

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 #:	03-41-120561	(No Dashes)	PARCEL ID #:	4260033120
ACTIVITY NAME:	EMMBER FOODS INC AREA 8		WTM COORDINATES:	X: 688518 Y: 286100

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

- 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**

- 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.
- 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:**
- 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.
- 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 #:**                      **Title:**
  - 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 #:**                      **Title:**
  - 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 #: 1**                      **Title: Extent of Benzene Impacts in Soil**

BRRTS #: 03-41-120561

ACTIVITY NAME: EMMBER FOODS INC AREA 8

**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 #: 3**                      **Title: Geologic Cross Section A- A'**

**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 #: 5**                      **Title: Area 8 - Groundwater Quality Map**

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

**Figure #: 4**                      **Title: Groundwater Elevation Contour Map (5-14-03)**

**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 #:**                      **Title: Soil Quality Data**

- 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 #: 3**                      **Title: Groundwater Analytical Results**

- 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 #: 1**                      **Title: Dept to Groundwater and Water Level Elevations**

**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 #: 03-41-120561

ACTIVITY NAME: EMMBER FOODS INC AREA 8

## 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.

**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:**

**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: 1**



# Checklist of Documents for GIS Registry Packet

WI DNR, Bureau for Remediation and Redevelopment, PUB-RR-688

(Include with closure request – please assemble in this order. This checklist applies to closure requests for sites with groundwater exceeding ch. NR 140 standards and/or soil contamination exceeding ch. NR 720 generic or site specific residual contaminant levels (RCLs).)

GIS PKT  
Complete  
7/28/04  
NW

- One-time fee of \$250.00 for groundwater, and/or
- \$200 for soil, for each case closed, for maintenance of the registry.

To: Victoria Stovell

?

- Copies of the most recent deed including legal descriptions, for all properties within or partially within the contaminated site boundaries. (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.)

- A copy of the certified surveyed 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. lot2 of xyz subdivision))

not included too large

- Parcel identification number for each property, if the county in which the property is located uses parcel identification numbers.

- Geographic position of all properties within or partially within the contaminated site boundaries. The coordinates need to be for a spot located at least 40 feet inside the property boundary. Refer to NR 716.15(2)(d)7, and (k). The coordinates must be in WTM91 projection. See the following WDNR website address for assistance: [www.dnr.state.wi.us/org/at/et/geo/gwur/index.htm](http://www.dnr.state.wi.us/org/at/et/geo/gwur/index.htm).

NEED WDM

- A location map which outlines all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit the easy location of all parcels. If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200 feet of the site. (If only one parcel, combine with next item.)

See other Figures

- A map of all contaminated properties within site boundaries, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. This map shall also 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 ch. NR 140 enforcement standards, and/or in relation to the boundaries of soil contamination exceeding generic or site-specific residual contaminant levels as determined under s.. NR 720.09, 720.11 and 720.19. See other Figures

- A table of the most recent analytical results, with sample collection dates: from all monitoring wells, and any potable wells for which samples have been collected for groundwater, and/or showing results for all contaminants found in pre-remedial sampling and in the most recent soil sampling event, for soils (without shading/crosshatching).

- An isoconcentration map, if required as part of the site investigation (SI), of the contaminated properties within the site boundaries. The map should include the areal extent of groundwater contamination exceeding PALs and ESs, groundwater flow directions based on the most recent data, and sample collection dates. If an isoconcentration map was not required as part of the SI, substitute a map showing the horizontal extent of contamination, based on the most recent data.

- A table of the previous 4 water level elevation measurements from all monitoring wells, at a minimum, with the date measurements were made, is to be included. If present, free product is to be noted on the table. In addition, a groundwater flow direction map, representative of groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, 2 groundwater flow maps showing the maximum variation in flow direction are to be submitted

- For sites closing with residual soil contamination, include a map showing the location of all soil samples and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds generic or site specific residual contaminant levels.

- A geologic cross section, if required as part of the SI, showing vertical extent and location of residual soil contamination exceeding generic or site specific RCLs and residual groundwater contamination, source extent and location; isoconcentrations for all groundwater contaminants that exceed PALs that remain when closure is requested; water table and piezometric elevations, and the location and elevation of geologic units, bedrock, and confining units, if any.

- A statement signed by the responsible party, which states that he or she believes that the legal descriptions attached to the statement are complete and accurate. (The point here is that the legal descriptions are describing the correct (i.e. contaminated) properties.)

- A copy of the letters sent by the RP to all owners of properties with groundwater exceeding ESs (including the current source-property owner, if the RP is not the current source-property owner.) (Off source properties are listed separately with a link to the source property.) - not included

- A copy of all written notifications provided (to City/village/municipality/state agency or other responsible for maintenance) of a public street or highway or railroad right-of-way, within or partially within the boundaries of the contaminated site, for contamination exceeding groundwater ESs and/or soil exceeding generic or site specific RCLs.



April 17, 2017

Michael Richtig  
Corporate Environmental Manager  
Cargill Animal Protein  
151 N. Main  
Wichita, KS 67202

**KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS**

SUBJECT: Final Case Closure with Continuing Obligations  
Emmber Foods Area 8, 200 S Emmber Lane, Milwaukee WI 53233  
DNR BRRTS Activity #: 03-41-120561  
FID#: 241255740

Dear Mr. Richtig:

The Department of Natural Resources (DNR) considers Emmber Foods Area 8 closed, with continuing obligations. No further investigation or remediation is required at this time. However, you, future property owners and occupants must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read over this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter to anyone who purchases, rents or leases this property from you.

This final closure decision is based on the correspondence and data provided, and is issued under chs. NR 726 and 727, Wis. Adm. Code. The DNR Southeast Region granted conditional closure for this site in September 30, 2008 pending the abandonment of monitoring wells.

This case is associated with a former 4,000 gallon leaking underground storage tank and gasoline refueling station used in conjunction with the forklift repair facility. The storage tank was removed in January, 1989. Site assessments discovered petroleum VOC impacts to soils and groundwater associated with the underground storage tank leak. Closure was denied by the department February 1, 2001. Further groundwater monitoring was requested in order to establish declining trends in benzene concentrations. This information was received in 2004 and conditional closure pending the abandonment of monitoring wells was granted by the department in 2008. Monitoring wells were kept open for site-wide groundwater monitoring associated with Peck Foods Corp (BRRTS # 02-41-000674). The department granted closure for Peck Foods Corp on January 30, 2017. Monitoring well abandonment forms for monitoring wells located within Emmber Foods Area 8 were received by the department on February 22, 2017. The department now considers this case closed with continuing obligations. The conditions of closure and continuing obligations required were based on the property being used for industrial purposes.

Continuing Obligations

The continuing obligations for this site are summarized below. Further details on actions required are found in the section Closure Conditions.

- Residual soil contamination exists that must be properly managed should it be excavated or removed.



The DNR fact sheet “Continuing Obligations for Environmental Protection,” RR-819, helps to explain a property owner’s responsibility for continuing obligations on their property. The fact sheet may be obtained at <http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf>.

#### GIS Registry

This site will be included on the Bureau for Remediation and Redevelopment Tracking System (BRRTS on the Web) at <http://dnr.wi.gov/topic/Brownfields/rrsm.html>, to provide public notice of residual contamination and of any continuing obligations. The site can also be viewed on the Remediation and Redevelopment Sites Map (RRSM), a map view, under the Geographic Information System (GIS) Registry layer, at the same web address.

DNR approval prior to well construction or reconstruction is required for all sites shown on the GIS Registry, in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. This requirement applies to private drinking water wells and high capacity wells. To obtain approval, complete and submit Form 3300-254 to the DNR Drinking and Groundwater program’s regional water supply specialist. This form can be obtained on-line at <http://dnr.wi.gov/topic/wells/documents/3300254.pdf>.

All site information is also on file at the Southeast Regional DNR office, at 2300 N Dr. Martin Luther King Jr. Dr., Milwaukee, WI. This letter and information that was submitted with your closure request application, including any maps, can be found as a PDF in BRRTS on the Web.

#### Closure Conditions

Compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. If these requirements are not followed, the DNR 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.

Please send written notifications and inspection reports in accordance with the following requirements to:

Department of Natural Resources  
Attn: Remediation and Redevelopment Program Environmental Program Associate  
2300 N Dr. Martin Luther King Jr. Dr.  
Milwaukee, WI 53212

#### Residual Soil Contamination (ch. NR 718, or ch. 289, Stats.; chs. 500 to 536, Wis. Adm. Code)

Soil contamination remains in the former Gasoline UST area, around former borings B-1, B-3, and B-4, as indicated on the attached map, “Extent of Benzene Impacts in Soil” (Figure 1), dated February 13, 2004. 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 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. Contaminated soil may be managed in accordance with ch. NR 718, Wis. Adm. Code, with prior DNR approval.

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.

Depending on site-specific conditions, construction over contaminated soils or groundwater may result in vapor migration of contaminants into enclosed structures or migration along newly placed underground utility lines. The potential for vapor inhalation and means of 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.

