West 1/4 and South East 1/4 of Section 2, in Township 6 North, Range 21 East, in the City of West Allis, County of Milwaukee, State of Wisconsin.

6003326
RECORD 4.00
RTX 1275.00

This is not homestead property.
(is) (is not)

Together with all and singular the hereditaments and appurtenances thereunto belonging;
And Grantor warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except municipal and zoning ordinances, recorded easments for public utilities, recorded building and use restrictions and covenants, general taxes for 1986 and subsequent years
and will warrant and defend the same.

Dated this twelfth day of November, 19 86

(SEAL) MWM Diesel, Inc. (SEAL)
By: Carl D. Wilson
Carl D. Wilson, President
(SEAL) (SEAL)
Attest: Lajos Schmidt, Secretary

AUTHENTICATION

Signature(s)

authenticated this day of, 19

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
R. R. Dietrich/Baker & McKenzie
2900 Prudential Plaza
Chicago, Illinois 60601
(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN } ss.
County.

Personally came before me this 12TH day of November, 19 86 the above named Carol D. Wilson, President and Lajos Schmidt, Secretary of MWM Diesel, Inc.
to me known to be the persons who executed the foregoing instrument and acknowledged the same.

Linda Flemming
Notary Public Forsyth County, GA.
My Commission is permanent. (If not, state expiration date: Jan 1, 19 90.)

*Names of persons signing in any capacity should be typed or printed below their signatures.

Chicago Title Insurance Company

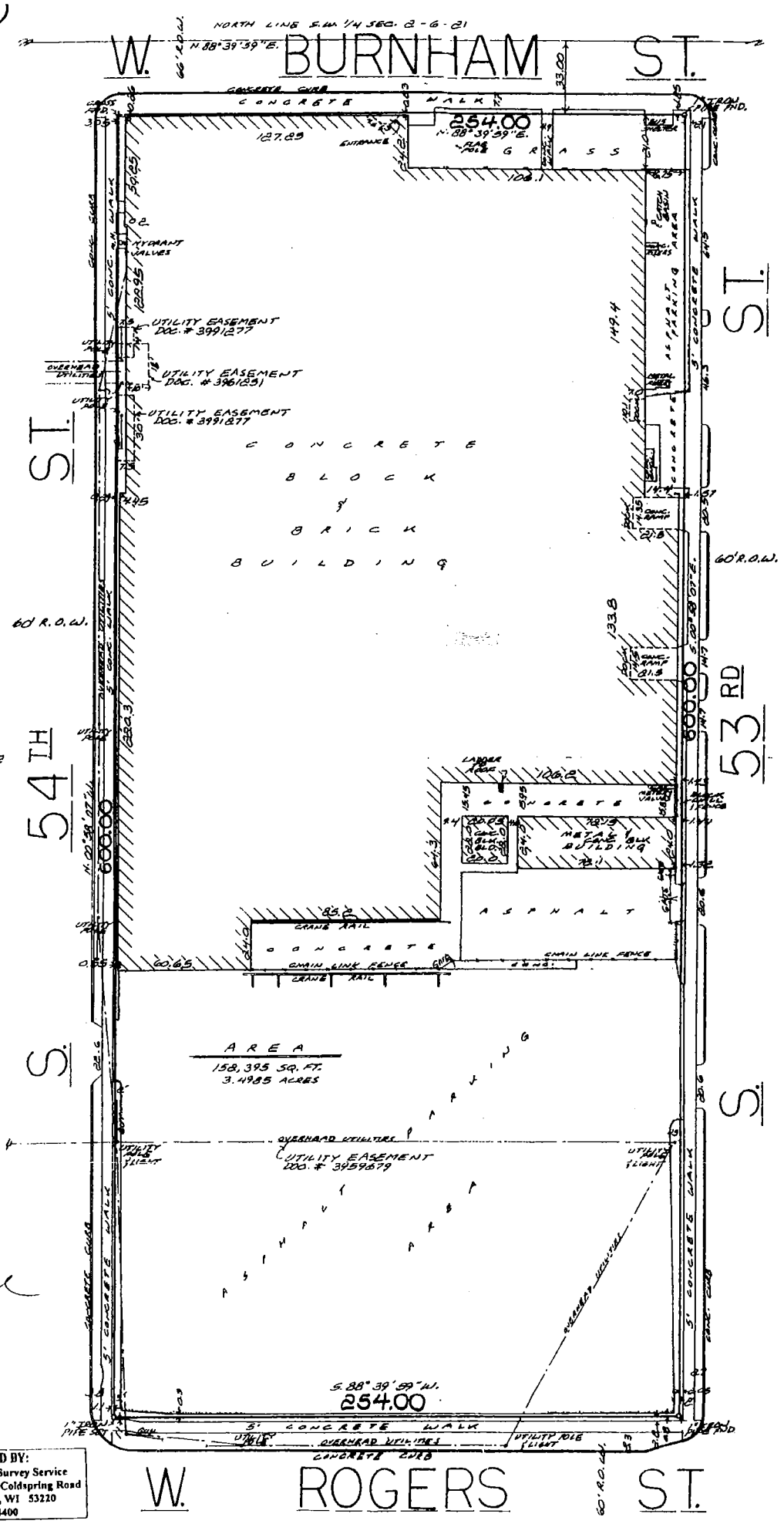
4.00

WARRANTY DEED STATE BAR OF WISCONSIN FORM No. 1 — 1982 Wisconsin Legal Blank Co. Inc.

