

**GIS REGISTRY INFORMATION**

SITE NAME: Langview Fibre Co.  
 BRRTS #: 02-41-525131 FID # (if appropriate): 241751950  
 COMMERCE # (if appropriate): \_\_\_\_\_  
 CLOSURE DATE: \_\_\_\_\_  
 STREET ADDRESS: 3832 N 3rd St.  
 CITY: Milwaukee

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= 689960 Y= 292430

CONTAMINATED MEDIA: Groundwater  Soil  Both

OFF-SOURCE GW CONTAMINATION >ES:  Yes  No

IF YES, STREET ADDRESS 1: \_\_\_\_\_

GPS COORDINATES (meters in WTM91 projection): X= \_\_\_\_\_ Y= \_\_\_\_\_

OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):  Yes  No

IF YES, STREET ADDRESS 1: \_\_\_\_\_

GPS COORDINATES (meters in WTM91 projection): X= \_\_\_\_\_ Y= \_\_\_\_\_

CONTAMINATION IN RIGHT OF WAY:  Yes  No

**DOCUMENTS NEEDED:**

- Closure Letter, and any conditional closure letter or denial letter issued
- Copy of any maintenance plan referenced in the final closure letter.
- Copy of (soil or land use) deed notice *if any required as a condition of closure*
- Copy of most recent deed, including legal description, for all affected properties
- Certified survey map or relevant portion of the recorded plat map *(if referenced in the legal description)* for all affected properties
- County Parcel ID number, *if used for county*, for all affected properties PIN: 273-1401-111-B
- Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and 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 map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.
- Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)
- Tables of Latest Soil Analytical Results (no shading or cross-hatching)
- Isoconcentration map(s), *if required for site investigation (SI)* (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. *If not available, include the latest extent of contaminant plume map.*
- GW: Table of water level elevations, with sampling dates, and free product noted if present
- GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)
- SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour
- Geologic cross-sections, *if required for SI*. (8.5x14" if paper copy)
- RP certified statement that legal descriptions are complete and accurate
- Copies of off-source notification letters (if applicable)
- Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)



## 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

January 30, 2008

Mr. Alan Whitford  
Longview Fibre Paper and Packaging, Inc.  
3832 N. 3rd Street  
Milwaukee, WI 53212

Subject: Final Case Closure with Land Use Limitations or Conditions, Longview Fibre Paper and Packaging, Inc., 3832 N. 3rd Street, Milwaukee, WI, WDNR FID# 241751950, WDNR BRRTS# 02-41-525131

Dear Mr. Whitford:

On August 1, 2007, the Southeast Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On December 6, 2007 you were notified that the Closure Committee had denied closure to this case because you needed to provide a Cap Maintenance Plan. On January 17, 2008 you provided the WDNR with a Cap Maintenance Plan. This plan was reviewed on January 30, 2008 and closure of this site was granted.

Based on the correspondence and data provided, it appears that your case meets the requirements of 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 pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which you 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.

The most recent soil samples that were collected on this property, which were collected on December 21, 2004, and October 31, 2006 contained Volatile Organic Compounds (VOCs) in concentrations that exceeded NR 720.11, Table 2, Wis. Adm. Code, soil standards. Therefore, pursuant to s. 292.12(2)(c), Wis. Stats., the property described above may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless (at the time that the non-industrial use is proposed) an investigation is conducted, to determine the degree and extent of VOC contamination that remains on the property, and remedial action is taken as necessary to meet all applicable non-industrial soil cleanup standards. 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.

Pursuant to s. 292.12(2)(a), Wis. Stats., the Pavement cover and Building Barrier 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 additional 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 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.

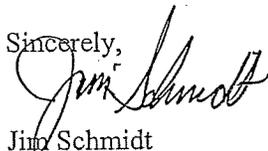
The following activities are prohibited on any portion of the property where [pavement, a building foundation, soil cover, engineered cap or other barrier] is required as shown on the attached map, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources: 1) 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.

In addition, depending on site-specific conditions, construction over contaminated materials may result in vapor migration into enclosed structures or migration along newly placed underground utility lines. The potential for vapor inhalation and mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.

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/tr/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.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Barbara Grundl at 414-263-8564

Sincerely,



Jim Schmidt

Southeast Remediation & Redevelopment Team Supervisor

cc: Bernard G. Fenelon, P.G. – GZA GeoEnvironmental  
WDNR SER Case File

**PAVEMENT COVER AND BUILDING BARRIER MAINTENANCE PLAN**  
**January 17, 2008**

Property Address:  
3832 North 3<sup>rd</sup> Street  
Milwaukee, Wisconsin 53212-1109  
Tax Key #: 273-1401-111-8

FID #: 241751950  
WDNR BRRTS/Activity #: 02-41-525131

**Introduction**

This document is the Maintenance Plan for a pavement cover and building barrier at 3832 North 3<sup>rd</sup> Street in Milwaukee, Wisconsin ("Site"), in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code (WAC). The maintenance activities relate to the existing Site slab-on-grade building and paved sidewalk surface south of the building and occupying the area over the contaminated groundwater plume and soil on and adjacent to the Site. The contaminated groundwater plume and/or soil is impacted by volatile organic compounds (VOCs), including 1,1-dichloroethane, cis-1,2-dichloroethene, trichloroethene, tetrachloroethene, 1,1,2,2-tetrachloroethene, 1,2,4- and 1,3,5-trimethylbenzene and naphthalene. The location of the paved surfaces and building to be maintained in accordance with this Maintenance Plan, as well as the impacted groundwater plume and soil are identified in the attached map (Exhibit A).