### Other Closure Information

#### Sites with Historic Fill

Information presented in the site investigation report indicates that subsurface materials consist of historic fill material. As such, the property owner must comply with any conditions required by solid waste rules in ch. NR 500 Wis. Adm. Code rules series as long as any waste materials remain in place. Any future redevelopment of this property must take into account consideration of the presence of waste materials and will require the issuance of an exemption from the DNR to build on an abandoned landfill prior to the start of any construction. Please refer to the Development at Historic Fill Site or Licensed Landfill guidances for further information at <http://dnr.wi.gov/topic/landfills/development.html>.

#### Chapter NR 140, Wis. Adm. Code Exemption

Groundwater monitoring data at this site indicates that for Benzene at monitoring wells MW-802 and MW-803, contaminant levels exceed the NR 140 preventive action limit (PAL) but are below the enforcement standard (ES). The DNR 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. [Note: at this site the point of standards application is all points where groundwater is monitored.]
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 DNR believes that these criteria have been or will be met. Based on periodic groundwater monitoring spanning several years, benzene concentrations are stable and the enforcement standard will not be exceeded. Therefore, pursuant to s. NR 140.28, Wis. Adm. Code, an exemption to the PAL is granted for benzene at MW-802 and M2-803. Please keep this letter, because it serves as your exemption.

#### PECFA Reimbursement

Section 101.143, Wis. Stats., requires that Petroleum Environmental Cleanup Fund Award (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 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. If there is equipment purchased with PECFA funds remaining at the site, contact the DNR Program to determine the method for salvaging the equipment.

Per Wisconsin Act 55 (2015 State budget), a claim for PECFA reimbursement must be submitted within 180 days of incurring costs (i.e., completing a task). If your final PECFA claim is not submitted within 180 days of incurring the costs, the costs will not be eligible for PECFA reimbursement.

#### In Closing

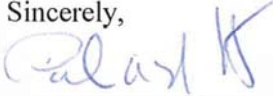
Please be aware that the case may be reopened pursuant to s. NR 727.13, Wis. Adm. Code, for any of the following situations:

- 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,
- if the property owner does not comply with the conditions of closure, with any deed restrictions applied to the property, or with a certificate of completion issued under s. 292.15, Wis. Stats, or
- a property owner fails to maintain or comply with a continuing obligation (imposed under this closure approval letter).

The DNR 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 Margaret Brunette at (414) 263-8557, or at [Margaret.Brunette@wisconsin.gov](mailto:Margaret.Brunette@wisconsin.gov).

Sincerely,



Pamela Mylotta  
Southeast Region Team Supervisor  
Remediation & Redevelopment Program

Attachments:

- Conditional Closure Decision With Requirements to Achieve Final Closure, September 30, 2008
- Groundwater quality map, Figure 5, February 13, 2004
- Extent of Benzene Impacts to Soil, Figure 1, February 13, 2004

cc: Sigma Group  
1300 West Canal Street  
Milwaukee, WI 53233

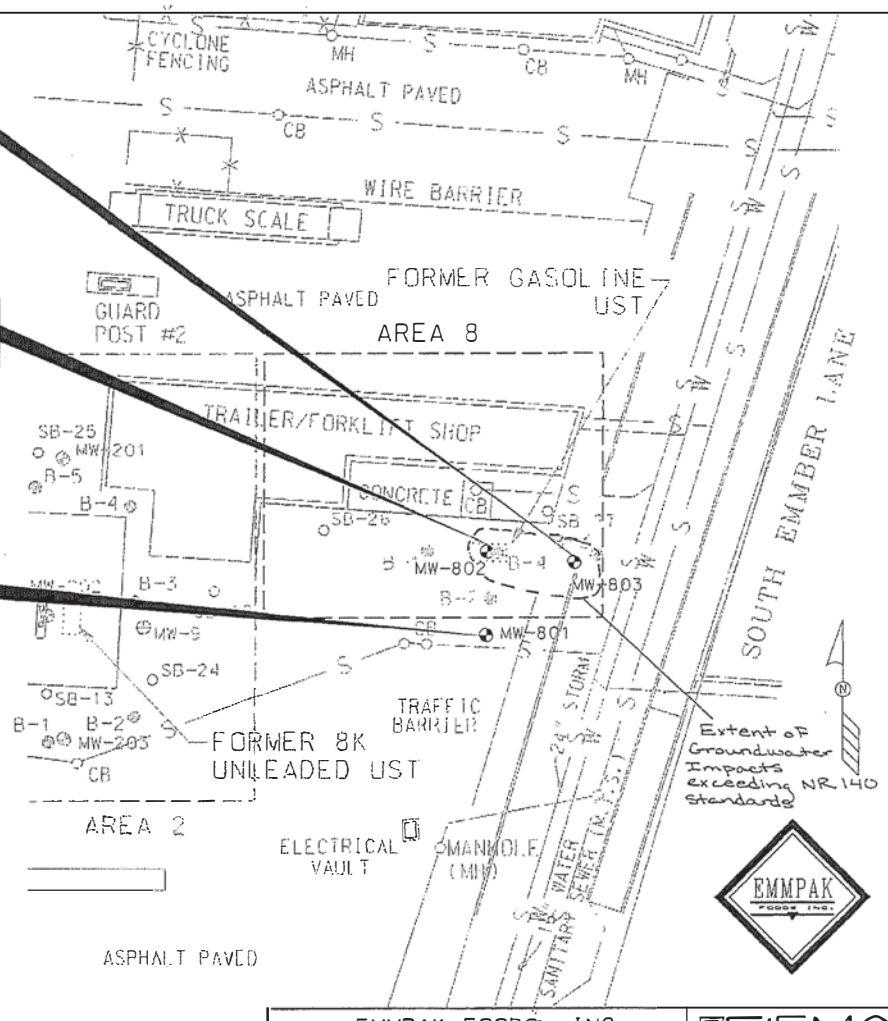
DNR Case File



MW-803	DATE	8-19-97	11-19-97	2-19-98	5-20-98	8-24-98	11-17-98	2-15-99	5-3-99	3-13-01	5-30-01	2-14-02	5-14-03
BENZENE	<LOO	<LOO	<LOO	(1.4)	(0.74)	(0.88)	(2.1)	(5.9)	(11)	(3.7)	(5.5)	(4.7)	
n-BUTYL BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<LOO	
sec-BUTYL BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<LOO	
TOLUENE	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	
ETHYL BENZENE	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	
ISOPROPYL BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<LOO	
TOTAL XYLENE	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	0.33	<LOO	
METHYL-TERT-BUTYL ETHER	31	11	<LOO	<LOO	6.3	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	
1,2,4-TRIMETHYL BENZENE	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	0.5	<LOO	<LOO	<LOO	
1,3,5-TRIMETHYL BENZENE	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	

MW-802	DATE	8-19-97	11-19-97	2-19-98	5-20-98	8-24-98	11-17-98	2-15-99	5-3-99	3-13-01	5-30-01	2-14-02	5-14-03
BENZENE	4.5/(3.9)	(133)/(12)	(78)/(83)	(52)/(68)	(17)/(17)	(2.6)	(100)	(100)	(110)	(68)/(69)	(13)/(11)	(27)/(20)	(2.9)
n-BUTYL BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.03
sec-BUTYL BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.935
TOLUENE	<LOO	<LOO	<LOO	0.92/1.2	0.37/0.36	<LOO	23	8.6/8.8	<LOO	<LOO	0.3/0.3	<LOO	
ETHYL BENZENE	<LOO	<LOO	11/13	8.8/11	<LOO	<LOO	6.2	6.2/6.2	7.1	1.8/1.4	1.6/1.6	0.61	
ISOPROPYL BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.88	
TOTAL XYLENE	<LOO	0.54/0.56	0.5/11	13/15	1.29/1.26	0.56	9.2	7.7/7.9	2.8	0.50/0.51	0.8/0.83	0.549	
METHYL-TERT-BUTYL ETHER	6.3/6.5	<LOO	<LOO	<LOO	6.7/7.3	8.9	2.5	15/14	<LOO	3.5/3.0	3.0/3.0	1.46	
1,2,4-TRIMETHYL BENZENE	<LOO	<LOO	14/17	16/19	0.69/0.63	<LOO	3.6	4.9/4.9	4.3	0.95/0.97	0.23	<LOO	
1,3,5-TRIMETHYL BENZENE	<LOO	<LOO	5.6/8.3	<LOO	2.4/2.3	0.51	1.9	2.6/2.6	3.7	<LOO	0.57/0.58	<LOO	

MW-801	DATE	8-19-97	11-19-97	2-19-98	5-20-98	8-24-98	11-17-98	2-15-99	5-3-99	3-13-01	5-30-01	2-14-02	5-14-03
BENZENE	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	(8.22)	<LOO	<LOO	<LOO	<LOO	
n-BUTYL BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<LOO	
sec-BUTYL BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<LOO	
TOLUENE	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	
ETHYL BENZENE	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	0.29	0.54	<LOO	<LOO	<LOO	
ISOPROPYL BENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<LOO	
TOTAL XYLENE	<LOO	<LOO	<LOO	0.23	<LOO	<LOO	0.29	0.51	0.56	<LOO	0.42	<LOO	
METHYL-TERT-BUTYL ETHER	0.88	<LOO	<LOO	7	5.3	3.7	8.8	8.6	1.7	5.5	7.9	5.62	
1,2,4-TRIMETHYL BENZENE	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	0.31	0.22	<LOO	<LOO	<LOO	<LOO	
1,3,5-TRIMETHYL BENZENE	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	