ALTA/ACSM Land Title Survey

LOCATION OF PROPERTY: 5317 West Burnham Street
West Allis WI

DESCRIPTION OF PROPERTY:
Lot 1, in Block 1, in ASSESSOR'S PLAT NO. 272, being a part of the Southwest 1/4 and Southeast 1/4 of Section 2, in Township 6 North, Range 21 East, in the City of West Allis, County of Milwaukee, State of Wisconsin



SCALE: 1" = 30'

NOTES:
UTILITY EASEMENT DOC.#3031733 IS GENERAL IN NATURE AND NOT PLOTTABLE

To Arnold Check

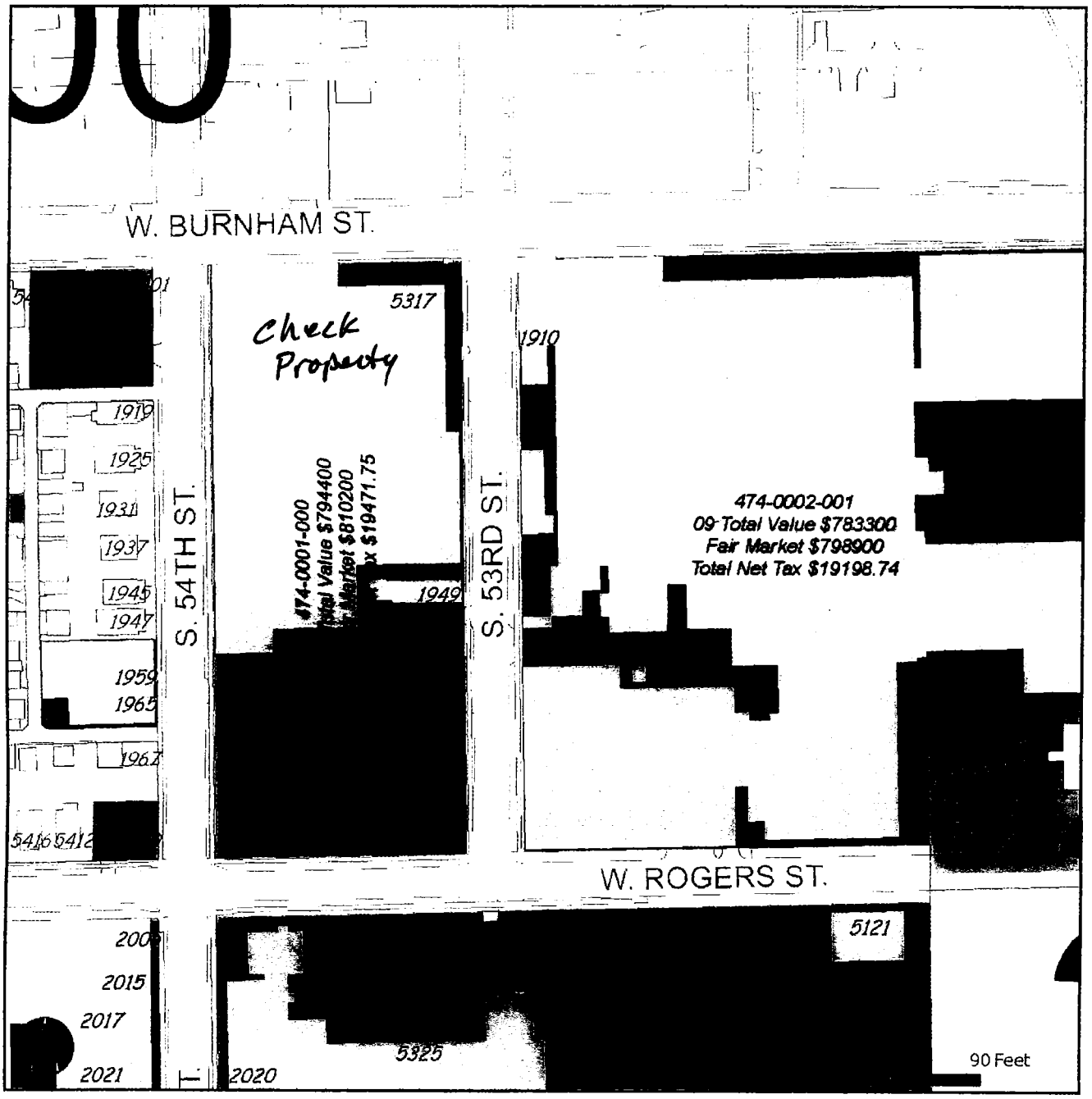
This is to certify that this map or plat and the survey on which it is based were made in accordance with the "Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys," jointly established and adopted by ALTA and NSPS in 2005. Pursuant to the Accuracy Standards as adopted by ALTA and NSPS and in effect on the date of this certification, undersigned further certifies that in my professional opinion, as a land surveyor registered in the State of Wisconsin, the Relative Positional Accuracy of this survey does not exceed that which is specified therein

