GIS REGISTRY
Cover Sheet

March, 2010
(RR 5367)

Source Property Information

CLOSURE DATE: Jun 8, 2010

BRRTS #: **02-14-525465**

FID #:

ACTIVITY NAME: Columbus Chemical Industries

DATCP #:

PROPERTY ADDRESS: N4335 Temkin Road

COMM #:

MUNICIPALITY: Columbus

PARCEL ID #: 014-1013-0713-004

***WTM COORDINATES:**

X: **600995** Y: **320374**

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

WTM COORDINATES REPRESENT:

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

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

[X] Groundwater Contamination > ES *(236)*

- [ ] Contamination in ROW
- [ ] Off-Source Contamination

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

[ ] Soil Contamination > *RCL or **SSRCL *(232)*

- [ ] Contamination in ROW
- [ ] Off-Source Contamination

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

Land Use Controls:

[X] N/A (*Not Applicable*)

[ ] Soil: maintain industrial zoning *(220)*

*(**note:** soil contamination concentrations between non-industrial and industrial levels)*

[ ] Structural Impediment *(224)*

[ ] Site Specific Condition *(228)*

[ ] Cover or Barrier *(222)*

*(**note:** maintenance plan for groundwater or direct contact)*

[ ] Vapor Mitigation *(226)*

[ ] Maintain Liability Exemption *(230)*

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

Monitoring Wells:

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

(●) Yes ( ) No ( ) N/A

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

GIS Registry Checklist

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

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

BRRTS #: 02-14-525465 PARCEL ID #: 014-1013-0713-004

ACTIVITY NAME: Columbus Chemical Industries WTM COORDINATES: X: 600995 Y: 320374

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.)*

☒ **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: Plat Map**

☒ **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 8.5 x 14 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 #: A-2A **Title: Site Location Map**

☒ **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 #: A-3, A-2B **Title: Site Map (and Plat Map), Water Supply Well Locations**

☐ **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 #: **Title:**

BRRTS #: 02-14-525465 ACTIVITY NAME: Columbus Chemical Industries

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 #: E-7A **Title: Regional Cross Section Location Map**

Figure #: C-3B, C-3C **Title: Regional Cross Section A-A', Regional Cross Section B-B'**

☒ **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 #: E-3 **Title: Enforcement Standard Exceedances in Groundwater**

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

Figure #: 1 **Title: Water Table Map for May 26, 2009**

Figure #: 2 **Title: Potentiometric Surface Map for May 26, 2009**

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

Tables must be no larger than 8.5 x 14 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:**

☒ **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 #: 1, 2, 3 **Title: Detected VOCs in Water Supply Well Samples, Detected VOCs in Water Well Samples, Groundwater Analytical Results Summary**

☒ **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 #: 4 **Title: Water Level Summary**

IMPROPERLY ABANDONED MONITORING WELLS

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

☒ **Not Applicable**

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

Figure #: **Title:**

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

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

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

BRRTS #: 02-14-525465 ACTIVITY NAME: Columbus Chemical Industries

NOTIFICATIONS

Source Property

☐ **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.

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

Number of "Off-Source" Letters:

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

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

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

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

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Lloyd L. Eagan, Regional Director

South Central Region Headquarters
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711-5397
Telephone 608-275-3266
FAX 608-275-3338
TTY Access via relay - 711

June 8, 2010

Steve Quandt
Columbus Chemical Industries, Inc.
N4335 Temkin Road
Columbus, WI 53925-0008

SUBJECT: Final Case Closure – VOC Case
Columbus Chemical Industries, N4335 Temkin Road, Columbus, WI
WDNR BRRTS # 02-14-525465

Dear Mr. Quandt:

On January 26, 2010, the South Central Region Closure Committee reviewed your request for closure of the case described above. The Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. On January 28, 2010, you were notified that the Closure Committee had granted conditional closure to this case.

On May 10, 2010 the Department received information or documentation indicating that you have complied with the requirements for final closure. The conditions of closure were proper abandonment of the old Columbus Chemical potable well and waste disposal.

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

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

GIS Registry

The conditions of case closure set out below in this letter require that this site be listed on the Remediation and Redevelopment Program's GIS Registry. The specific reasons are summarized below:

- Groundwater contamination is present above Chapter NR 140 enforcement standards

This letter and information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit the RR

Sites Map page at: http://dnr.wi.gov/org/aw/rr/gis/index.htm. If the property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line http://dnr.wi.gov/org/water/dwg/3300254.pdf or at the web address listed above for the GIS Registry.

Residual Groundwater Contamination

Groundwater impacted by volatile organic compound contamination greater than enforcement standards set forth in ch. NR140, Wis. Adm. Code, is present on this contaminated property. For more detailed information regarding the locations where groundwater samples have been collected (i.e., monitoring well locations) and the associated contaminant concentrations, refer to the Remediation and Redevelopment Program's GIS Registry at http://dnr.wi.gov/org/aw/rr/gis/index.htm.

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 me at (608) 275-3209.

Sincerely,

Denise Nettesheim
Hydrogeologist
Remediation & Redevelopment Program

cc: Robert Langdon, BT Squared, 2830 Dairy Drive, Madison, WI 53718
Case File

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Lloyd L. Eagan, Regional Director

South Central Region Headquarters
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711-5397
Telephone 608-275-3266
FAX 608-275-3338
TTY Access via relay - 711

January 28, 2010

Steve Quandt
Columbus Chemical Industries, Inc.
N4335 Temkin Road
Columbus, WI 53925-0008

Subject: Conditional Closure Decision With Requirements to Achieve Final Closure
Columbus Chemical Industries, N4335 Temkin Road, Columbus, WI
WDNR BRRTS # 02-14-525465

Dear Mr. Quandt:

On January 26, 2010, the South Central Region Closure Committee reviewed your request for closure of the case described above. The Closure Committee 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 Closure Committee has determined that the volatile organic compound contamination on the site 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:

OLD COLUMBUS CHEMICAL POTABLE WELL ABANDONMENT

The old potable well at the site must be properly abandoned in compliance with ch. NR 812, Wis. Adm. Code. You will need a licensed pump installer or well driller to perform the abandonment. Documentation of well abandonment must be submitted to me on Form 3300-005 found at http://dnr.wi.gov/org/water/dwg/gw/ or provided by the Department of Natural Resources.

The committee recommended that you do not abandon monitoring wells MW1, MW1P, MW2B, MW2P, MW3 and MW3P at this time because they are being used as monitoring points in the ongoing remedial response to the fire incident at the site.

PURGE WATER, WASTE AND SOIL PILE REMOVAL

Any remaining purge water, waste and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with Department of Natural Resources' rules. Once that work is completed, please send appropriate documentation regarding the treatment or disposal of the remaining purge water, waste and/or soil piles.

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. 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.

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 (608) 275-3209.

Sincerely,

Denise Nettesheim
Hydrogeologist
Remediation & Redevelopment Program

cc: Robert Langdon, BT^2, Inc., 2830 Dairy Drive, Madison, WI 53718
Case File

QUIT CLAIM DEED—By Corporation STATE OF WISCONSIN—Form No. 14 Section 235.16 Wisconsin Statutes

This Indenture, Made by SHEARD SCIENCE SUPPLIES, INC.

a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, grantor of Columbia County, Wisconsin, hereby quit-claims to RICHARD J. SHEARD

grantee of Columbia County, Wisconsin, for the sum of One Dollar and other good and valuable consideration

the following tract of land in DODGE County, State of Wisconsin:

That portion of the South West 1/4 of the North East 1/4 of Section 7, in Township 10 North, of Range 13 East, Town of Elba, described as follows: Beginning at the North West corner of said South West 1/4 of the North East 1/4, which is located in the Crawfish River; thence South 1° 58 minutes East along the North - South 1/4 line of said section, a distance of 1178.57 feet to the point of intersection of said North-South 1/4 line with the North Westerly right of way line of U. S. Highway #151; thence North 49° 56 minutes East along the right of way line of U. S. Highway #151, a distance of 562.35 feet; thence North 38° 42 minutes East continuing along said highway right of way line 316.85 feet to the South Westerly line of a town road right of way; thence North 47° 07 minutes 15 seconds West along the South Westerly line of said town road a distance of 49.5 feet to a point; thence South 38° 42 minutes West along the North Westerly margin of a town road a distance of 397.5 feet to the point of real beginning of this description; thence North 47° 07 minutes 15 seconds West a distance of 300 feet to a point; thence South 38° 42 minutes West a distance of 181.5 feet to a point; thence South 47° 07 minutes 15 seconds East a distance of 300 feet to a point on the North Westerly margin of a town road; thence North 38° 42 minutes East along the North Westerly margin of a town road a distance of 181.5 feet to the point of real beginning of this description, Dodge County, Wisconsin.

Doc. # 551805
Register of Deeds
DODGE COUNTY, WIS.
Received this 7 day of Oct
A. D., 1971 at 8:55 o'clock A.M.
and recorded in Vol. 386 of Deeds page 86
Erwin R. Schaefer
Register of Deeds

TRANSFER FEE $3.30

In Witness Whereof, the said grantor, has caused these presents to be signed by Edward C. Sheard, its Vice President, and countersigned by Margaret D. Sheard, its Secretary, at Columbus, Wisconsin, and its corporate seal to be hereunto affixed, this 27th day of September A. D., 19 71.

SIGNED AND SEALED IN PRESENCE OF

Robert W. Behl

Louise Shepard

SHEARD SCIENCE SUPPLIES, INC.
Corporate Name

COUNTERSIGNED Edward C. Sheard - V. President

Margaret D. Sheard
Margaret D. Sheard - - - - - - - Secretary

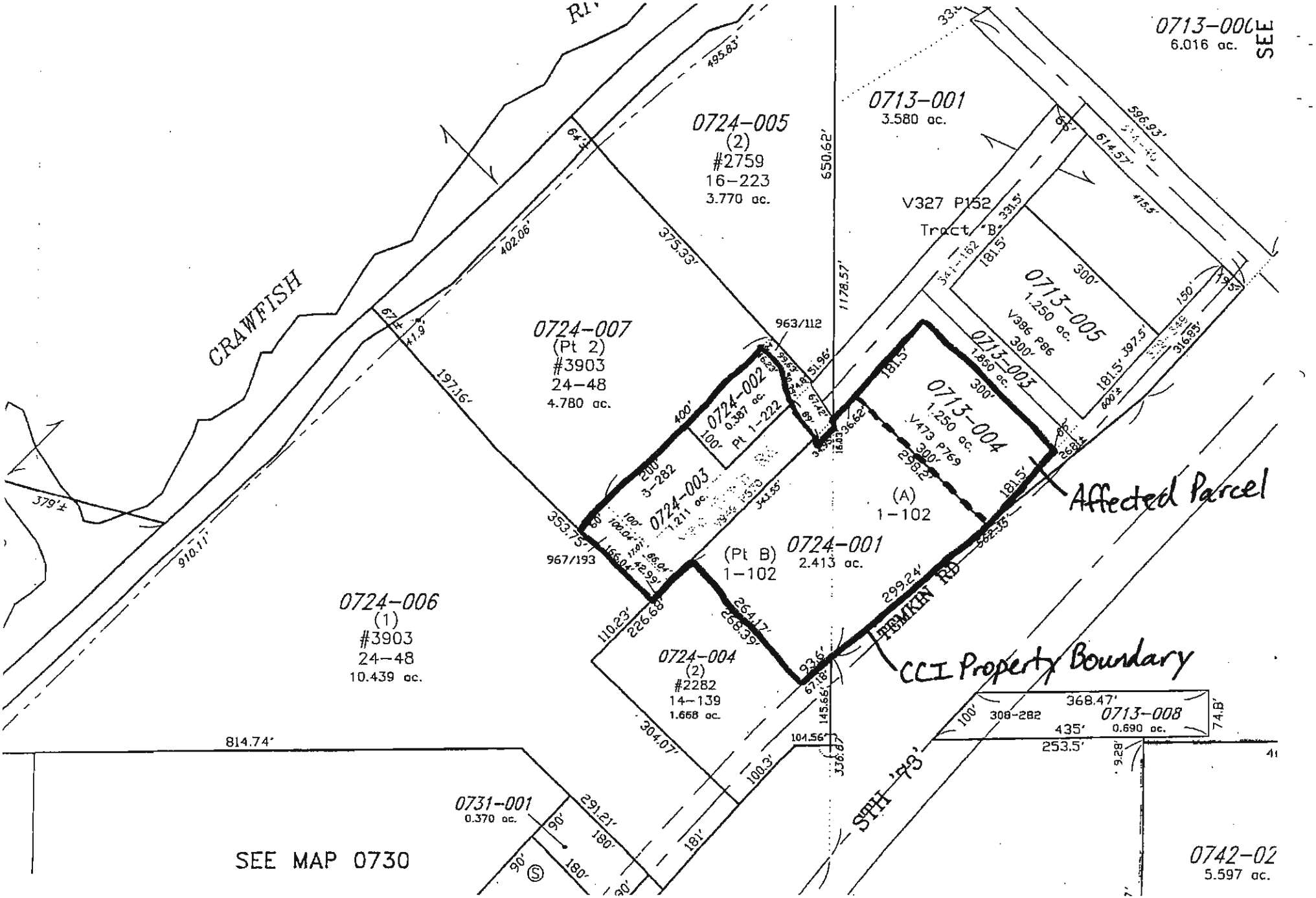
State of Wisconsin,
COLUMBIA County } ss.