**LEGEND**

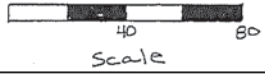
- MW-○ = SIGMA MONITORING WELL
- E-○ = SIGMA SOIL BORING
- MW-□ = CDW MONITORING WELL
- SB-● = CDW SOIL BORING LOCATION
- = FORMER UST LOCATION

**ANALYTICAL KEY**

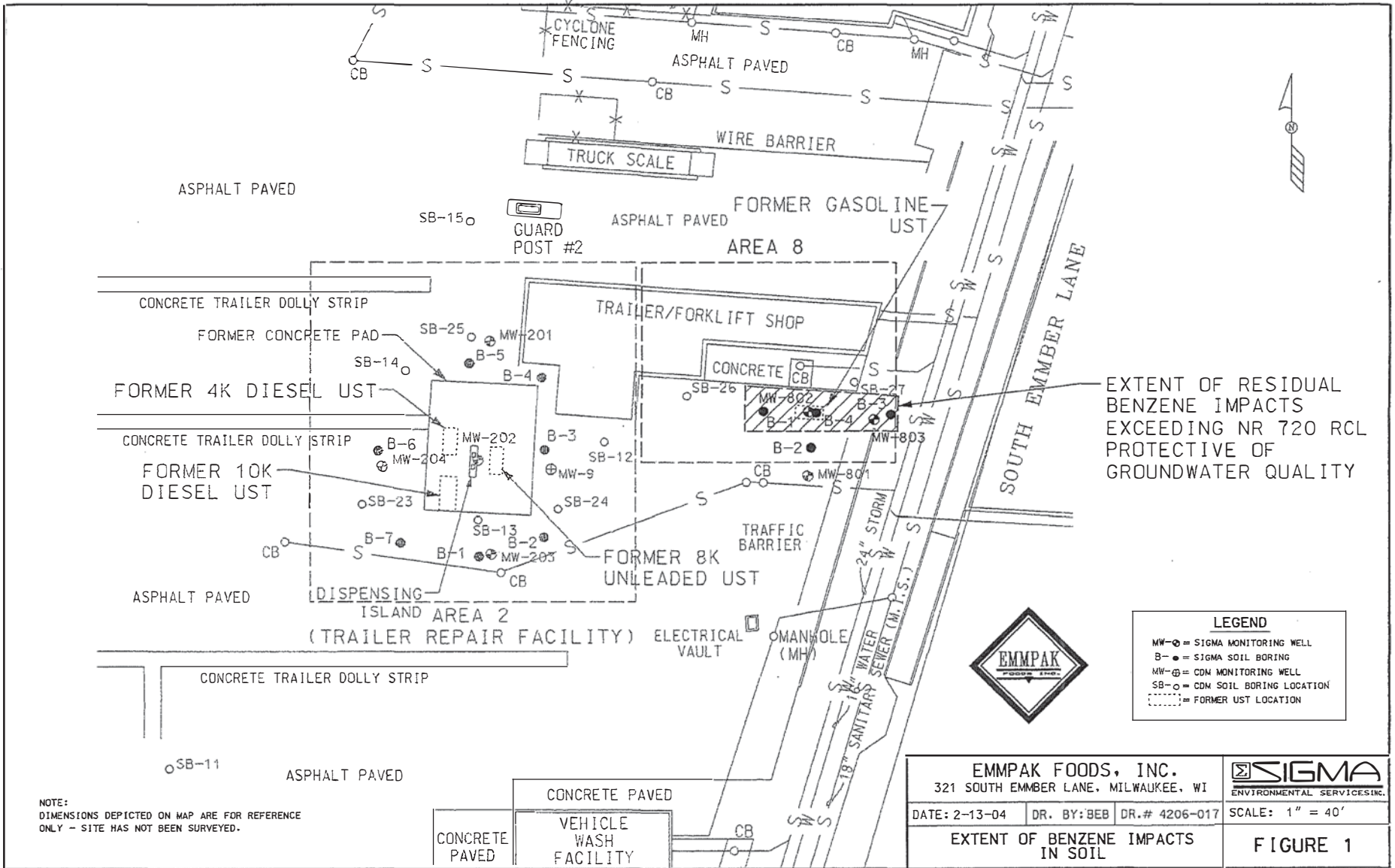
- NA = NOT ANALYZED
- <LOO = LESS THAN LABORATORY LEVEL OF QUANTIFICATION
- [ ] = CONCENTRATION EXCEEDS NR 140 ES
- ( ) = CONCENTRATION EXCEEDS NR 140 PAL

ALL RESULTS EXPRESSED IN MICROGRAMS PER LITER (UG/L)

NOTE: DIMENSIONS DEPICTED ON MAP ARE FOR REFERENCE ONLY - SITE HAS NOT BEEN SURVEYED.



EMMPAK FOODS, INC. 321 SOUTH EMBER LANE, MILWAUKEE, WI			SIGMA ENVIRONMENTAL SERVICES INC.
DATE: 2-13-04	DR. BY: BEB	DR. # 4206-019	
AREA 8 - GROUNDWATER QUALITY MAP			FIGURE 5



NOTE:  
DIMENSIONS DEPICTED ON MAP ARE FOR REFERENCE  
ONLY - SITE HAS NOT BEEN SURVEYED.

EXTENT OF RESIDUAL  
BENZENE IMPACTS  
EXCEEDING NR 720 RCL  
PROTECTIVE OF  
GROUNDWATER QUALITY

LEGEND	
MW-⊙	= SIGMA MONITORING WELL
B-●	= SIGMA SOIL BORING
MW-⊕	= CDM MONITORING WELL
SB-○	= CDM SOIL BORING LOCATION
⋯	= FORMER UST LOCATION

<b>EMPAK FOODS, INC.</b> 321 SOUTH EMBER LANE, MILWAUKEE, WI		
DATE: 2-13-04	DR. BY: BEB	DR.# 4206-017
EXTENT OF BENZENE IMPACTS IN SOIL		SCALE: 1" = 40'  <b>FIGURE 1</b>

FID # 241255740



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 53212-0436  
Telephone 414-263-8500  
FAX 414-263-8716  
TTY 414-263-8713

September 30, 2008

Ms. Shaunell Morgan, Environmental Supervisor  
Cargill Meat Solutions  
200 S. Emmbur Lane  
Milwaukee, WI 53233

Subject: Conditional Closure Decision,  
With Requirements to Achieve Final Closure  
Emmpak Foods, Inc. Area 8, 200 S. Emmbur Lane,  
Milwaukee, Wisconsin  
WDNR BRRTS Activity # 03-41-120561

Dear Ms. Morgan:

On September 30, 2008, the Department of Natural Resources reviewed your request for closure of the case described above. 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 the vicinity of an underground storage tank removed from the property 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:

**MONITORING WELL ABANDONMENT**

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 Margaret Brunette on Form 3300-005 found at <http://dnr.wi.gov/org/water/dwg/gw/> or provided by the Department of Natural Resources.

When the above conditions have been satisfied, please submit the appropriate documentation (for example, well abandonment forms, disposal receipts, copies of correspondence, etc.) to verify that applicable conditions have been met, and your case will be closed. **[DELETE THE FOLLOWING IF NOT APPLICABLE]** 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 site on the GIS Registry web page, visit the RR Sites Map page at: <http://dnr.wi.gov/org/aw/rr/gis/index.htm>.

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

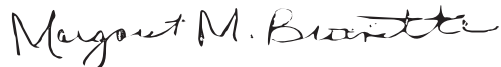


PECFA reimbursement. If there is equipment purchased with PECFA funds remaining at the site, contact the Commerce PECFA Program to determine the method for salvaging the equipment.

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.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (414)263-8557.

Sincerely,

A handwritten signature in cursive script that reads "Margaret M. Brunette".

Margaret M. Brunette  
Hydrogeologist  
Bureau for Remediation & Redevelopment

---

Legal Description for Area 8: 321 S. Emmber Lane, Milwaukee, Wisconsin 53233

Being Part of the Northeast  $\frac{1}{4}$  of the Northeast  $\frac{1}{4}$  of Section 31, Township 7 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin.

Commencing at the northeast corner of the NE  $\frac{1}{4}$  of Section 31, Township 7 North, Range 22 East; thence S  $88^{\circ}41'29''$  W along the north line of said NE  $\frac{1}{4}$  of Section 31, Township 7 North, Range 22 East 623.91 feet; thence S  $14^{\circ}58'29''$  W along the west line of South Emmber Lane 919.21 feet to the Point of Beginning of lands herein to be described;

Thence S  $14^{\circ}58'29''$  W, 92.85 feet;

Thence N  $89^{\circ}53'18''$  W, 91.02 feet;

Thence N  $00^{\circ}07'41''$  E, 40.69 feet;

Thence N  $01^{\circ}20'53''$  E, 10.91 feet;

Thence N  $00^{\circ}49'11''$  E, 25.25 feet;

Thence S  $87^{\circ}20'57''$  E, 31.47 feet;

Thence N  $02^{\circ}36'59''$  E, 18.00 feet;

Thence S  $87^{\circ}19'30''$  E, 82.83 feet; to the Point of Beginning.