**Cover and Building Barrier Purpose**

The paved surfaces and the building foundation over the contaminated groundwater plume and soil act as a partial infiltration barrier to minimize future soil-to-groundwater contamination migration that would violate the groundwater standards in Chapter NR 140, WAC. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

**Annual Inspection**

The building foundation and sidewalk overlying the contaminated groundwater plume and/or soil, as depicted in Exhibit A, will be inspected once a year, normally in the spring after all snow and ice are 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. 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 materially exposed. Note that maintenance of areas covered by sidewalk is the responsibility of the City of Milwaukee. If repairs to the sidewalk area appear necessary, notification of the need for repairs will be made to the City. After repairs are completed by either the owner of the Site or the City of Milwaukee, they will be documented in the inspection log. Owner will send a copy of the inspection log to the Wisconsin Department of Natural Resources (WDNR) annually, unless otherwise directed in the case closure letter.

**PAVEMENT COVER AND BUILDING BARRIER MAINTENANCE PLAN**  
**January 17, 2008**

**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. Note that the Site owner will not have control over the scheduling of maintenance by the City of Milwaukee. 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 groundwater plume and/or 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 WDNR or its successor.

In order to maintain the integrity of the paved surfaces and/or the building slab, the property owner will maintain a copy of this Cap Maintenance Plan on the 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:**

**Owner:**

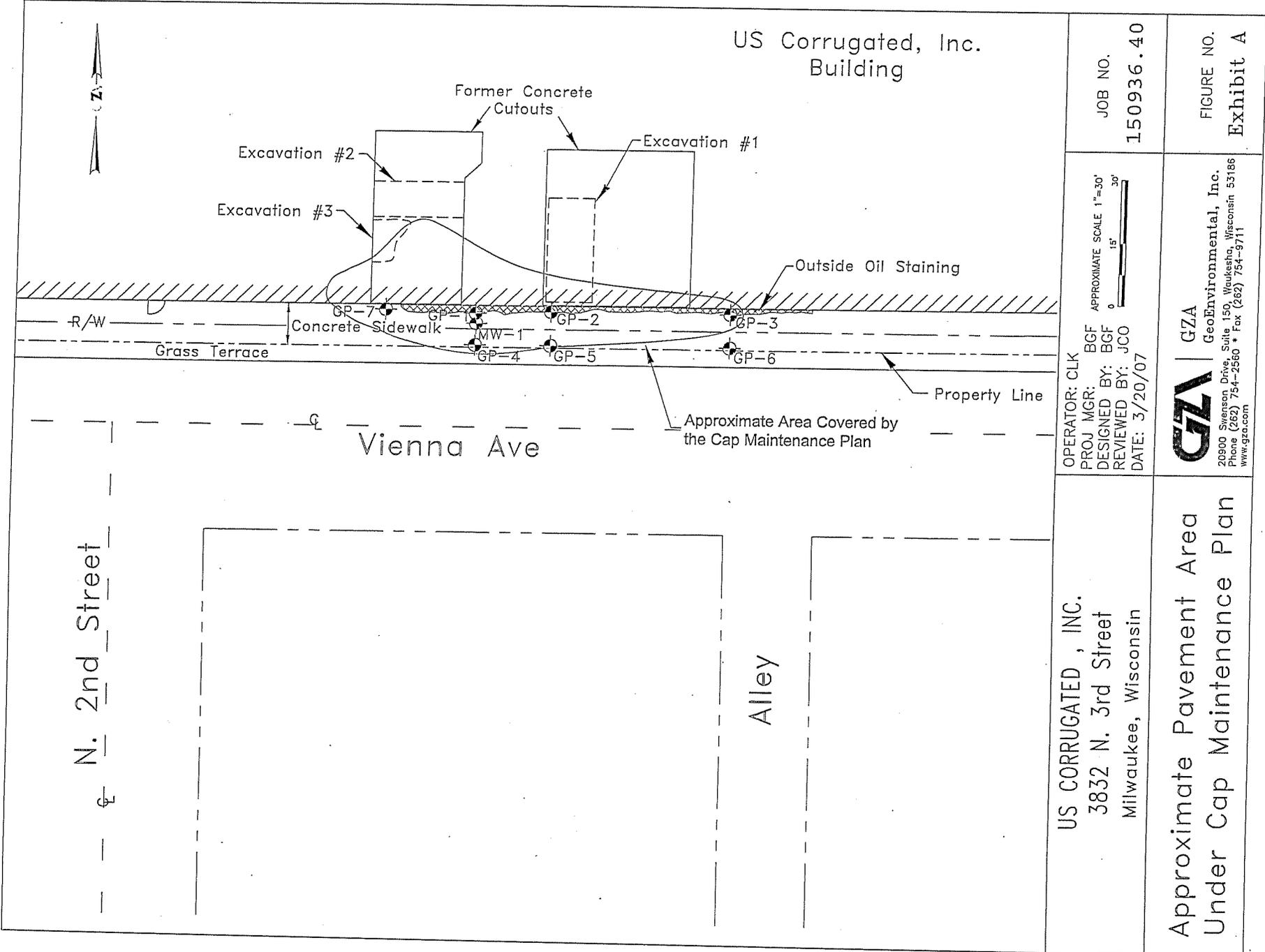
US Corrugated, Inc.  
3832 North 3<sup>rd</sup> Street  
Milwaukee, WI 53212  
Donald Domine  
414-406-0464

**Consultant:**

GZA GeoEnvironmental, Inc.  
20900 Swenson Drive,  
Suite 150  
Waukesha, WI 53186  
Bernard G. Fenelon, P.G.  
262-754-2560