Personally came before me, this 27th day of September A. D., 19 71, Edward C. Sheard, Vice President, and Margaret D. Sheard, Secretary of the above named Corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such Vice President and Secretary of said Corporation, and acknowledged that they executed the foregoing instrument as such officers as the deed of said Corporation, by its authority.

Louise Shepard
Louise Shepard
Notary Public, Wisconsin
My commission expires Sept. 3, A. D. 19 72

This instrument drafted by
Attorney Robert W. Behl
Columbus, Wisconsin.

NOTE—The name of the party to this instrument who prepares it should be inserted in the space provided for the name of the person to whom it is to be recorded.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Tract "B"
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V386 P86
0713-003
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0713-004
1.250 ac.
V473 P769
(A)
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0724-007
(Pt 2)
#3903
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0724-002
0.387 ac.
Pt 1-222
0724-003
1.211 ac.
3-282
(Pt B)
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0724-001
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0724-006
(1)
#3903
24-48
10.439 ac.
0724-004
(2)
#2282
14-139
1.668 ac.
CRAWFISH
TEMKIN RD
STH "73"
Affected Parcel
CCI Property Boundary
0713-008
0.690 ac.
308-282
0731-001
0.370 ac.
SEE MAP 0730
0742-02
5.597 ac.
963/112
967/193
650.62'
1178.57'
814.74'
SCALE: 1"=200'
0
200
N
PREPARED BY
DODGE COUNTY
SURVEY DEPARTMENT
DECEMBER 2003
0720
T.10N.

CCI

COLUMBUS CHEMICAL INDUSTRIES INC.

October 25, 2005

To: Wisconsin Department of Natural Resources

Subject: Statement that all Legal Descriptions for Properties within the Contaminated Site Boundaries have been Included
Columbus Chemical Industries, Inc.
N4335 Temkin Road, Columbus, WI 53925
BRRTS # 02-14-525465
BT^2 Project #2597

To Whom it May Concern:

To the best of my knowledge, I believe that with the submittal of the attached property information the legal description for each property within, or partially within the contaminated site boundary has been included with the closure request.

The attached property information includes:

- Deed for property located at N4335 Temkin Road, Columbus, Wisconsin (Parcel #014-1013-0713-004).

If you need additional information, please contact me at (920) 623-2140.

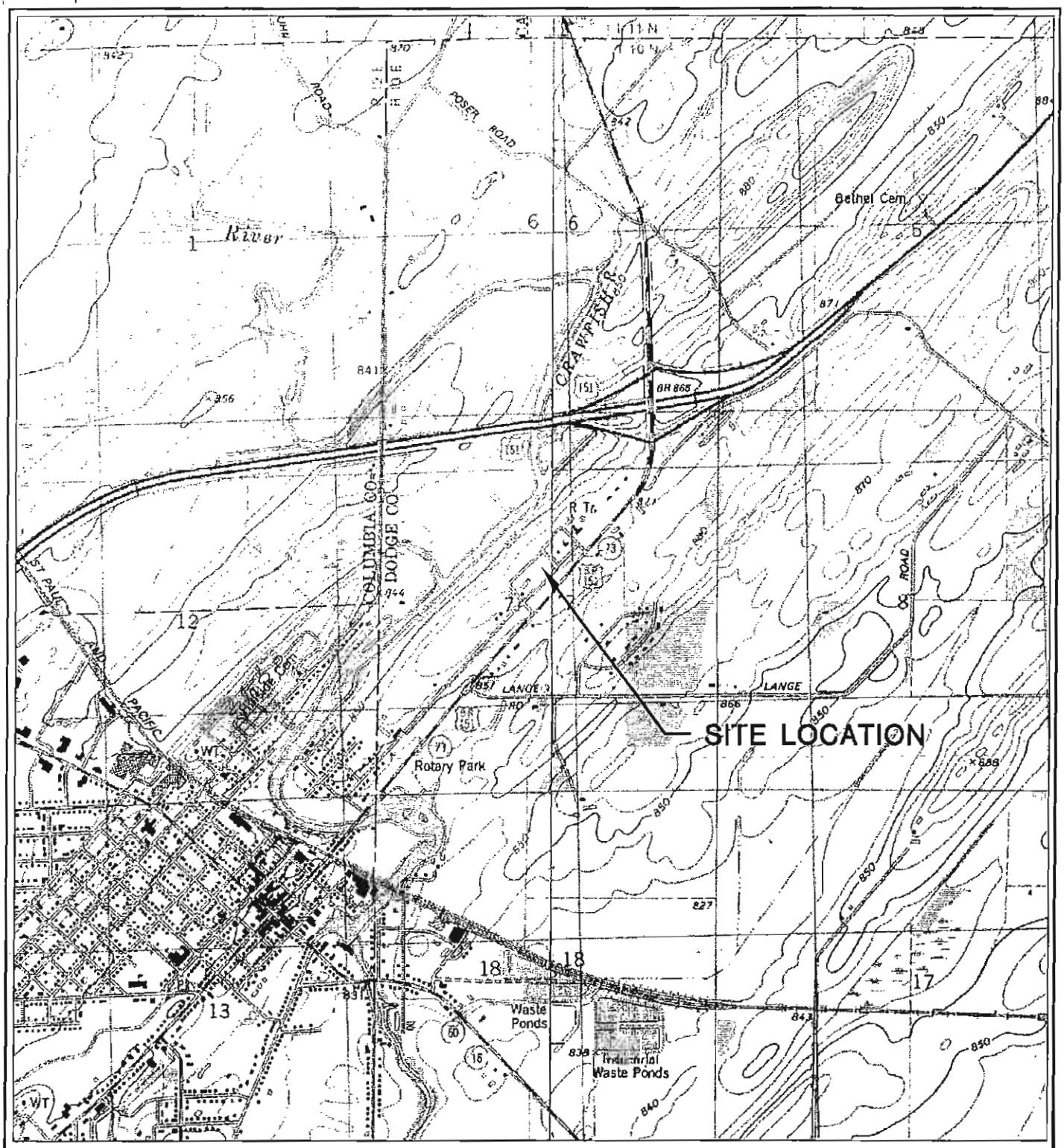
Sincerely,

Mr. Richard Sheard
President

CHEMICAL PROCESSORS AND PACKAGERS OF ELECTRONIC GRADE & HIGH PURITY
ACIDS / BLENDS / SOLVENTS / REAGENTS / SOLUTIONS

P.O. BOX 8 • COLUMBUS, WISCONSIN • 53925-0008 • PH: (920) 623-2140 • FAX (920) 623-2577
4430 N. 39TH AVENUE • PHOENIX, ARIZONA • 85019 • PH: (602) 233-9893 • FAX: (602) 233-9897

NACD Responsible Distribution Process



N

COLUMBUS AND ASTICO QUADRANGLES
WISCONSIN-DODGE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
1980
SCALE: 1" = 2,000'

PROJECT NO. 2597	
DRAWN BY: KP	
CHECKED BY: AW	
APPROVED BY:	
DRAWN: 01/21/04	
REVISED: 07/09/04	

FIGURE A-2A
SITE LOCATION MAP
COLUMBUS CHEMICAL INDUSTRIES
N4335 TEMKIN ROAD
COLUMBUS, WISCONSIN

BT inc

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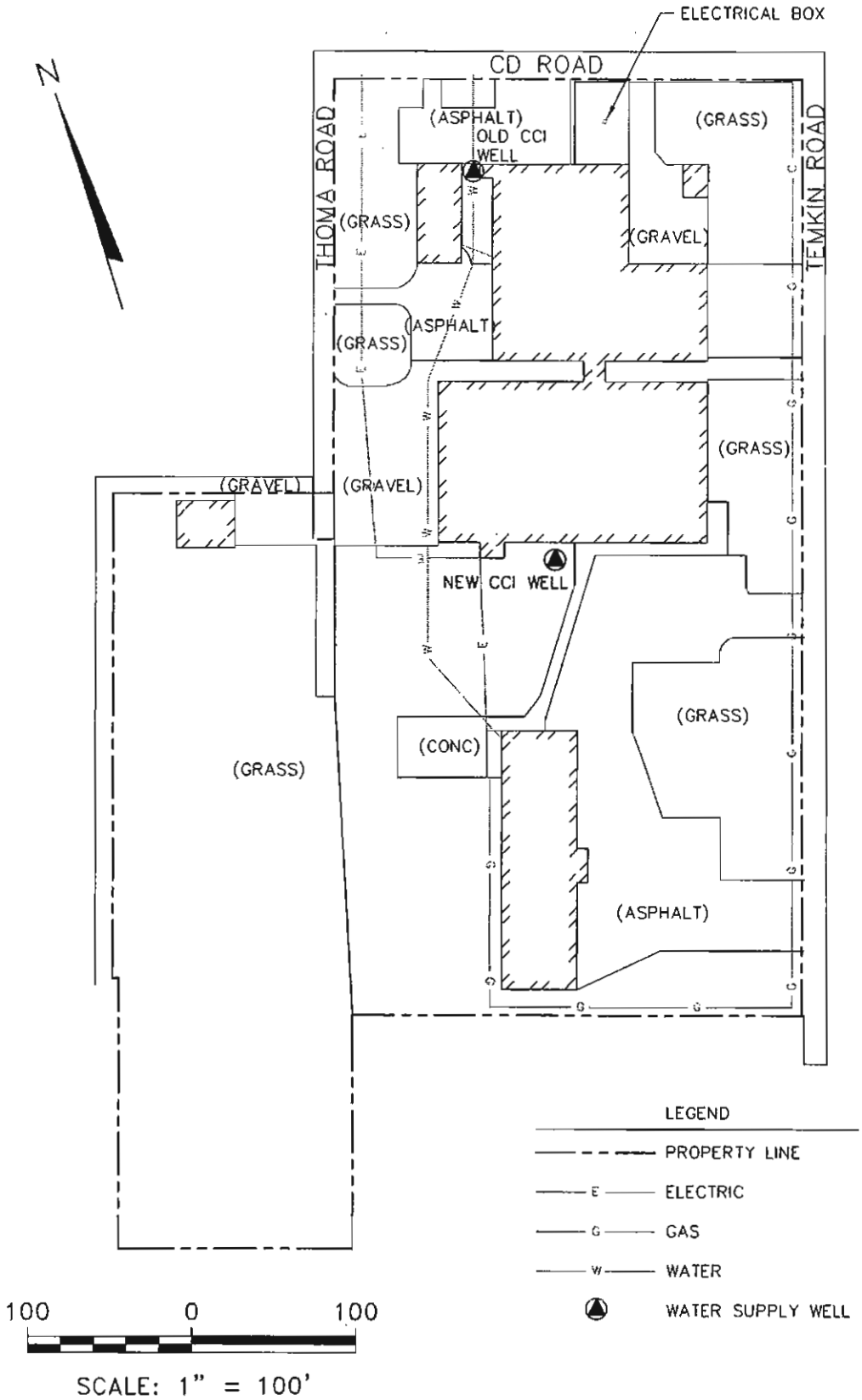

PROJECT NO. 2597	FIGURE A-3 SITE MAP COLUMBUS CHEMICAL INDUSTRIES N4335 TEMKIN ROAD COLUMBUS, WISCONSIN
DRAWN BY: KP	
CHECKED BY: AW	
DRAWN: 01/21/04	
REVISED: 11/03/05	