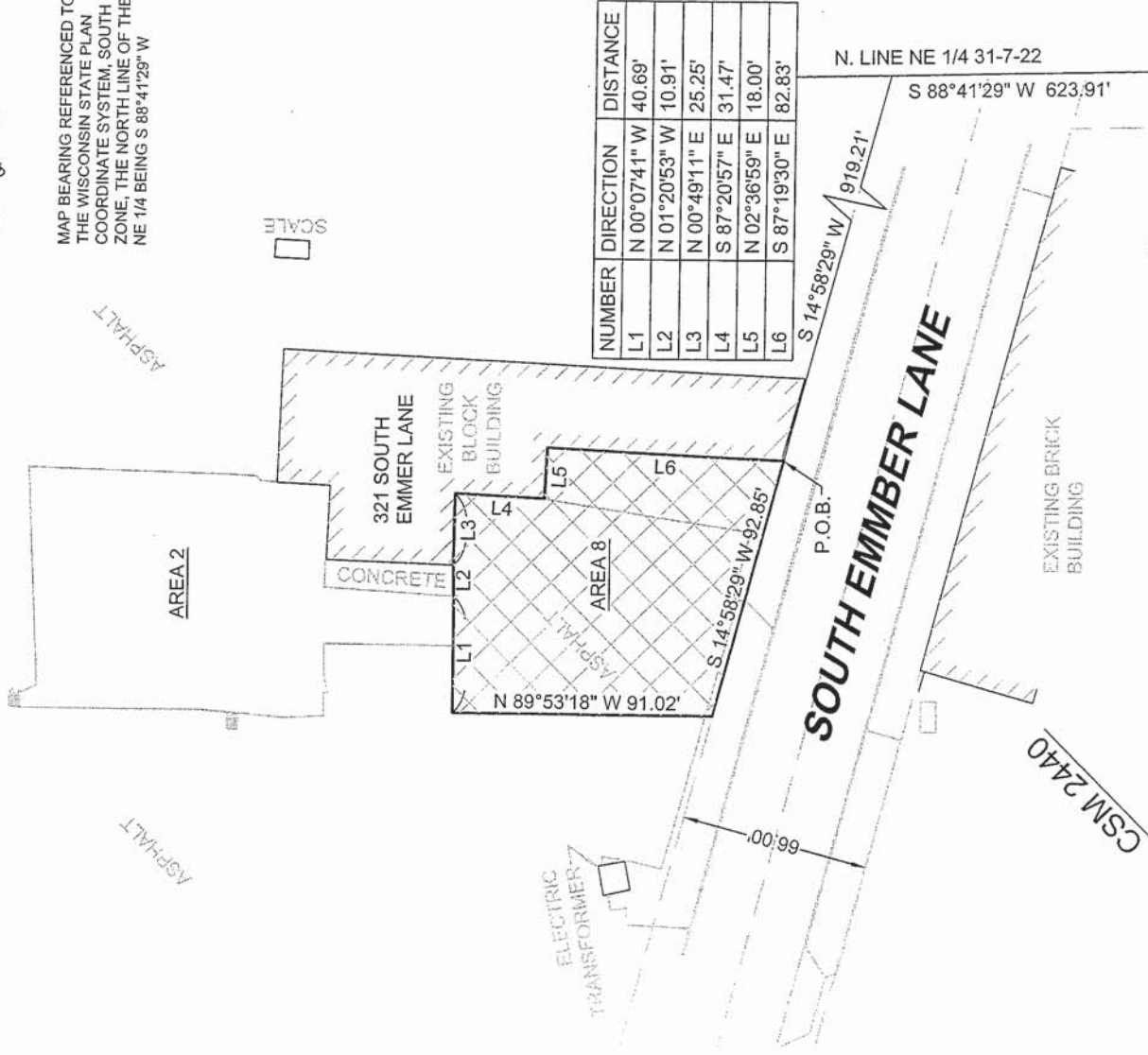
Said parcel containing 8,974.69 square feet or 0.21 acres of land, more or less.

# EXHIBIT AREA 8

BEING A PART OF THE NE 1/4 OF THE NE 1/4 OF SECTION 31, TOWNSHIP 7 NORTH, RANGE 22 EAST, IN THE CITY OF MILWAUKEE, COUNTY OF MILWAUKEE, STATE OF WISCONSIN.



MAP BEARING REFERENCED TO THE WISCONSIN STATE PLAN COORDINATE SYSTEM, SOUTH ZONE, THE NORTH LINE OF THE NE 1/4 BEING S 88°41'29" W



SCALE

NUMBER	DIRECTION	DISTANCE
L1	N 00°07'41" W	40.69'
L2	N 01°20'53" W	10.91'
L3	N 00°49'11" E	25.25'
L4	S 87°20'57" E	31.47'
L5	N 02°36'59" E	18.00'
L6	S 87°19'30" E	82.83'

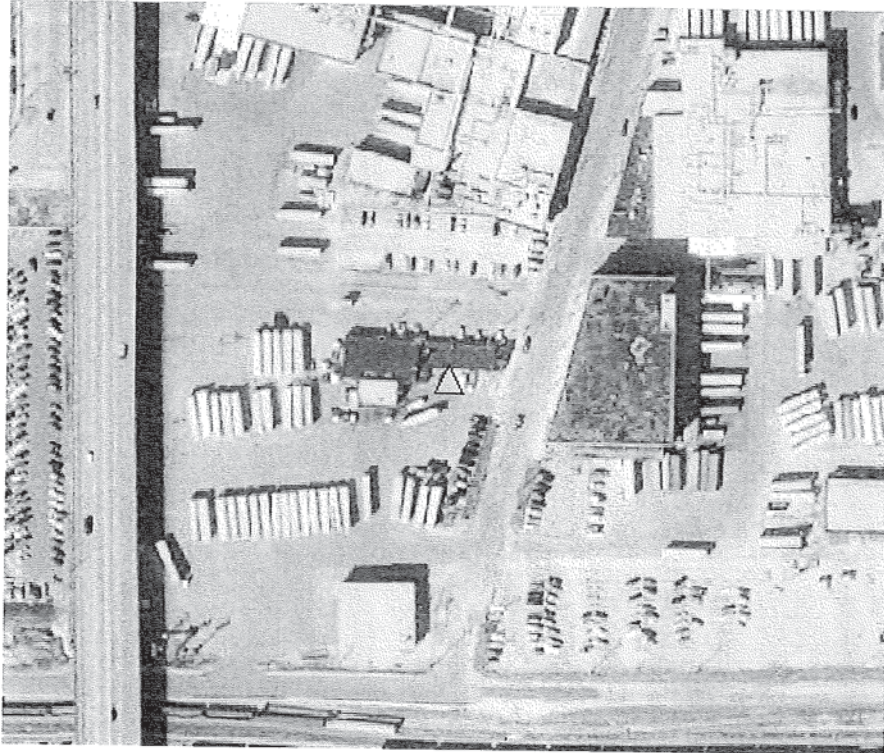


**SIGMA**  
 DEVELOPMENT, INC.  
 1300 WEST CANAL STREET  
 MILWAUKEE, WISCONSIN 53233  
 PHONE: (414) 643-4200  
 FAX: (414) 643-4210



The Parcel Identification number that includes Area 8 is 426-0033-110-2

Scale 1 : 1,072



information.

Please read the documentation for more

△WTM coordinates: 688517, 286105

Emmpak Foods, Inc., the responsible party for the property located at 321 South Emmer Drive (Area 8), Milwaukee, Wisconsin, states that the legal description provided to the Wisconsin Department of Natural Resources (and attached to this statement) for case file reference 03-41-120561 is complete and accurate to the best of our knowledge.