**WDNR:**

2300 N. Dr. Martin Luther King,  
Jr. Drive  
Milwaukee, WI 53212  
Barbara Grundl, P.G.  
414-263-8564



US Corrugated, Inc.  
Building

JOB NO.  
150936.40

FIGURE NO.  
Exhibit A

OPERATOR: CLK  
 PROJ MGR: BGF  
 DESIGNED BY: BGF  
 REVIEWED BY: JCO  
 DATE: 3/20/07

APPROXIMATE SCALE 1"=30'  
 0 15' 30'

**GZA** | GZA  
 GeoEnvironmental, Inc.  
 20900 Svensen Drive, Suite 150, Waukesha, Wisconsin 53186  
 Phone (262) 754-2560 • Fax (262) 754-9711  
 www.gza.com

US CORRUGATED, INC.  
 3832 N. 3rd Street  
 Milwaukee, Wisconsin

Approximate Pavement Area  
 Under Cap Maintenance Plan



Special Warranty  
Deed



\* 0 9 1 5 7 2 3 8 \*

Document Number

DOC.# 09157238

REGISTER'S OFFICE | SS  
Milwaukee County, WI

RECORDED 01/04/2006 01:29PM

JOHN LA FAVE  
REGISTER OF DEEDS

AMOUNT: 17.00

**Preparer Information:** (name, address and phone number)

Christopher Matthews  
Perkins Coie LLP  
1120 NW Couch Street  
Portland, Oregon 97209  
503-727-2000

**Grantor:**

Longview Fibre Company, a Washington corporation

**Grantee:**

Longview Fibre Paper and Packaging, Inc., a Washington corporation

Recording Area

Name and Return Address  
Christopher Matthews  
Perkins Coie LLP  
1120 NW Couch Street  
Portland, Oregon 97209  
503-727-2000

Parcel Identification Number (PIN)  
273-1401-111-8 and 8580-61798580-6179

TRANSFER  
\$ 8,406<sup>00</sup>  
FEE

WHEN RECORDED RETURN TO:

Christopher Matthews  
Perkins Coie LLP  
1120 NW Couch Street  
Portland, OR 97209

SPECIAL WARRANTY DEED

THIS DEED, made effective as of December 31, 2005, between Longview Fibre Company, a Washington corporation, successor by merger to Longview Fibre Company, a Delaware corporation ("Grantor"), and Longview Fibre Paper and Packaging, Inc., a Washington Corporation, ("Grantee").

Grantor, in consideration of \$0.00 (and other value as part of a broader reorganization), conveys to Grantee the following described real estate:

**ALL** that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the County of Milwaukee and State of Wisconsin, as further described on "Exhibit A" attached hereto and made a part hereof (the "Property");

**TOGETHER** with all right, title and interest, if any, of Grantor in and to any streets and roads abutting the Property to the center lines thereof, all easements and access rights of Grantor in and to the Property, any vacated or hereafter vacated street or alley adjoining the Property, and any strips and gores adjoining the Property;

**TOGETHER** with all goods, fixtures, furnishings, fittings, apparatus, equipment and other tangible personal property of every nature now owned or hereafter acquired by Grantor and used in connection with the Property;

**TOGETHER** with the hereditaments and appurtenances and all the estate, rights and interests of every nature of Grantor in and to the Property, whether now owned or subsequently acquired by Grantor, including, without limitation to the extent they are owned and are transferable, easements, timber rights, mineral rights, water rights and any claims at law or in equity.

Grantor warrants that the title to the Property is good, indefeasible, in fee simple and free and clear of encumbrances arising by, through, or under Grantor, except for all matters of record.