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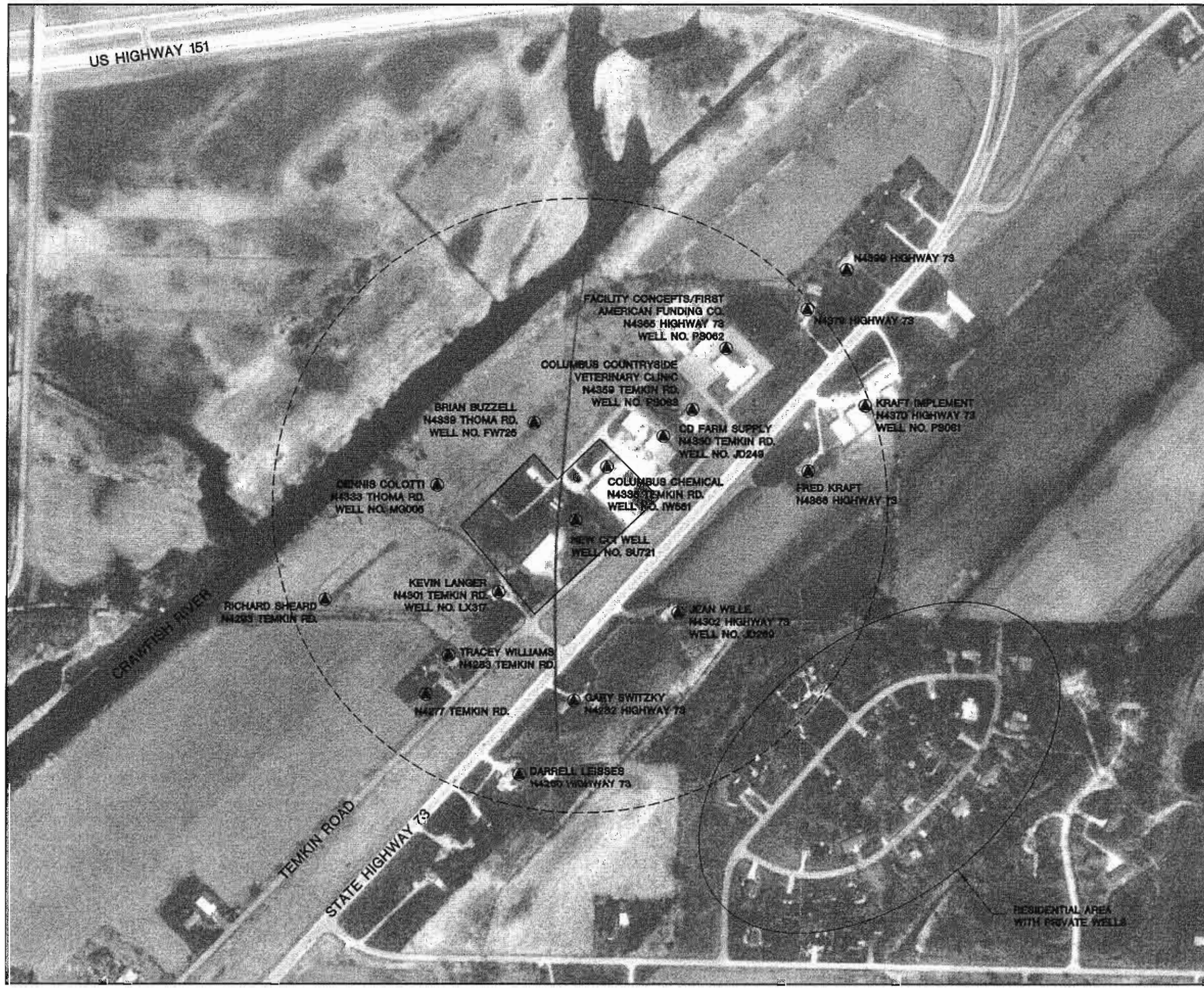

N

LEGEND

WATER SUPPLY WELL

APPROXIMATE 1,200 FOOT RADIUS FROM SITE

400 0 200

SCALE: 1" = 400'

NOTES

1. IMAGE SOURCE: 3.75 MINUTE DIGITAL ORTHOPHOTO QUAD, ASTICO, NW QUADRANT, AND COLUMBUS, NE QUADRANT, USGS. DATE OF ASTICO IMAGE IS MAY 5, 2002. DATE OF COLUMBUS IMAGE IS APRIL 28, 1992.
2. WELL LOCATIONS ARE APPROXIMATE.

FIGURE A-2B
WATER SUPPLY WELL LOCATIONS
COLUMBUS CHEMICAL INDUSTRIES
N4335 TEMKIN ROAD
COLUMBUS, WISCONSIN

PROJECT NO. 2597	
DRAWN BY: KP	
CHECKED BY: AW	
APPROVED BY:	
DRAWN: 09/27/05	
REVISED: 11/03/05	

BT Inc.

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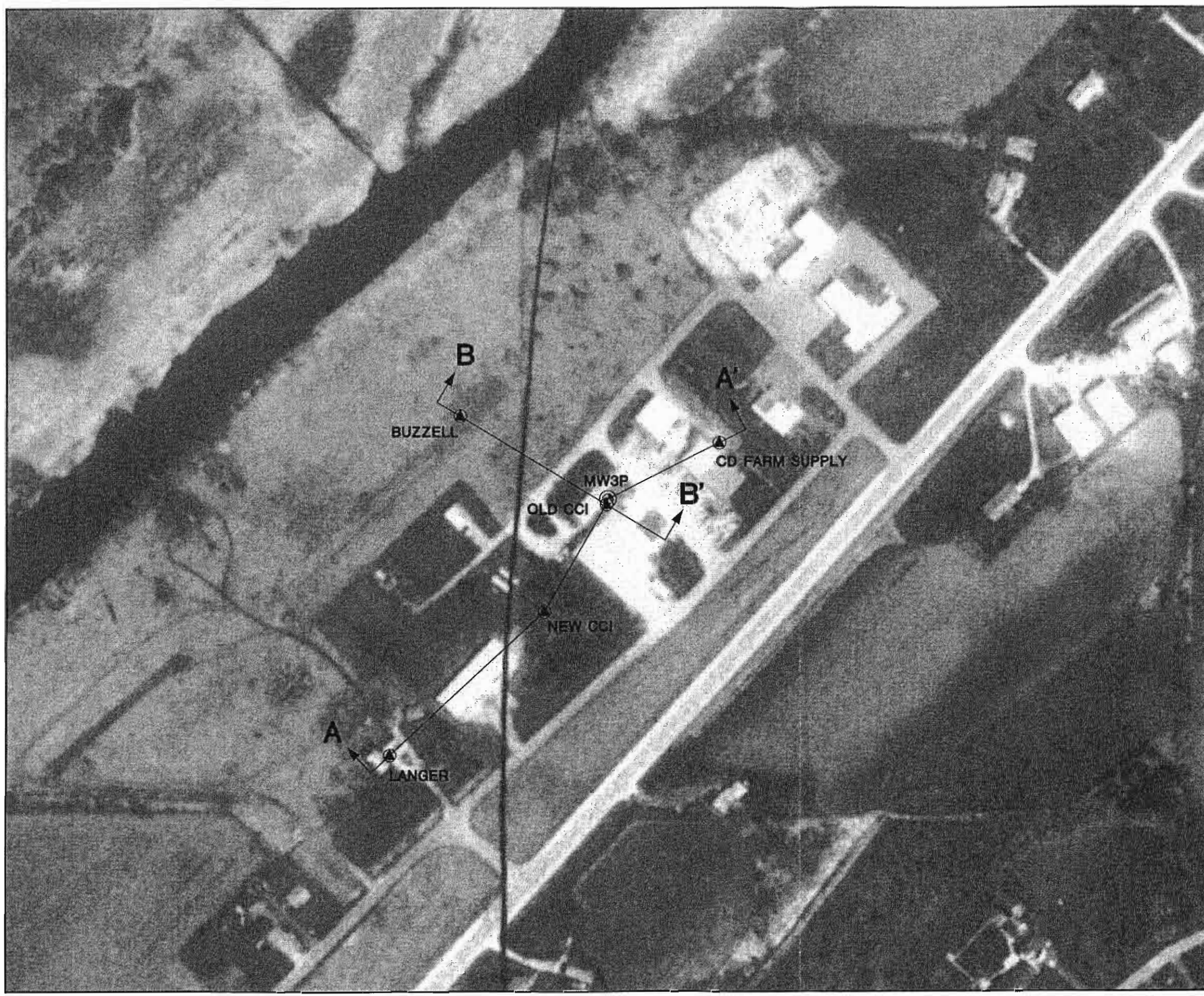

N

LEGEND

MONITORING WELL NEST

WATER SUPPLY WELL

200 0 200

SCALE: 1" = 200'

NOTES

1. IMAGE SOURCE: 3.75 MINUTE DIGITAL ORTHOPHOTO QUAD, ASTICO, NW QUADRANT, AND COLUMBUS, NE QUADRANT, USGS. DATE OF ASTICO IMAGE IS MAY 5, 2002. DATE OF COLUMBUS IMAGE IS APRIL 28, 1992.
2. WELL LOCATIONS ARE APPROXIMATE.

FIGURE E-7A
REGIONAL CROSS SECTION LOCATION MAP
COLUMBUS CHEMICAL INDUSTRIES
N4335 TEMKIN ROAD
COLUMBUS, WISCONSIN

PROJECT NO. 2597	
DRAWN BY: KP	
CHECKED BY: AW	
APPROVED BY:	
DRAWN: 09/27/05	
REVISED: 10/06/05	

BT inc

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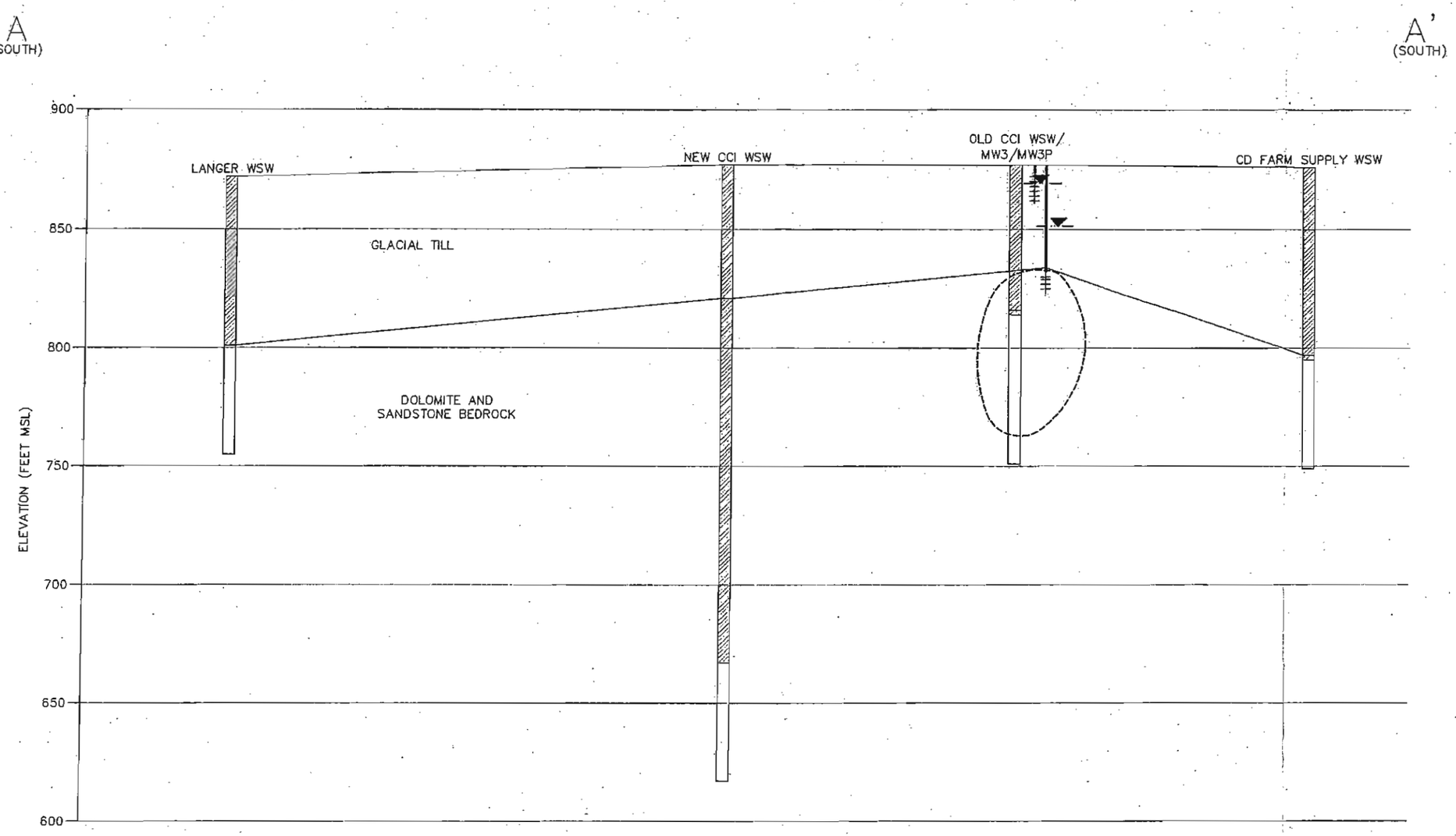


0 100

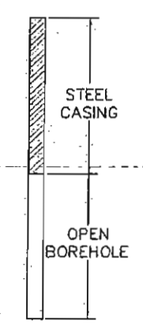
HORIZONTAL SCALE: 1" = 100'
VERTICAL SCALE: 1" = 50'
VERTICAL EXAGGERATION = 2X

LEGEND

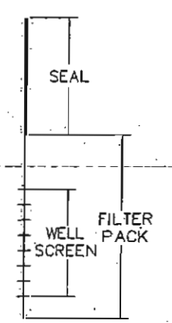
WSW	WATER SUPPLY WELL
MSL	MEAN SEA LEVEL
- - - - - -	APPROXIMATE EXTENT OF NR 140 ENFORCEMENT STANDARD EXCEEDANCES
——▼——	WATER TABLE ELEVATION MEASURED ON 08/24/05

NOTES:

1. APPROXIMATE EXCEEDANCE EXTENTS BASED ON MULTIPLE SAMPLING DATES: SEE TABLE E-1A FOR DETAILS.



TYPICAL SUPPLY WELL DETAIL



TYPICAL MONITORING WELL DETAIL

FIGURE C-3B
REGIONAL CROSS SECTION A-A'
COLUMBUS CHEMICAL INDUSTRIES
N4335 TEMKIN ROAD
COLUMBUS, WISCONSIN

PROJECT NO. 2597	
DRAWN BY: KP	
CHECKED BY: AW	
APPROVED BY:	
DRAWN: 09/27/05	
REVISED: 10/06/05	

BT inc.