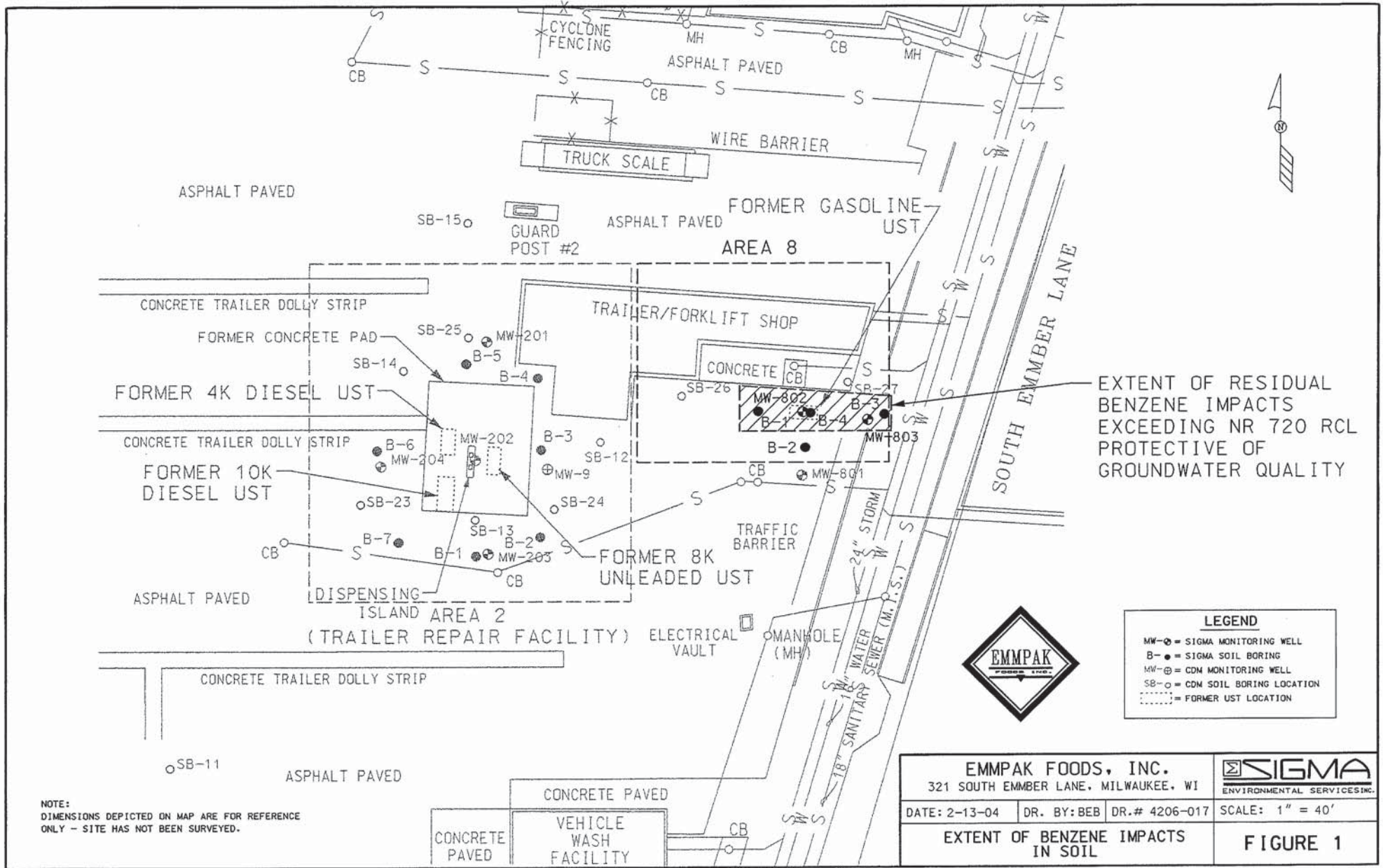
Signature of Representative for Responsible Party:

Date:

Scott Ef

4/22/04





EXTENT OF RESIDUAL  
BENZENE IMPACTS  
EXCEEDING NR 720 RCL  
PROTECTIVE OF  
GROUNDWATER QUALITY

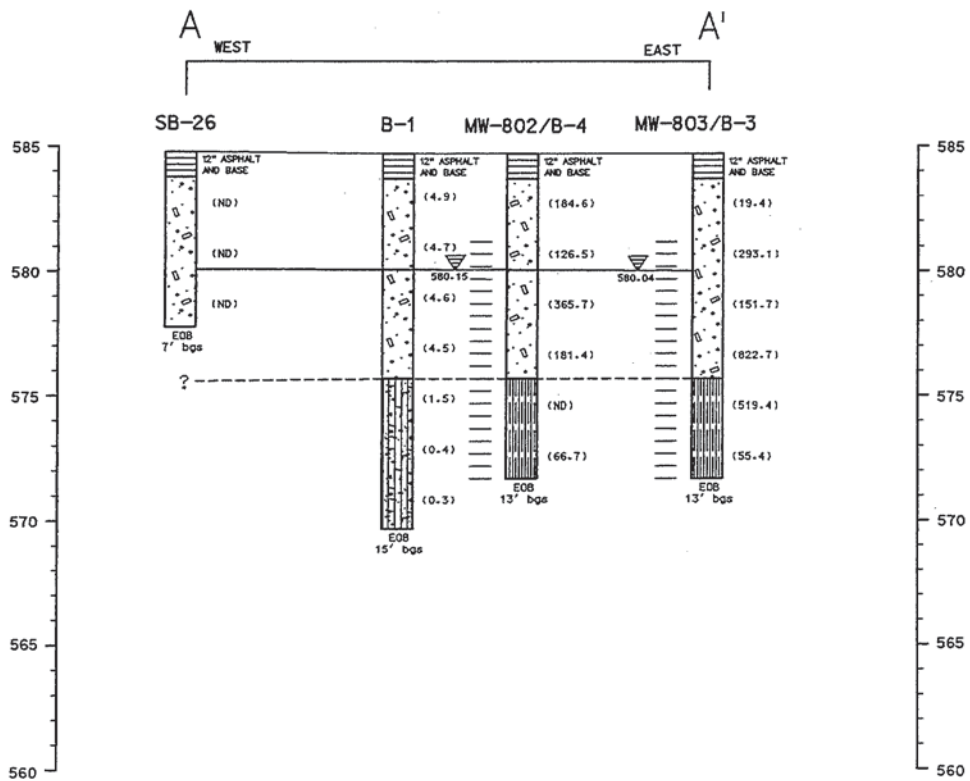
**LEGEND**

- MW-⊕ = SIGMA MONITORING WELL
- B-● = SIGMA SOIL BORING
- MW-⊕ = CDM MONITORING WELL
- SB-○ = CDM SOIL BORING LOCATION
- ..... = FORMER UST LOCATION



NOTE:  
DIMENSIONS DEPICTED ON MAP ARE FOR REFERENCE  
ONLY - SITE HAS NOT BEEN SURVEYED.

<b>EMMPAK FOODS, INC.</b> 321 SOUTH EMBER LANE, MILWAUKEE, WI			
DATE: 2-13-04	DR. BY: BEB	DR.# 4206-017	SCALE: 1" = 40'
<b>EXTENT OF BENZENE IMPACTS IN SOIL</b>			<b>FIGURE 1</b>



ELEVATION RELATIVE TO MEAN SEA LEVEL (IN FEET)

ELEVATION RELATIVE TO MEAN SEA LEVEL (IN FEET)

**USCS SYMBOLS**

SM - SILTY FINE SAND AND SILT WITH TRACE SHELLS AND OCCASIONAL ORGANIC DETRITUS.

OL - SILTY CLAY WITH TRACE SHELLS, AND ORGANIC DETRITUS.

**LEGEND**

= STATIC WATER ELEVATION (11-19-97)

= WELL SCREEN INTERVAL

= FILL MATERIAL, HETEROGENEOUS MIXTURE OF LOOSE, REWORKED SILTY FINE TO COARSE SAND AND GRAVEL, CONTAINING OCCASIONAL FRAGMENTS OF GLASS, PORCELAIN, CINDER-SLAG AND WOOD. LOCALLY-VARIABLE AMOUNTS OF DEMOLITION DEBRIS (i.e. CONCRETE, WOOD, BRICK, ECT.).

NOTES:

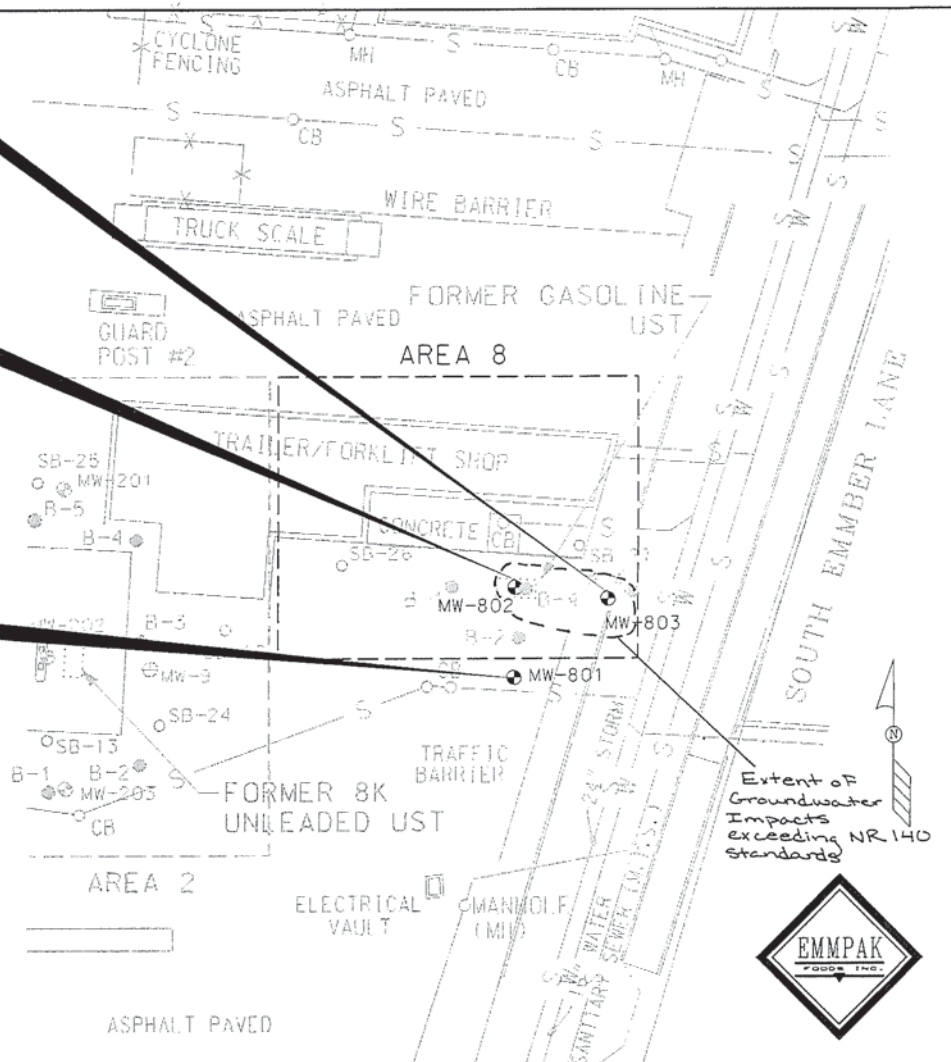
( ) = FIELD FLAMEIONIZATION DETECTOR (FID) VALUES EXPRESSED IN INSTRUMENT UNITS AS METHANE.