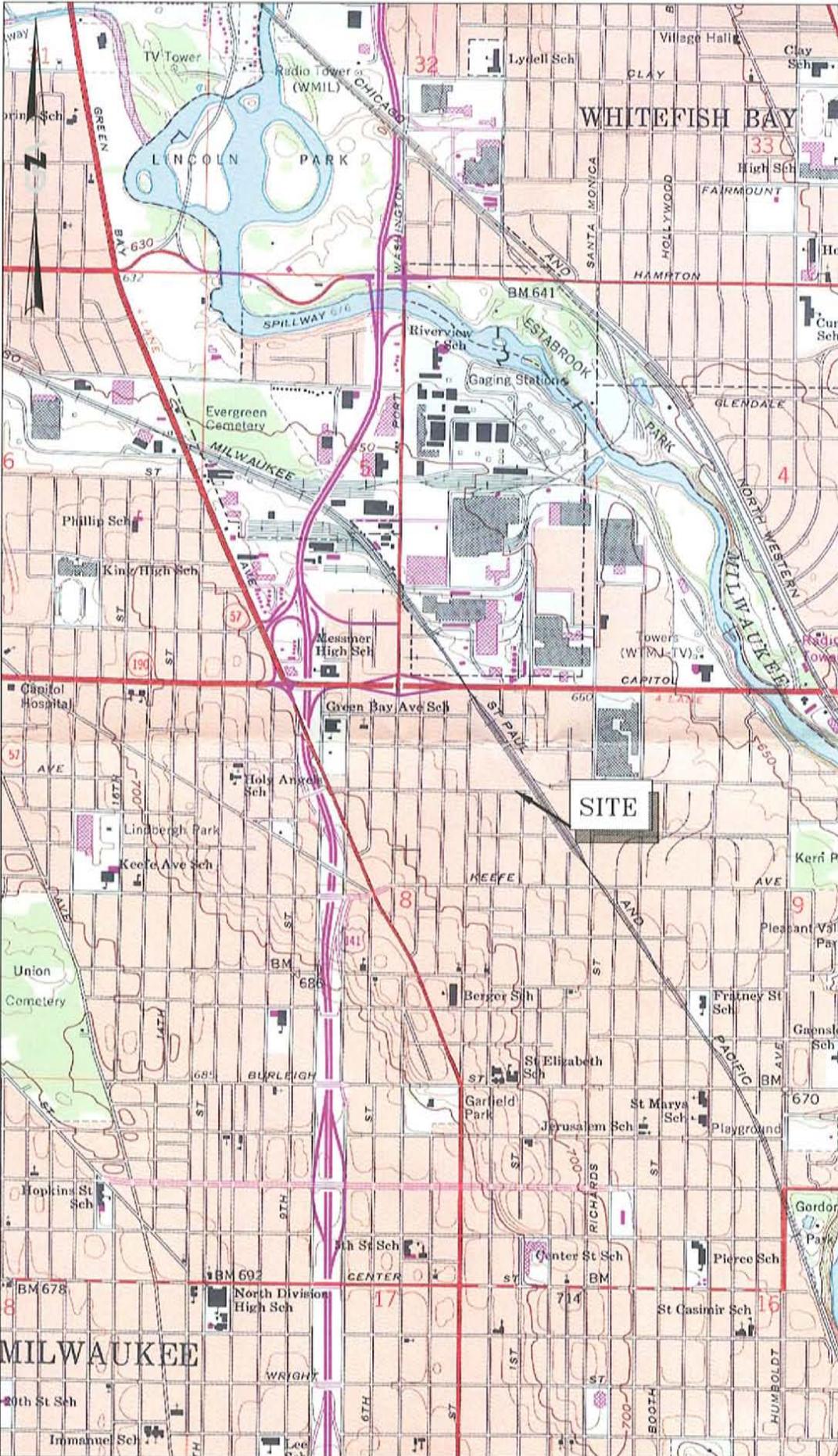


## EXHIBIT A

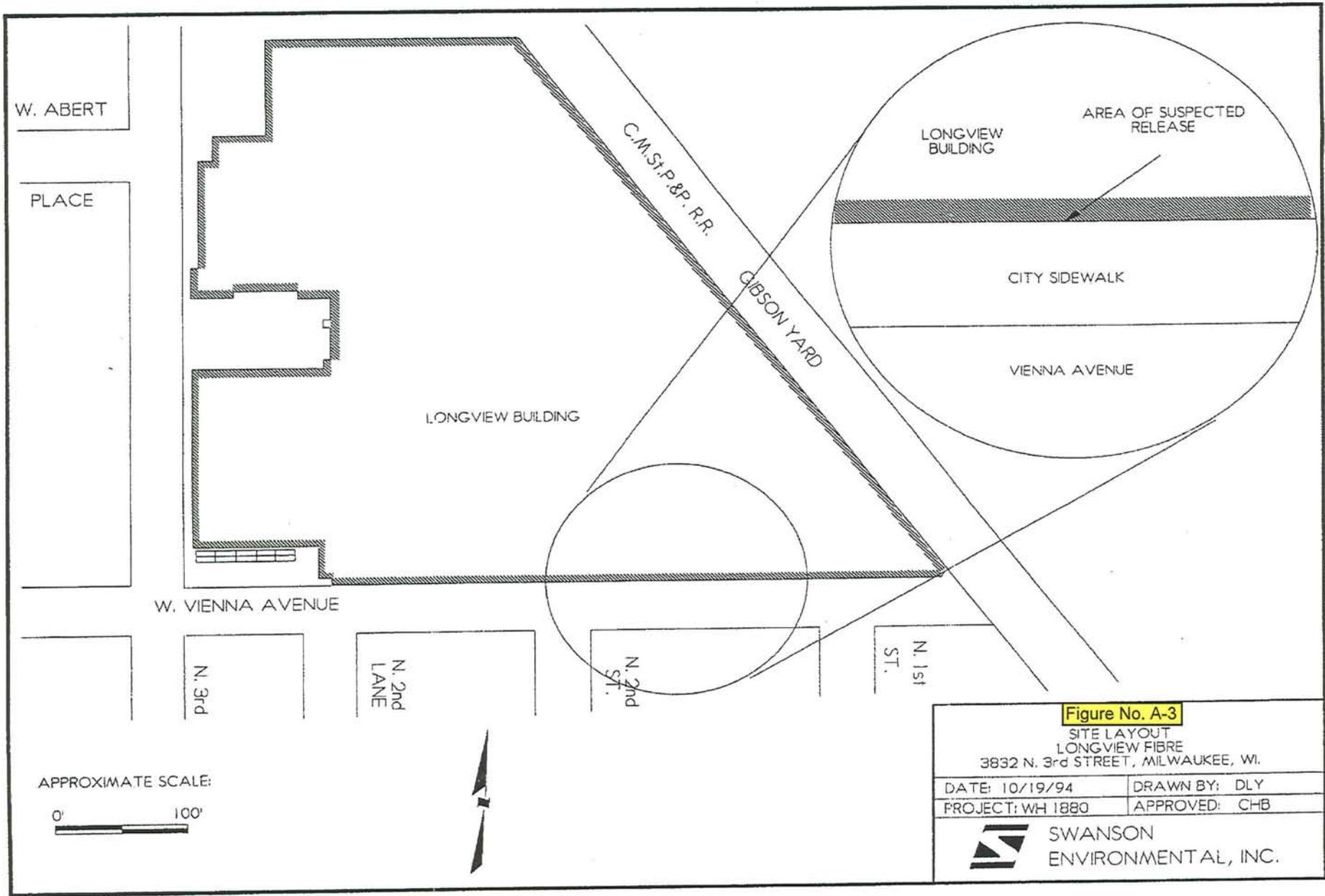
All of Block 7, Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 and 20 in Block 8, Lot 1 in Block 9, Lots 1, 2, 3 and 4 in Block 10, and Lots 1, 2, 3, 4, 5, 6, 7 and 8 in Block 11 also with all those portions of adjoining vacated streets and alley as follows, to wit: (a) vacated West Abert Place between the East line of North Third Street and the Southwesterly line of the right of way of the Chicago, Milwaukee, St. Paul and Pacific Railroad Company; (b) vacated North 2<sup>nd</sup> Street between a line 1' 10" North of and parallel to the North line of said Lot 6 in said Block 8 extended East and a line parallel to and 30 feet South of the North line of vacated West Abert Place together with that part located between Block 10 and Block 11; (c) the vacated North and South alley in said Block 8 between a line 1' 10" North of and parallel to the North line of Lot 6, in said Block 8 extended West, and the North line of vacated West Abert Place; (d) the vacated alley in Block 11; (e) vacated West Melvina Street located South of Block 7 and North of Lot 20 in Block 8 all of the foregoing property being located in Washington Park, being a Subdivision of a part of the Northeast 1/4 of Section 8, in Township 7 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin.

Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32 and 33, in Block 3, in Webster Avenue Addition; also a strip of land approximately 4 feet in width, lying between Lot 1, Block 1, Netzow's Subdivision and Lot 21, in Block 3 in Webster Avenue Addition, further described as follows: Being all the land bounded on the North by Lot 21, in Block 3, in Webster Avenue Addition on the East by Lot 20, in Block 3, in Webster Avenue Addition on the South by Lot 1, Block 1, Netzow's Subdivision and on the West by North First Street; also all of Lot 1, except the Southerly 15 feet thereof, in Block 1, in Netzow's Subdivision, a Resubdivision of Lot 22, in Block 4, in Keefe Avenue Subdivision No. 1, also together with that part of vacated West Vienna Avenue, all of which said lands are located in the Northeast 1/4 of Section 8, in Township 7 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin.

Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 and 13 in Block 1 in Vienna Park Subdivision also together with that part of vacated West Vienna Avenue, said lands are located in the Northeast 1/4 of Section 8, in Township 7 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin.



<p>REV. NO.</p>	<p>DESCRIPTION</p>	<p>BY</p> <p>DATE</p>
<p>1"</p>	<p>1" = 2000'</p>	<p>0 1000 2000 4000</p>
<p>LONGVIEW FIBRE PAPER AND PACKAGING, INC. 3832 NORTH 3rd STREET MILWAUKEE, WISCONSIN</p> <p><b>SITE LOCATION MAP</b></p>		
<p>JOB NO.</p>	<p>150936.20</p>	
<p>FIGURE NO.</p>	<p>A-1</p>	
<p>PROJ MGR: BGF</p> <p>DESIGNED BY:</p> <p>REVIEWED BY:</p>	<p>OPERATOR: CJM</p> <p>DATE: 3/22/06</p>	<p><b>GZA</b> GeoEnvironmental, Inc. 20900 Swenson Drive Waukesha, Wisconsin • 53186 Phone (262) 754-2560 • Fax (262) 754-9711 • www.gza.com</p>



**Figure No. A-3**  
 SITE LAYOUT  
 LONGVIEW FIBRE  
 3832 N. 3rd STREET, MILWAUKEE, WI.

DATE: 10/19/94	DRAWN BY: DLY
PROJECT: WH 1880	APPROVED: CHB

 SWANSON ENVIRONMENTAL, INC.

APPROXIMATE SCALE:  
 0' 100'



**TABLE C-1**  
**SOIL VOC ANALYTICAL RESULTS**  
 Longview Fibre Paper and Packaging, Inc.  
 3832 North 3rd Street  
 Milwaukee, Wisconsin

PARAMETER	WISCONSIN STANDARDS NR 720 RCLs	GP-1A		GP-3A	GP-4A	GP-7A
		(4'-6')	(10'-12')	(6'-8')	(4'-6')	(4'-6')
<b>VOCs (µg/kg)</b>						
Vinyl Chloride	NE	<b>81</b>	<14	<16	<16	<14
1,1-Dichloroethane	NE	<b>100</b>	<16	<b>140</b>	<16	<16
cis-1,2-Dichloroethene	NE	<b>73</b>	<14	<b>150</b>	<b>45</b>	<14
Trichloroethene	NE	<33	<17	<17	<b>180</b>	<b>160</b>
Tetrachloroethene	NE	<31	<16	<16	<b>2,100</b>	<b>82</b>
o-xylene	4,100	<b>190</b>	<14	<14	<14	<14
Isopropylbenzene	NE	<b>49</b>	<22	<16	<16	<22
1,1,2,2-Tetrachloroethane	NE	<b>3,400</b>	<20	<20	<20	<20
n-Propylbenzene	NE	<b>53</b>	<16	<17	<17	<16
1,3,5-Trimethylbenzene	NE	<b>2,300</b>	<14	<14	<14	<14
1,2,4-Trimethylbenzene	NE	<b>3,800</b>	<16	<16	<16	<16
p-Isopropyltoluene	NE	<b>1,100</b>	<17	<16	<16	<17
Naphthalene	400	<b>60</b>	<19	<19	<19	<19

**Notes:**

1. Soil samples were collected by GZA GeoEnvironmental, Inc. (GZA) on October 31, 2006, from Geoprobe borings installed by Soil Essentials of New Glarus, Wisconsin.
2. Samples were analyzed by E.C.C.S., Inc. of Madison, Wisconsin for volatile organic compounds (VOCs) by Method 8260. Results are presented in micrograms per kilogram (µg/kg).
3. Wisconsin Administrative Code (WAC) Chapter NR 720 Residual Contaminant Levels (RCLs) are provided for reference where established. NE denotes NR 720 RCL values are not established.
4. The standard for naphthalene is the Non-Industrial/Industrial Direct Contact (D. C.) RCLs provided in the April 1997 Wisconsin Department of Natural Resources Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons Interim Guidance.
5. Constituents detected are shown in **bold**.