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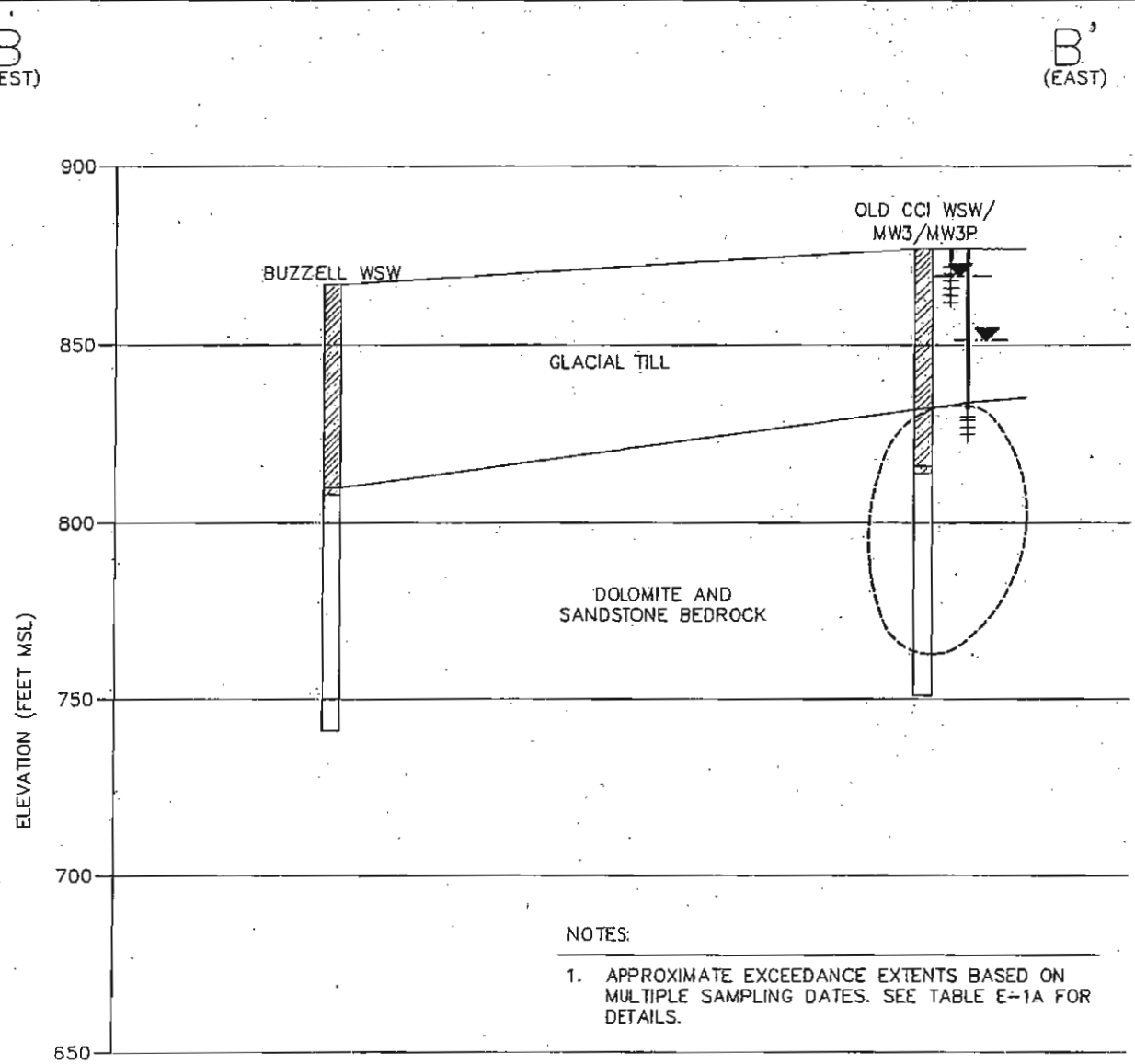


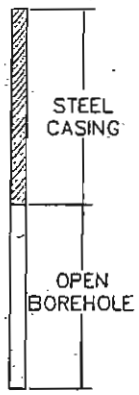
NOTES:

1. APPROXIMATE EXCEEDANCE EXTENTS BASED ON MULTIPLE SAMPLING DATES. SEE TABLE E-1A FOR DETAILS.

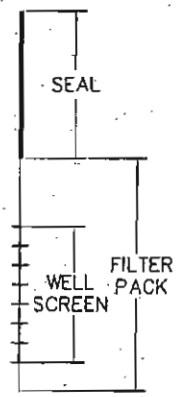
LEGEND

WSW	WATER SUPPLY WELL
MSL	MEAN SEA LEVEL
----------	APPROXIMATE EXTENT OF NR 140 ENFORCEMENT STANDARD EXCEEDANCES
——▼——	WATER TABLE ELEVATION MEASURED ON 08/24/05

HORIZONTAL SCALE: 1" = 100'
VERTICAL SCALE: 1" = 50'
VERTICAL EXAGGERATION = 2X



TYPICAL SUPPLY WELL DETAIL



TYPICAL MONITORING WELL DETAIL

PROJECT NO. 2597	
DRAWN BY: KP	
CHECKED BY: AW	
APPROVED BY:	
DRAWN: 09/27/05	
REVISED: 11/03/05	

FIGURE C-3C
REGIONAL CROSS SECTION B-B'
COLUMBUS CHEMICAL INDUSTRIES
N4335 TEMKIN ROAD
COLUMBUS, WISCONSIN

BT² inc.

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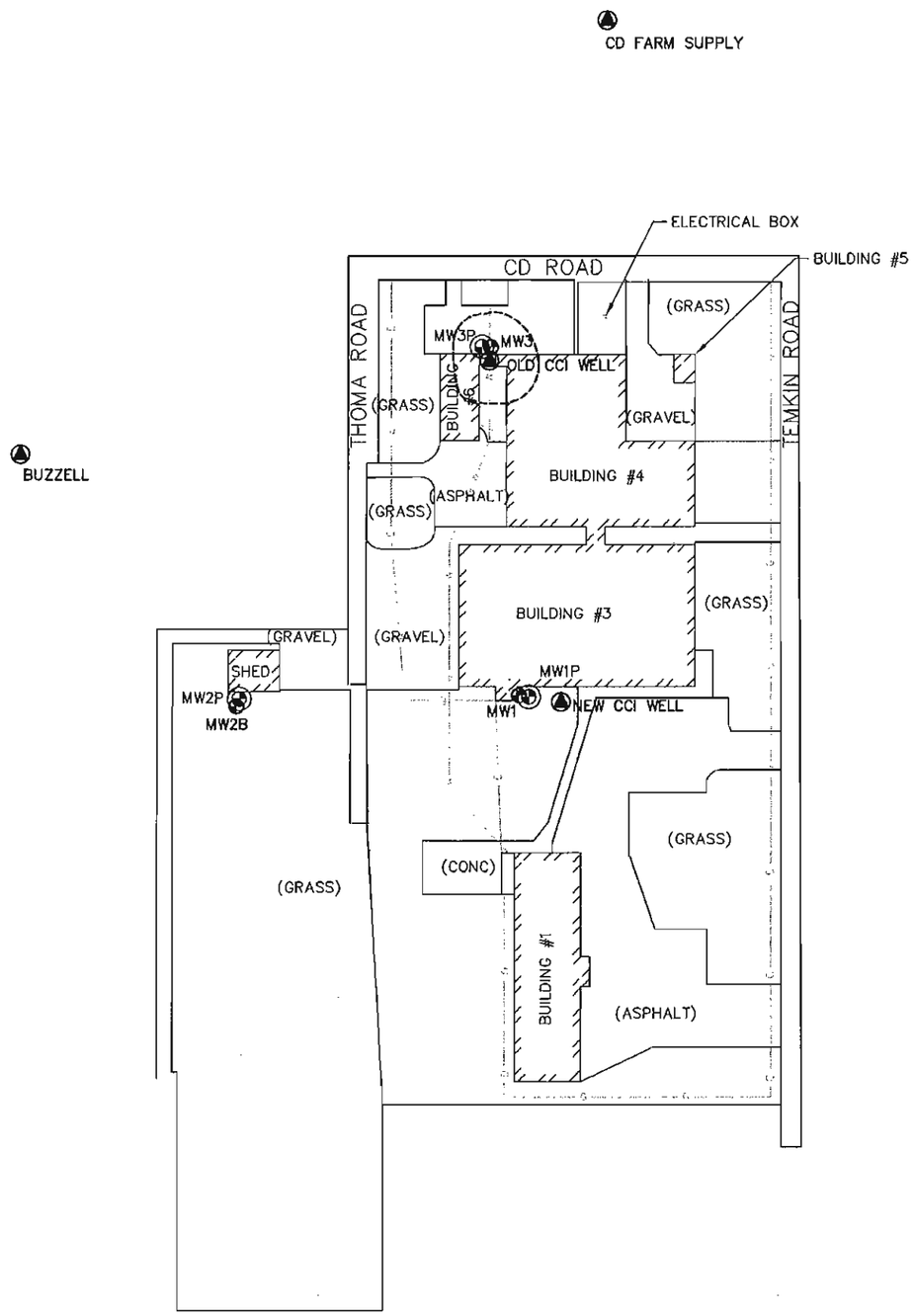

N

LEGEND

- ELECTRIC
- GAS
- WATER
- PIEZOMETER
- WATER SUPPLY WELL
- APPROXIMATE EXTENT OF NR 140 ENFORCEMENT STANDARD EXCEEDANCES

100 0 100

SCALE: 1" = 100'

FIGURE 3
ENFORCEMENT STANDARD
EXCEEDANCES IN GROUNDWATER
COLUMBUS CHEMICAL INDUSTRIES
N4335 TEMKIN ROAD
COLUMBUS, WISCONSIN

PROJECT NO. 2597	
DRAWN BY: KP	
CHECKED BY: AW	
APPROVED BY: RBK	
DRAWN: 01/21/04	
REVISED: 11/02/05	

BT2 inc.