August 24, 2009

James E. Sulkowski, RLS-1866

PREPARED BY:
Mortgage Survey Service
6617 West Coldspring Road
Greenfield, WI 53220
(414) 327-4400

Print Map



Curbs

City Structures

Structures

School Structures

Right of Way

Existing Land Use (continued)

- Commercial
- Industrial
- Institutional
- Mixed Use
- Parks and Open Spaces
- Transportation
- Utility

Minor Civil Divisions (continued)

- Franklin
- Glendale
- Greendale
- Greenfield
- Hales Corners
- Milwaukee

Minor Civil Divisions (continued)

- West Allis
- West Milwaukee
- Whitefish Bay

RE: Arnold Check Property
5317 W. Burnham St
West Allis, WI 53219

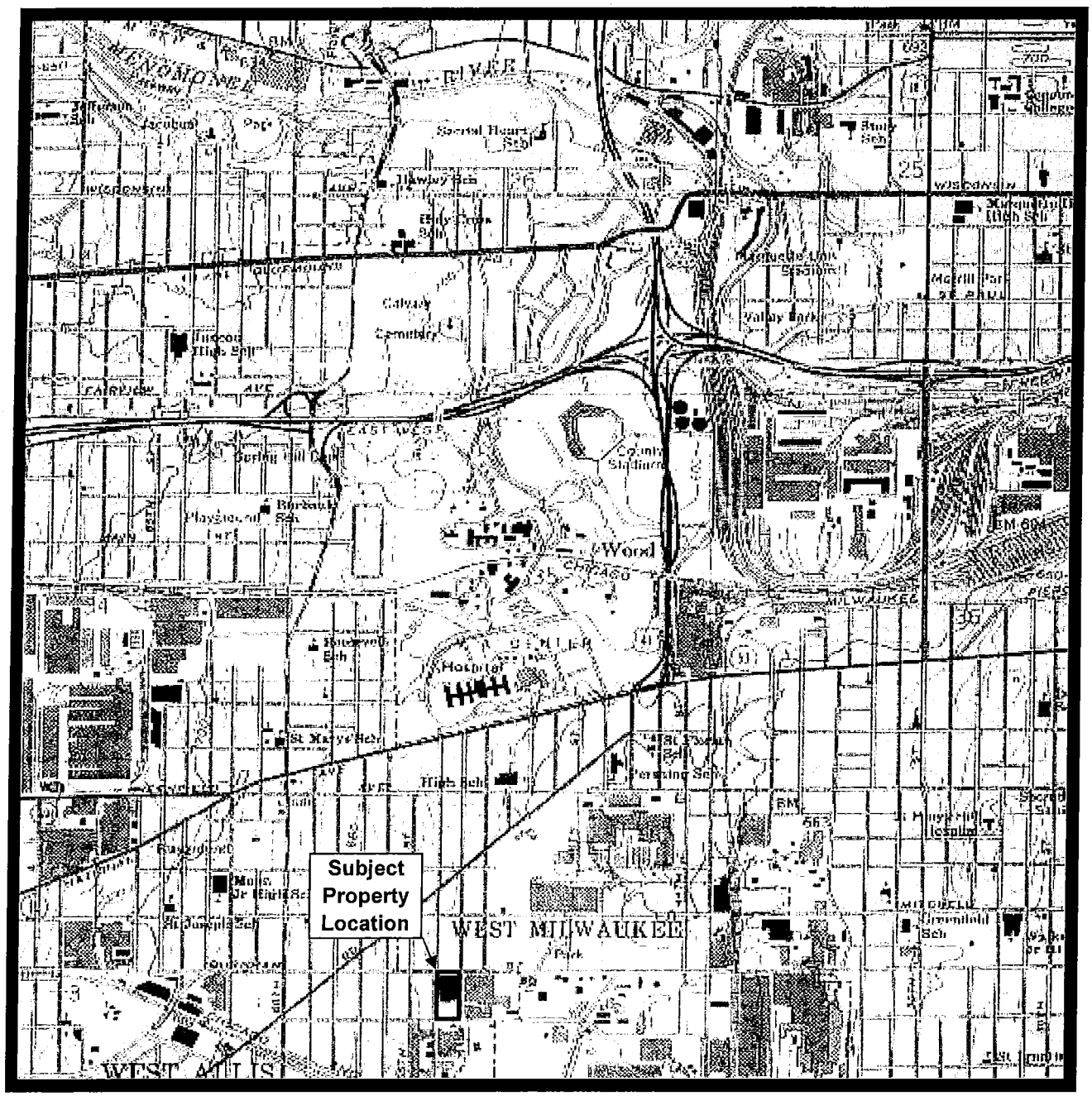
To whom it may concern:

I believe the legal description included with the closure request for the property at 5317 W. Burnham St., West Allis, WI to be complete and accurate.