**TABLE C-2**  
**SOIL ANALYTICAL RESULTS (µg/kg)**

Longview Fibre Co.  
3832 North 3rd Street  
Milwaukee, Wisconsin

PARAMETER	WISCONSIN STANDARDS NR 720 RCLs	SAMPLE NUMBER AND DEPTH											
		GP-1			GP-2		GP-3		GP-4		GP-5	GP-6	GP-7
		(0'-2')	(4'-6')	(10'-12')	(0'-2')	(8'-10')	(0'-2')	(8'-10')	(0'-2')	(4'-6')	(0'-2')	(0'-2')	(4'-6')
DRO	250	11	<b>2,160</b>	81	<5.9	<b>1,490</b>	242	49	9.7	8.6	8.2	9.8	9.7
<b>PVOCs</b>													
Benzene	5.5	<29	<28	<28	<29	<29	<28	<29	<28	<29	<29	<29	<29
Ethylbenzene	2,900	<29	<2,280	<28	<29	<29	<28	<29	<28	<29	<29	<29	<29
Methyl-t-butyl ether	NE	<29	<28	<28	<29	<29	<28	<29	<28	<29	<29	<29	<29
Toluene	1,500	<29	<28	<28	<29	<29	<28	<29	<28	<29	<29	<29	<29
1,2,4-Trimethylbenzene	7,570 <sup>(4)</sup>	<29	<b>7,290</b>	<28	<29	37	<28	<29	<28	<29	<29	<29	<29
1,3,5-Trimethylbenzene	3,520 <sup>(4)</sup>	<29	<b>5,130</b>	<28	<29	56	<28	<29	<28	<29	<29	<29	<29
Xylenes, Total	4,100	<88	<2,280	<83	<88	<86	<83	<86	<85	<86	<88	<88	<88
<b>PAHs</b>	<b>D. C. RCLs<sup>(4)</sup></b>												
Acenaphthene	900,000/60,000,000	<59	<57	<55	<59	<57	<55	<57	<56	<57	<59	<59	<59
Acenaphthylene	18,000/360,000	<100	<97	<94	<100	<97	<94	<97	<96	<97	<100	<100	<100
Anthracene	5,000,000/300,000,000	<5.9	<b>11</b>	<5.5	<5.9	<5.7	<b>6.6</b>	<5.7	<b>10</b>	<5.7	<5.9	<b>18</b>	<5.9
Benzo (a) Anthracene	88/3,900	<5.9	<b>32</b>	<5.5	<b>7.7</b>	<5.7	<b>20</b>	<5.7	<b>31</b>	<5.7	<5.9	<b>41</b>	<5.9
Benzo (a) Pyrene	8.8/390	<5.9	<b>19</b>	<5.5	<b>6.6</b>	<5.7	<b>17</b>	<5.7	<b>25</b>	<5.7	<5.9	<b>29</b>	<5.9
Benzo (b) Fluoranthene	88/3,900	<5.9	<b>15</b>	<5.5	<5.9	<5.7	<b>13</b>	<5.7	<b>19</b>	<5.7	<5.9	<b>22</b>	<5.9
Benzo (k) Fluoranthene	880/390,000	<5.9	<b>26</b>	<5.5	<b>6.6</b>	<5.7	<b>18</b>	<5.7	<b>15</b>	<5.7	<5.9	<b>18</b>	<5.9
Benzo (ghi) Perylene	1,800/39,000	<5.9	<b>15</b>	<5.5	<5.9	<5.7	<b>44</b>	<5.7	<b>18</b>	<5.7	<5.9	<b>16</b>	<5.9
Chrysene	8,800/390,000	<5.9	<b>7.9</b>	<5.5	<b>7.1</b>	<5.7	<b>17</b>	<5.7	<b>23</b>	<5.7	<5.9	<b>28</b>	<5.9
Dibenzo (a,h) Anthracene	8.8/390	<8.8	<8.5	<8.3	<8.8	<8.6	<b>17</b>	<8.6	<8.5	<8.6	<8.8	<8.8	<8.8
Fluoranthene	600,000/400,000,000	<12	<b>52</b>	<11	<b>13</b>	<11	<b>65</b>	<11	<b>81</b>	<11	<12	<b>93</b>	<12
Fluorene	600,000/400,000,000	<12	<11	<11	<12	<11	<11	<11	<11	<11	<12	<12	<12
Indeno (1,2,3-cd) Pyrene	88/3,900	<5.9	<b>11</b>	<5.5	<5.9	<5.7	<b>26</b>	<5.7	<b>20</b>	<5.7	<5.9	<b>21</b>	<5.9
1-Methyl Naphthalene	1,100,000/70,000,000	<35	<34	<33	<35	<34	<33	<34	<34	<34	<35	<35	<35
2-Methyl Naphthalene	600,000/40,000,000	<29	<b>54</b>	<28	<29	<29	<28	<29	<28	<29	<29	<29	<29
Naphthalene	20,000/110,000	<35	<b>56</b>	<33	<35	<34	<33	<34	<34	<34	<35	<35	<35
Phenanthrene	18,000/390,000	<5.9	<b>15</b>	<5.5	<5.9	<5.7	<b>15</b>	<5.7	<b>58</b>	<5.7	<5.9	<b>73</b>	<5.9
Pyrene	50,000/30,000,000	<5.9	<b>15</b>	<5.5	<b>24</b>	<5.7	<b>80</b>	<5.7	<b>92</b>	<5.7	<5.9	<b>75</b>	<5.9