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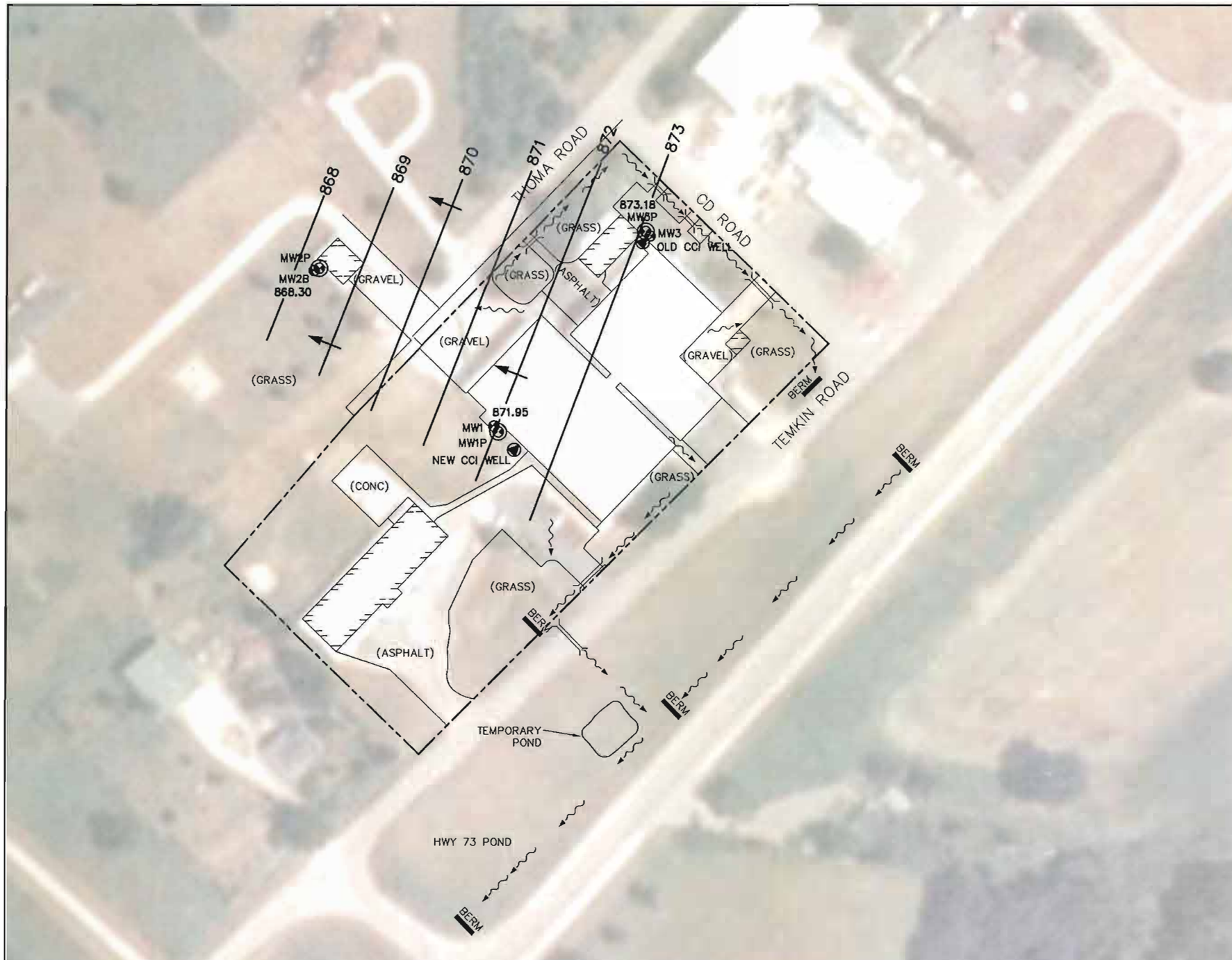

N

LEGEND

- APPROXIMATE PROPERTY LINE
- EXISTING MONITORING WELL
- EXISTING PIEZOMETER
- EXISTING WATER SUPPLY WELL
- SURFACE DRAINAGE
- CULVERT
- **871.95** WATER TABLE ELEVATION MEASURED 05/26/09
- WATER TABLE CONTOUR
- APPROXIMATE GROUNDWATER FLOW DIRECTION

100 0 100

SCALE: 1" = 100'

PROJECT NO.	3809	DRAWN BY:	KP	ENGINEER	BT² inc. 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT	Columbus Chemical Industries, Inc.	SITE: COLUMBUS CHEMICAL INDUSTRIES N4335 TEMKIN ROAD COLUMBUS, WISCONSIN	WATER TABLE MAP FOR MAY 26, 2009	FIGURE 1
DRAWN:	06/01/09	CHECKED BY:	MT							
REVISED:	06/01/09	APPROVED BY:								

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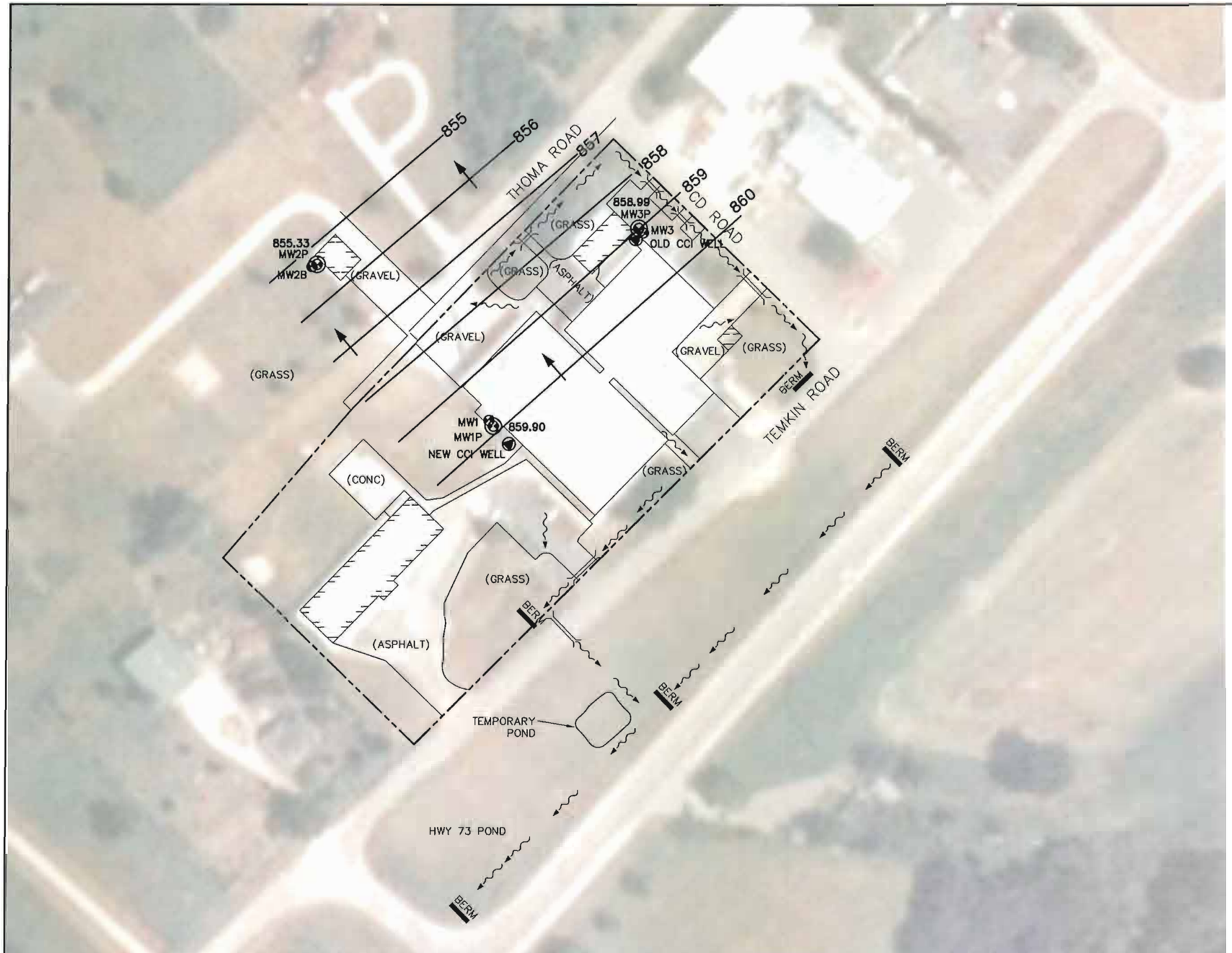

N

LEGEND

- APPROXIMATE PROPERTY LINE
- EXISTING MONITORING WELL
- EXISTING PIEZOMETER
- EXISTING WATER SUPPLY WELL
- SURFACE DRAINAGE
- CULVERT
- 859.90 POTENTIOMETRIC SURFACE ELEVATION MEASURED 05/26/09
- POTENTIOMETRIC SURFACE CONTOUR
- APPROXIMATE GROUNDWATER FLOW DIRECTION

100 0 100

SCALE: 1" = 100'

PROJECT NO.	3809	DRAWN BY:	KP	ENGINEER	BT² inc. 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830 FAX: (608) 224-2839	CLIENT	Columbus Chemical Industries, Inc.	SITE	COLUMBUS CHEMICAL INDUSTRIES N4335 TEMKIN ROAD COLUMBUS, WISCONSIN	POTENTIOMETRIC SURFACE MAP FOR MAY 26, 2009	FIGURE 2
DRAWN:	06/01/09	CHECKED BY:	MT								
REVISED:	06/01/09	APPROVED BY:									

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Table 1
Detected VOCs in Water Supply Well Samples
Columbus Chemical Industries / BT[2] Project #2597
(Results are in µg/l)

Well	Date	Lab Notes	Trichloroethylene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Chloroform	MTBE	Other VOCs Detected	
Brandt Residence N4207 Temkin Road	5/18/2009	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
Buzzell Residence N4339 Thoma Rd WUWN FW725	12/3/2002	(1)	2.1	0.2 B	0.6	0.2 B	0.15 B	<0.15	ND	
	12/16/2002	(2)	0.8	<0.15	0.27 B	<0.15	<0.15	<0.15	Ethyl ether	2.18
	4/16/2003	--	0.73	<0.15	0.29	<0.15	<0.15	<0.15	ND	
	8/16/2004	--	0.35	<0.13	0.17	<0.14	<0.12	<0.14	ND	
	5/8/2006	(6)	0.13 J_1	<0.050	0.094 J_1	<0.050	<0.050	<0.050	Chloromethane	0.054 J_1
	11/8/2006	--	0.14 J_1	<0.050	0.078 J_1	<0.050	<0.050	<0.050	Chloromethane	0.23 B
	5/17/2007	--	0.16 J_1	<0.050	0.070 J_1	<0.050	<0.050	<0.050	ND	
	12/4/2007	--	0.90	0.060 J_1	0.090 J_1	<0.050	<0.050	<0.050	ND	
	5/27/2008	--	0.21	<0.050	0.050 J_1	<0.050	<0.050	<0.050	ND	
	11/10/2008	--	2.4	0.060 J_1	<0.050	1.1	0.090 J_1	<0.050	ND	
	5/15/2009	(9)	0.48	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
	11/10/2009	--	0.75	0.060 J_1	0.070 J_1	<0.050	<0.050	<0.050	ND	
Buzzell Field Blank N4339 Thoma Rd	5/8/2006	(6)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Chloromethane	0.070 J_1
									Methylene Chloride	0.40 S2,J_1
									Toluene	0.065 J_1
	11/8/2006	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Chloromethane	0.38 B
									Methylene Chloride	0.90 S2
									Toluene	0.58

Table 1
Detected VOCs in Water Supply Well Samples
Columbus Chemical Industries / BT^2 Project #2597
(Results are in µg/l)

Well	Date	Lab Notes	Trichloroethylene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Chloroform	MTBE	Other VOCs Detected	
Buzzell Field Blank N4339 Thoma Rd	5/17/2007	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Chloromethane	0.051 J_1
									Methylene Chloride	0.30 B, S2, J_1
									Toluene	0.081 J_1
	12/4/2007	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Methylene Chloride	0.28 S2, J_1
	5/27/2008	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Methylene Chloride	0.35 J_1
	11/10/2008	--	0.47	<0.050	0.060 J_1	<0.050	<0.050	<0.050	ND	
	5/15/2009	(9)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Acetone	1.2
									2-Butanone (MEK	0.73 J_1
	11/10/2009	(11)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
Col. Countryside Vet. Clinic N4359 Temkin Rd	12/16/2002	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	ND	
	8/16/2004	--	<0.12	<0.13	<0.13	<0.14	<0.12	<0.14	Chloromethane	0.12
	5/8/2006	(6)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
	5/17/2007	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Toluene	0.074 J_1
									Xylenes	0.10 J_1
	5/15/2009	(9)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
Colotti Residence N4333 Thoma Rd WUWN MG005	12/16/2002	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	ND	
	8/16/2004	--	<0.12	<0.13	<0.13	<0.14	<0.12	<0.14	ND	
	5/8/2006	(6)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Chloromethane	0.070 J_1
									Methylene Chloride	0.26 S2,J_1
	11/8/2006	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Chloromethane	0.21 B
	5/17/2007	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Toluene	0.073 J_1

Table 1
Detected VOCs in Water Supply Well Samples
Columbus Chemical Industries / BT^2 Project #2597
(Results are in µg/l)