Arnold Check
Responsible Party

Signature

Date 4/16/10



Source: United States Geological Survey, Milwaukee, Wisconsin, 7.5-Minute Topographic Maps, 1958, photorevised 1971

N

SCALE 1:24,000
APPROXIMATE SCALE

0 1 2

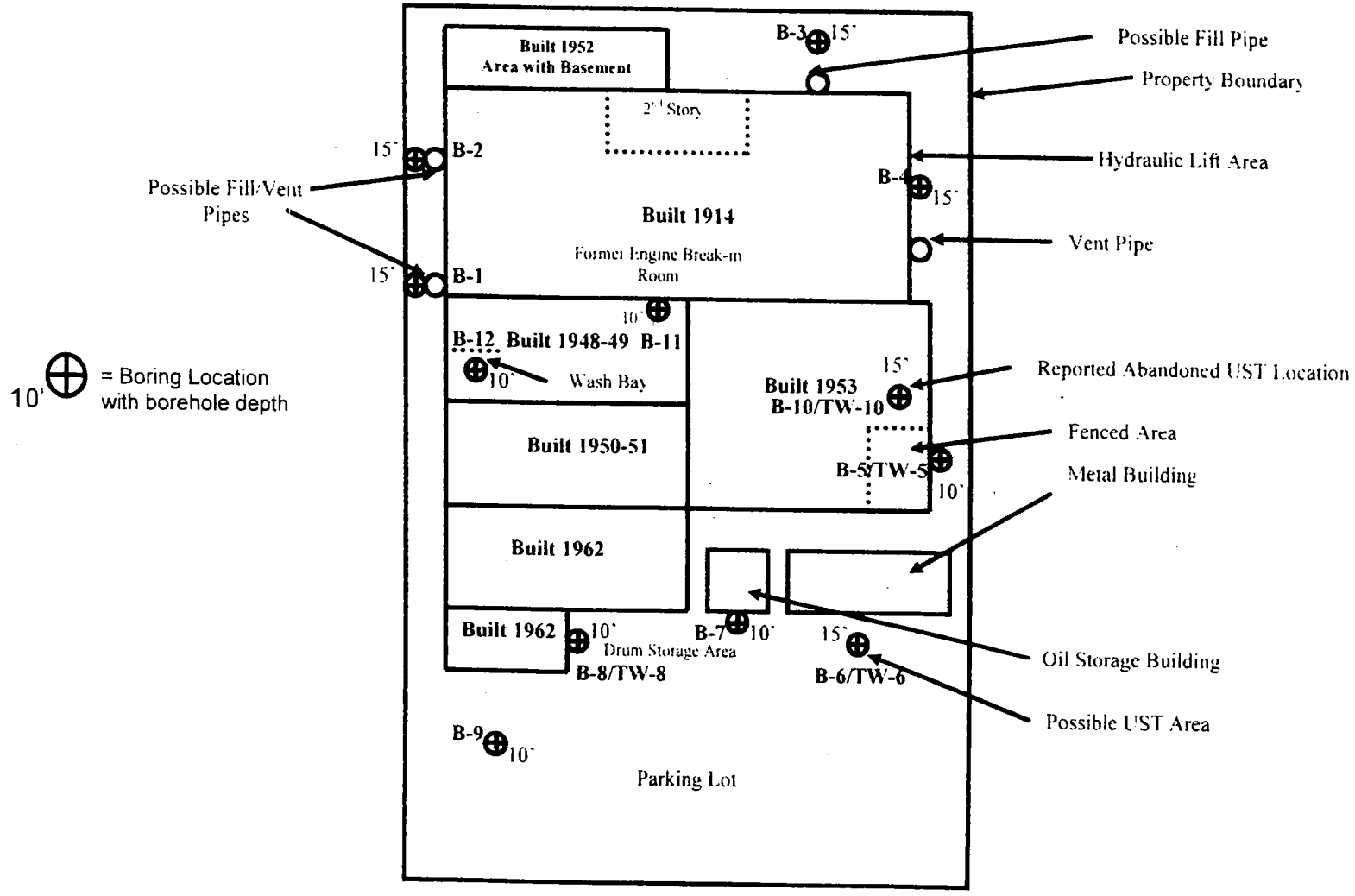
0 1000 2000 3000 4000 5000 6000 7000 8000 FEET