**Notes:**

1. Soil samples were collected by GZA GeoEnvironmental, Inc. (GZA) on December 21, 2004 from Geoprobe boings installed by Soil Essential of New Glarus, Wisconsin.
2. Samples were analyzed by TestAmerica of Watertown, Wisconsin for diesel range organic compounds (DRO) by the Wisconsin Modified DRO Method, petroleum volatile organic compounds (PVOCs) by Method 8020, and Polynuclear Aromatic Hydrocarbons (PAHs) by Method EPA 8310. Results are presented in micrograms per kilogram (µg/kg).
3. Wisconsin Administrative Code (WAC) Chapter NR 720 Residual Contaminant Levels (RCLs) are provided for reference where established. NE denotes NR 720 RCL values are not established.
4. The standards for the trimethylbenzene isomers are calculated migration to groundwater RCLs and the standards for the PAH compounds are the Non-Industrial/Industrial Direct Contact (D. C.) RCLs provided in the April 1997 Wisconsin Department of Natural Resources Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons Interim Guidance.
5. Results above laboratory detection limits provided in **bold** and results exceeding the RCLs (NR720, calculated, and Interim Guidance industrial DC) are underlined.

**TABLE C-1**  
**PID FIELD SCREEN RESULTS**  
**Longview Fibre Co.**  
**3832 North 3rd Street**  
**Milwaukee, Wisconsin**

Sample Depth	Field Screen Results (instrument units)						
	GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	GP-7
0' - 2'	1.8	12.6	5.4	4	4	12	4
2' - 4'	1.8	16.3	1.8	4	4	12	8
4' - 6'	527	9	5.4	4	8	8	4
6' - 8'	201		12.1	4	8	8	4
8' - 10'	19.9	23	16.2	4			8
10' - 12'	5.4	1.8	1.8	4			8

**Notes:**

1. Soil samples were collected by GZA GeoEnvironmental, Inc. (GZA) on December 21, 2004 from Geoprobe boings installed by Soil Essential of New Glarus, Wisconsin.
2. Samples were field screened with a Thermo Environmental Model 580B OVM photoionization detector equipped with a 11.8 eV lamp and calibrated with a 100 ppm isobutylene standard. Results are presented in instrument units.
3. Background readings of up to 8 instrument units were measured.

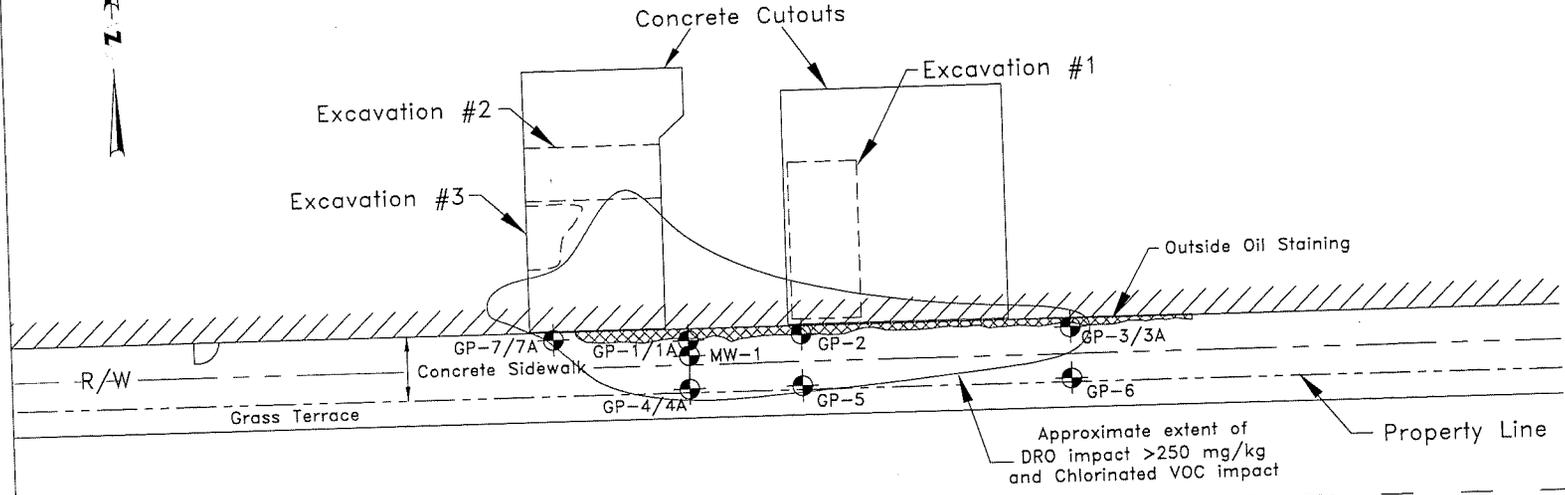
**Table E-1**  
**Groundwater Analytical Results**  
 Longview Fibre Paper and Packaging, Inc.  
 3832 North 3rd Street  
 Milwaukee, Wisconsin