Well	Date	Lab Notes	Trichloroethylene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Chloroform	MTBE	Other VOCs Detected	
Colotti Residence N4333 Thoma Rd WUWN MG005	11/13/2007	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Chloromethane	0.15 J_1
	5/15/2009	(9)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
CD Farm Supply N4330 Temkin Rd WUWN SD249	12/3/2002	--	<0.15	<0.15	<0.15	<0.15	<0.15	0.28 B	ND	
	8/16/2004	--	<0.12	<0.13	<0.13	<0.14	<0.12	<0.14	ND	
	5/8/2006	(6)	<0.050	<0.050	<0.050	<0.050	0.059 J_1	0.15 J_1	ND	
	11/8/2006	--	<0.050	<0.050	<0.050	<0.050	<0.050	0.08 J_1	Chloromethane	0.16 B,J_1
	5/17/2007	--	<0.050	<0.050	<0.050	<0.050	<0.050	0.17	Toluene	0.055 J_1
	11/13/2007	--	<0.050	<0.050	<0.050	<0.050	<0.050	0.25	Chloromethane	0.17
	5/27/2008	--	<0.050	<0.050	<0.050	<0.050	<0.050	0.15 J_1	ND	
	11/10/2008	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
	5/15/2009	--	<0.050	<0.050	<0.050	<0.050	<0.050	0.08 J_1	ND	
	11/10/2009	--	<0.050	<0.050	<0.050	<0.050	<0.050	0.08 J_1	ND	
First American Funding* N4365 Hwy 73 WUWN PS062	12/16/2002	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	ND	
	8/16/2004	(4)	<0.12	<0.13	<0.13	<0.14	<0.12	<0.14	Chloromethane	0.13
Lee Residence N4379 Hwy 73	5/8/2006	(6)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Chloromethane	0.064 J_1
	5/17/2007	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Toluene Xylenes	0.11 J_1 0.11 J_1
	5/15/2009	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	

Table 1
Detected VOCs in Water Supply Well Samples
Columbus Chemical Industries / BT^2 Project #2597
(Results are in µg/l)

Well	Date	Lab Notes	Trichloroethylene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Chloroform	MTBE	Other VOCs Detected	
Kraft-Novy Residence* N4419 Hwy 73 Hoffman Residence N4411 Hwy 73	5/18/2009	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
Kraft Implement N4370 Hwy 73 WUWN PS061	12/16/2002	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	ND	
	8/16/2004	(4)	<0.12	<0.13	<0.13	<0.14	<0.12	<0.14	Chloromethane	0.21
	5/8/2006	(6)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
	5/17/2007	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Chloromethane	0.085 J_1
	5/15/2009	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
Kraft Residence N4366 Hwy 73	8/16/2004	(4)	<0.12	<0.13	<0.13	<0.14	<0.12	<0.14	Chloromethane	0.13
	5/8/2006	(6)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
	5/17/2007	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Chloromethane Toluene	0.053 J_1 0.059 J_1
	5/15/2009	(9)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
Lange Residence N4399 Hwy 73	5/18/2009	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
Former Langer Residence N4301 Temkin Rd WUWN LX317	12/3/2002	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	ND	
	8/16/2004	--	<0.12	<0.13	<0.13	<0.14	<0.12	<0.14	ND	
	5/8/2006	(6)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Chloromethane	0.057 J_1
	11/15/2006	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Chloromethane	0.25

Table 1
Detected VOCs in Water Supply Well Samples
Columbus Chemical Industries / BT^2 Project #2597
(Results are in µg/l)

Well	Date	Lab Notes	Trichloroethylene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Chloroform	MTBE	Other VOCs Detected	
Former Langer Residence N4301 Temkin Rd WUWN LX317	5/17/2007	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Toluene	0.062 J_1
	11/13/2007	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Chloromethane	*0.35*
	5/15/2009	(9)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
Leisses* N4260 Hwy 73	4/23/2003	--	<0.2	<0.1	<0.1	<0.1	<0.1	NA	ND	
	10/22/2004	--	<0.15	<0.14	<0.16	<0.16	<0.14	<0.20	ND	
Hacht Residence N4250 Hwy 73	5/8/2006	(6)	0.17	0.13 J_1	<0.050	0.27	0.21	<0.050	ND	
	11/8/2006	--	0.19	0.13 J_1	<0.050	0.26	0.18	<0.050	Chloromethane	0.20 B
	5/17/2007	--	0.18	0.13 J_1	<0.050	0.21	0.14 J_1	<0.050	Chloromethane Toluene	0.052 J_1 0.065 J_1
	11/13/2007	--	0.27	0.13 J_1	<0.050	0.28	0.15 J_1	<0.050	Chloromethane	0.19
	5/27/2008	--	0.26	0.16 J_1	<0.050	0.18	0.10 J_1	<0.050	ND	
	11/12/2008	--	0.20	0.10 J_1	<0.050	0.20	0.10 J_1	<0.050	ND	
	5/15/2009	(9)	0.28	0.16 J_1	<0.050	0.19	0.07 J_1	<0.050	ND	
	11/10/2009	--	0.22	0.14 J_1	<0.050	0.14 J_1	0.07 J_1	<0.050	ND	
Neuman-Busse Residence W12338 Lange Rd	5/19/2009	(10)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
Sheard Residence (Angela Roberts) N4293 Temkin Rd	4/23/2003	--	<0.2	<0.1	<0.1	<0.1	<0.1	NA	ND	
	5/8/2006	(6)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
	5/17/2007	(8)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
	5/15/2009	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
Siebel Residence N4236 Hwy 73	5/19/2009	(10)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	

Table 1
Detected VOCs in Water Supply Well Samples
Columbus Chemical Industries / BT^2 Project #2597
(Results are in µg/l)

Well	Date	Lab Notes	Trichloroethylene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Chloroform	MTBE	Other VOCs Detected	
Switzky Residence (Wendy Caswell) N4282 Hwy 73	8/16/2004	(4)	2.9	<0.13	<0.13	1.1	0.16	<0.14	Chloromethane	0.13
	5/8/2006	(6)	3.3	0.084 J_1	<0.50 J_1	1.4	0.2	<0.050	Chloromethane	0.088 J_1
									Methylene Chloride	0.25 S2,J_1
									Trichlorofluoromethane	0.061 J_1
	11/8/2006	--	2.7	0.071 J_1	<0.050	1.3	0.14 J_1	<0.050	Chloromethane	0.21 B
									Trichlorofluoromethane	0.058 J_1
	5/17/2007	--	2.4	<0.050	<0.050	1.1	0.11 J_1	<0.050	Toluene	0.066 J_1
									Trichlorofluoromethane	0.054 J_1
									Xylenes	0.062 J_1
	11/13/2007	--	2.8	0.050 J_1	<0.050	1.2	0.13 J_1	<0.050	Chloromethane	0.16 J_1
									Trichlorofluoromethane	0.080 J_1
	5/27/2008	--	2.5	<0.050	<0.050	1.0	0.080 J_1	<0.050	ND	
	11/10/2008	--	<0.050	<0.050	<0.050	<0.050	<0.050	0.15 J_1	ND	
	5/15/2009	(9)	2.3	0.080 J_1	<0.050	1.0	0.080 J_1	<0.050	ND	
	11/10/2009	(13)	2.4	0.090 J_1	<0.050	1.2	0.10 J_1	<0.050	Naphthalene	0.86
									Trichlorofluoromethane	0.070 J_1
Switzky Field Blank (Wendy Caswell) N4282 Hwy 73	5/8/2006	(6)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Chloromethane	0.061 J_1
									Methylene Chloride	0.26 S2, J_1
									Toluene	0.069 J_1
									Xylenes	0.075 J_1

Table 1
Detected VOCs in Water Supply Well Samples
Columbus Chemical Industries / BT^2 Project #2597
(Results are in µg/l)

Well	Date	Lab Notes	Trichloroethylene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Chloroform	MTBE	Other VOCs Detected	
Switzky Field Blank (Wendy Caswell) N4282 Hwy 73	11/8/2006	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Chloromethane	0.28 B
									Methylene Chloride	*0.72* S2,J$_1$
									Toluene	0.47
	5/17/2007	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Methylene Chloride	0.33 S2,J$_1$
									Toluene	0.063 J$_1$
	11/13/2007	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Chloromethane	0.29
									Methylene Chloride	*0.50* S2, J$_1$
									Vinyl Chloride	*0.02* J$_1$
	5/27/2008	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Methylene Chloride	0.34 J$_1$
	11/10/2008	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
	5/15/2009	(9)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Acetone	1.3
									2-Butanone (MEK)	0.57 J$_1$
	11/10/2009	(12)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
Watters Residence N4277 Temkin Road	5/15/2009	(9)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
Wille Residence N4302 Hwy 73 WUWN SD269	12/2/2002	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	ND	
	8/16/2004	(4)	<0.12	<0.13	<0.13	<0.14	<0.12	<0.14	Chloromethane	0.16
									Methylene Chloride	0.12
	5/8/2006	(6)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Chloromethane	0.079 J$_1$
									Methylene Chloride	0.43 S2,J$_1$
									Toluene	0.093 J$_1$
									Xylenes	0.12 J$_1$

Table 1
Detected VOCs in Water Supply Well Samples
Columbus Chemical Industries / BT^2 Project #2597
(Results are in µg/l)

Well	Date	Lab Notes	Trichloroethylene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Chloroform	MTBE	Other VOCs Detected
Wille Residence N4302 Hwy 73 WUWN SD269	5/17/2007	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Methylene Chloride 0.79 S2,J1 Toluene 0.10 J1 Xylenes 0.10 J1
	5/15/2009	(9)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Acetone 1.7 Methylene Chloride 0.26 J1 Toluene 0.31 J1
Williams Residence N4283 Temkin Rd	8/16/2004	--	<0.12	<0.13	<0.13	<0.14	<0.12	<0.14	ND
	5/8/2006	(6)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND
	11/8/2006	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Chloromethane 0.13 B,J1
	5/17/2007	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND
	12/4/2007	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND
	5/15/2009	(9)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND
Ziegler Ag Equipment (Groh Property) N4396 Hwy 73	5/18/2009	--	<0.050	<0.050	<0.050	<0.050	0.080 J1	<0.050	ND
Trip Blank	11/7/2002	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	ND
	12/16/2002	--	<0.36	NA	NA	NA	NA	NA	NA
	1/30/2003	--	<0.36	NA	NA	NA	NA	NA	NA
	5/20/2003	--	<0.2	<0.1	<0.1	<0.1	<0.1	NA	ND
	8/11/2003	--	<0.2	<0.1	<0.1	<0.1	<0.1	NA	ND

Table 1
Detected VOCs in Water Supply Well Samples
Columbus Chemical Industries / BT^2 Project #2597
(Results are in µg/l)

Well	Date	Lab Notes	Trichloroethylene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Chloroform	MTBE	Other VOCs Detected	
Trip Blank	11/10/2003	--	<0.2	<0.1	<0.1	<0.1	<0.1	NA	1,3-Dichlorobenzene	0.166 J
									1,4-Dichlorobenzene	0.24 J
									Ethylbenzene	0.127 J
									Methylene Chloride	0.342 J
									o-Xylene	0.1 J
	2/23/2004	--	<0.2	<0.1	<0.1	<0.1	<0.1	NA	ND	
	4/26/2004	--	<0.2	<0.15	<0.1	<0.2	<0.1	NA	ND	
	8/16/2004	--	0.23	<0.13	<0.13	<0.14	<0.12	<0.14	p-Isopropyltoluene	0.19
									Methylene Chloride	3.8
	8/17/2004	--	<0.2	<0.15	<0.1	<0.2	<0.1	NA	ND	
	11/16/2004	--	<0.2	<0.15	<0.1	<0.2	<0.1	NA	ND	
	2/14/2005	--	<0.2	<0.15	<0.1	<0.2	<0.1	NA	ND	
	5/2/2005	--	<0.2	<0.15	<0.1	<0.2	<0.1	NA	Methylene Chloride	1.19 J
	7/11/2005	--	<0.20	<0.50	<0.50	<0.50	<0.20	NA	ND	
	8/9/2005	--	<0.2	<0.15	<0.1	<0.2	<0.1	NA	ND	
	8/22/2005	--	<0.2	<0.15	<0.1	<0.2	<0.1	NA	ND	
	5/8/2006	(6)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Methylene Chloride	0.26 S2,J$_1$
	11/8/2006	(7)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Methylene Chloride	0.52 S2,J$_1$
	11/15/2006	--	0.066 J$_1$	<0.050	<0.050	<0.050	<0.050	<0.050	Chloromethane	0.058 J$_1$
									Methylene Chloride	0.66 S2, J$_1$

Table 1
Detected VOCs in Water Supply Well Samples
Columbus Chemical Industries / BT^2 Project #2597
(Results are in µg/l)