EMMPAK FOODS, INC. 321 SOUTH EMMER LANE, MILWAUKEE, WI		SIGMA ENVIRONMENTAL SERVICES INC.
DATE: 1-8-98	DR. BY: TMM	DR.# 4206-007
GEOLOGIC CROSS SECTION A - A'		FIGURE 3

MW-803												
DATE	8-19-97	11-19-97	2-19-98	5-20-98	8-24-98	11-17-98	2-15-99	5-3-99	3-13-01	5-30-01	2-14-02	5-14-03
BENZENE	<LOO	<LOO	<LOO	(1.4)	(0.74)	(0.88)	(2.1)	[5.9]	(11)	(3.7)	(5.5)	(4.7)
n-BUTYLBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<LOO
sec-BUTYLBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<LOO
TOLUENE	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO
ETHYLBENZENE	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO
ISOPROPYLBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<LOO
TOTAL XYLENE	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	0.33	<LOO
METHYL-TERT-BUTYL ETHER	31	11	<LOO	<LOO	6.3	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO
1,2,4-TRIMETHYLBENZENE	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	0.5	<LOO	<LOO	<LOO
1,3,5-TRIMETHYLBENZENE	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO

MW-802												
DATE	8-19-97	11-19-97	2-19-98	5-20-98	8-24-98	11-17-98	2-15-99	5-3-99	3-13-01	5-30-01	2-14-02	5-14-03
BENZENE	4.51/13.91	[133]/[122]	[783]/[683]	[521]/[683]	[173]/[173]	(2.6)	[100]	[100]/[1100]	[681]/[691]	[131]/[111]	[271]/[28]	(2.91)
n-BUTYLBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.03
sec-BUTYLBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.935
TOLUENE	<LOO	<LOO	<LOO	0.92/1.2	0.37/0.36	<LOO	23	8.6/8.8	<LOO	<LOO	0.3/0.3	<LOO
ETHYLBENZENE	<LOO	<LOO	11/13	8.8/11	<LOO	<LOO	6.2	6.2/6.2	7.1	1.8/1.4	1.6/1.6	0.61
ISOPROPYLBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.88
TOTAL XYLENE	<LOO	0.59/0.56	8.5/11	13/16	1.29/1.26	0.56	9.2	7.7/7.9	2.8	0.50/0.51	0.8/0.83	0.549
METHYL-TERT-BUTYL ETHER	6.3/6.5	<LOO	<LOO	<LOO	6.7/7.3	8.9	2.5	15/14	<LOO	3.5/3.0	3.0/3.0	1.46
1,2,4-TRIMETHYLBENZENE	<LOO	<LOO	14/17	16/19	0.69/0.63	<LOO	3.6	4.9/4.9	4.3	0.95/0.97	0.23	<LOO
1,3,5-TRIMETHYLBENZENE	<LOO	<LOO	5.6/8.3	<LOO	2.4/2.3	0.51	1.9	2.6/2.6	3.7	<LOO	0.57/0.58	<LOO

MW-801												
DATE	8-19-97	11-19-97	2-19-98	5-20-98	8-24-98	11-17-98	2-15-99	5-3-99	3-13-01	5-30-01	2-14-02	5-14-03
BENZENE	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	(0.22)	<LOO	<LOO	<LOO	<LOO
n-BUTYLBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<LOO
sec-BUTYLBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<LOO
TOLUENE	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO
ETHYLBENZENE	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	0.29	0.54	<LOO	<LOO	<LOO
ISOPROPYLBENZENE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<LOO
TOTAL XYLENE	<LOO	<LOO	<LOO	0.23	<LOO	<LOO	0.29	0.51	0.56	<LOO	0.42	<LOO
METHYL-TERT-BUTYL ETHER	0.88	<LOO	<LOO	7	5.3	3.7	8.8	8.6	1.7	5.5	7.9	5.62
1,2,4-TRIMETHYLBENZENE	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	0.31	0.22	<LOO	<LOO	<LOO	<LOO
1,3,5-TRIMETHYLBENZENE	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO	<LOO



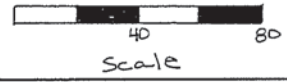
**LEGEND**

- MW-⊕ = SIGMA MONITORING WELL
- B-⊕ = SIGMA SOIL BORING
- MW-⊙ = CDM MONITORING WELL
- SB-⊕ = CDM SOIL BORING LOCATION
- (---) = FORMER UST LOCATION

**ANALYTICAL KEY**

- NA = NOT ANALYZED
- <LOO = LESS THAN LABORATORY LEVEL OF QUANTIFICATION
- [ ] = CONCENTRATION EXCEEDS NR 140 ES
- ( ) = CONCENTRATION EXCEEDS NR 140 PAL

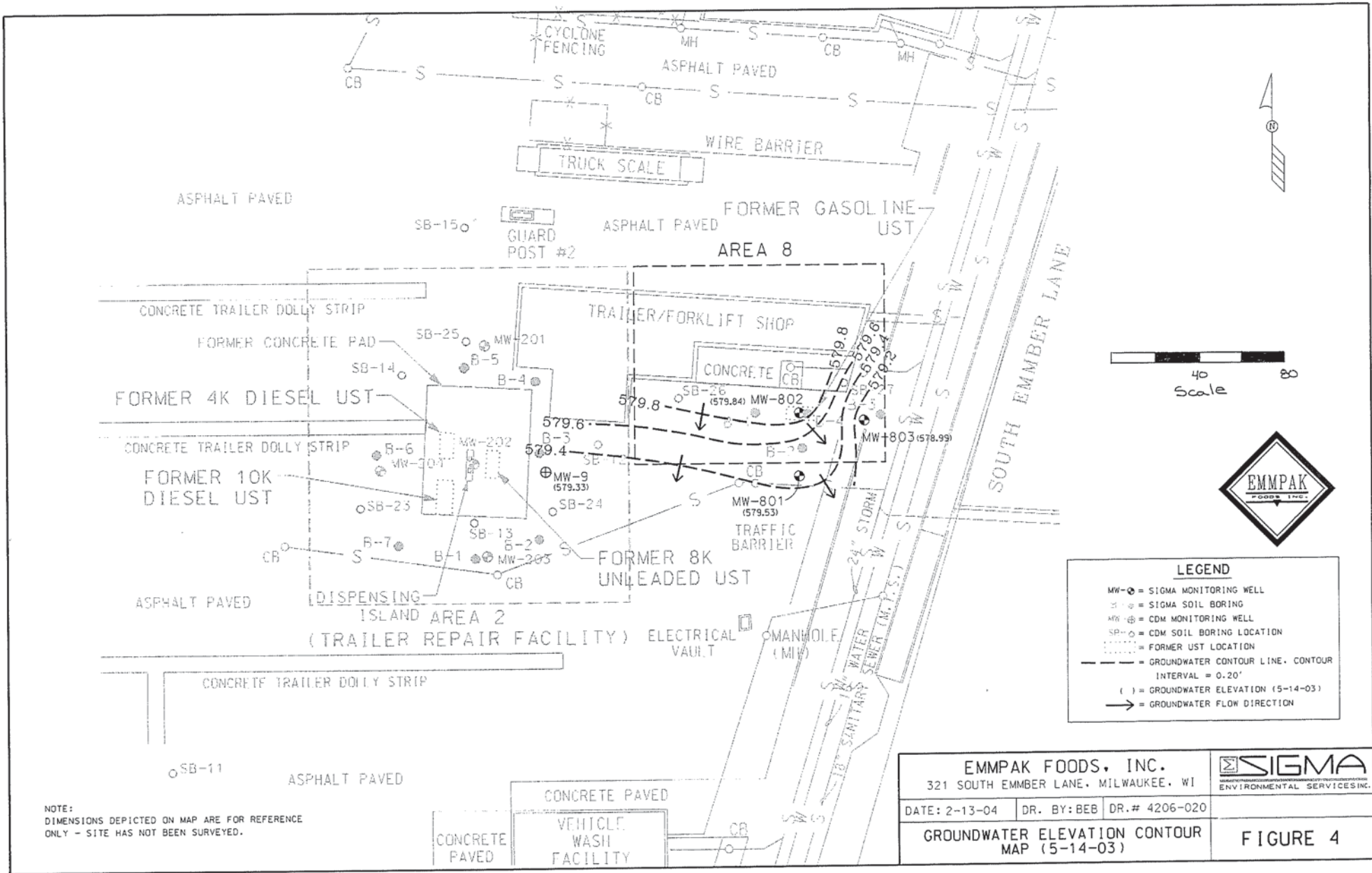
ALL RESULTS EXPRESSED IN MICROGRAMS PER LITER (ug/L)



NOTE: DIMENSIONS DEPICTED ON MAP ARE FOR REFERENCE ONLY - SITE HAS NOT BEEN SURVEYED.