PARAMETER	NR 140 Groundwater ESs	MW-1 (µg/l)	
		9/30/2005	11/18/2005
<u>VOCs</u>			
Benzene	5	<0.2	<0.2
Ethylbenzene	700	<0.5	<0.5
Toluene	1,000	<0.2	<0.2
1,2,4-Trimethylbenzene	480 <sup>(5)</sup>	<0.2	<0.2
1,3,5-Trimethylbenzene	480 <sup>(5)</sup>	<0.2	<0.2
Xylenes, Total	10,000	<0.5	<0.5
cis-1,2-Dichloroethene	70	<b>0.89</b>	<b>1.1</b>
Vinyl Chloride	0.2	<b><u>4.5</u></b>	<b><u>1.8</u></b>

**Notes:**

1. Groundwater samples were collected by GZA GeoEnvironmental, Inc. (GZA) with a bailer on the dates indicated.
2. Samples were analyzed by TestAmerica of Watertown, Wisconsin for volatile organic compounds (VOCs) by Method 8260.
3. Results are presented in micrograms per kilogram (µg/kg).
4. Wisconsin Administrative Code (WAC) Chapter NR 140 Groundwater Enforcement Standards (ESs) are provided for reference where established.
5. The standards for the trimethylbenzene isomers are for a total of the two isomers.
6. Only common petroleum VOCs and other 8260 VOCs detected are listed.
7. Results above laboratory detection limits provided in **bold** and results exceeding ESs are **underlined**.

LONGVIEW FIBRE PAPER AND PACKAGING, INC. BUILDING



Vienna Ave

N. 2nd Street

Alley

LEGEND

- GP-5 ● Geoprobe Soil Boring
- MW-1 ● Monitoring Well
- R/W --- Road Right-of-Way
- ⊥ --- Road Center Line

OPERATOR: CLK  
 PROJ MGR: BGF  
 DESIGNED BY: BGF  
 REVIEWED BY: JCO  
 DATE: 11/8/06

APPROXIMATE SCALE 1"=30'  
 0 15' 30'

JOB NO.  
 150936.20

LONGVIEW FIBRE PAPER AND PACKAGING, INC.  
 3832 N. 3rd Street  
 Milwaukee, Wisconsin

APPROXIMATE EXTENT OF  
 SOIL IMPACT

**GZA** | GZA  
 GeoEnvironmental, Inc.  
 20900 Swenson Drive, Suite 150, Waukesha, Wisconsin 53186  
 Phone (262) 754-2560 • Fax (262) 754-9711  
 www.gza.com

FIGURE NO.  
 1



## Longview Fibre Company

Value-Added Products • Sustainable Forestry

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May 24, 2006

Ms. Pamela Mylotta  
Wisconsin Department of Natural Resources  
2300 North Dr. Martin Luther King Drive  
Milwaukee, WI 53212-3128

Re: Statement of Responsible Party  
3832 North 3<sup>rd</sup> Street, Milwaukee, Wisconsin

Dear Ms. Mylotta:

As required for site closure under the Wisconsin Department of Natural Resources Geographic Information System Registry of Closed Remediation Sites, Longview Fibre Paper and Packaging Inc., previously identified as the responsible party for the impacts identified in the attached Closure Request for the site located at 3832 North 3<sup>rd</sup> Street, Milwaukee, Wisconsin, believes that the legal description for the site being submitted to the Wisconsin Department of Natural Resources is complete and accurate.

Regards,

A handwritten signature in blue ink that reads "Alan D. Whitford".

Alan D. Whitford  
Longview Fibre Paper and Packaging Inc.

May 31, 2006  
File No. 150936.20

Milwaukee City Engineering  
Frank P. Ziedler Municipal Bldg, Room 701  
841 North Broadway St.  
Milwaukee, Wisconsin 53202



Attention: Mr. Jeffery S. Polenske, City Engineer

Subject: Notification of Groundwater Contamination in the  
West Vienna Street Right-of-Way  
Adjacent to the Longview Fibre Paper and Packaging, Inc. Property  
3832 North 3<sup>rd</sup> Street, Milwaukee, Wisconsin ("Site")  
BRRS Case # 02-41-525131

20900 Swenson Drive  
Suite 150  
Waukesha  
Wisconsin  
53186  
262-754-2560  
Fax: 262-754-9711  
www.gza.com

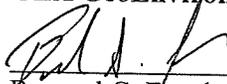
Dear Mr. Polenske:

On behalf of Longview Fibre Paper and Packaging, Inc. ("Longview"), GZA GeoEnvironmental, Inc. ("GZA") is providing the City of Milwaukee with notification of the presence of groundwater contamination on the property owned by Longview within the West Vienna Street right-of-way adjacent to the south side of the facility at 3832 North 3<sup>rd</sup> Street, Milwaukee, Wisconsin. Vinyl chloride was detected at concentrations above Wisconsin Administrative Code Chapter NR 140 groundwater Enforcement Standard ("ES") at up to 4.5 micrograms per liter in groundwater samples collected from a monitoring well on the north boundary of the right-of-way and south side of Longview's property.

Should you have any questions or require additional information, please contact Ms. Pamela Mylotta of the Wisconsin Department of Natural Resources (414-263-8758) or the undersigned at your convenience.

Very truly yours,

**GZA GeoEnvironmental, Inc.**

  
\_\_\_\_\_  
Bernard G. Fenelon P.G.  
Senior Project Manager  
Hydrogeologist

*J:\900TO999\150936 Longview\20 Closure Request\Right-of-Way Notification Letter.doc*

c: Ms. Pamela Mylotta, Wisconsin Department of Natural Resources  
Mr. Ronald D. Leonhardt, City of Milwaukee, City Clerk, 200 East Wells St., Rm 2005,  
53202  
David P. Misky, Health Department 841 N. Broadway, 3rd Floor, 53202  
Mr. David Mendenhall, Longview Fibre Paper and Packaging, Inc  
Ms. Tanya O'Neill, Foley and Lardner

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