Well	Date	Lab Notes	Trichloroethylene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Chloroform	MTBE	Other VOCs Detected	
Trip Blank	5/17/2007	(8)	0.067 A-01, J_1	<0.050	<0.050	<0.050	<0.050	<0.050	Ethylbenzene	0.053 J_1
									Toluene	0.29
									Xylenes	0.31
	11/13/2007	--	0.20 J_1	<0.50	<0.50	<0.50	<0.20	<0.50	ND	
	12/4/2007	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Chloromethane	0.060 J_1
	5/27/2008	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
	11/10/2008	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
	11/12/2008	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
	5/15/2009	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
	5/18/2009	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Acetone	4.0
	5/19/2009	(10)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	Acetone	3.9
	11/10/2009	(12)	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
NR 140 Enforcement Standards (ES)			5	850	5	200	6	60	Acetone	1,000
									2-Butanone (MEK)	460
									Chloromethane	3
									1,3-Dichlorobenzene	1,250
									Ethylbenzene	700
									1,4-Dichlorobenzene	75
									Methylene Chloride	5
									Naphthalene	100
									Toluene	1,000
									Vinyl Chloride	0.2
									Xylenes	10,000

Table 1
Detected VOCs in Water Supply Well Samples
Columbus Chemical Industries / BT^2 Project #2597
(Results are in µg/l)

Well	Date	Lab Notes	Trichloroethylene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	Chloroform	MTBE	Other VOCs Detected	
NR 140 Preventive Action Limits (PAL)			0.5	85	0.5	40	0.6	12	Acetone	200
									2-Butanone (MEK)	90
									Chloromethane	0.3
									1,3-Dichlorobenzene	125
									Ethylbenzene	140
									1,4-Dichlorobenzene	15
									Methylene Chloride	0.5
									Naphthalene	10
									Toluene	200
									Vinyl Chloride	0.02
									Xylenes	1,000

ABBREVIATIONS:
µg/l = micrograms per liter or parts per billion (ppb)
-- = Not Applicable
MTBE = Methyl-tert-butyl ether
NA = Not Analyzed for this Parameter

NOTES:
NR 140 ES - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards
NR 140 PAL - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards
Bold+underlined values meet or exceed NR 140 ES.
Italic+underlined values meet or exceed NR 140 PAL.
( ) Name in parentheses is a tenant.
Two parties listed in the same row share one well. The address with the asterisk (*) was sampled.

Table 1
Detected VOCs in Water Supply Well Samples
Columbus Chemical Industries / BT^2 Project #2597

LABORATORY NOTES:

A01 = Possible carryover from previous sample. Insufficient sample to rerun.
B = Analyte was detected in the associated Method Blank.
J = Estimated concentration below laboratory quantitation level.
J_1 = Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.
S2 = Compound is a common lab solvent and contaminant.
(1) Sample may contain ethyl ether and trichlorotrifluoroethane according to tentative computer identification from gas chromatography/mass spectroscopy analysis.
(2) Sample may contain dimethyl ether according to tentative computer identification from gas chromatography/mass spectroscopy analysis. The concentration could not be determined, nor has the presence of the compound been confirmed by alternative analysis techniques.
(3) Additional non-target compounds detected.
(4) Chloromethane was present in the laboratory blank at 0.14 µg/l.
(5) The July 11, 2005 results for the new Columbus Chemical water supply well were analyzed by EPA Method SW8260B.
(6) 2,2-Dichloropropane - Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
(7) Chloromethane - Analyte was detected in the associated Method Blank.
(8) Methylene Chloride - Analyte was detected in the associated Method Blank.
(9) Dichlorodifluoromethane - Calibration Verification recovery was below the method control limit for this analyte.
(10) Surrogate:1,2-Dichlorobenzene-d4 analysis - Surrogate recovery was above acceptance limits.
(11) Bromomethane and 2,2-Dichloropropane - Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted. The MS and/or MSD were above the acceptance limits. See calibration verification (CCV). Styrene, 1,2,4- and 1,3,5-Trimethylbenzene and xylenes - The MS and/or MSD were below the acceptance limits. See CCV.
(12) Bromomethane and 2,2-Dichloropropane - Calibration Verification recovery was above the method control limit for this analyte.
(13) Styrene and 1,2,4-Trimethylbenzene - The MS and/or MSD were below the acceptance limits. See CCV.

Re-created by:	LMH	Date:	3/3/2004
Revised by:	TLR	Date:	11/30/2009
Checked by:	JSN	Date:	12/01/09

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Table 2
Detected VOCs in Water Well Samples
Columbus Chemical Industries / BT² Project #2597
(Results are in µg/l)

Sample	Date	Lab Notes	Trichloro-ethene	1,1-Dichloroethane	1,2-Dichloroethane	cis-1,2-Dichloroethene	1,1-Dichloroethene	1,1,1-Trichloroethane	Chloroform	MTBE	Other VOCs	
Columbus Chemical Industries (old well, unique well #IW551) N4335 Temkin Rd.	6/10/1987	--	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	NA	Methyl Bromide	4.2
	9/3/2002	--	**25.1**	1.13	*3.27*	0.451	<0.1	1.22	0.472	NA	ND	
	11/7/2002	--	**18**	0.69	*2.5*	<0.15	<0.15	1.1	0.18 B	<0.15	ND	
	12/16/2002	--	**20.1**	NA	NA	NA	NA	NA	NA	NA	NA	
	1/30/2003	--	**13.1**	NA	NA	NA	NA	NA	NA	NA	NA	
	3/18/2003	--	**48.3**	2.97	**9.9**	0.803	0.251 J	2.87	*1.26*	NA	ND	
	5/20/2003	--	**26**	1.5	**5.31**	0.403	0.13	1.44	*0.632*	NA	ND	
	8/11/2003	--	**36.7**	2.05	**8.06**	0.587	0.191	1.97	*0.903*	NA	ND	
	11/10/2003	--	**31.7**	1.81	**6.44**	0.545	0.139 J	1.57	*0.703*	NA	ND	
	2/23/2004	--	**43.1**	2.75	**9.2**	0.744	0.216 J	2.28	*0.903*	NA	ND	
	4/26/2004	--	**29.7**	1.64	**5.94**	0.506	0.153 J	1.4	0.5	NA	ND	
	8/16/2004	(1)	**33**	1.6	**5.4**	0.46	<0.24	1.3	0.4	<0.14	ND	
	8/17/2004	--	**22.6**	1.24	*3.64*	0.382	<0.15	0.922	0.304 J	NA	ND	
	11/16/2004	--	**33.3**	1.08	**7.57**	0.243 J	<0.15	1.21	0.341	NA	ND	
	2/14/2005	--	**23.6**	1.13	**7.41**	0.306	<0.15	1.12	0.375	NA	ND	
	5/2/2005	--	**41.9**	2.34	**11.4**	0.665 J	0.206 J	1.84	0.593	NA	ND	
	8/9/2005	--	**33.1**	1.4	**5.88**	0.416 J	<0.15	1.14	0.344	NA	Chloromethane	0.249 J
	5/8/2006	--	**44**	2.0	*1.4* J	1.1 J	<0.50	0.66 J	0.21 J	<0.50	ND	
	11/8/2006	--	**38**	2.5	*1.8*	1.2	0.22	0.49	0.22	<0.050	Bromomethane	0.056 J
											Chloroethane	0.081 J
											Chloromethane	0.088 B,J
											trans-1,2-Dichloroethene	0.12 J
	5/17/2007	(3)	**47**	2.3	*1.2*	1.1	0.22	0.36	0.15 J	<0.050	Chloroethane	0.063 J
											Dichlorodifluoromethane	0.052 J
											trans-1,2-Dichloroethene	0.086 J

Table 2
Detected VOCs in Water Well Samples
Columbus Chemical Industries / BT² Project #2597
(Results are in µg/l)

Sample	Date	Lab Notes	Trichloro-ethene	1,1-Dichloroethane	1,2-Dichloroethane	cis-1,2-Dichloroethene	1,1-Dichloroethene	1,1,1-Trichloroethane	Chloroform	MTBE	Other VOCs	
(old well cont.)	11/13/2007	--	**48** E	2.4	*1.4*	1.0	0.26	0.49	0.17	0.070 J	Chloroethane	0.070 J
											Chloromethane	0.20
											Dichlorodifluoromethane	0.060 J
											trans-1,2-Dichloroethene	0.080 J
	5/27/2008	--	**38**	2.3	*0.57* J	1.1 J	<0.50	<0.50	<0.20	<0.50	ND	
	11/10/2008	--	**31**	2.7	*0.59* J	1.3 J	<0.50	<0.50	<0.20	<0.50	ND	
Columbus Chemical Industries (new well, unique well #SU721) N4335 Temkin Rd.	7/11/2005	(2)	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	ND	
	8/22/2005	--	<0.2	<0.15	<0.1	<0.2	<0.15	<0.2	<0.1	NA	Chloromethane	*0.563* J
	3/28/2006	--	<0.2	NA	<0.1	<0.2	<0.15	<0.2	NA	NA	ND	
	8/7/2007	--	<0.3	NA	<0.2	<0.2	<0.4	<0.2	NA	NA	ND	
	7/28/2008	--	<0.4	NA	<0.3	<0.3	<0.4	<0.2	NA	NA	ND	
	5/26/2009	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	ND	
Trip Blank	7/28/2008	--	<0.4	NA	<0.3	<0.3	<0.4	<0.2	NA	NA	ND	
	5/26/2009	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	ND	
NR 140 Enforcement Standards (ES)			5	850	5	70	7	200	6	60	Bromomethane	10
											Chloroethane	400
											Chloromethane	3
											Dichlorodifluoromethane	1,000
											trans-1,2-Dichloroethene	100
NR 140 Preventive Action Limits (PAL)			0.5	85	0.5	7	0.7	40	0.6	12	Bromomethane	1
											Chloroethane	80
											Chloromethane	0.3
											Dichlorodifluoromethane	200
											trans-1,2-Dichloroethene	20

ABBREVIATIONS:
µg/l = micrograms per liter or parts per billion (ppb)
PVOCs = Petroleum Volatile Organic Compounds
MTBE = Methyl-tert-butyl ether
VOCs = Volatile Organic Compounds
-- = Not Applicable
NE = No Standard Established
NA = Not Analyzed
ND = Not Detected

Table 2
Detected VOCs in Water Well Samples
Columbus Chemical Industries / BT^2 Project #2597

NOTES:
Bold+underlined values meet or exceed NR 140 enforcement standards.
Italic+underlined values meet or exceed NR 140 preventive action limits.
NR 140 ES - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.
NR 140 PAL - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards.

LABORATORY NOTES
B = Analyte was detected in the associated Method Blank.
E = Concentration exceeds the calibration range and therefore result is semi-quantitative.
J = Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.
(1) Additional non-target compounds detected.
(2) The July 11, 2005 results for the new Columbus Chemical water supply well were analyzed by EPA Method SW8260B.
(3) Methylene chloride analysis - Analyte was detected in the associated Method Blank.

Created by:	TLR	Date:	5/31/2006
Revised by:	TLR	Date:	6/4/2009
Checked by:	JSN	Date:	6/4/2009

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Table 3
Groundwater Analytical Results Summary
Columbus Chemical Industries / BT^2 Project #2597
(Results are in µg/l)

Well	Date	Lab Notes	Trichloro-ethene	Tetrachloro-ethene	1,1-Dichloroethane	1,2-Dichloroethane	cis-1,2-Dichloroethene	1,1-Dichloroethene	1,1,1-Trichloroethane	Chloroform	Other VOCs Detected	
GB1X	1/8/2004	--	<0.20	**28**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	Benzene	0.35
											Toluene	1.2
											1,2,4 TMB	0.20
											Xylenes	1.0
GB2	1/7/2004	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	*0.84*	Toluene	0.49
GB6	1/8/2004	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	Toluene	0.55
GB7	1/8/2004	--	<0.20	*0.77*	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	Toluene	0.77
GB8	1/8/2004	--	<0.20	*2.2*	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	Benzene	0.24
											Toluene	1.1
											Xylenes	0.53
GB10	1/8/2004	--	<0.20	*2.4*	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	Toluene	0.59
GB11	1/8/2004	--	<0.20	*1.7*	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	Toluene	0.62
GB12	1/8/2004	--	<0.20	*3.9*	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	Toluene	0.57
GB17	9/13/2004	(1)(2)(8)	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50 G14	<5.0	<0.316	ND	
GB20	9/13/2004	(1)(2)	<0.50	<0.50	<5.0	<0.50	<5.0	*2.83* G14	<5.0	**276**	ND	
GB22	9/13/2004	(2)(8)(9)	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50	<5.0	**8.89**	p-Isopropyltoluene	9.24
MW1	11/1/2004	(2)(5)	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50 G28	<5.0	<0.316	ND	
	11/01/04 Dup	(2)(5)	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50 G28	<5.0	<0.316	ND	
	2/18/2005	(2)(4)(7)	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50	<5.0	<0.316	ND	
	5/17/2005	(5)	<0.495	<0.295	<5.0	<0.387	<5.0	<0.451	<5.0	<0.463	Methylene Chloride	*1.40* A, B, O13
	8/24/2005	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND	
	5/26/2009	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND	
MW1P	11/1/2004	(2)(5)(6)	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50 G28	<5.0	<0.316	ND	
	2/18/2005	(2)(4)(7)	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50	<5.0	<0.316	ND	
	5/17/2005	(5)	<0.495	<0.295	<5.0	<0.387	<5.0	<0.451	<5.0	<0.463	Methylene Chloride	*1.62* A, B, O13
	8/24/2005	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND	