0 1 2 KILOMETERS

CONTOUR INTERVAL 10 FEET

Northeast 1/4 of the Southwest 1/4, Section 2, Township 6 North, Range 21 East

psi Information To Build On Engineering • Consulting • Testing	Environmental Services W228 N727 Westmound Drive Waukesha, Wisconsin 53186 (262) 970-9022 Fax (262) 970-9032	Check Family Trust 5317 West Burnham Street West Allis, Wisconsin **Site Location Map**	DATE: 10/30/2009 **Figure 1**	PROJECT NO: 0054220



psi Information To Build On Engineering • Consulting • Testing	Environental Services W228 N727 Westmound Drive Waukesha, Wisconsin 53186 (262) 970-9022 Fax (262) 970-9032	Multi-Tenant Industrial Property 5317 West Burnham Street West Allis, Wisconsin 53219	PSI Project Number: 0054220	↑ North
		Figure 2 **Site Vicinity Layout**	Scale: No Scale Date: 10/21/2009	

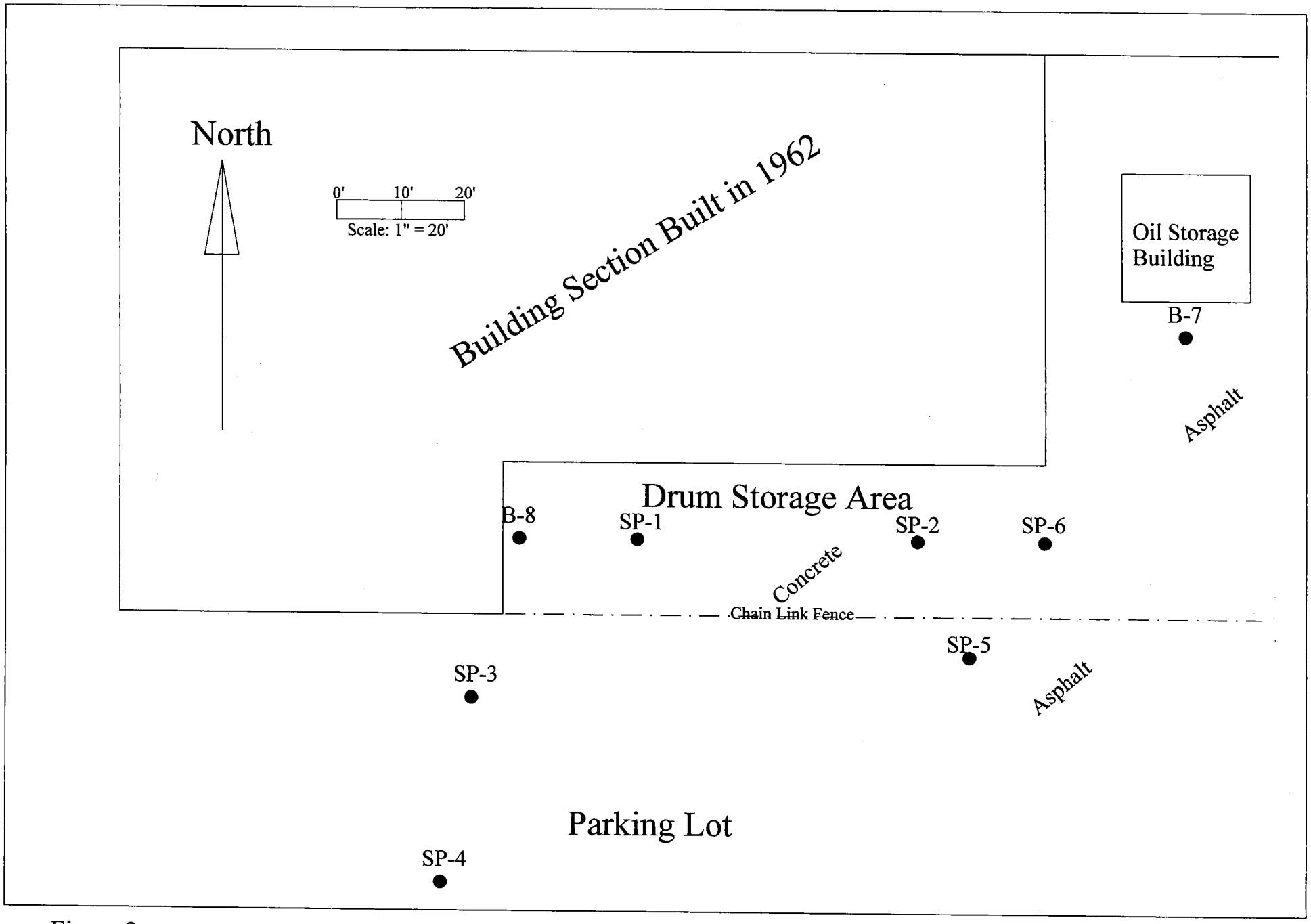


Figure 3
Site Features - Southwest Property
Arnold Check Property
5317 W. Burnham St., West Allis, WI 53219