<b>EMPAK FOODS, INC.</b> 321 SOUTH EMBER LANE, MILWAUKEE, WI		 <b>SIGMA</b> ENVIRONMENTAL SERVICES INC.
DATE: 2-13-04	DR. BY: BEB	DR. # 4206-019
<b>AREA 8 - GROUNDWATER QUALITY MAP</b>		<b>FIGURE 5</b>





**Table**  
**Soil Quality Data**  
**Emmpak Foods, Inc.\Area 8 Forklift Repair**  
**321 South Emmer Lane**  
**Milwaukee, Wisconsin**

Sigma Sample ID		B-1	B-2	B-3	B-4	Generic NR 720 Soil Residual Contaminant Levels	NR 746.06 Table 1	NR 746.06 Table 2
MVTL Laboratories, Inc. ID		2501	2502	2503	2504		Soil Screening	Direct Contact
Depth Sample Collected (ft)		3 to 5	3 to 5	5 to 7	5 to 7		Concentrations	Concentrations
Date of Sample Collection		04/07/1997	04/07/1997	04/07/1997	04/07/1997			
<u>Parameter</u>	<u>Units</u>							
GRO	mg/kg	<1.3	<1.4	2.0	35	100	---	---
FID	i.u.m.	0.0	2.6	26.5	238.8	---	---	---
<u>PVOC</u>								
Benzene	µg/kg	<b>19</b>	<18	<b>250</b>	<b>440</b>	5.5	8,500	1,100
Toluene	µg/kg	26	77	20	150	1,500	38,000	---
Ethylbenzene	µg/kg	49	<17	21	200	2,900	4,600	---
Xylenes	µg/kg	<20	<22	117	335	4,100	42,000	---
1,2,4-Trimethylbenzene	µg/kg	<24	<26	<25	500	---	83,000	---
1,3,5-Trimethylbenzene	µg/kg	<13	<14	<14	420	---	11,000	---
Methyl-Tert-Butyl-Ether	µg/kg	<19	<20	<20	<30	---	---	---

**Key**

FID= Flameionization Detector (units reported in instrument units as methane)  
GRO= Gasoline Range Organics  
PVOC= Petroleum Volatile Organic Compounds  
mg/kg= Milligrams per Kilogram  
µg/kg= Micrograms per Kilogram

**TABLE 3**  
**GROUNDWATER ANALYTICAL RESULTS**  
**EMMPAK FOODS, INC./FORKLIFT REPAIR (AREA 8)**  
 321 South Emmer Lane  
 Milwaukee, Wisconsin

Analyte	units	MW-801												ES	PAL	
		8/19/1997	11/19/1997	2/19/1998	5/20/1998	8/24/1998	11/17/1998	2/15/1999	5/3/1999	3/13/2001	5/30/2001	2/14/2002	5/14/2003			
Date Sampled																
Soluble Lead	µg/L	<0.89	<0.89	<0.89	<0.89	<2.7	<0.89	<1.2	<1.2	NA	NA	NA	NA	15	1.5	
Benzene	µg/L	<0.31	<0.13	<0.13	<0.13	<0.27	<0.13	<0.13	0.22	<0.13	<0.13	<0.13	<0.5	5.0	0.5	
n-Butylbenzene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	---	---	
sec-Butylbenzene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	---	---	
Toluene	µg/L	<0.39	<0.20	<0.20	<0.20	<0.27	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.5	1000	200	
Ethylbenzene	µg/L	<0.38	<0.22	<0.22	<0.22	<0.32	<0.22	<0.22	0.29	0.54	<0.22	<0.22	<0.5	700	140	
Isopropylbenzene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	---	---	
Xylenes	µg/L	<1.1	<0.23	<0.23	0.23	<0.24	<0.23	0.29	0.51	0.56	<0.23	0.42	<0.5	10000	1000	
Methyl-tert-butyl ether	µg/L	0.88	<0.16	<0.16	7	5.3	3.7	8.8	8.6	1.7	5.5	7.9	5.62	60	12	
1,2,4-Trimethylbenzene	µg/L	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	0.31	0.22	<0.22	<0.22	<0.22	<1.0	480	96	
1,3,5-Trimethylbenzene	µg/L	<0.29	<0.29	<0.29	<0.29	<0.27	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<1.0	480	96	
Sulfate	mg/L	80	72	36	31	<2.0	48	72	NA	NA	NA	NA	NA	250	125	
Dissolved Oxygen (DO)	mg/L	0.19	0.33	0.49	0.3	0.26	0.6	0.68	0.56	0.19	0.17	0.20	NA	---	---	
Ferrous Iron	mg/L	5	4	4	3.5	9.4	6.5	6	4.0	4.2	4.0	3.8	NA	---	---	
Oxidation/Reduction Potential	mV	NA	7.4	-48.6	-50.1	197.2	-98.1	-76.1	-131.9	-48.4	-49.7	-45.6	NA	---	---	
N-Nitrate	mg/L	<1.0	0.76	0.64	<0.55	<0.026	1.5	1.4	NA	NA	NA	NA	NA	10	2.0	
Dissolved Manganese	mg/L	2.1	1.1	1.1	1	1.3	1.3	1.4	NA	NA	NA	NA	NA	0.05	0.025	
pH	---	7.0	6.8	7.1	7.3	7.3	7.0	7.0	7.0	7.0	7.0	7.0	7.0	---	---	
Temperature	° C	22.2	12.9	6.1	17.4	24.4	14	13.8	14.2	7.2	7.8	9.2	10.5	---	---	

Key:  
 µg/L = micrograms per Liter  
 mg/L = milligrams per Liter  
 ES = Wis Admin Code, NR 140 Groundwater Quality Enforcement Standard.  
 PAL = Wis Admin Code, NR 140 Groundwater Quality Preventive Action Limit.  
 MW-801 = Monitoring well nomenclature; Area 8 monitoring well 01

**TABLE 3**  
**GROUNDWATER ANALYTICAL RESULTS**  
**EMMPAK FOODS, INC. FORKLIFT REPAIR (AREA 8)**  
 321 South Emmber Lane  
 Milwaukee, Wisconsin

Analyte	units	MW-802													ES	PAL
		8/19/1997	11/19/1997	2/19/1998	5/20/1998	8/24/1998	11/17/1998	2/15/1999	5/3/1999	3/13/2001	5/30/2001	2/14/2002	5/14/2003			
Soluble Lead	µg/L	<0.89	<0.89	<0.89	<0.89	<2.7	<0.89	<1.2	<1.2	NA	NA	NA	NA	15	1.5	
Benzene	µg/L	4.5/3.9	13/12	78/83	52/68	17/17	2.6	100	100/110	68/69	13/11	27/28	2.91	5.0	0.5	
n-Butylbenzene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.03	---	---	
sec-Butylbenzene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.935	---	---	
Toluene	µg/L	<0.39	<0.20	<0.20	0.92/1.2	0.37/0.36	<0.20	23	8.6/8.8	<2.0	<0.20	0.3/0.3	<0.5	1000	200	
Ethylbenzene	µg/L	<0.38	<0.22	11/13	8.8/11	<0.32	<0.22	6.2	6.2/6.2	7.1	1.8/1.4	1.6/1.6	0.61	700	140	
Isopropylbenzene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.88	---	---	
Xylenes	µg/L	<1.1	0.59/0.56	8.5/11	13/16	1.29/1.26	0.56	9.2	7.7/7.9	2.8	0.50/0.51	0.8/0.83	0.549	10000	1000	
Methyl-tert-butyl ether	µg/L	6.3/6.5	<0.16	<4.0	<10/	6.7/7.3	8.9	2.5	15/14	<1.6	3.5/3.0	3.0/3.0	1.46	60	12	
1,2,4-Trimethylbenzene	µg/L	<0.22	<0.22	14/17	16/19	0.69/0.63	<0.22	3.6	4.9/4.9	4.3	0.95/0.97	0.23	<1.0	480	96	
1,3,5-Trimethylbenzene	µg/L	<0.29	<0.29	5.6/8.3	<11	2.4/2.3	0.51	1.9	2.6/2.6	3.7	<0.29	0.57/0.58	<1.0	480	96	
Sulfate	mg/L	79	60	41	36	10	60	69	NA	NA	NA	NA	NA	250	125	
Dissolved Oxygen (DO)	mg/L	0.2	0.38	0.67	0.4	0.19	0.62	0.69	0.44	0.2	0.15	0.30	NA	---	---	
Ferrous Iron	mg/L	6	4.6	2.6	3	9.8	6	6	3	5.8	5.3	3.2	NA	---	---	
Oxidation/Reduction Potential	mV	NA	-1.3	-38.9	-41.6	204.7	-92	-81.1	-107.9	-100.4	-99.3	-80.3	NA	---	---	
N-Nitrate	mg/L	<0.50	0.45	<0.55	<0.28	<0.026	0.14	0.69	NA	NA	NA	NA	NA	10	2.0	
Dissolved Manganese	mg/L	1.0	0.67	0.67	0.53	0.62	0.57	0.56	NA	NA	NA	NA	NA	0.05	0.025	
pH	---	6.5	7.1	6.6	7.1	7.4	7.0	7.0	6.8	7.0	7.0	7.0	7.0	---	---	
Temperature	° C	24.2	12.9	5	19.4	24.9	15.9	15	15.8	7.5	7.5	9.4	11.3	---	---	