Table 3
Groundwater Analytical Results Summary
Columbus Chemical Industries / BT² Project #2597
(Results are in µg/l)

Well	Date	Lab Notes	Trichloro-ethene	Tetrachloro-ethene	1,1-Dichloroethane	1,2-Dichloroethane	cis-1,2-Dichloroethene	1,1-Dichloroethene	1,1,1-Trichloroethane	Chloroform	Other VOCs Detected
MW1P (cont.)	5/8/2006	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND
	11/8/2006	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND
	5/17/2007	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND
	11/13/2007	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND
	5/26/2009	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	Diethyl ether 19 Tetrahydrofuran 2.1 J
MW1P Field Blank	11/8/2006	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	Toluene 0.84
MW2B	11/1/2004	(2)(4)(5)(6)	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50 G28	<5.0	<0.316	ND
	2/18/2005	(2)(4)(7)	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50	<5.0	<0.316	ND
	5/17/2005	(5)	<0.495	<0.295	<5.0	<0.387	<5.0	<0.451	<5.0	<0.463	Methylene Chloride *1.49* A, B, O13
	8/24/2005	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND
	5/26/2009	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND
MW2P	11/1/2004	(2)(4)(5)(6)	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50 G28	<5.0	<0.316	ND
	2/18/2005	(2)(4)(7)	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50	<5.0	<0.316	ND
	5/17/2005	(5)	<0.495	<0.295	<5.0	<0.387	<5.0	<0.451	<5.0	<0.463	Methylene Chloride *1.81* A, B, O13
	8/24/2005	--	<0.20	*4.8*	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND
	5/8/2006	(10)	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND
	11/8/2006	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND
	5/17/2007	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND
	05/17/07 Dup	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND
	11/13/2007	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND
	11/13/2007 Dup	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND
	5/26/2009	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	Diethyl ether 22 Tetrahydrofuran 1.4 J
MW3	11/1/2004	(2)(4)(5)	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50 G28	<5.0	<0.316	ND
	2/18/2005	(2)(4)(7)	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50	<5.0	<0.316	ND

Table 3
Groundwater Analytical Results Summary
Columbus Chemical Industries / BT^2 Project #2597
(Results are in µg/l)

Well	Date	Lab Notes	Trichloro-ethene	Tetrachloro-ethene	1,1-Dichloroethane	1,2-Dichloroethane	cis-1,2-Dichloroethene	1,1-Dichloroethene	1,1,1-Trichloroethane	Chloroform	Other VOCs Detected
MW3 (cont.)	5/17/2005	(5)	<0.495	<0.50	<5.0	<0.387	<5.0	<0.451	<5.0	<0.463	Methylene Chloride 1.23 A, B, O13
	8/24/2005	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND
	5/26/2009	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND
MW3P	11/1/2004	(2)(5)	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50 G28	<5.0	<0.316	ND
	2/18/2005	(2)(4)(7)	12.7	<0.50	<5.0	<0.50	<5.0	<0.50	<5.0	2.38	ND
	5/17/2005	(5)	6.43 O13	<0.295	<5.0	<0.387	<5.0	<0.451	<5.0	1.68 O13	Methylene Chloride 1.41 A, B, O13
	5/17/2005 Dup	(5)	6.79 O13	<0.295	<5.0	<0.387	<5.0	<0.451	<5.0	1.68 O13	Methylene Chloride 1.68 A, B, O13
	8/24/2005	--	8.9	<0.50	2.0	<0.50	<0.50	<0.50	<0.50	0.70	ND
	8/24/2005 Dup	--	9.1	<0.50	2.0	<0.50	<0.50	<0.50	0.89 J	0.70	ND
	5/8/2006	(11)	60	<0.50	3.0	<0.50	2.5	<0.50	<0.50	<0.20	ND
	11/8/2006	--	79	<0.50	3.0	<0.50	3.7	<0.50	<0.50	<0.20	ND
	5/17/2007	--	69	<0.50	2.3	<0.50	2.9	<0.50	<0.50	<0.20	ND
	11/13/2007	--	63	<0.50	1.8	<0.50	2.2	<0.50	<0.50	0.55 J	ND
	5/27/2008	--	61	<0.50	1.8	<0.50	2.5	<0.50	<0.50	<0.20	ND
	5/27/2008 (Dup)	--	63	<0.50	2.0	<0.50	2.6	<0.50	<0.50	<0.20	ND
	11/10/2008	--	62	<0.50	1.6 J	<0.50	2.5	<0.50	<0.50	<0.20	ND
	11/10/2008 (Dup)	--	61	<0.50	2.0	<0.50	3.3	<0.50	<0.50	<0.20	ND
	5/26/2009	--	54	<0.50	1.5 J	<0.50	2.9	<0.50	<0.50	<0.20	Diethyl ether 26 Tetrahydrofuran 3.3
	5/26/2009 (Dup)	--	52	<0.50	1.6 J	<0.50	3.4	<0.50	<0.50	<0.20	Deithyl ether 26 Tetrahydrofuran 3.2 J
	11/10/2009	(13)	57	<0.50	1.5 J	<0.50	3.1	<0.50	<0.50	<0.20	ND
	11/10/09 (Dup)	--	62	<0.50	1.7	<0.50	3.4	<0.50	<0.50	<0.20	ND
Trip Blank	1/8/2004	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND
	9/13/2004	(1)(3)(4)	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50 G14	<5.0	<0.316	ND

Table 3
Groundwater Analytical Results Summary
Columbus Chemical Industries / BT^2 Project #2597
(Results are in µg/l)

Well	Date	Lab Notes	Trichloro-ethene	Tetrachloro-ethene	1,1-Dichloroethane	1,2-Dichloroethane	cis-1,2-Dichloroethene	1,1-Dichloroethene	1,1,1-Trichloroethane	Chloroform	Other VOCs Detected	
Trip Blank (cont.)	11/1/2004	(2)(5)(6)	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50 G28	<5.0	<0.316	ND	
	2/18/2005	(2)(4)(7)	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50	<5.0	<0.316	ND	
	5/17/2005	(5)	<0.495	<0.295	<5.0	<0.387	<5.0	<0.451	<5.0	<0.463	Methylene Chloride	1.56 A, B, O13
	8/24/2005	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND	
	5/8/2006	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND	
	11/8/2006	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND	
	5/17/2007	--	0.23 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND	
	11/13/2007	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND	
	5/27/2008	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND	
	11/10/2008	(12)	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND	
	5/26/2009	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND	
	11/10/2009	--	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	ND	
NR 140 Enforcement Standards (ES)			5	5	850	5	70	7	200	6	Benzene	5
											1,1-Dichloroethane	850
											cis-1,2-Dichloroethene	70
											Methylene Chloride	5
											Tetrahydrofuran	50
											Toluene	1,000
											1,2,4 TMB	480
											Xylenes	10,000
NR 140 Preventive Action Limits (PAL)			0.5	0.5	85	0.5	7	0.7	40	0.6	Benzene	0.5
											1,1-Dichloroethane	0.5
											cis-1,2-Dichloroethene	7
											Methylene Chloride	0.5
											Tetrahydrofuran	10
											Toluene	200
											1,2,4 TMB	96
											Xylenes	1,000

ABBREVIATIONS:
µg/l = micrograms per liter or parts per billion (ppb)
NA = Not Analyzed for this Parameter
VOC = Volatile Organic Compound
NE = No Standard Established
TMB = Trimethylbenzene

Table 3
Groundwater Analytical Results Summary
Columbus Chemical Industries / BT² Project #3809

NOTES:
NR 140 ES - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards
NR 140 PAL - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards
Bold+underlined values meet or exceed NR 140 ES.
Italic+underlined values meet or exceed NR 140 PAL.
A = The concentration of the analyte detected in the sample is characteristic of a laboratory artifact.
B = The method blank associated with this sample contains 1.36 µg/L of this analyte.
G14 = The recovery of this analyte in the check standard is above the method specified acceptance criteria.
G28 = The recovery of this Calibration Check Compound (CCC) in the check standard is above the method specified acceptance criteria.
J = Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.
O13 = One or more of the Calibration Check Compound (CCC) recoveries were above the method specified acceptance criteria; however, the recovery of this analyte in the check standard is within 20% of its known value.

LABORATORY NOTES:
(1) VOCs analyses - The result for one or more quality control measurements associated with this sample did not meet the laboratory and/or source method acceptance criteria.
Vinyl chloride analyses - The recovery of this analyte in the check standard is above the method specified acceptance criteria.
(2) Surrogate: Toluene-d8 analysis - This quality control measurement is above the laboratory established limit.
(3) Surrogate: Dibromofluoromethane and Surrogate: 1,2 Dichloroethane - d4 analyses - This quality control measurement is below the laboratory established limit.
(4) Surrogate: 4-Bromofluorobenzene analyses - This quality control measurement is above the laboratory established limit.
(5) VOCs analyses - The result for one or more quality control measurements associated with this sample did not meet the laboratory and/or source method acceptance criteria.
Vinyl Chloride Analyses - The recovery of this Calibration Check Compound (CCC) in the check standard is above the method specified acceptance criteria.
(6) Surrogate: Dibromofluoromethane - This quality control measurement is above the laboratory established limit.
(7) VOCs analyses - The result for one or more quality control measurements associated with this sample did not meet the laboratory and/or source method acceptance criteria.
(8) Surrogate: 4-Bromofluorobenzene analyses - This quality control measurement is below the laboratory established limit.
(9) VOCs analyses - The result for one or more quality control measurements associated with this sample did not meet the laboratory and/or source method acceptance criteria.
(10) Surrogate recovery was below acceptance limits.
(11) Calibration Verification recovery was below the method control limit for this analyte.
(12) 4-Chlorotoluene, 1,3-Dichlorobenzene, Naphthalene, 1,2,3- and 1,2,4-Trichlorobenzene - Analyte was detected in the associated Method Blank.
(13) 1,2-Dibromo-3-chloropropane and 1,2,3-Trichloropropane - The MS and/or MSD were below the acceptance limits. See calibration verification (CCV).

Re-created by:	JSN	Date:	9/16/2005
Revised by:	TLR	Date:	11/30/2009
Checked by:	JSN	Date:	12/1/2009

I:\2597\Tables-General\[VOC_Project_WSW_VOCs.xls]GW VOCs

Table 4
Water Level Summary
Columbus Chemical Industries, Inc. / Project #2597
Columbus, Wisconsin

Raw Data		Depth to Water in feet below top of well casing					
		MW1	MW1P	MW2B	MW2P	MW3	MW3P
Measurement Date							
1-Nov-04		8.94	22.75	9.28	22.73	6.70	24.85
18-Feb-05		7.72	23.26	7.91	22.89	6.03	25.64
17-May-05		8.31	22.46	7.91	22.69	5.44	26.09
24-Aug-05		10.01	24.90	14.11	25.13	7.82	25.78
8-May-06		NM	19.90	NM	19.80	NM	20.84
8-Nov-06		NM	19.52	NM	19.26	NM	20.18
17-May-07		NM	19.87	NM	19.99	NM	20.89
13-Nov-07		NM	22.58	NM	22.59	NM	23.59
26-May-09		7.86	19.93	6.81	19.66	3.98	18.21

Well Number		Ground Water Elevation in feet above mean sea level (amsl)					
		MW1	MW1P	MW2B	MW2P	MW3	MW3P
Top of Casing Elevation (feet amsl)		879.81	879.83	875.11	874.99	877.16	877.20
Measurement Date							
1-Nov-04		870.87	857.08	865.83	852.26	870.46	852.35
18-Feb-05		872.09	856.57	867.20	852.10	871.13	851.56
17-May-05		871.50	857.37	867.20	852.30	871.72	851.11
24-Aug-05		869.80	854.93	861.00	849.86	869.34	851.42
8-May-06		NM	859.93	NM	855.19	NM	856.36
8-Nov-06		NM	860.31	NM	855.73	NM	857.02
17-May-07		NM	859.96	NM	855.00	NM	856.31
13-Nov-07		NM	857.25	NM	852.40	NM	853.61
26-May-09		871.95	859.90	868.30	855.33	873.18	858.99

ABBREVIATIONS:
NM = not measured