Sentinel Environmental Services, LLC
PO Box 865, Grafton, WI 53024

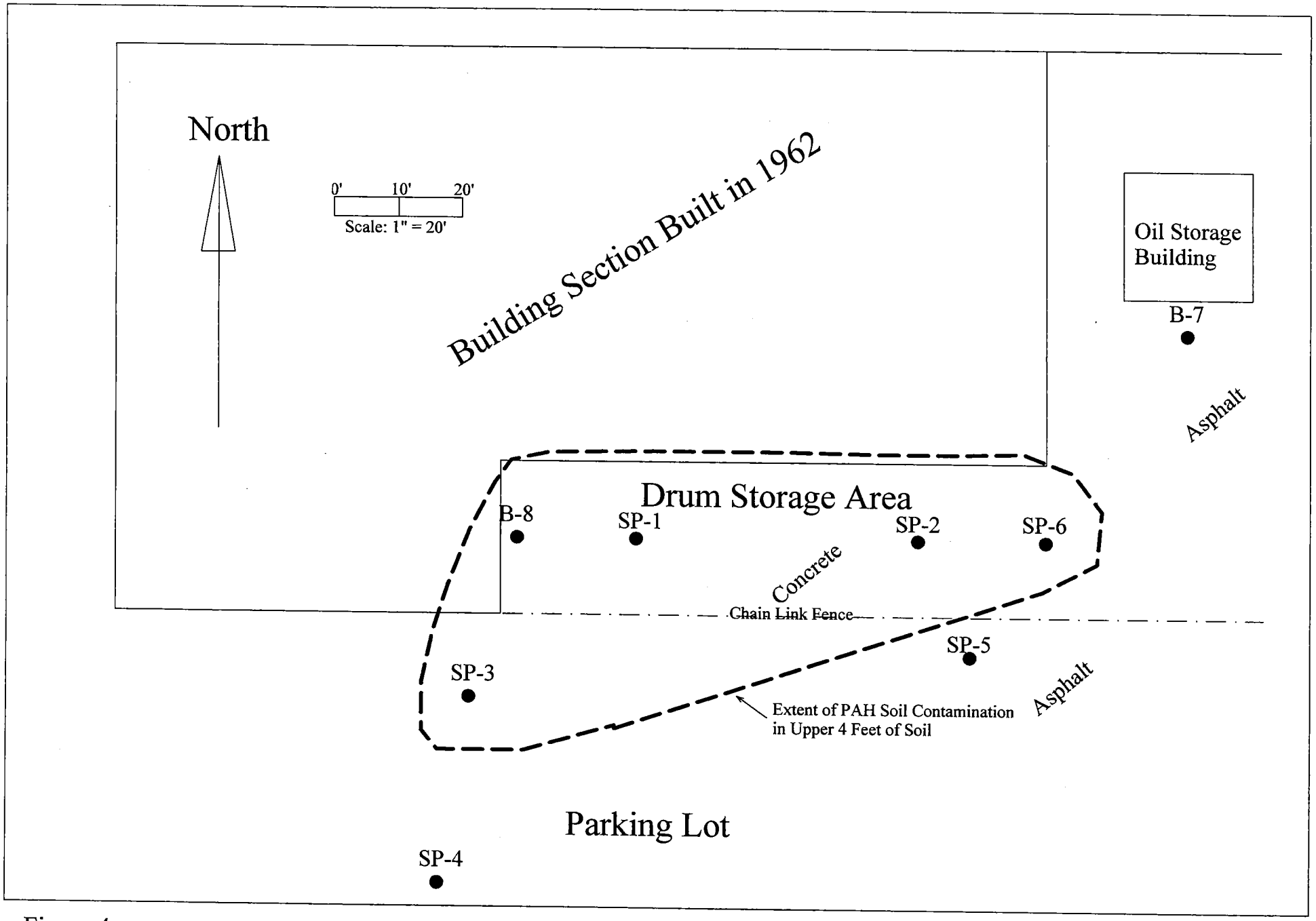


Figure 4
Extent of PAH Soil Contamination - Upper 4' of Soil
Arnold Check Property
5317 W. Burnham St., West Allis, WI 53219

Sentinel Environmental Services, LLC
PO Box 865, Grafton, WI 53024

Table 1
PAH Soil Analytical Results
Interim "Guidance" of Suggested Soil Cleanup Levels for PAHs
Arnold Check Property
5317 W. Burnham St., West Allis, WI 53219