Key:  
 µg/L = micrograms per Liter  
 mg/L = milligrams per Liter  
 ES = Wis Admin Code, NR 140 Groundwater Quality Enforcement Standard.  
 PAL = Wis Admin Code, NR 140 Groundwater Quality Preventive Action Limit.  
 MW-801 = Monitoring well nomenclature; Area 8 monitoring well 01



**TABLE 3**  
**GROUNDWATER ANALYTICAL RESULTS**  
**EMMPAK FOODS, INC./FORKLIFT REPAIR (AREA 8)**  
 321 South Emmbur Lane  
 Milwaukee, Wisconsin

Analyte	units	MW-803												ES	PAL	
		08/19/1997	11/19/1997	02/19/1998	05/20/1998	08/24/1998	11/17/1998	02/15/1999	05/03/1999	03/13/2001	05/30/2001	02/14/2002	05/14/2003			
Soluble Lead	µg/L	<0.89	<0.89	<1.8	<0.89	<2.7	<0.89	<1.2	<1.2	NA	NA	NA	NA	15	1.5	
<b>Benzene</b>	µg/L	<0.31	<0.13	<0.13	1.4	0.74	0.88	2.1	<b>5.9</b>	<b>11</b>	3.7	<b>5.5</b>	<b>4.7</b>	5.0	0.5	
n-Butylbenzene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	---	---	
sec-Butylbenzene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	---	---	
Toluene	µg/L	<0.39	<0.20	<0.20	<0.20	<0.27	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.5	1000	200
Ethylbenzene	µg/L	<0.38	<0.22	<0.22	<0.27	<0.32	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.5	700	140
Isopropylbenzene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	---	---	
Xylenes	µg/L	<1.1	<0.23	<0.23	<0.23	<0.24	<0.23	<0.23	<0.23	<0.23	<0.23	0.33	<0.5	10000	1000	
Methyl-tert-butyl ether	µg/L	31	11	<0.16	<2.7	6.3	<0.83	<0.16	<5.2	<0.16	<0.16	<0.16	<0.5	60	12	
1,2,4-Trimethylbenzene	µg/L	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	0.5	<0.22	<0.22	<1.0	480	96	
1,3,5-Trimethylbenzene	µg/L	<0.29	<0.29	<0.29	<0.29	<0.27	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<1.0	480	96	
Sulfate	mg/L	73	49	35	31	9.8	48	60	NA	NA	NA	NA	NA	250	125	
Dissolved Oxygen (DO)	mg/L	0.17	0.18	0.45	0.22	0.2	0.5	0.54	0.47	0.13	0.14	0.11	NA	---	---	
Ferrous Iron	mg/L	6.4	2	2.8	3	10	8	7.5	3	5.0	4.9	2.5	NA	---	---	
Oxidation/Reduction Potential	mV	NA	-22.4	-30.6	-25.1	202.7	-101.8	-99.1	-71.2	-116.7	-110.6	-89.2	NA	---	---	
N-Nitrate	mg/L	<1.0	0.43	<0.55	<0.28	<0.026	<0.11	0.55	NA	NA	NA	NA	NA	10	2.0	
Dissolved Manganese	mg/L	1.7	0.83	0.58	0.48	0.62	0.4	0.5	NA	NA	NA	NA	NA	0.05	0.025	
pH	---	7.0	7.2	6.9	6.9	7.3	7.0	7.0	7.0	7.0	7.0	7.0	7.0	---	---	
Temperature	° C	21.2	13.9	5.4	16.4	24.1	15.7	14	14.6	7.4	7.9	9.4	10.7	---	---	

Key:  
 µg/L = micrograms per Liter  
 mg/L = milligrams per Liter  
 ES = Wis Admin Code, NR 140 Groundwater Quality Enforcement Standard.  
 PAL = Wis Admin Code, NR 140 Groundwater Quality Preventive Action Limit.  
 MW-801 = Monitoring well nomenclature; Area 8 monitoring well 01

**Table 1**  
**Depth to Groundwater and Water Level Elevations**  
**EMMPAK FOODS, INC.\FORKLIFT REPAIR (AREA 8)**  
**321 South Emmbur Lane**  
**Milwaukee, Wisconsin**

Well Designation	Measuring Point Elevation (ft)	Ground Surface Elevation (ft)	Depth to Groundwater (ft)	Groundwater Level Elevation (ft)	Date Collected			
MW-801	583.21	583.56	2.32	580.89	18-Aug-97			
			3.15	580.06	19-Nov-97			
			2.89	580.32	19-Feb-98			
			2.76	580.45	20-May-98			
			2.84	580.37	24-Aug-98			
			3.50	579.71	17-Nov-98			
			3.22	579.99	15-Feb-99			
			3.21	580.00	3-May-99			
			3.12	580.09	13-Mar-01			
			3.96	579.25	30-May-01			
			3.86	579.35	14-Feb-02			
			3.68	579.53	14-May-03			
			MW-802	583.35	583.80	2.36	580.99	18-Aug-97
						3.20	580.15	19-Nov-97
2.73	580.62	19-Feb-98						
2.66	580.69	20-May-98						
2.71	580.64	24-Aug-98						
3.60	579.75	17-Nov-98						
3.21	580.14	15-Feb-99						
3.62	579.73	3-May-99						
4.00	579.35	13-Mar-01						
4.20	579.15	30-May-01						
4.39	578.96	14-Feb-02						
3.51	579.84	14-May-03						
MW-803	583.41	583.76				2.58	580.83	18-Aug-97
						3.37	580.04	19-Nov-97
			3.17	580.24	19-Feb-98			
			2.96	580.45	20-May-98			
			2.91	580.50	24-Aug-98			
			3.79	579.62	17-Nov-98			
			3.68	579.73	15-Feb-99			
			3.56	579.85	3-May-99			
			4.43	578.98	13-Mar-01			
			4.33	579.08	30-May-01			
			4.85	578.56	14-Feb-02			
			4.42	578.99	14-May-03			

**Note:**

Measuring point for monitoring wells equals northside top of well casings.  
All elevations relative to mean sea level (msl).

**MAILED**  
4-20-04

1300 West Canal Street  
Milwaukee, WI 53233  
414-643-4200  
FAX: 414-643-4210

Project Reference #4206

**Delivered Certified Mail\Return Receipt Requested**

RIGHT-OF-WAY

Mr. Jeffrey Polenske  
City Engineer, City of Milwaukee  
841 N. Broadway  
Milwaukee, WI 53202

RE: **Notice of Dissolved Petroleum Impacts  
Within Public Street or Right-of-Way**  
Emmpak Foods, Inc.  
321 South Emmer Lane  
Milwaukee, WI 53204

Dear Mr. Polanski,

On behalf of Emmpak Foods, Inc., The Sigma Group (Sigma) is notifying the City of Milwaukee, City Engineer regarding the potential presence of dissolved petroleum hydrocarbon impacts within groundwater located along the east property line (Emmer Lane) at the property cited. Sigma has petitioned the Wisconsin Department of Natural Resources (WDNR) for case closure for the site, conditional upon filing of the appropriate GIS registry information and notifying municipal authorities of potential petroleum impacts extending into public right-of-ways.

Sigma is notifying your department pursuant to Wisconsin Administrative Code, Chapter NR 726.05 (2)(b)(4), of the potential presence of groundwater impacts beneath the right-of-way of Emmer Lane, which may exceed applicable Wisconsin Administrative Code, Chapter NR 140 standards for groundwater. A Groundwater Flow Map and Groundwater Quality Map showing monitoring well locations and the extent of dissolved benzene detected during a May 2003 sampling event are provided for your review and file. Petroleum impacted groundwater above Wisconsin Administrative Code, Chapter NR 140 enforcement standards may exist near the eastern edge of the property on Emmer Lane. Sigma's investigation, remediation and monitoring data has confirmed that the groundwater contaminant plume is stable or receding and that natural attenuation will restore the groundwater to NR 140 standards within a reasonable period of time as the source of contamination is no longer present at the site.

If future construction activities disturb soil in the vicinity of the above referenced site, the excavated soil may be considered a special waste and require proper disposal. In addition, if future construction activities require dewatering, or if groundwater is to be otherwise extracted in the vicinity of the above referenced site, the groundwater shall be sampled and managed in compliance with applicable statutes and rules.

If you have any questions or comments, please contact us at (414) 643-4200.

Sincerely,

**THE SIGMA GROUP**

*Mary E. Clifford*  
Mary E. Clifford  
Staff Scientist

*David G. Bauer*  
David G. Bauer, P.G.  
Senior Hydrogeologist

Attachment

Cc: Al Kerber - Emmpak Foods, Inc.  
Michael Richtig - Excel Corporation