	Suggested Generic RCLs			Samples												
	Groundwater Pathway Protection	Direct Contact Protection														
		Non-Industrial	Industrial													
Boring Number/Well				SP-1		SP-2		SP-3		SP-4		SP-5		SP-6		B-8
Sample Name				SP-1 (0'-4')	SP-1 (4'-8')	SP-2 (0'-4')	SP-2 (4'-8')	SP-3 (0'-4')	SP-3 (4'-8')	SP-4 (0'-4')	SP-4 (4'-8')	SP-5 (0'-4')	SP-5 (4'-8')	SP-6 (0'-4')	SP-6 (4'-8')	0'-2'
Date Collected				06/17/10	06/17/10	06/17/10	06/17/10	06/17/10	06/17/10	06/17/10	06/17/10	06/17/10	06/17/10	06/17/10	06/17/10	10/21/09
PID (instrument units)				0	0	3	0	0	0	0	0	0	0	0	0	0
PAHs (µg/kg)																
1-Methylnaphthalene	23,000	1,100,000	**70,000,000**	<2.9	<3.0	88	19.9	<3.2	107	<3.0	<3.0	<3.1	<2.9	30.9	<2.8	<27.4
2-Methylnaphthalene	20,000	600,000	**40,000,000**	<2.9	<3.0	121	25.2	<3.2	74.8	<3.0	<3.0	<3.1	<2.9	18.7	<2.8	<36.8
Acenaphthene	38,000	900,000	**60,000,000**	<2.7	<2.8	4.9	<2.7	<2.9	<2.8	<2.8	<2.7	<2.9	<2.7	19.3	<2.5	<48.8
Acenaphthylene	700	18,000	**360,000**	<3.1	<3.1	<3.2	<3.1	<3.3	<3.2	<3.1	<3.1	<3.3	<3.1	9.6	<2.9	<37.4
Anthracene	3,000,000	5,000,000	**300,000,000**	<4.5	<4.6	<4.7	<4.5	<4.8	<4.7	<4.6	<4.5	<4.8	<4.5	15.0	<4.2	<22.7
Benzo(a)anthracene	17,000	88	**3,900**	<2.7	<2.8	<2.8	<2.8	2.9	<2.9	<2.8	<2.8	<2.9	<2.7	11.8	<2.6	92.6
Benzo(a)pyrene	48,000	8.8	**390**	<3.1	<3.2	<3.3	<3.2	<3.4	<3.3	<3.2	<3.2	<3.3	<3.2	18.5	<3.0	37.9
Benzo(b)fluoroanthene	360,000	88	**3,900**	<3.3	<3.4	<3.5	<3.4	5.3	<3.5	<3.4	<3.4	<3.5	<3.3	24.6	<3.1	132
Benzo(ghi)perylene	6,800,000	1,800	**39,000**	<2.5	<2.6	<2.6	<2.6	3.4	<2.7	<2.6	<2.6	<2.7	<2.5	13.2	<2.4	104
Benzo(k)fluoroanthene	870,000	880	**39,000**	<3.6	<3.6	<3.7	<3.6	4	<3.8	<3.6	<3.6	<3.8	<3.6	21.9	<3.4	36.8
Chrysene	37,000	8,800	**390,000**	<3.5	<3.6	4.4	<3.5	4.5	<3.7	3.9	<3.5	<3.7	<3.5	54.8	<3.3	84.4
Dibenz(a,h)anthracene	38,000	8.8	**390**	<5.2	<5.3	<5.5	<5.3	<5.6	<5.5	<5.3	<5.3	<5.6	<5.2	6.0	<4.9	14.1
Fluoranthene	500,000	600,000	**40,000,000**	<9.6	<9.8	<10.0	<9.8	<10.4	<10.1	<9.8	<9.7	<10.2	<9.6	56.8	<9.1	50.2
Fluorene	100,000	600,000	**40,000,000**	<4.8	<4.9	6.3	<4.9	<5.2	<5.0	<4.9	<4.8	<5.1	<4.8	19.4	<4.5	<48.7
Indeno(1,2,3-cd)pyrene	680,000	88	**3,900**	<2.7	<2.8	<2.8	<2.8	<2.9	<2.9	<2.8	<2.8	<2.9	<2.7	13.4	<2.6	37.6
Naphthalene	400	20,000	**110,000**	<3.4	<3.4	286	15.7	<3.6	104	<3.4	<3.4	<3.6	<3.4	263	<3.2	<96.3
Phenanthrene	1,800	18,000	**390,000**	<4.2	<4.3	15.8	<4.3	<4.6	<4.4	<4.3	<4.3	<4.5	<4.2	58.4	<4.0	<61.6
Pyrene	8,700,000	500,000	**30,000,000**	<3.5	<3.6	4.5	<3.6	5.3	<3.7	4.2	<3.6	<3.7	<3.5	73.0	<3.3	154

NOTE: Direct Contact Protection Values apply only to soils in first 4 feet from the ground surface.

RCL = Residual Contaminant Level

Bold Values exceed Suggested Regulatory Standards

— = Not Tested or No Standard

TABLE 1

Summary of Soil Sample Analytical Results
5317 West Burnham Street
West Allis, Wisconsin

Analytical Parameter	Depth / Date / Units	B-5 6' - 8' 10/21/09	B-6 4' - 6' 10/21/09	B-7 6' - 8' 10/21/09	B-8 0' - 2' 10/21/09	B-10 10' - 12' 10/21/09	B-11 8' - 10' 10/21/09	NR 720 RCL Direct Contact/ Non-Industrial	NR 746 RCL Groundwater Pathway	Suggested PAH Generic Soil Cleanup Levels: Groundwater Pathway	Suggested PAH Generic Soil Cleanup Levels: Direct Contact/ Non-Industrial	Direct contact "Industr.
PID	i.u.	6.1	0.0	1.2	0.0	172.0	6.1	—	—	—	—	
DRO	mg/kg	16.7	2.8	23.2	**6790**	**16400**	19.9	100				
GRO	mg/kg	5.0	<2.9	4.3	<2.9	**226**	<2.8	100	—	—	—	
Detected VOCs												
Isopropylbenzene	ug/kg	35.5 J	< 25.0	< 25.0	< 25.0	294 J	< 25.0	—	—	—	—	
sec-Butylbenzene	ug/kg	34.5 J	< 25.0	< 25.0	< 25.0	652	< 25.0	—	—	—	—	
Naphthalene	ug/kg	227	< 25.0	< 25.0	< 25.0	5010	166	—	—	—	—	
n-Propylbenzene	ug/kg	34.1 J	< 25.0	< 25.0	< 25.0	816	< 25.0	—	—	—	—	
Toluene	ug/kg	< 25.0	< 25.0	< 25.0	43.5 J	< 125	< 25.0	1,500	38,000	—	—	
1,2,4- Trimethylbenzene	ug/kg	108	< 25.0	< 25.0	< 25.0	< 125	< 25.0	—	83,000	—	—	
PAHs												
Acenaphthene	ug/kg	17.5 J	< 4.8	< 5.2	< 48.8	1900	< 4.6	—	—	38,000	900,000	
Acenaphthylene	ug/kg	< 3.8	< 3.7	< 3.9	< 37.4	880 J	< 3.6	—	—	700	18,000	
Anthracene	ug/kg	< 2.3	< 2.2	< 2.4	< 22.7	829 J	< 2.2	—	—	3,000,000	5,000,000	
Benzo(a)anthracene	ug/kg	< 1.3	< 1.3	< 1.3	**92.6 J**	< 105	< 1.2	—	—	17,000	88	3,900
Benzo(a)pyrene	ug/kg	< 2.1	< 2.1	< 2.2	**37.9 J**	< 171	< 2.0	—	—	48,000	8.8	390
Benzo(b)fluoranthene	ug/kg	9.0 J	8.7 J	9.2 J	**132 J**	**705 J**	8.4 J	—	—	360,000	88	3,900
Benzo(ghi)perylene	ug/kg	< 1.1	< 1.1	< 1.1	104 J	< 87.9	< 1.0	—	—	6,800,000	1,800	
Benzo(k)fluoranthene	ug/kg	< 2.5	< 2.4	< 2.6	36.8 J	< 202	< 2.3	—	—	870,000	880	
Chrysene	ug/kg	< 1.4	< 1.4	< 1.4	84.4 J	137 J	2.4 J	—	—	37,000	8,800	
Dibenz(a,h)anthracene	ug/kg	< 1.2	< 1.2	< 1.3	**14.1 J**	< 99.5	< 1.2	—	—	38,000	8.8	390
Fluoranthene	ug/kg	< 2.4	< 2.3	< 2.5	50.2 J	< 192	< 2.2	—	—	500,000	600,000	
Fluorene	ug/kg	16.3 J	< 4.8	< 5.1	< 48.7	3540	7.0 J	—	—	100,000	600,000	
Indeno(1,2,3-cd)pyrene	ug/kg	< 1.2	< 1.2	< 1.2	37.6 J	< 95.6	< 1.1	—	—	680,000	88	
1-Methylnaphthalene	ug/kg	18.8 J	< 2.7	< 2.9	< 27.4	34800	78.9	—	—	23,000	1,100,000	70,000,0
2-Methylnaphthalene	ug/kg	11.7 J	<3.6	< 3.9	< 36.8	43200	116	—	—	20,000	600,000	40,000,0
Naphthalene	ug/kg	< 9.8	< 9.5	12.8 J	< 96.3	12000	36.7	—	—	400	20,000	110,00
Phenanthrene	ug/kg	< 6.2	< 6.1	< 6.5	< 61.6	6730	19	—	—	1,800	18,000	390,00
Pyrene	ug/kg	< 1.4	< 1.3	< 1.4	154 J	730 J	2.5 J	—	—	8,700,000	500,000	

Notes:

Boxed concentrations exceed protection of groundwater RCL
Bold concentrations exceed non-industrial direct contact standard
— - Not analyzed/Not Established
J - concentration detected between the laboratory Limit of Detection and the Limit of Quantitation
i.u. - instrument units
mg/kg -milligrams per kilogram, parts per million
ug/kg -micrograms per kilogram, parts per billion
PAH - polynuclear aromatic hydrocarbons
GRO - gasoline range organics
DRO - diesel range organics
PID - photoionization detector
RCL - residual contaminant level
ug/kg -micrograms per kilogram, parts per billion
VOC - volatile organic compounds
* - Total Chromium laboratory analytical results are comprised of a 6 to 1 ratio of trivalent chromium to hexavalent chromium; therefore, it is more appropriate to evaluate detected chromium contaminants with respect to this ratio.